



Linor Architectural Lighting



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Linor Architectural Lighting

The Linor group of light and lighting experts has been established to create unique lighting designs by its professional team

The group has a notable profile and has designed and implemented numerous lighting projects gaining a precious experience. It is noteworthy that in addition to the environmental beautification, lighting can give character and eye-catching personality to the surroundings

When considering projects for the exterior or interior lighting of commercial, office and residential buildings, one always feels that there is a lost element that could be found by merging the artistic aesthetic and lighting techniques. This is the main strategy, based on which the Linor group prepares and presents its lighting projects

In addition, important factors such as energy efficiency and ease of maintenance are also considered in conducting our lighting projects

گروه متخصصان روشنایی و نورپردازی لینور با هدف بازنگری تخصصی در مقوله نورپردازی و تولید طرح های خاص تشکیل گردیده و تا کنون موفق به ارائه و اجرای طرح های بسیاری شده که پیشینه قابل تاملی برای این گروه به همراه داشته است که بخشی از این تجربیات در این مختصر آمده است

ذکر این نکته ضروری است که نور علاوه بر زیباسازی محیط می تواند به ارایه شخصیت خاص و چشمگیر نیز کمک نماید و همواره این نیاز احساس میشود که در طرح های نورپردازی اعم از نمای بیرونی ساختمانهای تجاری، اداری، مسکونی و روشنایی داخلی مهره گمشده ای وجود دارد که باید آنرا در تلفیق نگاه مبتنی بر زیبایی شناختی هنری و نیز فنی و تخصصی در یک بستر واحد بدست آورد

گروه لینور سعی می نماید تا طرح های خود را بر این اساس ارایه و در کنار آن به نکات مهمی چون مصرف بهینه انرژی، نحوه تعمیر و نگهداری و سایر نکات موثر توجه نماید

The services provided by the Linor group are as follows

Consultancy: Giving consultancy for lighting modifications and exterior or interior lighting of different commercial, office and residential buildings as well as the outdoor green space

Design: Lighting design for the mentioned environments accompanied by specifications of the require light sources and the relevant technical calculations

Supervision: Supervising the lighting projects from the beginning up to the completion

Implementation: Supervised implementation of the lighting designs prepared by the group according to the electrical and technical plans and maps

Distribution: The group is the exclusive representative of a number of credible European brands in Iran for a wide range of lighting products. all the products are distributed with guarantee and effective after sales service

تیم های تخصصی گروه لینور در موارد زیر خدمات تخصصی خود را ارائه می نماید

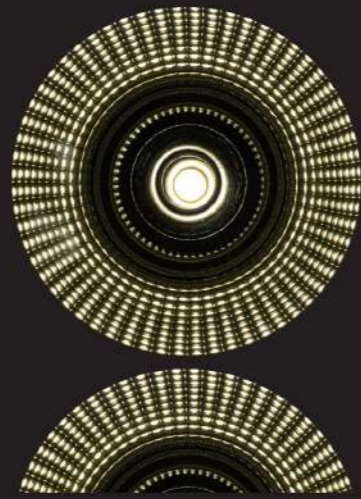
مشاوره: ارائه مشاوره در زمینه نورپردازی نما و روشنایی داخلی و با اصلاحات نور موجود در ساختمان های تجاری، اداری، مسکونی، فضای سبز و غیره

طراحی: ارائه طرح های خاص در زمینه های فوق الذکر به همراه نوع و مشخصات منابع لازم و محاسبات الکتريکال مربوطه

نظارت: نظارت بر اجرای طرح های ارائه شده تا حصول نتیجه دلخواه

اجرا: اجرای نظارت شده طرح های ارائه شده به همراه نقشه های الکتريکال و تکنیکال

فروش: نماینده انحصاری و تامین کننده چراغ ها و تجهیزات روشنایی برندهای اروپایی با گارانتی و خدمات پس از فروش



primary goal of HSI Lighting is to develop, source and improve upon energy saving solutions and provide a meaningful product line that will assist in an overall reduction of energy used, reduce carbon and make for a more sustainable Earth. Saving energy is rarely a "plug and play" solution. Our knowledgeable sales force can and will assist you and provide you the information you need to make for a well informed and good decision when implementing and energy reduction program.



The H.S.I lighting is an established organization with a renewed mission. In 2008, the organization took the name H.S.I Extracted from "HUE, Saturation, Intensity" which is engaged with all visible substance in the Planet in recognition of its new identity as an association that represents both companies and professionals working in the lighting industry.

We are a technology based company with associated offices in UAE and Spain. Our mission is to develop and produce high quality lighting products especially in new challenging field of LED and we keep trying to provide alternative lighting solutions, Our products ensure safety, reliability, and value for users, to achieve this, our company relies on the personal commitment, experience, and skills of everyone in the organization working within a management system which satisfies all of the relevant requirements.

H.S.I consist of some 5 professionals focused on serving company in the following areas: health and safety, environmental affairs, Energy Efficiency affairs, conferences and events, products development, and communications.

The UAE ALMUTLAQ Lighting is our authorized and active dealer with experience of handling considerable number of project mostly in retail including fashion, Jewelry and Restaurants, however we have recorded some of projects in Sport & Gymnasium, Residential and Hotels.

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LED OFFICE LIGHT

47-46 LED Linear Light



LINEA
cubo w 35*44



LINEA
rectangle w 35c

49-48 LED Linear Light



LINEA
rectangle w 50*70b

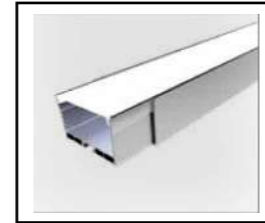


LINEA
rectangle w 35*73b

51-50 LED Linear Light

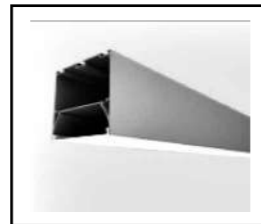


LINEA
channel w 14*20



LINEA
channel w 60*36

53-52 LED Linear Light

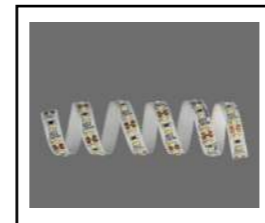


LINEA
rectangle w 75*75



LINEA
curve

91 LED Strip Light



TIRA - LED

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LED OFFICE LIGHT

31-30 LED Linear Light



LINEA cubo



LINEA circular

33-32 LED Linear Light



LINEA
rectangle w35b

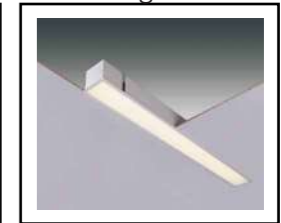


LINEA
rectangle w35a

37-36 LED Linear Light



LINEA
rectangle w65



LINEA
rectangle w37

43-42 LED Linear Light



LINEA
rectangle w 50*140



LINEA
rectangle w75

44 LED Linear Light



LINEA
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LAVAR nano



LAVAR mini

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VIVO led



RICO led

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CAMINO
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LAVAR

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FIGURA
uno

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FIGURA
dos



FIGURA
tres

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VEGA
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ARISTA
nano



ARISTA
mini



ARISTA

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PROFUNDO
nano



PROFUNDO
mini



PROFUNDO

181-180 LED Down Light



VERA
nano



VERA
mini



VERA

183-182 LED Down Light



CUADRO
nano



CUADRO
mini

185-184 LED Down Light



TENDENCIA



ESENCIA

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**MAGNETIC FLOOD LIGHT
ADJUSTABLE**

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MAGNETIC LIGHTING SYSTEM

203 Magnetic Lighting System



MAGNETIC TRACK LIGHT

205 Magnetic Lighting System



**MAGNETIC GRILLE LIGHT
ADJUSTABLE**

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MAGNETIC GRILLE LIGHT

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MAGNETIC FLOOD LIGHT

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**MAGNETIC FLOOD LIGHT
ADJUSTABLE**

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259 HIGH LIGHT POWER LED



260 UNDERGROUND SIDE LIGHT



261 STEP LIGHT



262 UNDERGROUND LED LIGHT



INDEX OF OUTDOOR

INDEX OF OUTDOOR

270

UW



271

UF 160





INDOOR LIGHTING



LED LIGHT OFFICE LIGHT



LINEA Circular
HS-0101-LC



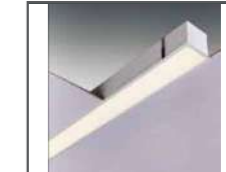
LINEA Cubo
HS-0102-LC



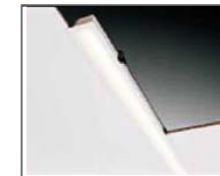
LINEA
Rectangle w35x42a
HS-0103-LC



LINEA
Rectangle w35x42b
HS-0104-LC



LINEA
Rectangle ww37x27
HS-0105-LC



LINEA
Rectangle ww65x32
HS-0106-LC



LINEA
Rectangle w75x32
HS-0107-LC



LINEA
Rectangle w50x140
HS-0108-LC



LINEA
Rectangle ww76x22
HS-0109-LC



LINEA
Rectangle w35x45c
HS-0110-LC



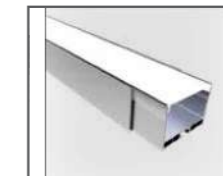
LINEA Cubo w35x44
HS-0111-LC



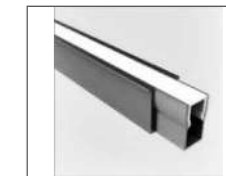
LINEA
Rectangle w35x73b
HS-0112-LC



LINEA
Rectangle w50x70b
HS-0113-LC



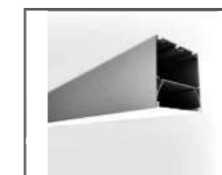
LINEA
Channel w60x36
HS-0114-LC




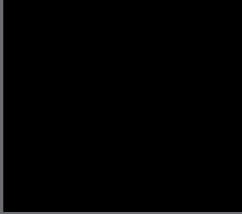






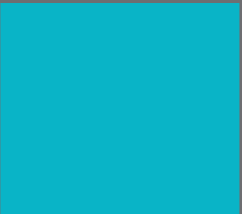

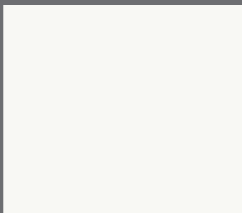
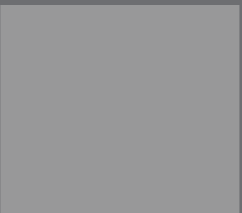


LINEA
Channel w14x20
HS-0115-LC

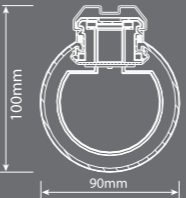

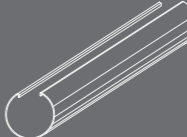
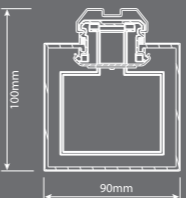

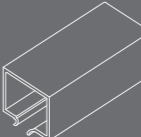
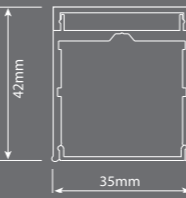

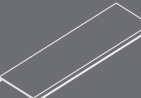
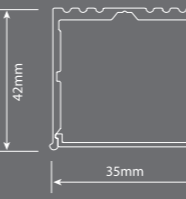


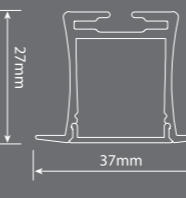

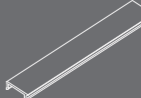
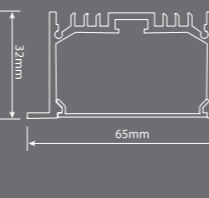




LINEA Curve
HS-0116-LC



LINEA
Rectangle w75x75
HS-0117-LC

CUSTOMIZABLE	LIGHT DISTRIBUTION	COLOUR OPTIONS	
MAX Length 240cm Dimmable/ Tuneable	 Direct		
MAX Length 240cm	 Direct		
240cm /P Connectable	 Direct & Indirect		
240cm /P Connectable	 Direct		
240cm /P Connectable	 Direct		
240cm /P Connectable	 Direct		

PROFILE	INSTALATION	DIFUSER	LIGHT SOURCE LED Bar 12w/m
			MAX 2 lines 24w/m
			MAX 2 lines 24w/m
			MAX 2 lines 24w/m
			MAX 2 lines 24w/m
			MAX 1 lines 12w/m
			MAX 3 lines 12w/m

CUSTOMIZABLE

LIGHT DISTRIBUTION

240cm /P
Connectable



Direct

240cm /P
Connectable



Direct

240cm /P
Connectable



Direct

240cm /P
Connectable



Direct

240cm /P
Connectable



Direct

240cm /P
Connectable



Direct



COLOUR OPTIONS

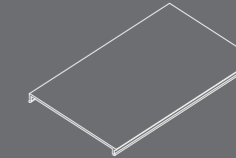
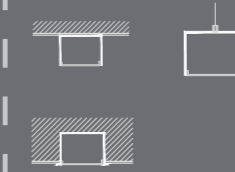
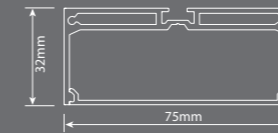
PROFILE SELECTOR

PROFILE

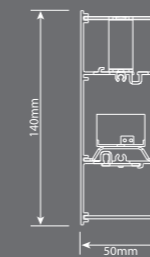
INSTALATION

DIFUSER

LIGHT SOURCE
LED Bar 12w/m



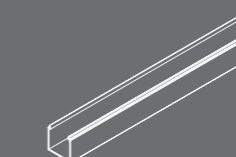
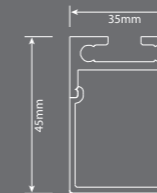
MAX 3 lines
36w/m



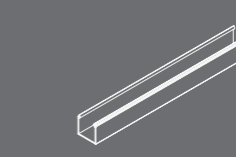
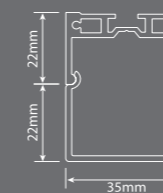
MAX 2 lines
24w/m



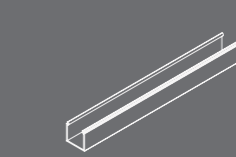
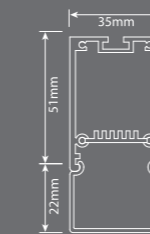
MAX 1 lines
12w/m



MAX 2 lines
24w/m









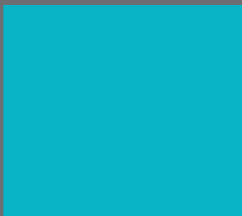

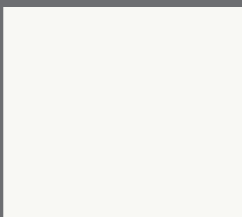
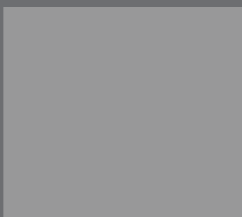



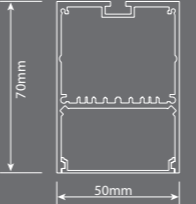
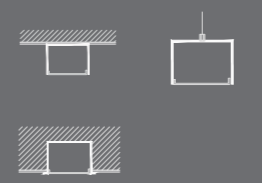
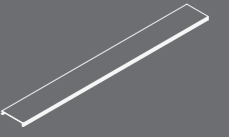
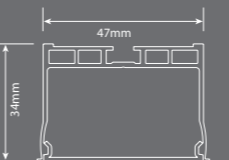
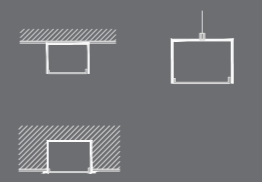
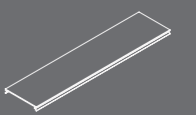
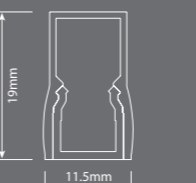

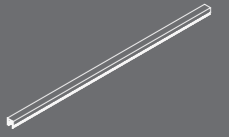
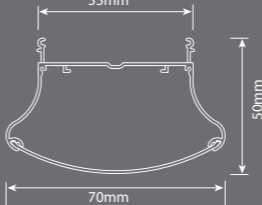


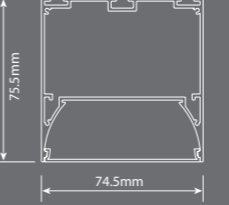

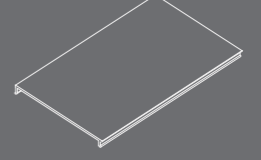
MAX 2 lines
24w/m



MAX 2 lines
24w/m

PROFILE SELECTOR

CUSTOMIZABLE	LIGHT DISTRIBUTION	COLOUR OPTIONS	
240cm /P Connectable	 Direct		
MAX Length 240cm	 Direct		
240cm /P Connectable	 Direct		
MAX Length 120cm	 Direct		
240cm /P Connectable	 Direct		

PROFILE	INSTALATION	DIFUSER	LIGHT SOURCE LED Bar 12w/m
			MAX 3 lines 36w/m
			MAX 3 lines 36w/m
			MAX 1 lines 12w/m
			MAX 2 lines 24w/m
			MAX 3 lines 36w/m

LINEA cubo

LED luminaire for suspended mounting with linear extruded aluminum base, screwless aluminum die cast and end caps and square shapes diffuser which provides 270° illumination and smooth uniform appearance. Advanced Thermal Management ensures maximum lumen maintenance and consistent Color temperature. Linea Rectangular series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



BRIEF INTRODUCTION:

HS-0102-LC

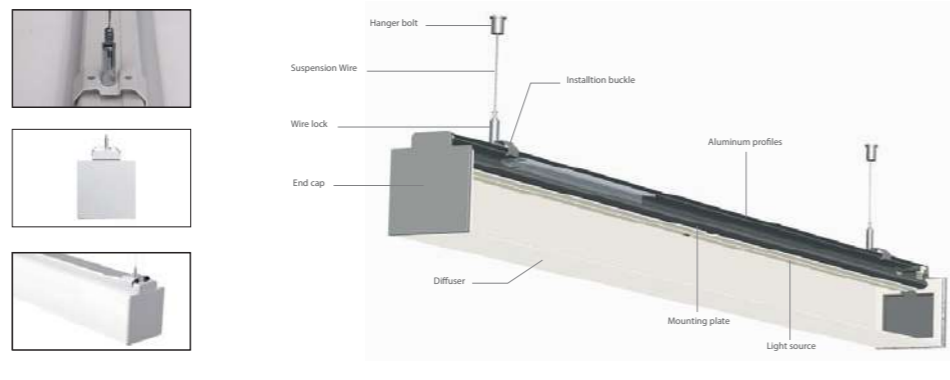
Power Input:
78W, 117W
Current Input: Respectively for power
100W

Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%

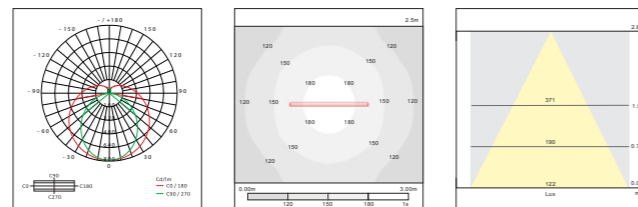
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90
Maximum Continuous Operation
Temperature: 60 °C

IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Suspended / Ceiling Mounted

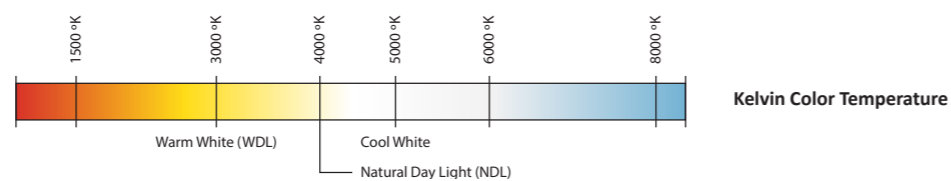
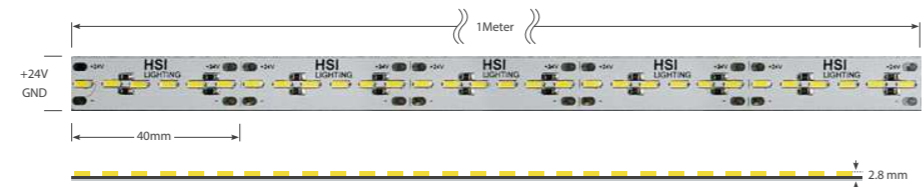
Material: Aluminum
Application: Indoor
Size: 1150X90mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for genral lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



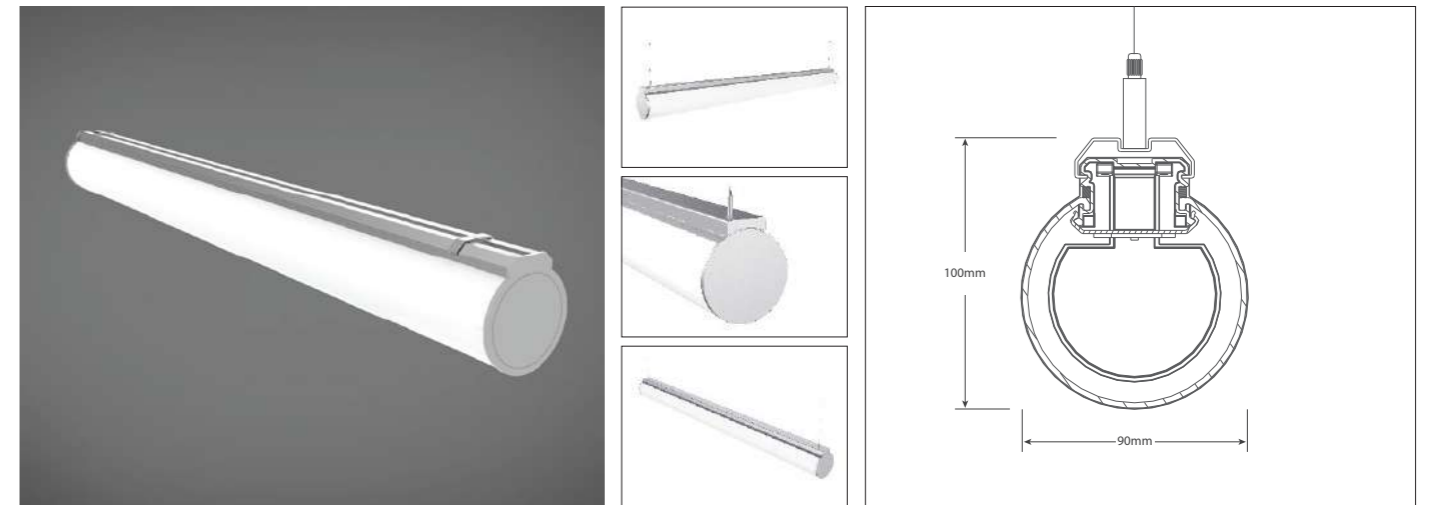
Certifications



Subject to technical alterations.

LINEA circular

LED luminaire for suspended mounting with linear extruded aluminum base, screwless aluminum die cast and end caps and circular shapes diffuser which provides 270° illumination and smooth uniform appearance. Advanced Thermal Management ensures maximum lumen maintenance and consistent Color temperature. Linea Rectangular series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



BRIEF INTRODUCTION:

HS-0101-LC

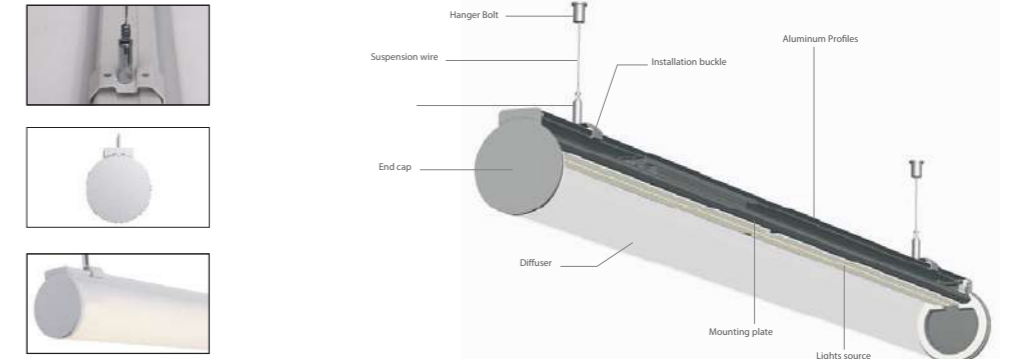
Power Input:
39W, 78W
Current Input: Respectively for power
100W

Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%

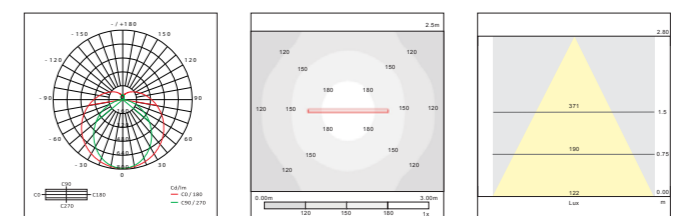
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90
Maximum Continuous Operation
Temperature: 60 °C

IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Suspended / Ceiling Mounted

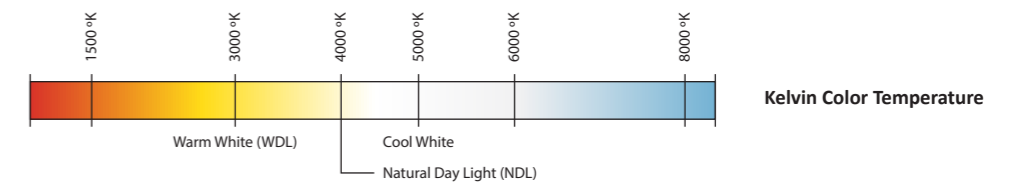
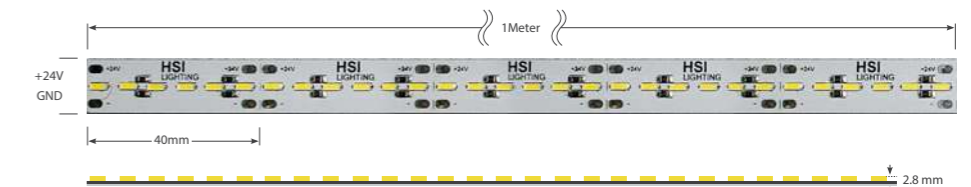
Material: Aluminum
Application: Indoor
Size: 1150X90mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for genral lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



Certifications



Subject to technical alterations.

LINEA rectangle w35b

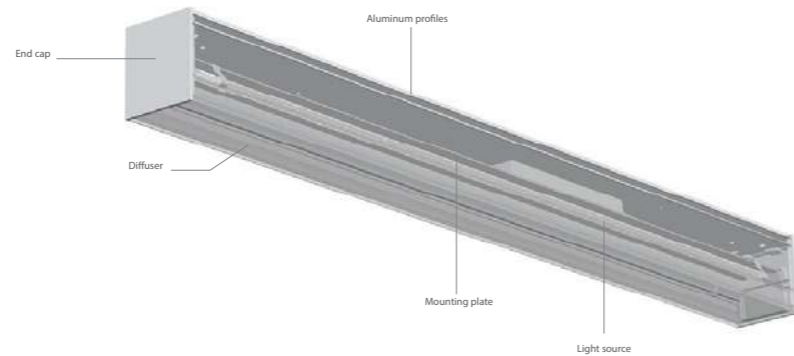
LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminum body with screw-less aluminum die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface. Advanced Thermal Management ensures maximum lumen maintenance and consistent color temperature. Linea Series as a lighting system luminaire allows the creation of shadow free continuous rows with interruption or light gaps.



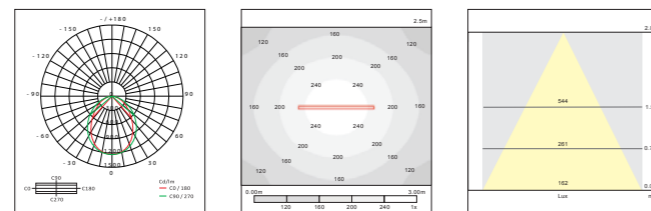
BRIEF INTRODUCTION:

HS-0104-LC

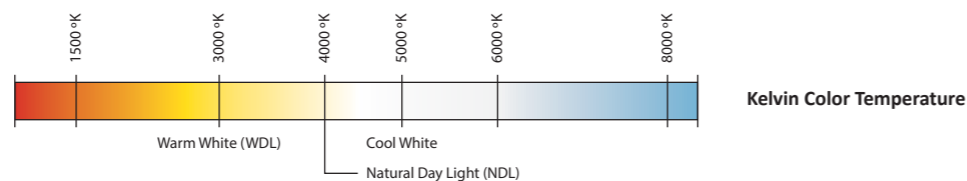
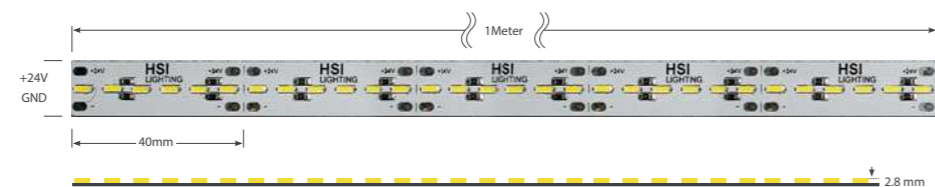
Power Input:
39W, 78W
Current Input: Respectively for power 100W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90
Maximum Continuous Operation Temperature: 60 °C
IP: 43
Optional integral dimmable driver: 1-10V / DMX / DALI
Type: Suspended / Ceiling Mounted / Recessed
Material: Aluminum
Application: Indoor
Size: VariableX35mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



Certifications



Subject to technical alterations.

LINEA rectangle w35a

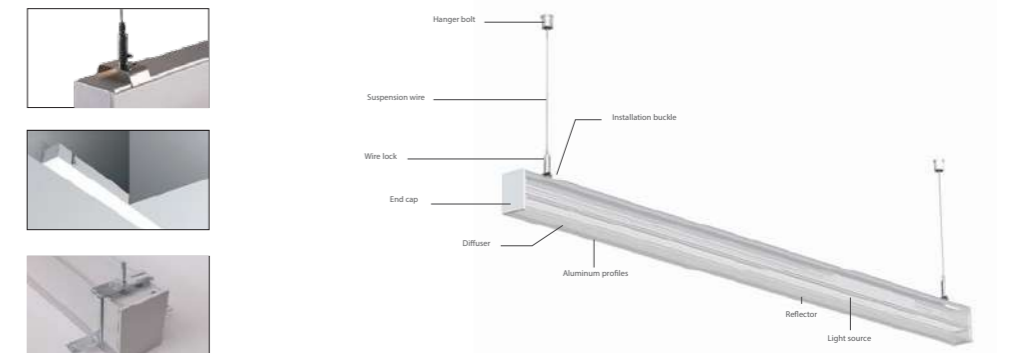
LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminum body with screw-less aluminum die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface. Advanced Thermal Management ensures maximum lumen maintenance and consistent color temperature. Linea Series as a lighting system luminaire allows the creation of shadow free continuous rows with interruption or light gaps.



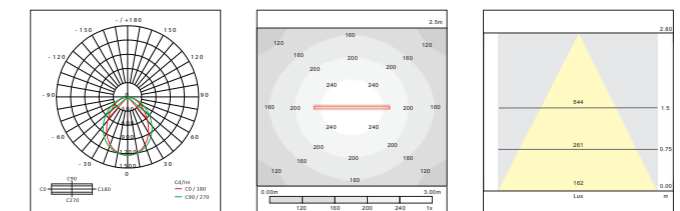
BRIEF INTRODUCTION:

HS-0103-LC

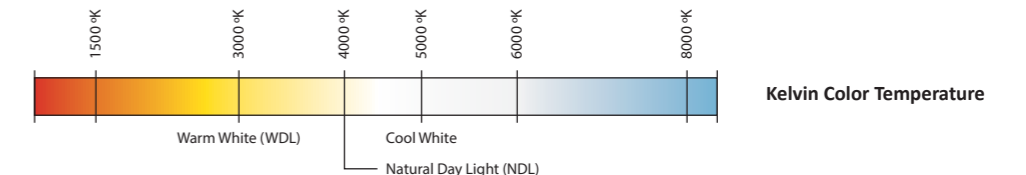
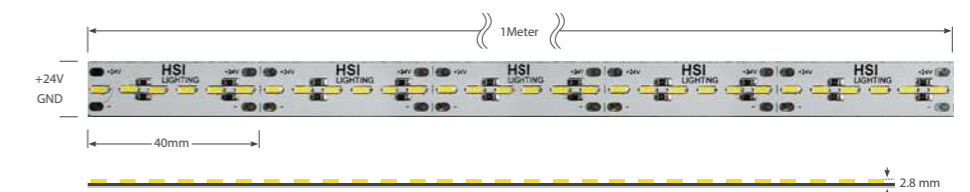
Power Input:
39W, 78W
Current Input: Respectively for power 100W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90
Maximum Continuous Operation Temperature: 60 °C
IP: 43
Optional integral dimmable driver: 1-10V / DMX / DALI
Type: Suspended / Ceiling Mounted / Recessed
Material: Aluminum
Application: Indoor
Size: VariableX35mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



Certifications



Subject to technical alterations.

LINEA rectangle



LINEA rectangle w65

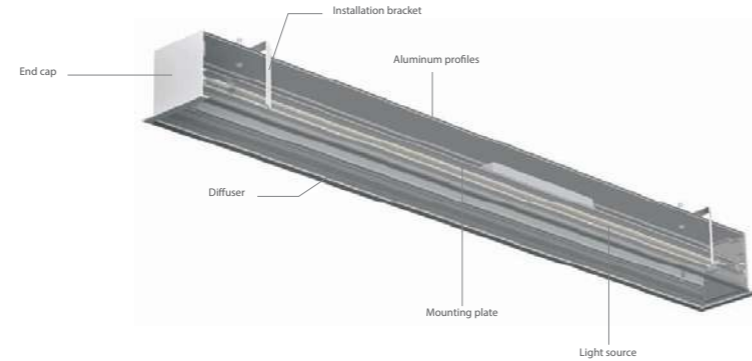
LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminum body with screw-less aluminum die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface. Advanced Thermal Management ensures maximum lumen maintenance and consistent color temperature. Linea Series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



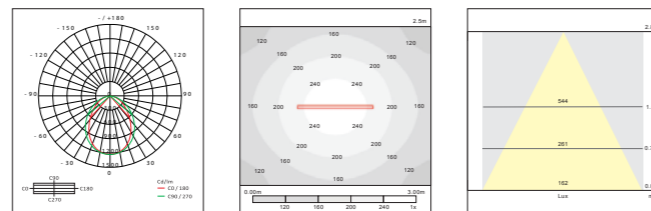
BRIEF INTRODUCTION:

HS-0106-LC

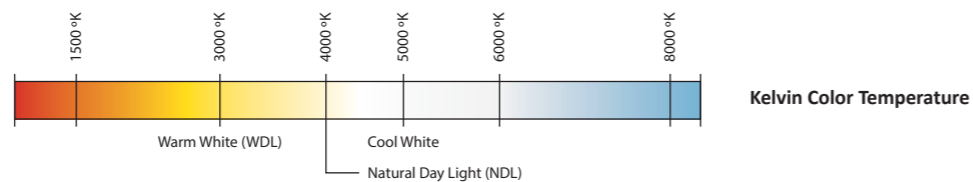
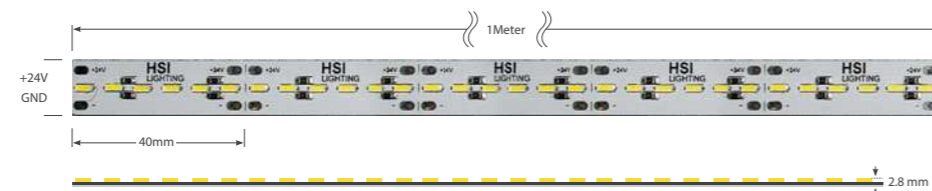
Power Input:
78W, 117W
Current Input: Respectively for power
100W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 5000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90°C
Maximum Continuous Operation
Temperature: 60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Recessed
Material: Aluminum
Application: Indoor
Size: VariableX65mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



Certifications



Subject to technical alterations.

LINEA rectangle w37

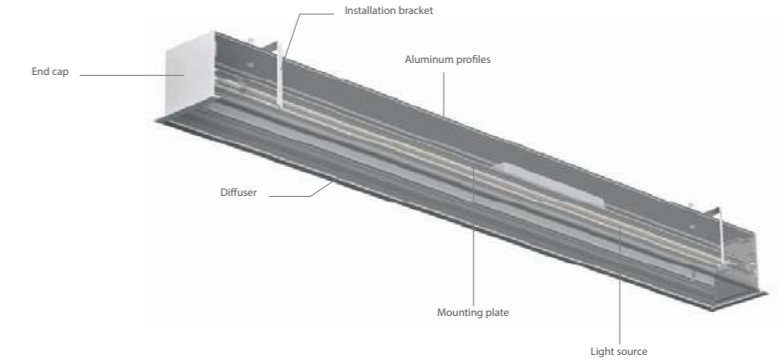
LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminum body with screw-less aluminum die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface. Advanced Thermal Management ensures maximum lumen maintenance and consistent color temperature. Linea Series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



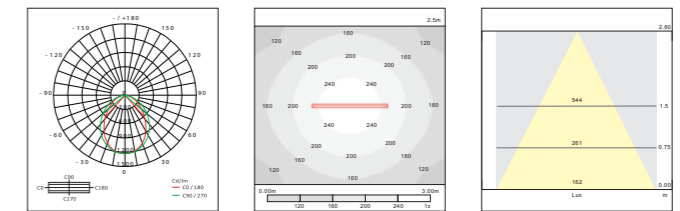
BRIEF INTRODUCTION:

HS-0105-LC

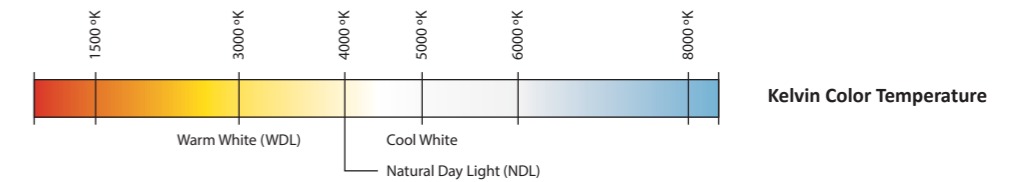
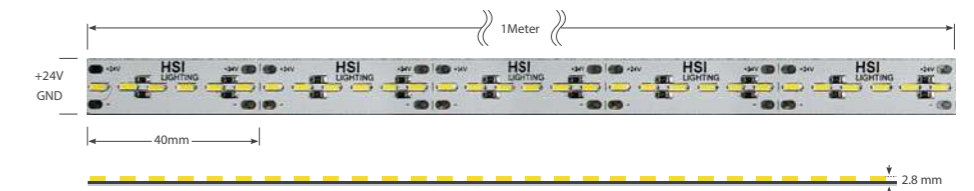
Power Input:
39W, 78W
Current Input: Respectively for power
100W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90°C
Maximum Continuous Operation
Temperature: 60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Recessed
Material: Aluminum
Application: Indoor
Size: VariableX37mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior desing of the ceiling.



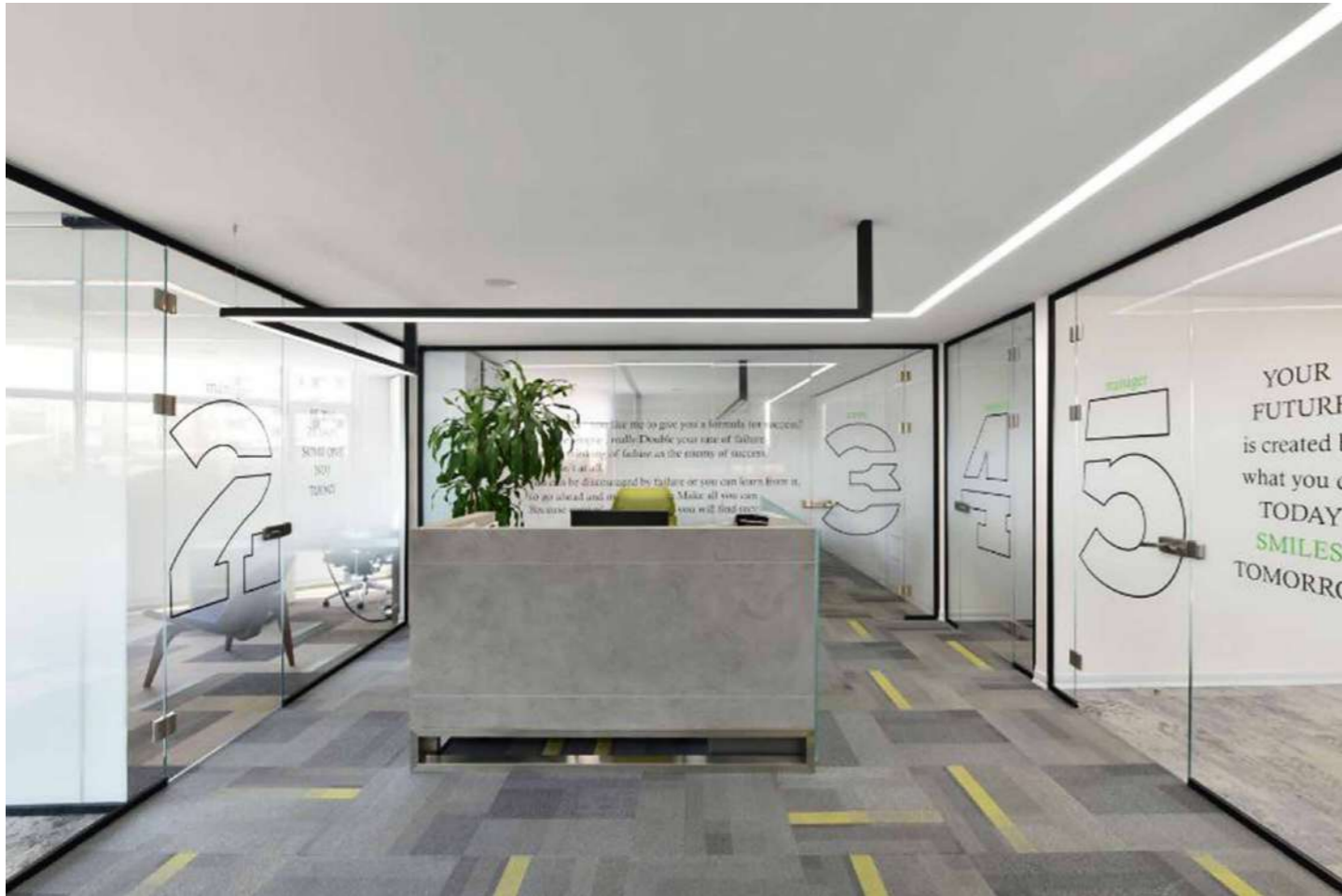
Color Options



Certifications



Subject to technical alterations.



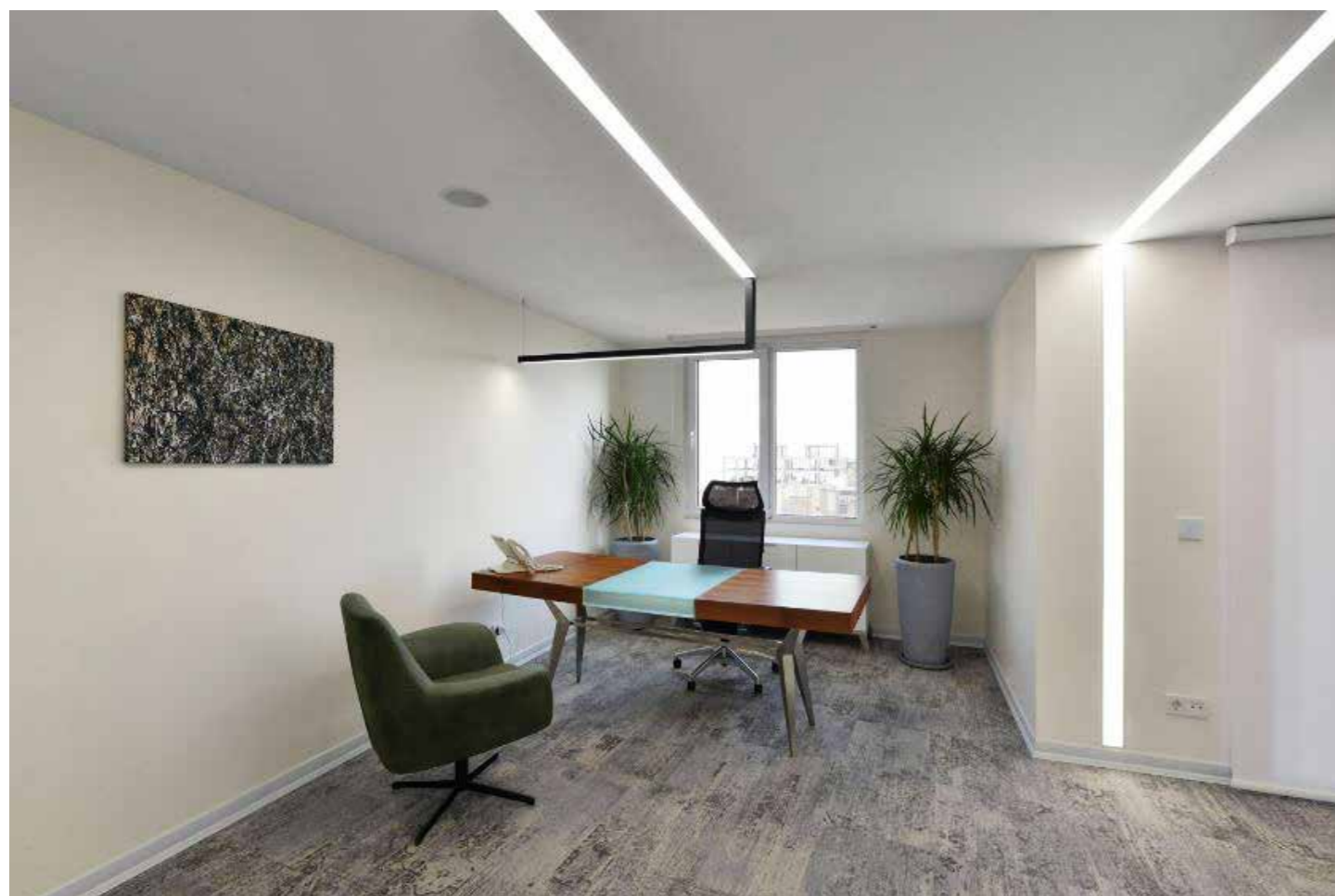
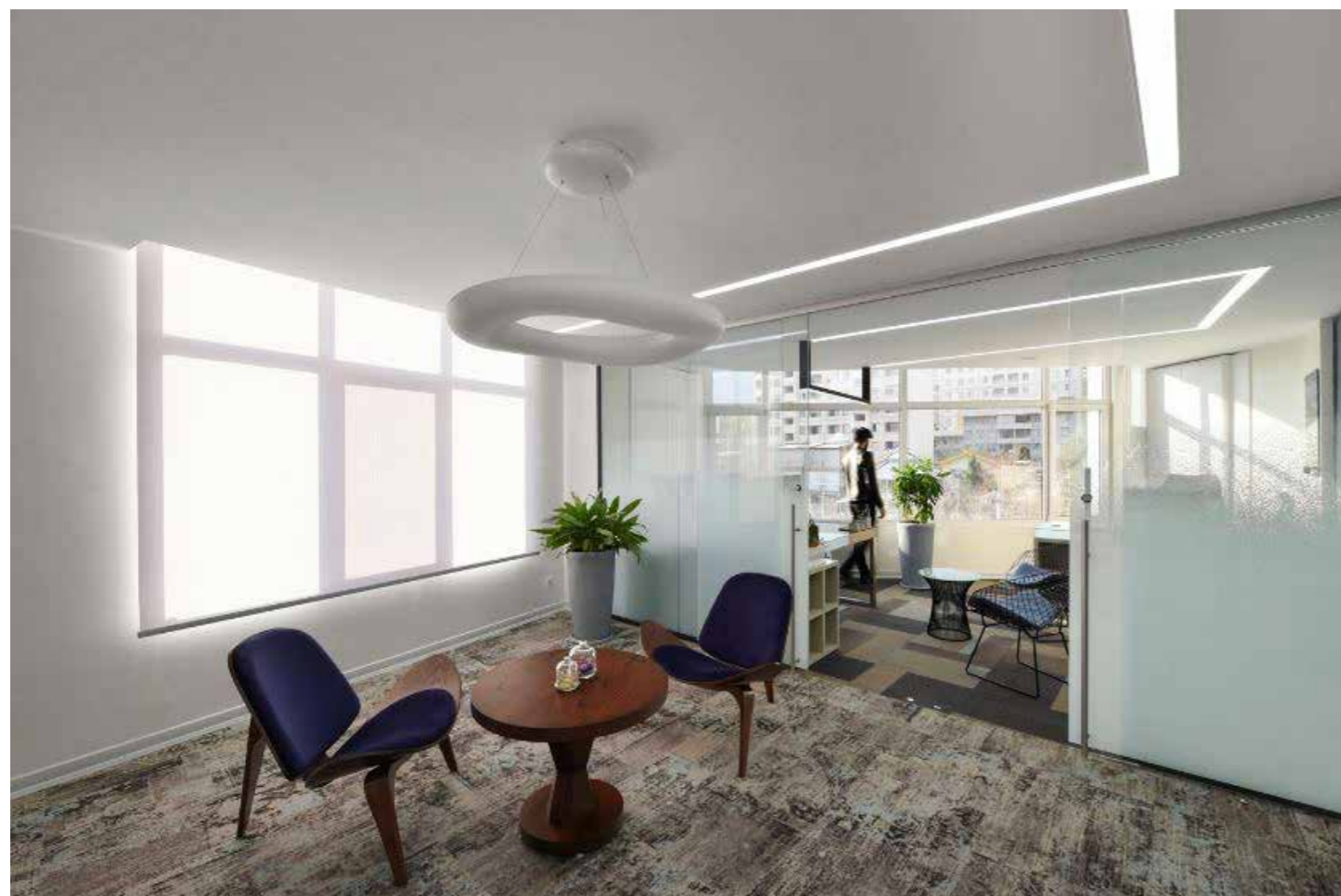
PERPEROOK central office

Consultation, lighting design, Supply luminaires equipment & Execution the lighting project



دفتر مرکزی پرپروک

مشاوره، طراحی سیستم روشنایی و نورپردازی، تامین تجهیزات و اجرای پروژه روشنایی و نورپردازی



LINEA rectangle w 50x140



BREIF INTRODUCTION:

HS-0108-LC

Power Input:
39W, 78W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continuous operation
temperature: <27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v / DMX / DALI / Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White/ Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, s,steel
hanging system

Color Options



Compliance



Subject to technical alterations.

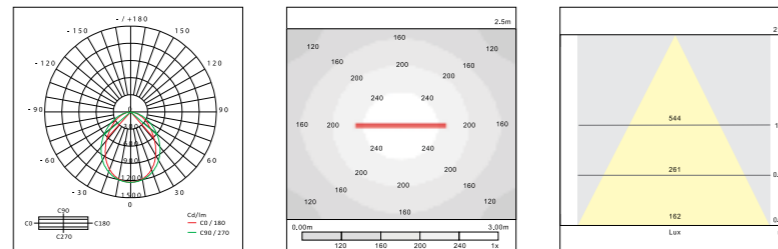
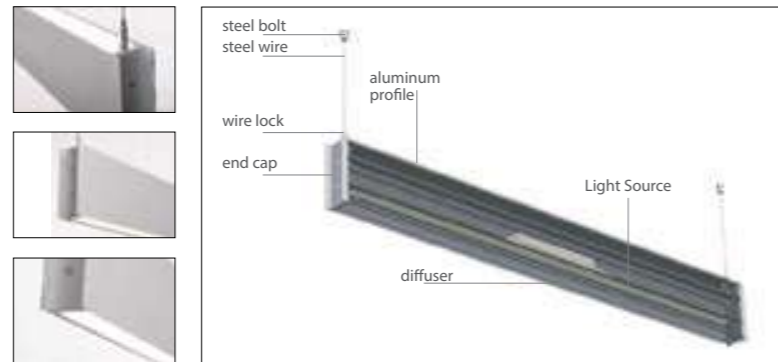
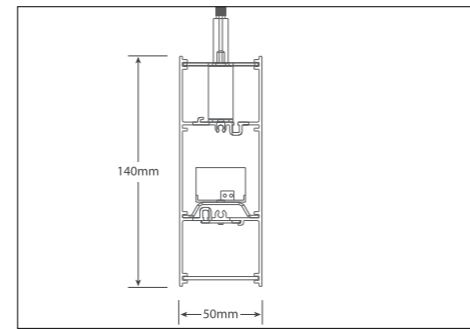
Description:

Linea series, modularized suspended lighting system with innovative structure. Slim aluminium profile overthrew traditional flat structure design. Compact, graceful modules, integrated with 501 B series LED spot light to make an unique system to combine static general lighting and dynamic lighting together. Application: Offices, Educational Institutes, Hospitals, Warehouse etc..

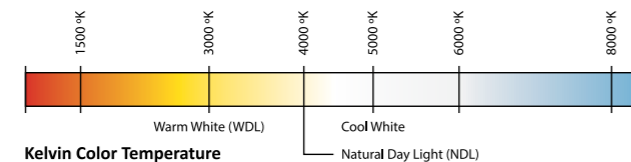
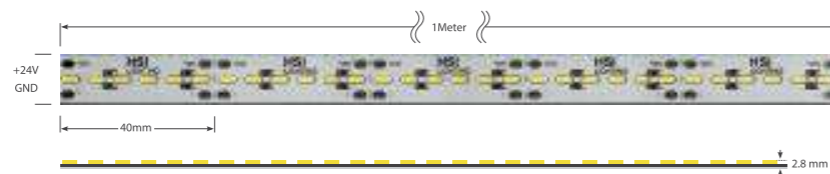


Thermal Adhesive Tape

Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoelastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and unique characteristic for thermal tape.

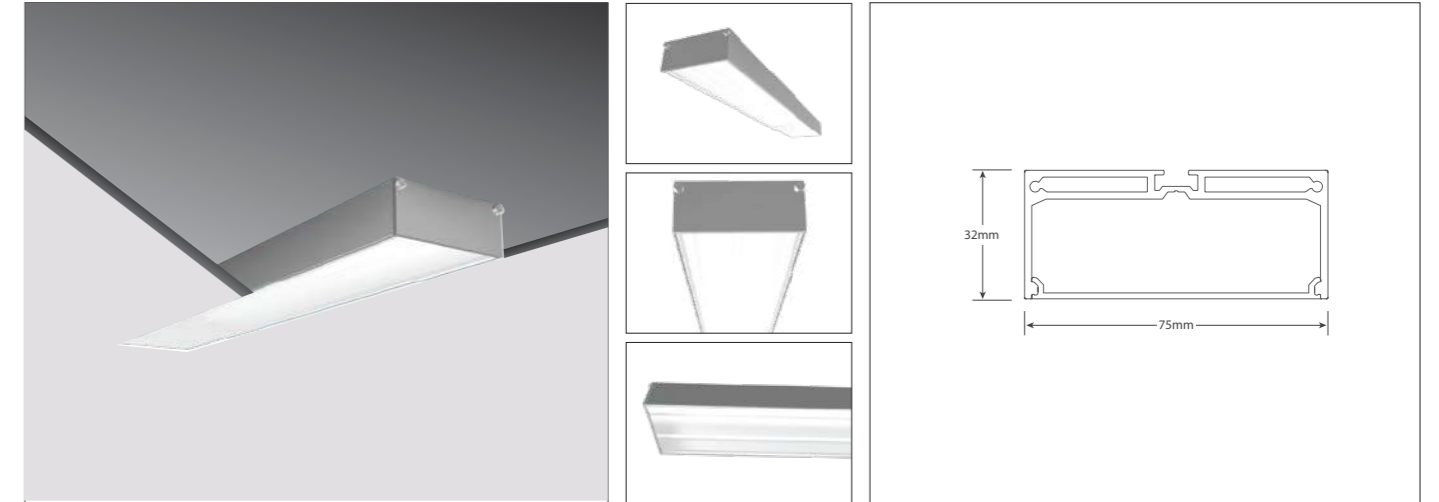


We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA rectangle w75

LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminum body with screw-less aluminum die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface. Advanced Thermal Management ensures maximum lumen maintenance and consistent color temperature. Linea Series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



BRIEF INTRODUCTION:

HS-0107-LC

Power Input:
78W, 117W, 156W
Current Input: Respectively for power
150W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 5000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90°C
Maximum Continuous Operation
Temperature: 60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Hanging, Recessed
Ceiling mounted
Material: Aluminum
Application: Indoor
Size: VariableX75mm

Color Options

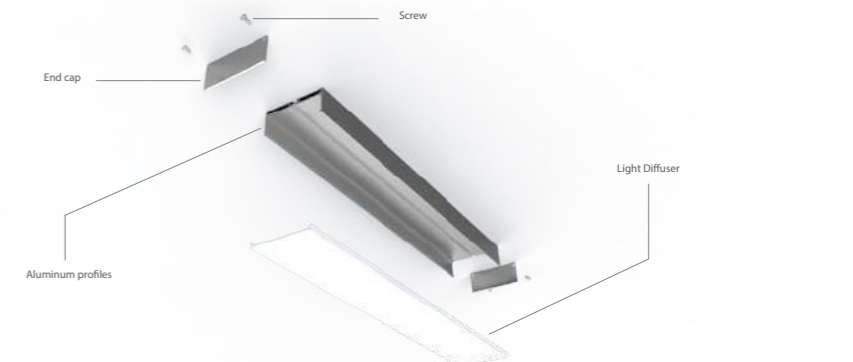


Certifications

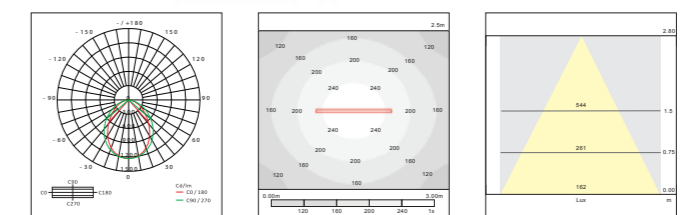


Subject to technical alterations.

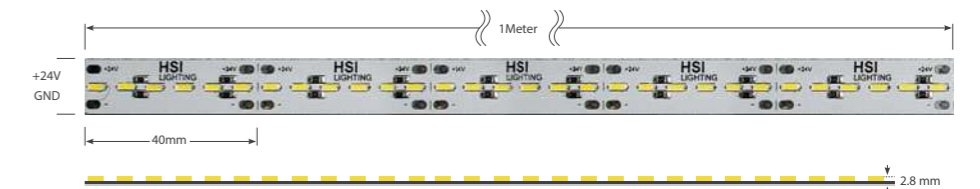
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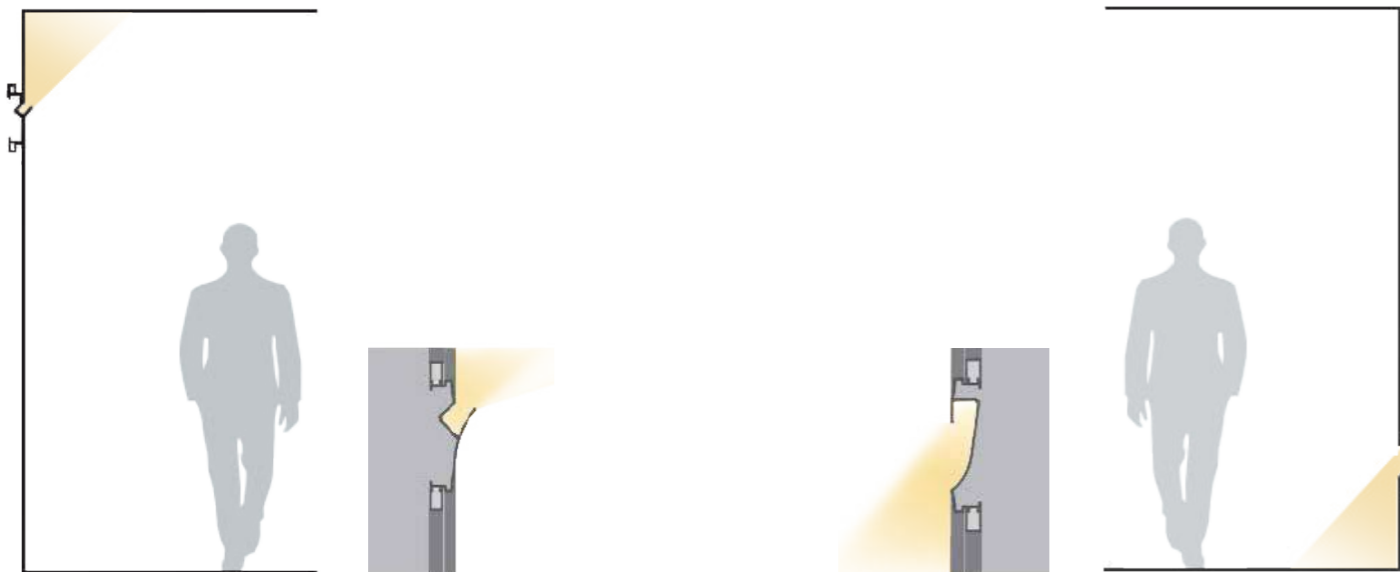
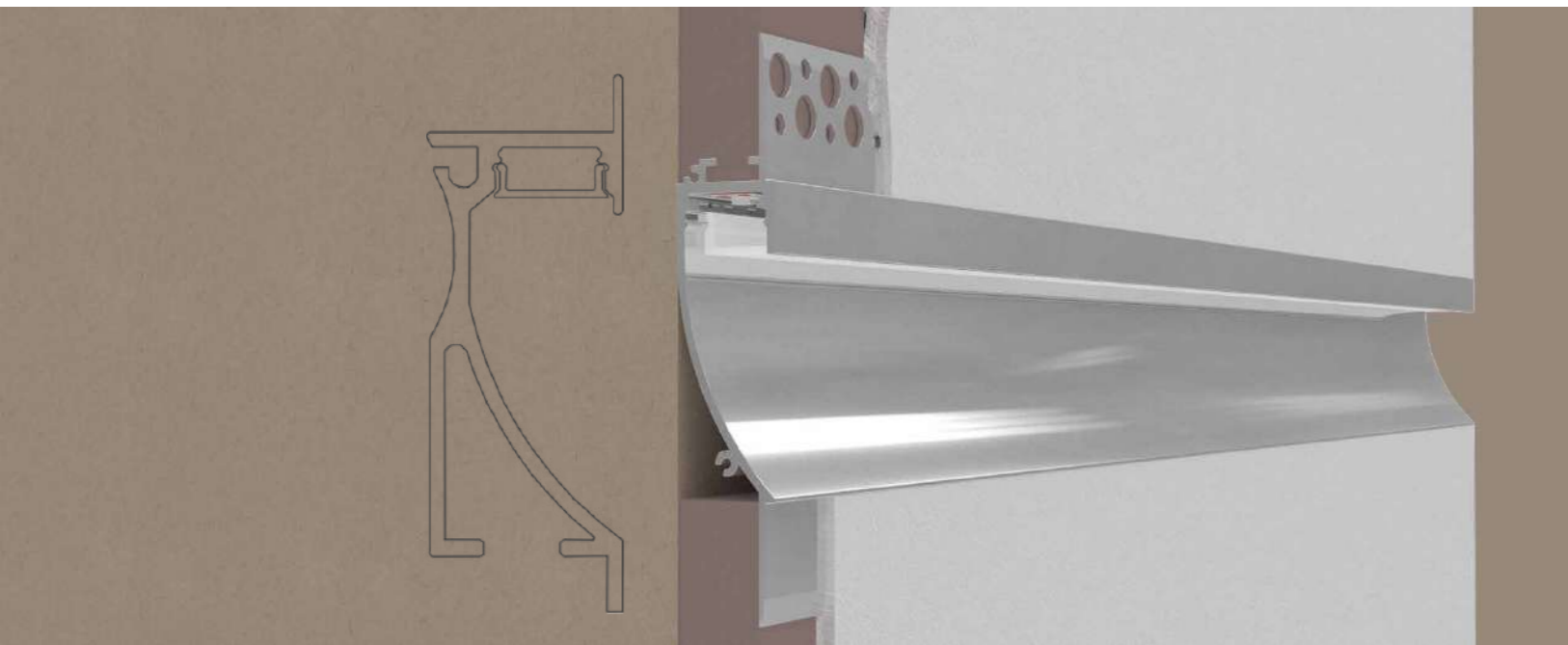
Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for genral lighting, offices and lobbies which can easily match with interior desing of the ceiling.



LINEA rectangle



LINEA rectangle ww 76x22



BREIF INTRODUCTION: HS-0109-LC

Power Input:
39W / Meter

Current Input: Respectively for power
24V Constant Voltage

Light Efficacy: Max 180 lm/Watt

CCT: 2700K, 3000K, 4000K, 6000K

CRi: >85, >90

Driver Efficiency: >95%

Driver Power Factor: >90

Short Circuit, Overload, Over heat
Protection: Available

Sound Rating: Class A

COB junction temperature: <90 °c

Maximum Continous operation
temperature: < 27 °c

IP: 54

Tunable Function: 2700K - 6500K

Tunable option controller
remote RF driver, DMX

Optional Integrated Dimmable Driver:
1-10v/DMX / Dali / Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended

Material: Extrude Aluminium Channel

Color: Black/ White / Silver

Finishing: Matt powder coated

Beam Angle: Flood

Active Heat Disappassion : N/A

Lens: N/A

Cut Out size: Subject to different profile

Extra accessories: End cap, s.steel
hanging system

Color Options



Compliance



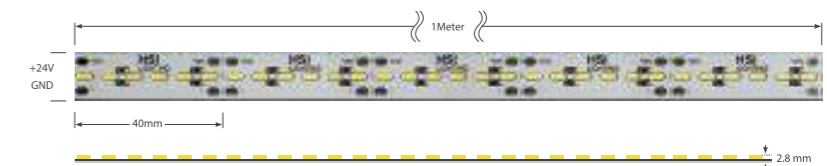
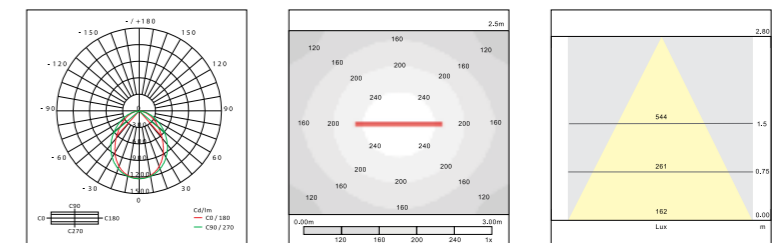
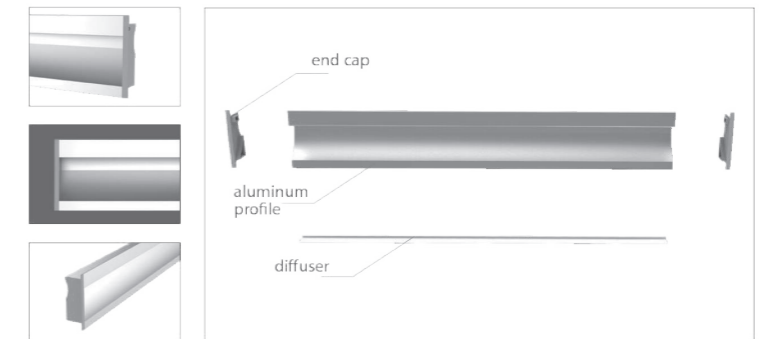
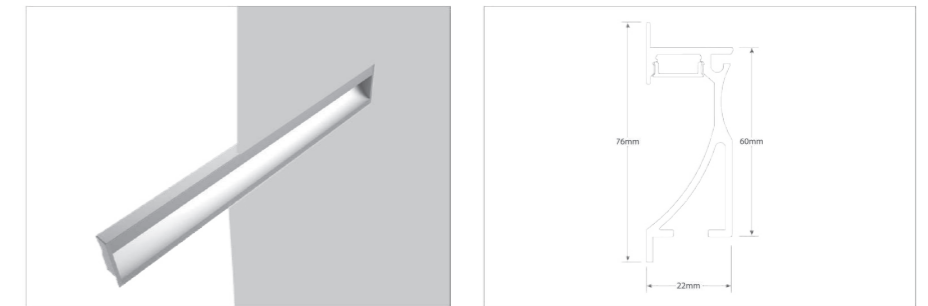
Subject to technical alternations.

Description:

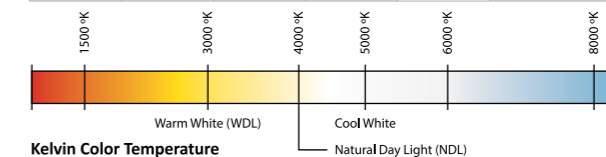
Linea series, modularized suspended lighting system with innovative structure. Slim aluminium profile overthrew traditional flat structure design. Compact, graceful modules, integrated with 501 B series LED spot light to make an unique system to combine static general lighting and dynamic lighting together. Application: Offices, Educational Institutes, Hospitals, Warehouse etc..

Thermal Adhesive Tape

Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoelastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and uniqe chracteristic for thermal tape.



LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Correlated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	38	1050	24V	3000,	6840	180	>85, >90	-40... +55	Dimmable, Tuneable, Attachable
2 rows	N/A	---	---	4000,	---	---	>85, >90	-40... +55	
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	



Kelvin Color Temperature Natural Day Light (NDL)

LINEA cubo w 35x44



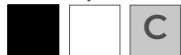
BREIF INTRODUCTION: HS-0111-LC

Power Input:
39W, 78W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continous operation
temperature: < 27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White / Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, ssteel
hanging system

Color Options



Compliance



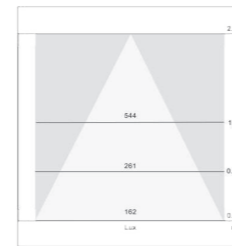
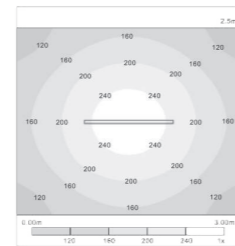
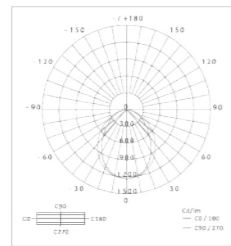
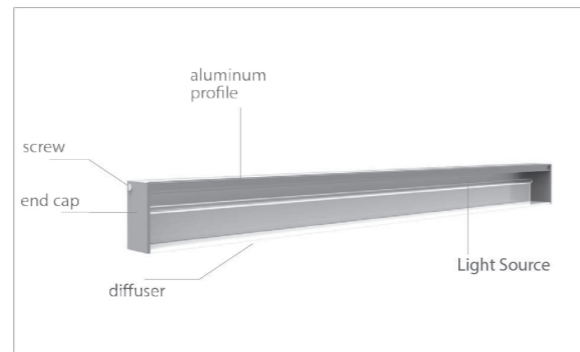
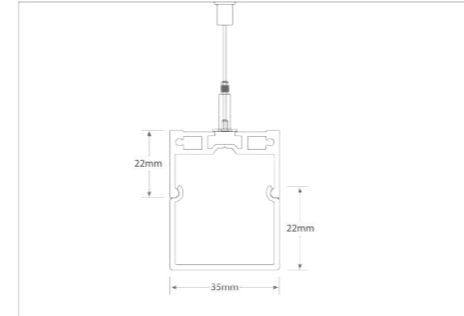
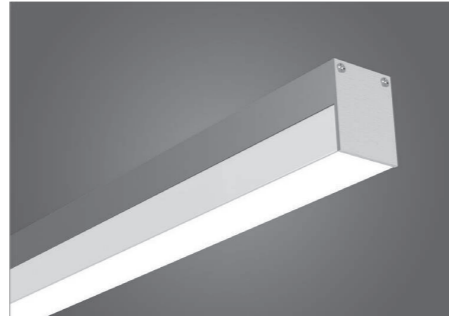
Subject to technical alternations.

Description:

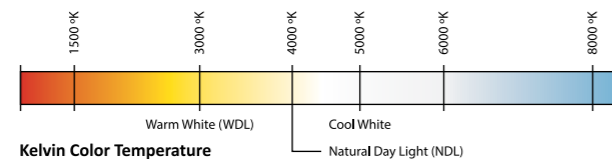
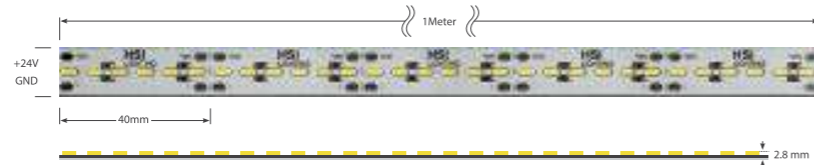
730 Series, modularized suspended lighting system with innovative structure. Slim aluminum profile overthrew traditional flat structure design. Compact, graceful modules, integrated with 501 B series LED spot light to make an unique system to combine static general lighting and dynamic lighting together. Application: Offices, Educational Institutes, Hospitals, Warehouse etc..

Thermal Adhesive Tape

Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoelastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and uniqe chracteristic for thermal tape.

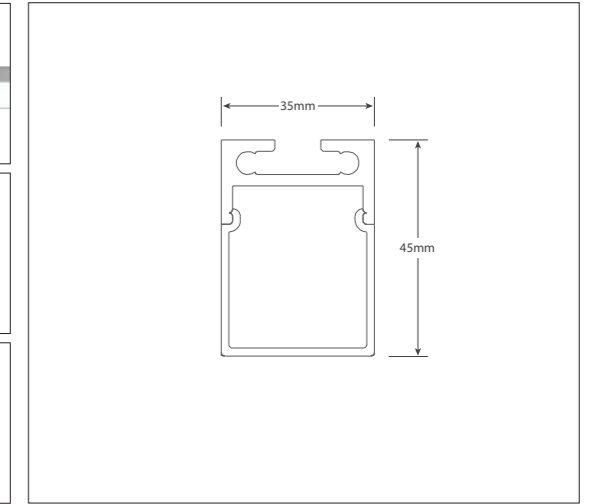
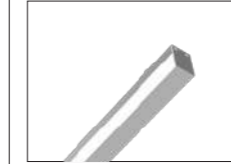


We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA rectangle w35C

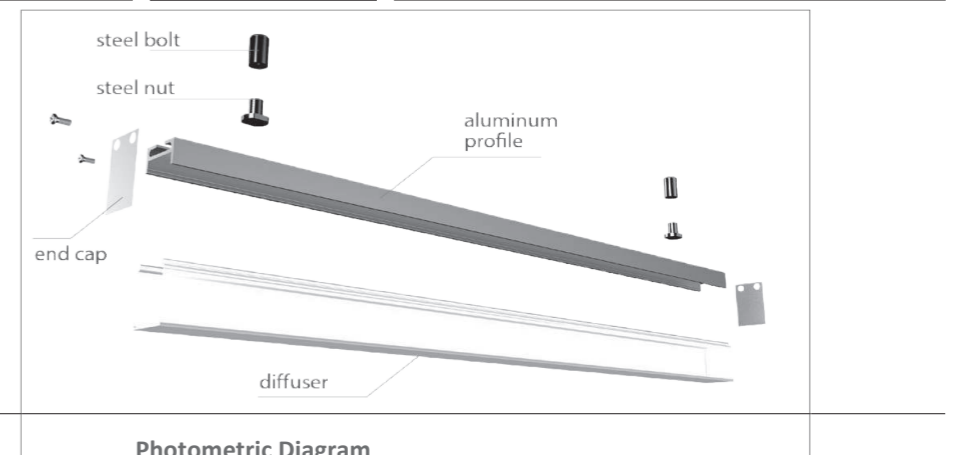
730 Series, modularized suspended lighting system with innovative structure. Slim aluminum profile overthrew traditional flat structure design. Compact, graceful modules, integrated with 501 B series LED spot light to make an unique system to combine static general lighting and dynamic lighting together. Application: Offices, Educational Institutes, Hospitals, Warehouse, Hospitality, Tetails ETC.



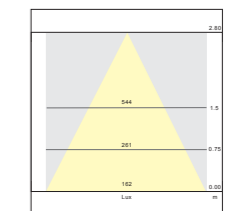
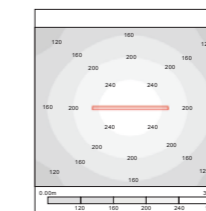
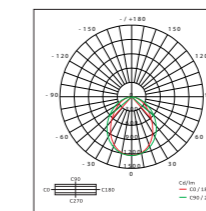
BRIEF INTRODUCTION:

HS-0110-LC

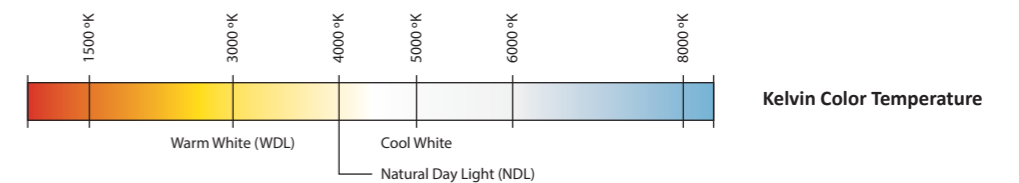
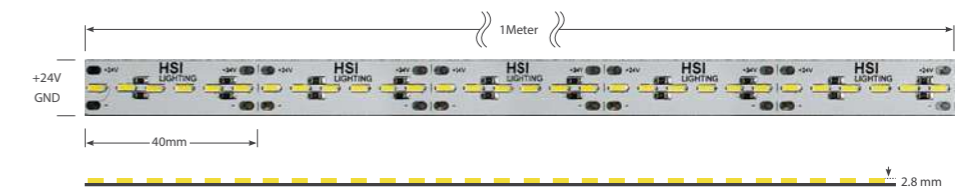
Power Input:
39W
Current Input: Respectively for power
100W
Light efficacy: 120lm/watt
CCT: 3000K, 4000K, 6000K
CRI: >83
R9 Value: 43, for 4000K
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Built-in short circuit overload: available
Sound Rating: Class-A
Junction Temperature: <90°C
Maximum Continuous Operation
Temperature: 60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI
Type: Hanging, Recessed
Ceiling mounted
Material: Aluminum
Application: Indoor
Size: VariableX35mm



Photometric Diagram



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These high intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for genral lighting, offices and lobbies which can easily match with interior desing of the ceiling.



Color Options



Certifications



Subject to technical alterations.

LINEA rectangle w 50x70 b



BREIF INTRODUCTION:

HS-0113-LC

Power Input:
39W, 78W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continous operation
temperature: < 27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White / Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, s,steel
hanging system

Color Options



Compliance



Subject to technical alternations.

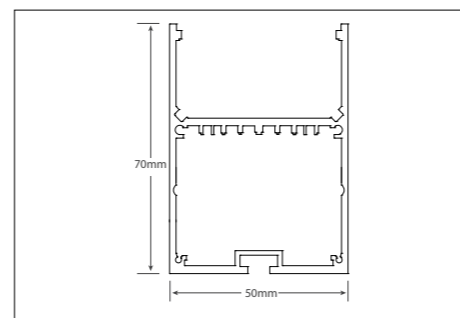
Description:

LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminium body with screw-less aluminium die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA diffuser flush with the edge of the fixture on the direct and indirect light emitting surface.

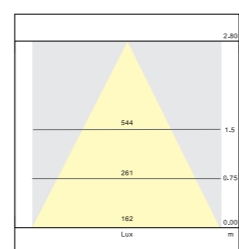
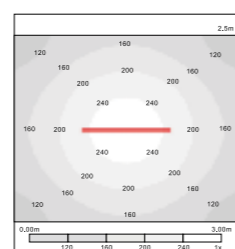
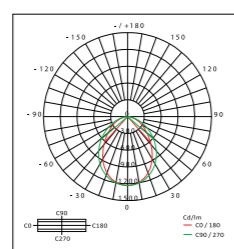
Advanced Thermal Management ensures maximum lumen maintenance and consistent colour temperature. Linea series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.

Thermal Adhesive Tape

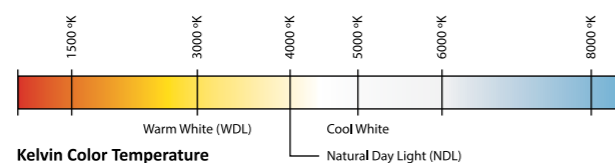
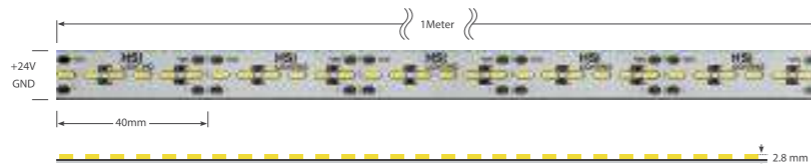
Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoelastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and uniqe chracteristic for thermal tape.



LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Corlerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	35	1050	24V	3000,	6300	180	>85, >90	-40... +55	Dimmable, Tuneable, Attachable
2 rows	70	1050	24V	4000,	12600	180	>85, >90	-40... +55	
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA rectangle w 35x73 b



BREIF INTRODUCTION:

HS-0112-LC

Power Input:
39W, 78W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continous operation
temperature: < 27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White / Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, s,steel
hanging system

Color Options



Compliance



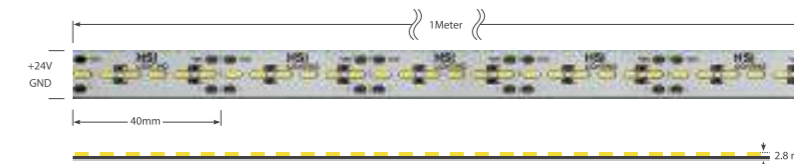
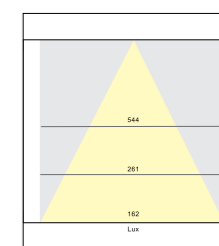
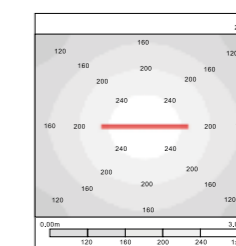
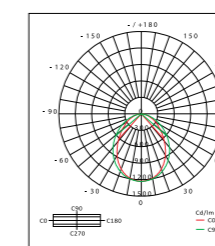
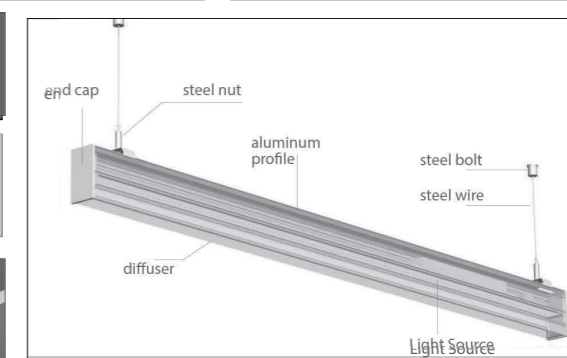
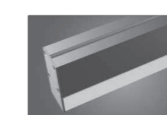
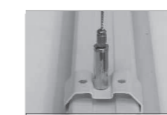
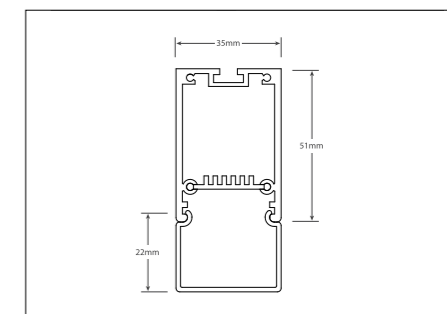
Subject to technical alternations.

Description:

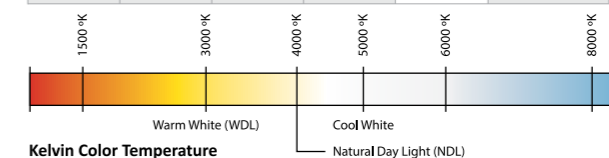
730 Series, modularized suspended lighting system with innovative structure. Slim aluminium profile overthrew traditional flat structure design. Compact, graceful modules, integrated with 501 B series LED spot light to make an unique system to combine static general lighting and dynamic lighting together. Application: Offices, Educational Institutes, Hospitals, Warehouse etc..

Thermal Adhesive Tape

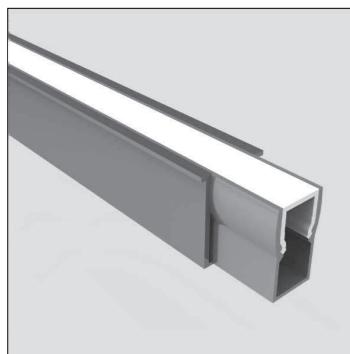
Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoelastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and uniqe chracteristic for thermal tape.



LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Corlerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	38	1050	24V	3000,	6840	180	>85, >90	-40... +55	Dimmable, Tuneable, Attachable
2 rows	N/A	---	---	4000,	---	---	>85, >90	-40... +55	
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	



LINEA Channel w 14x20



BREIF INTRODUCTION:

HS-0115-LC
 Power Input: 35W / Meter
 Current Input: Respectively for power 24V Constant Voltage
 Light Efficacy: Max 180 lm/Watt
 CCT: 2700K, 3000K, 4000K, 6000K
 CRI: >85, >90
 Driver Efficiency: >95%
 Driver Power Factor: >90
 Short Circuit, Overload, Over heat Protection: Available
 Sound Rating: Class A
 COB junction temperature: <90 °c
 Maximum Continuous operation temperature: <27 °c
 IP: 54
 Tunable Function: 2700K - 6500K
 Tunable option controller remote RF driver, DMX
 Optional Integrated Dimmable Driver: 1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for indirect and under Shelf Recessed light
 Material: Extrude Aluminium Channel
 Color: Black/ White / Silver
 Finishing: Matt powder coated
 Beam Angle: Flood
 Active Heat Disappassion : N/A
 Lens: N/A
 Cut Out size: Subject to different profile
 Extra accessories: End cap, s.steel hanging system

Color Options



Compliance

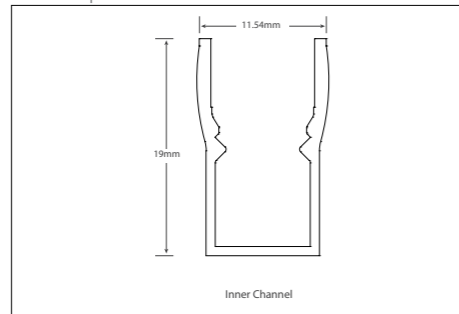


Subject to technical alternations.

Description:

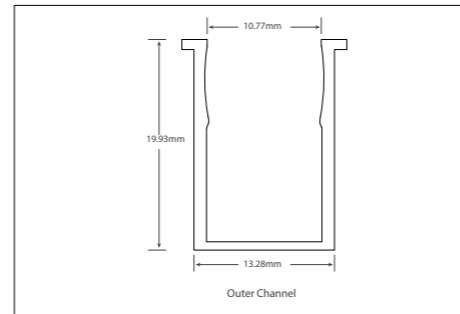
LED luminaire for suspended recessed with HSI innovative direct and indirect illumination concept. This inner profile profile we can impose into the outer profile without any screws for the recessed condition. Also we can use the inner profile seperately for the hanging light.

Advanced Thermal Managment ensures maximum lumen maintenance and consistent colour temperature.

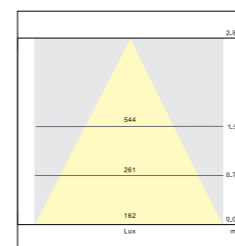
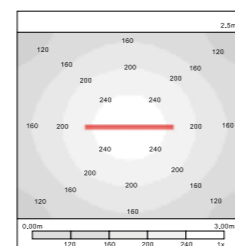
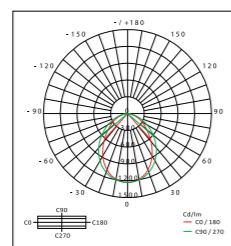


Thermal Adhesive Tape

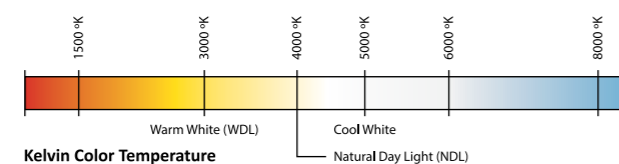
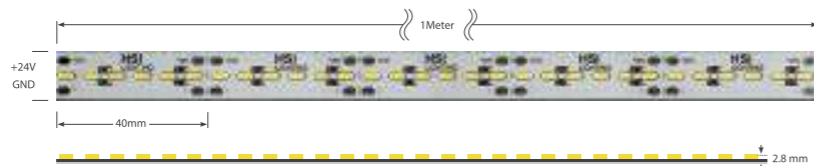
Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoe-lastic in nature. this gives the foam energy absorbing heat and stress properties. the acrylic chemistry provides outstanding durability performance and uniqe chracter-istic for thermal tape.



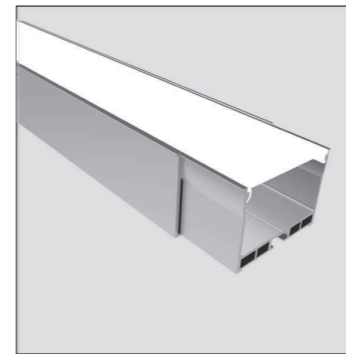
LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Collerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	38	1050	24V	3000,	6840	180	>85, >90	-40... +55	Dimmable,
2 rows	N/A	---	---	4000,	---	---	>85, >90	-40... +55	Tuneable,
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	Attachable



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA Channel w 60x36



BREIF INTRODUCTION:

HS-0114-LC
 Power Input: 39W, 78W / Meter
 Current Input: Respectively for power 24V Constant Voltage
 Light Efficacy: Max 180 lm/Watt
 CCT: 2700K, 3000K, 4000K, 6000K
 CRI: >85, >90
 Driver Efficiency: >95%
 Driver Power Factor: >90
 Short Circuit, Overload, Over heat Protection: Available
 Sound Rating: Class A
 COB junction temperature: <90 °c
 Maximum Continuous operation temperature: <27 °c
 IP: 54
 Tunable Function: 2700K - 6500K
 Tunable option controller remote RF driver, DMX
 Optional Integrated Dimmable Driver: 1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling Mounted / Suspended / Recessed
 Material: Extrude Aluminium Channel
 Color: Black/ White / Silver
 Finishing: Matt powder coated
 Beam Angle: Flood
 Active Heat Disappassion : N/A
 Lens: N/A
 Cut Out size: Subject to different profile
 Extra accessories: End cap, s.steel hanging system

Color Options



Compliance

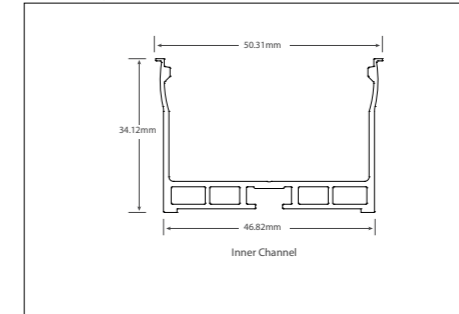


Subject to technical alternations.

Description:

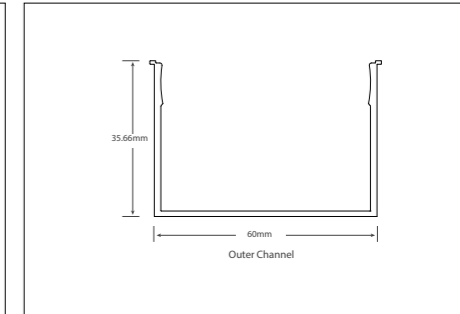
LED luminaire for suspended recessed with HSI innovative direct and indirect illumination concept. This inner profile profile we can impose into the outer profile without any screws for the recessed condition. Also we can use the inner profile seperately for the hanging light.

Advanced Thermal Managment ensures maximum lumen maintenance and consistent colour temperature.

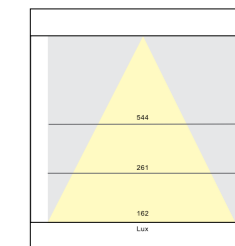
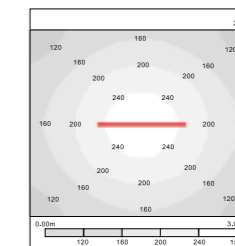
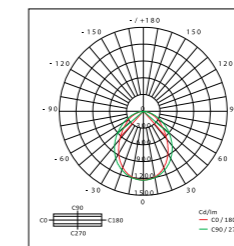


Thermal Adhesive Tape

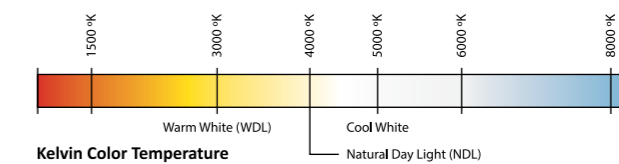
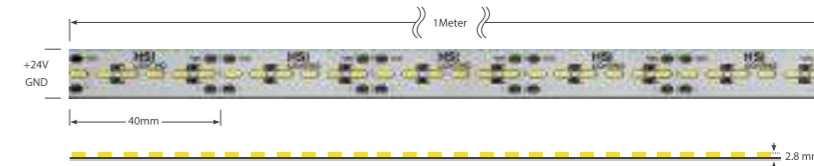
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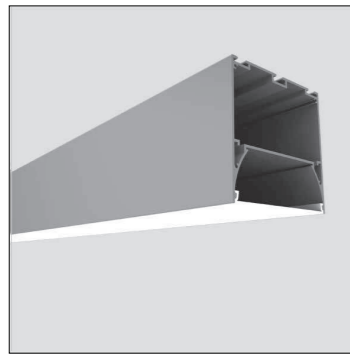
LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Collerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	35	1050	24V	3000,	6300	180	>85, >90	-40... +55	Dimmable,
2 rows	70	1050	24V	4000,	12600	180	>85, >90	-40... +55	Tuneable,
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	Attachable



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA rectangle w 75x75



BREIF INTRODUCTION: HS-0117-LC

Power Input:
78W, 117W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continuous operation
temperature: <27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White / Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, s.steel
hanging system

Color Options



Compliance



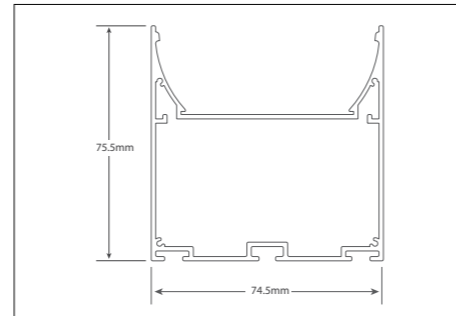
Subject to technical alternations.

Description:

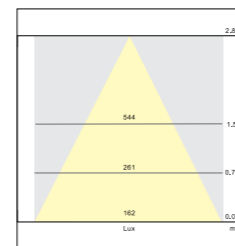
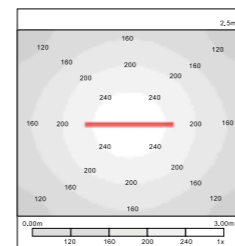
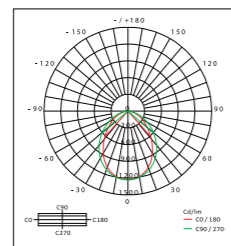
LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminium body with screw-less aluminium die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA dif-fuser flush with the edge of the fixture on the direct and indirect light emitting surface.

Thermal Adhesive Tape

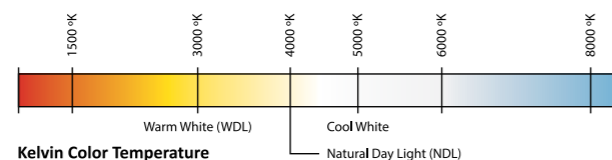
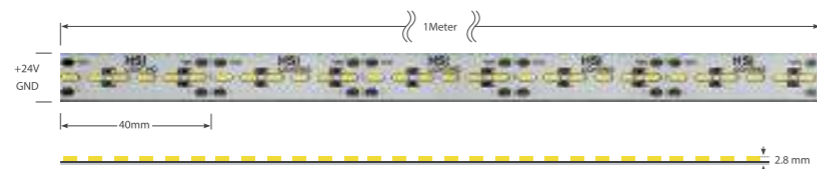
Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoe-lastic in nature. this gives the foam energy absorbing heat and stress properties . the acrylic chemistry provides outstanding durability performance and uniqe chracter-istic for thermal tape.



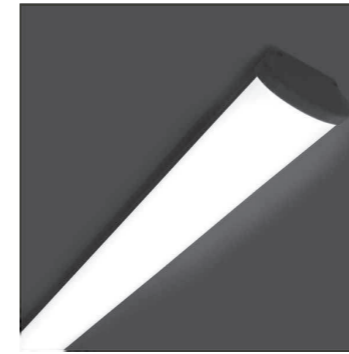
LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Collerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	35	1050	24V	3000,	6300	180	>85, >90	-40... +55	Dimmable,
2 rows	70	1050	24V	4000,	12600	180	>85, >90	-40... +55	Tuneable,
3 rows	105	1050	24V	5700	18900	180	>85, >90	-40... +55	Attachable



We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LINEA curve



BREIF INTRODUCTION: HS-0116-LC

Power Input:
36W, 72W / Meter
Current Input: Respectively for power
24V Constant Voltage
Light Efficacy: Max 180 lm/Watt
CCT: 2700K, 3000K, 4000K, 6000K
CRI: >85, >90
Driver Efficiency: >95%
Driver Power Factor: >90
Short Circuit, Overload, Over heat
Protection: Available
Sound Rating: Class A
COB junction temperature: <90 °C
Maximum Continuous operation
temperature: <27 °C
IP: 54
Tunable Function: 2700K - 6500K
Tunable option controller
remote RF driver, DMX
Optional Integrated Dimmable Driver:
1-10v/DMX /Dali /Triac

FIXTURE DATA:

Recommended for Ceiling Mounted /
Suspended
Material: Extrude Aluminium Channel
Color: Black/ White / Silver
Finishing: Matt powder coated
Beam Angle: Flood
Active Heat Disappassion : N/A
Lens: N/A
Cut Out size: Subject to different profile
Extra accessories: End cap, s.steel
hanging system

Color Options



Compliance



Subject to technical alternations.

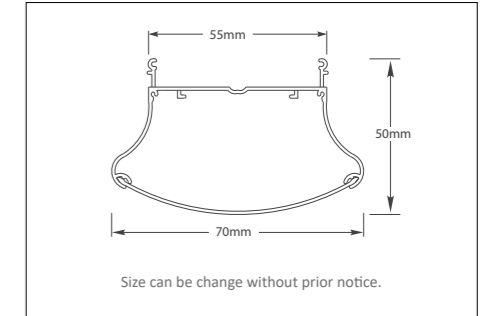
Description:

LED luminaire for suspended mounting with HSI innovative direct and indirect illumination concept. Linear extruded aluminium body with screw-less aluminium die cast and end-caps. Highlight transmitting and diffusing special for LED wavelength developed PMMA dif-fuser flush with the edge of the fixture on the direct and indirect light emitting surface.

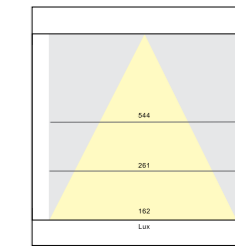
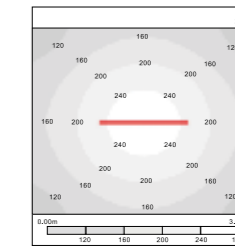
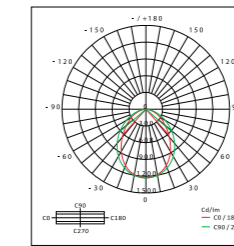
Thermal Adhesive Tape

Thermal adhesive tape such as 3M™ VHB™ is made with acrylic foam which is aiscoe-lastic in nature. this gives the foam energy absorbing heat and stress properties . the acrylic chemistry provides outstanding durability performance and uniqe chracter-istic for thermal tape.

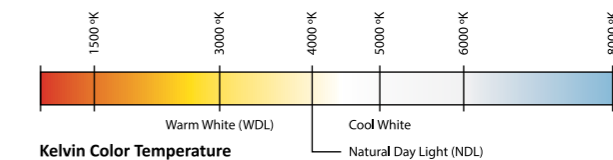
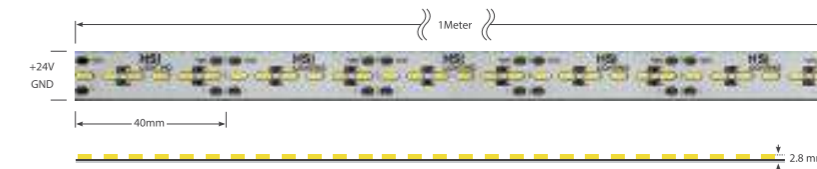
Advanced Thermal Managment ensures maximum lumen maintenance and consistent colour temperature. Linea series as a lighting system luminaire allows the creation of shadow free continuous rows without interruption or light gaps.



LED Bar QYT	Power Input	Maximum Current	Voltage Range	Colour Collerated Temperature	Luminous Flux at ambience temp 25 °C	Luminous Efficacy	Colour Rendering Index	Max Junction Temperature	Customizable
	w/ m	mA	V	K	*lm	Lm/W		ta (°C)	
1 row	35	1050	24V	3000,	6300	180	>85, >90	-40... +55	Dimmable,
2 rows	70	1050	24V	4000,	12600	180	>85, >90	-40... +55	Tuneable,
3 rows	N/A	---	---	5700	---	---	>85, >90	-40... +55	Attachable



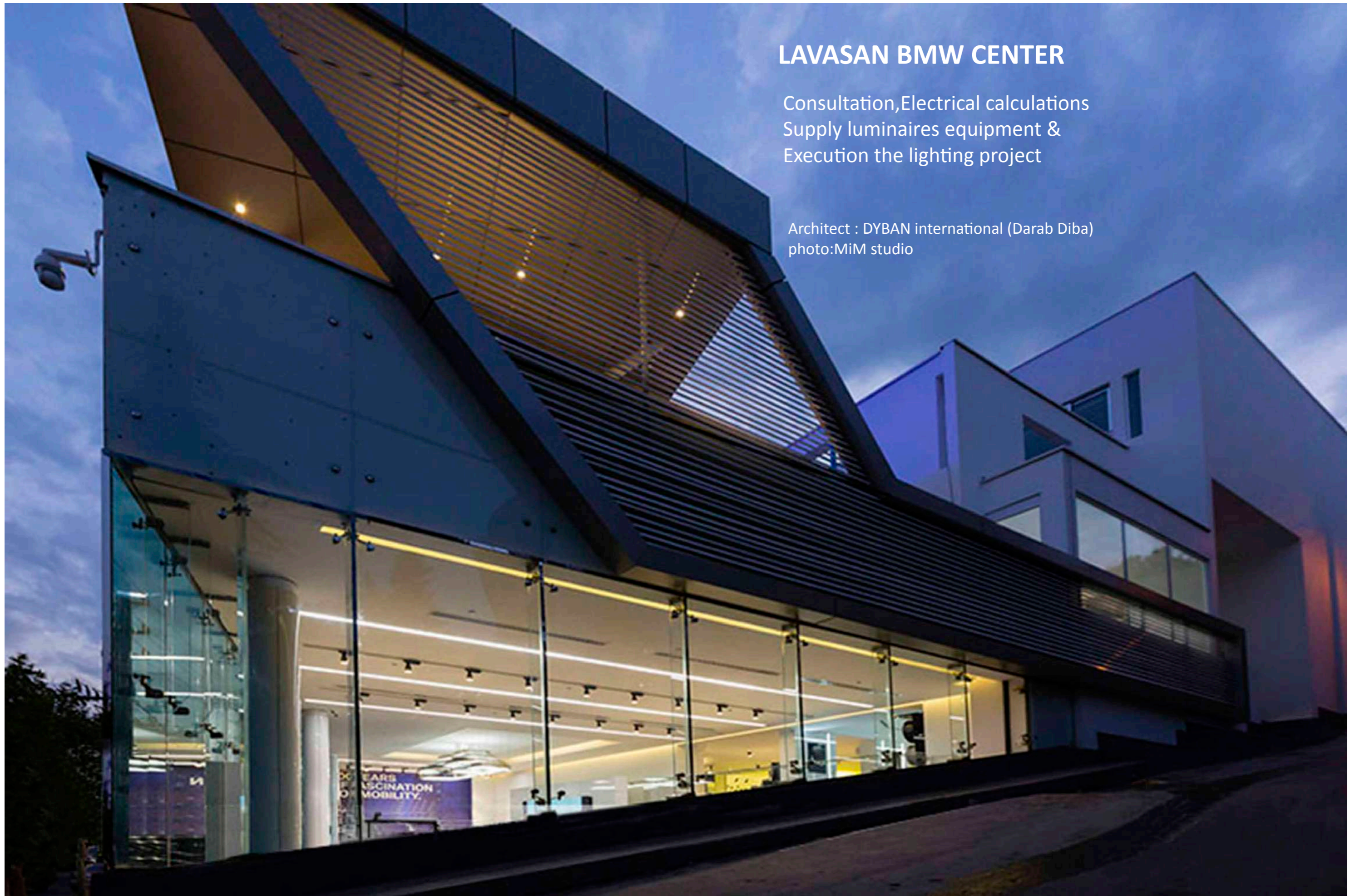
We recommend using the HSI LED PCB in conjunction to our NEW PROFILE SERIES and NEW INTEGRATED HOUSING LINE. These intensity ultra-bright LED PCB lights produce industries highest brightness as a result with no visible LED dots in lighting and also good for general lighting, offices and lobbies which can easily match with interior design of the ceiling.



LAVASAN BMW CENTER

Consultation, Electrical calculations
Supply luminaires equipment &
Execution the lighting project

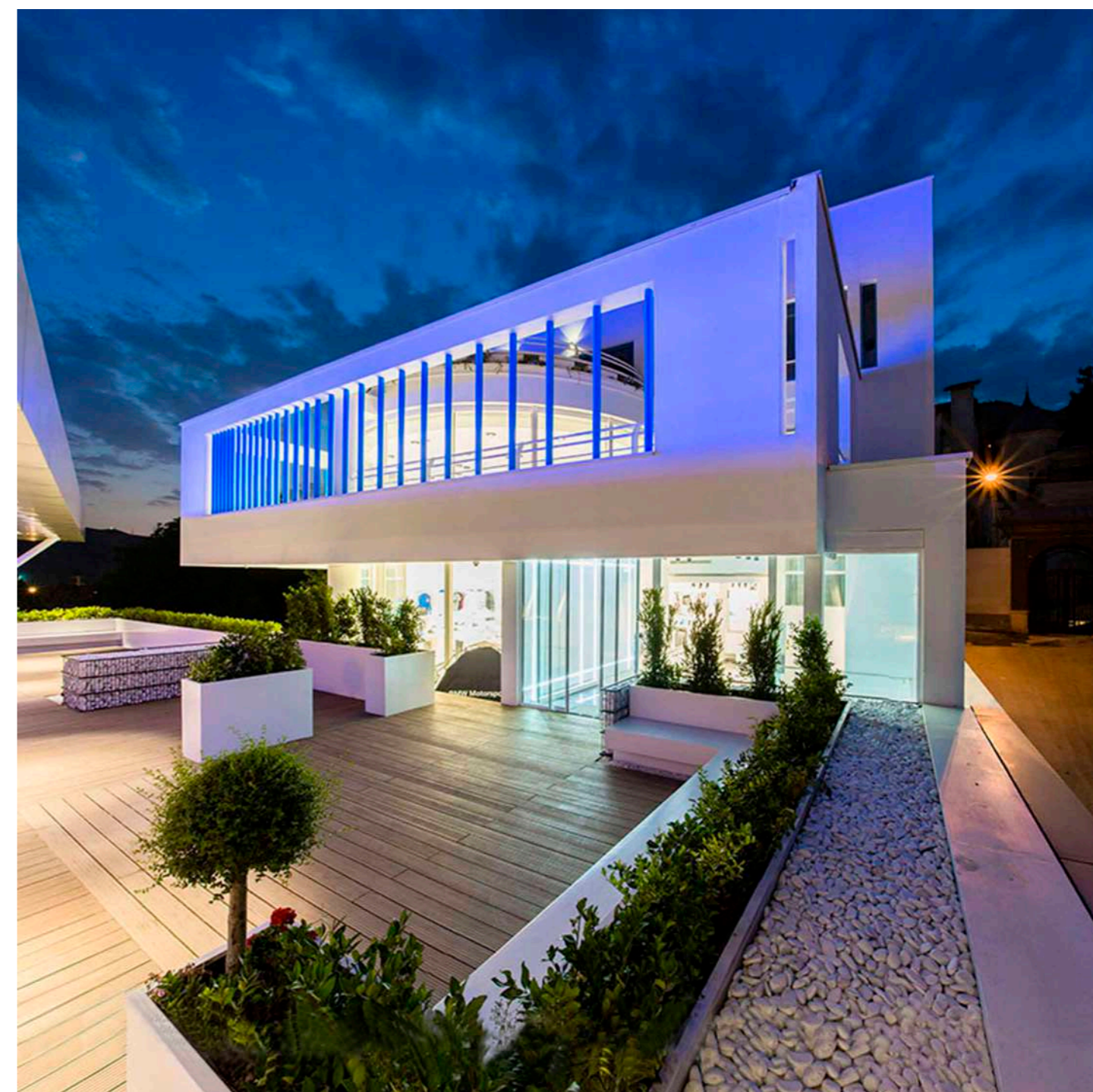
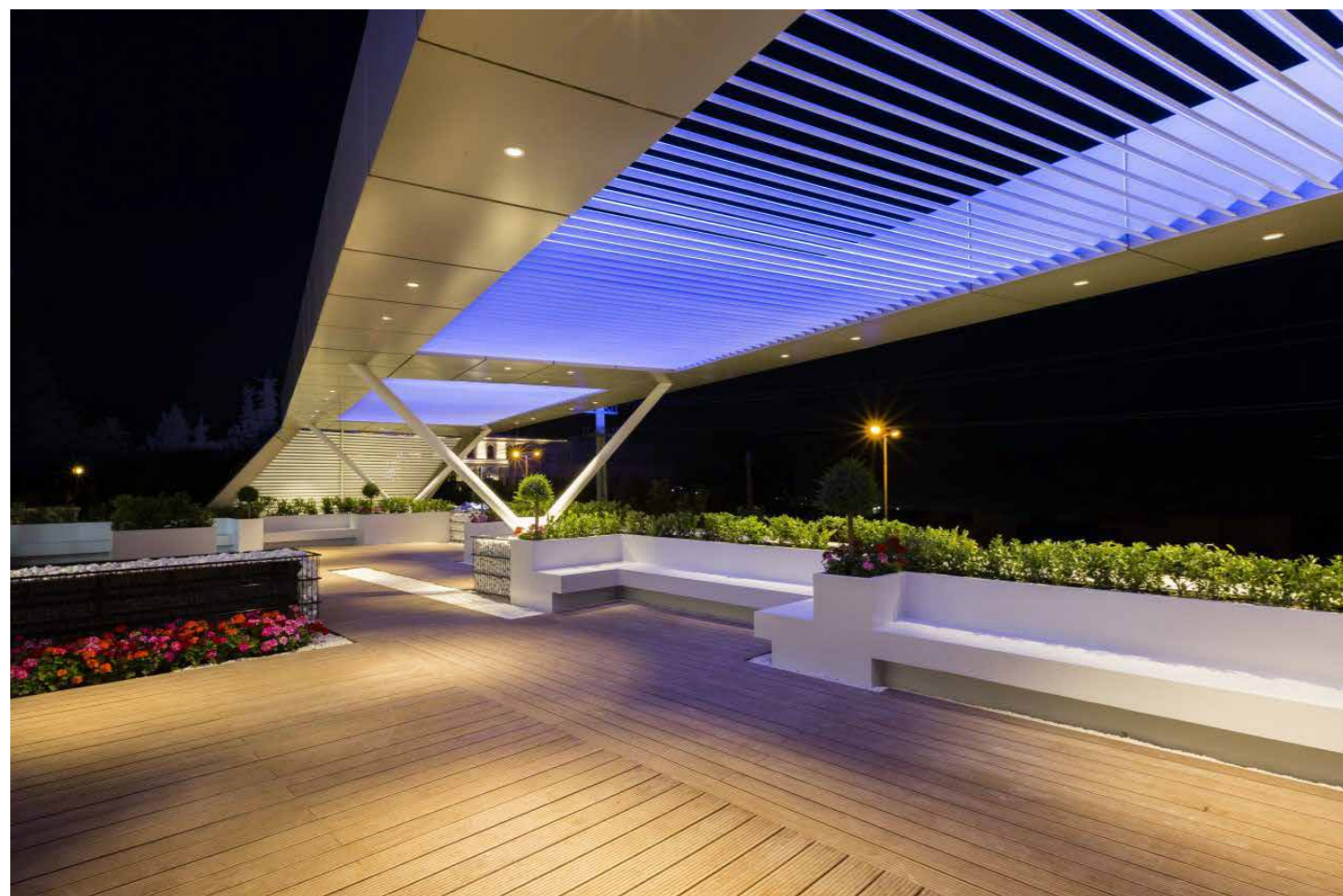
Architect : DYBAN international (Darab Diba)
photo:MiM studio

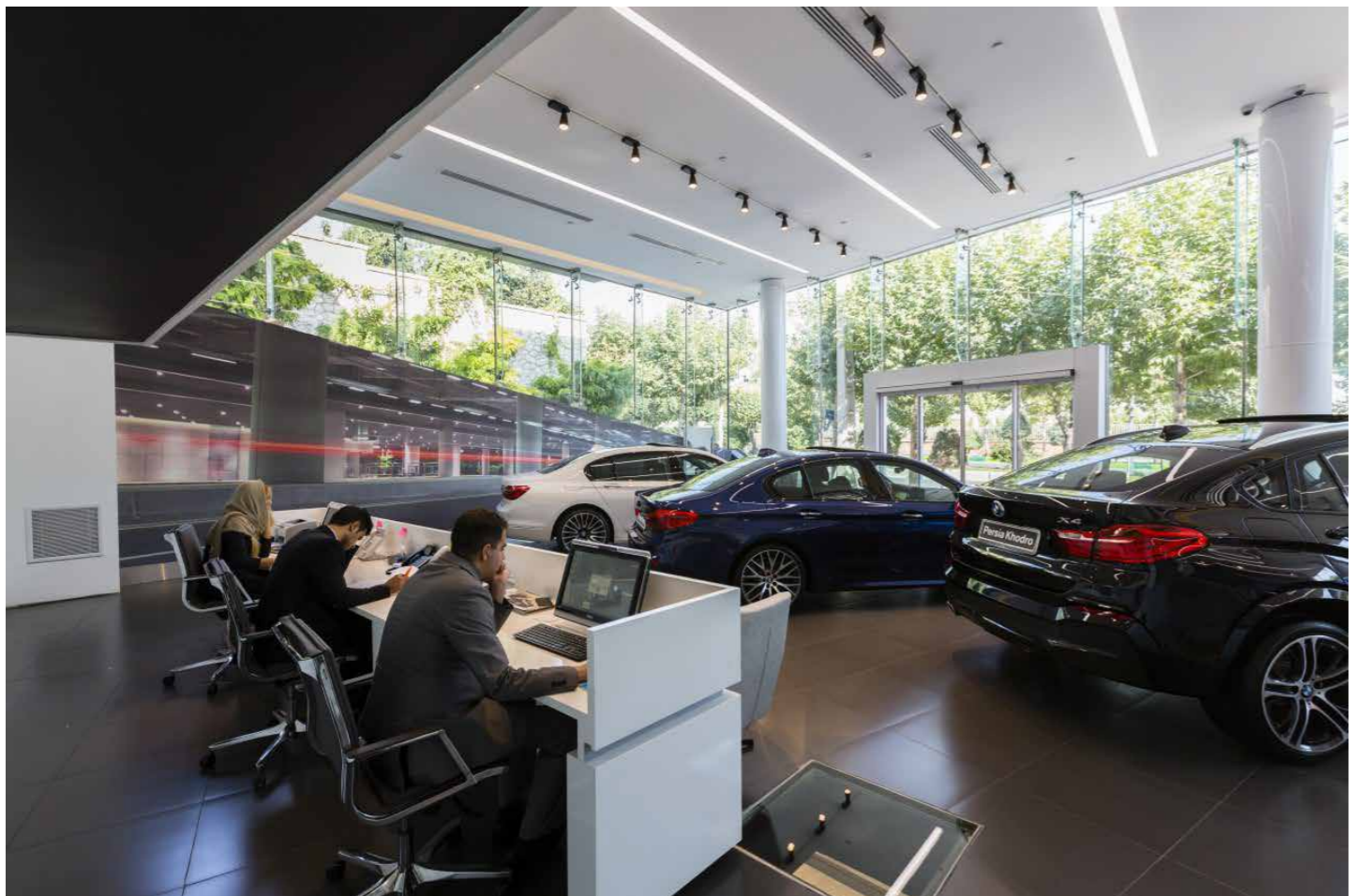
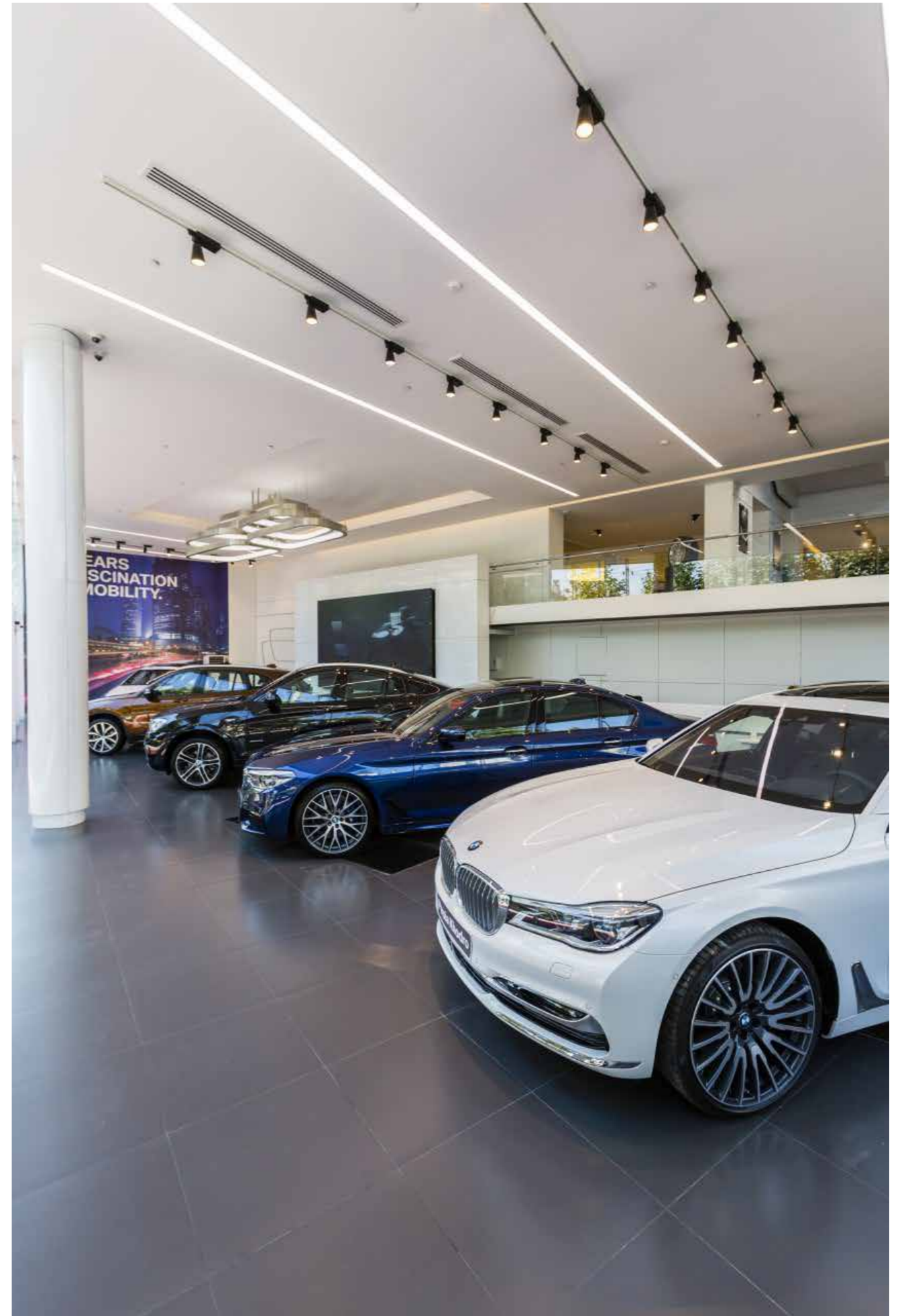


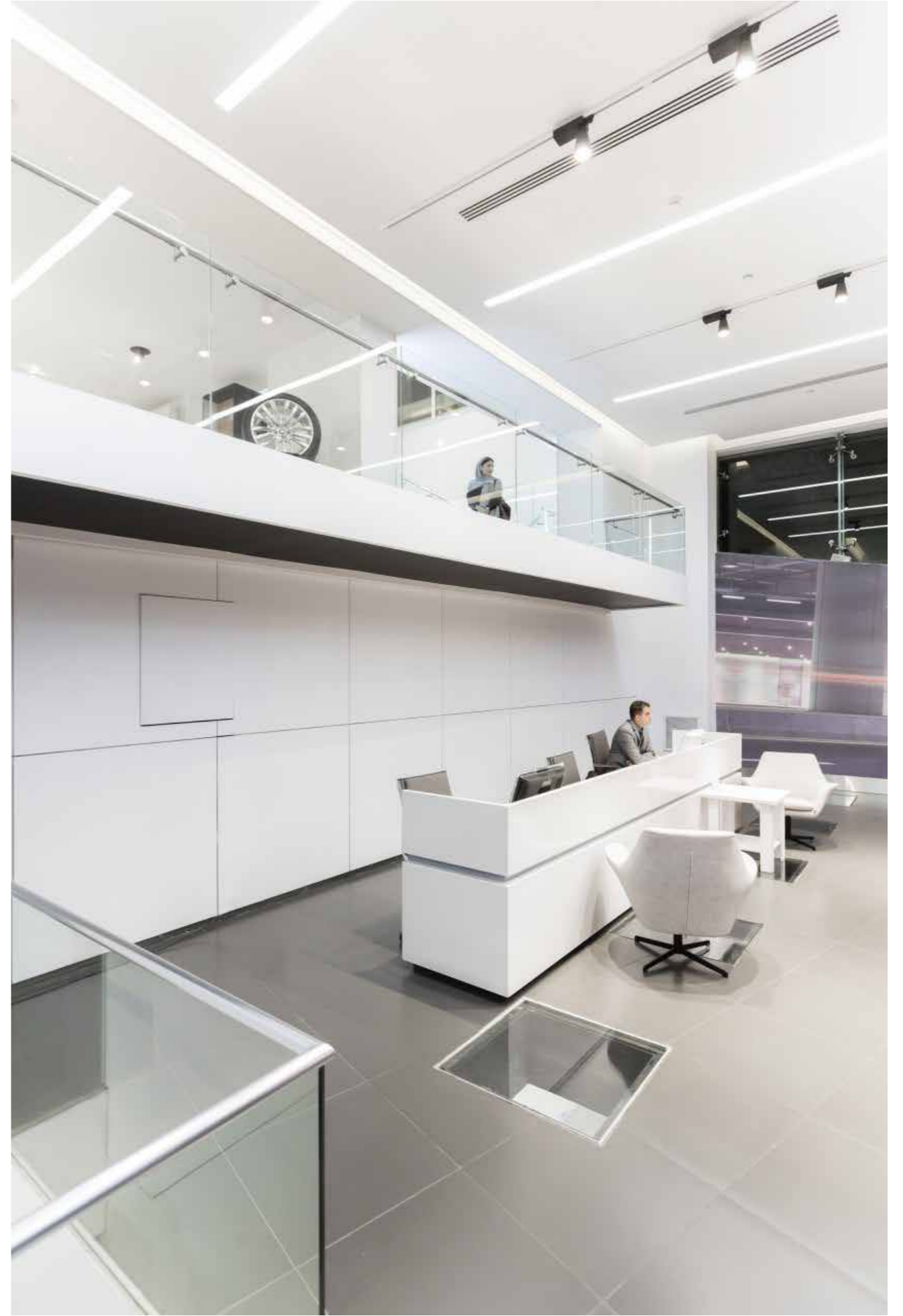
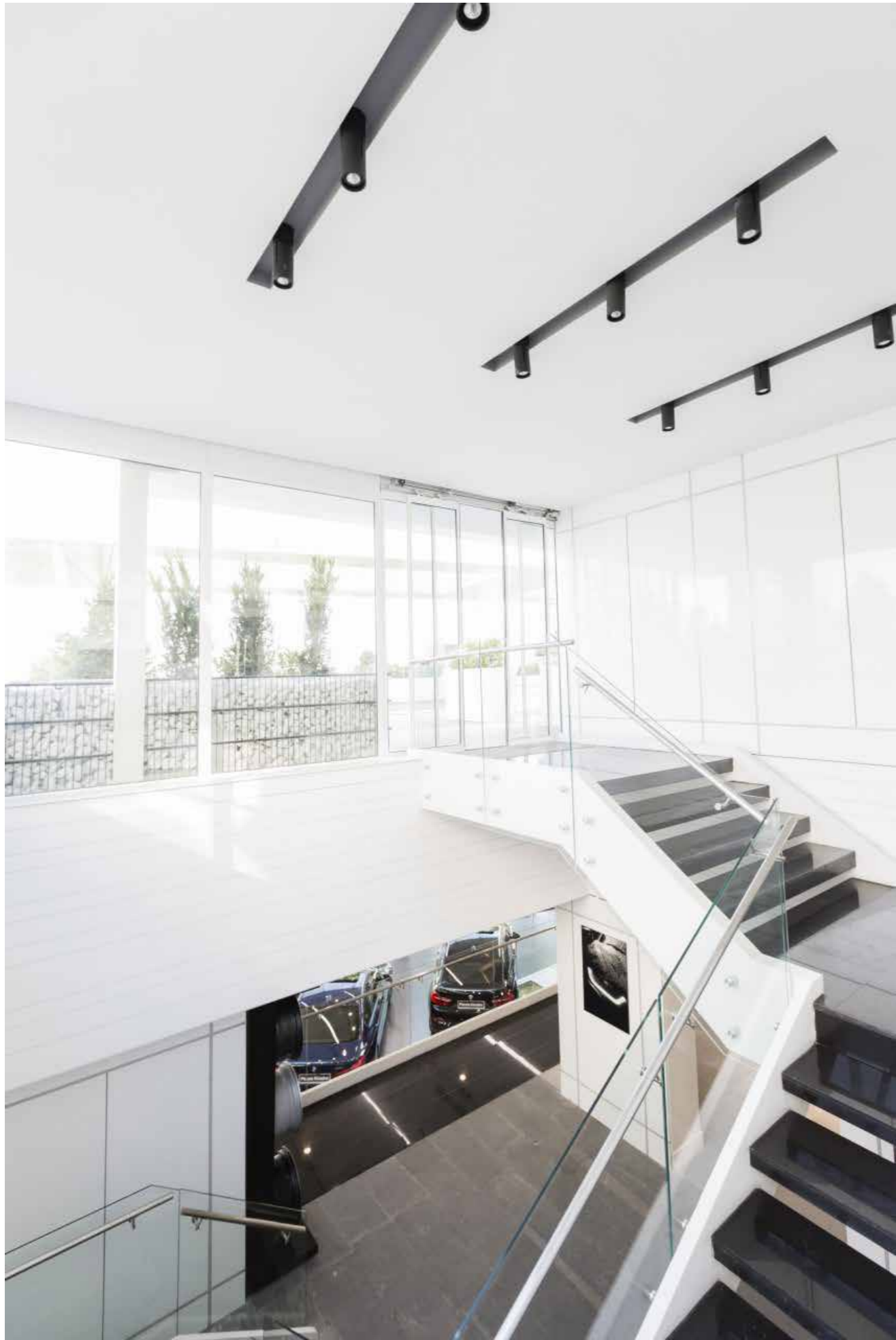
پرشیا خودرو نمایندگی لواسان

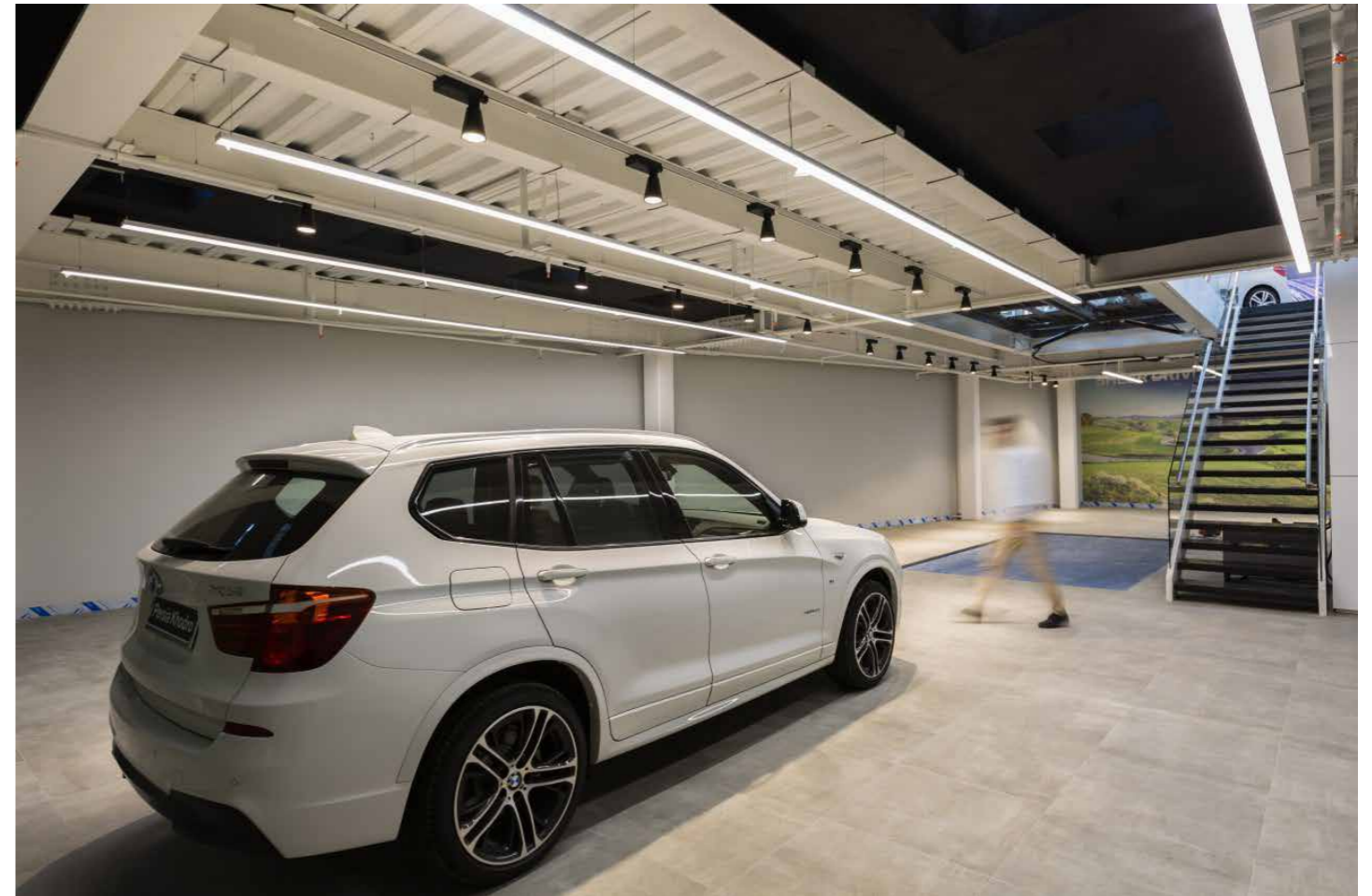
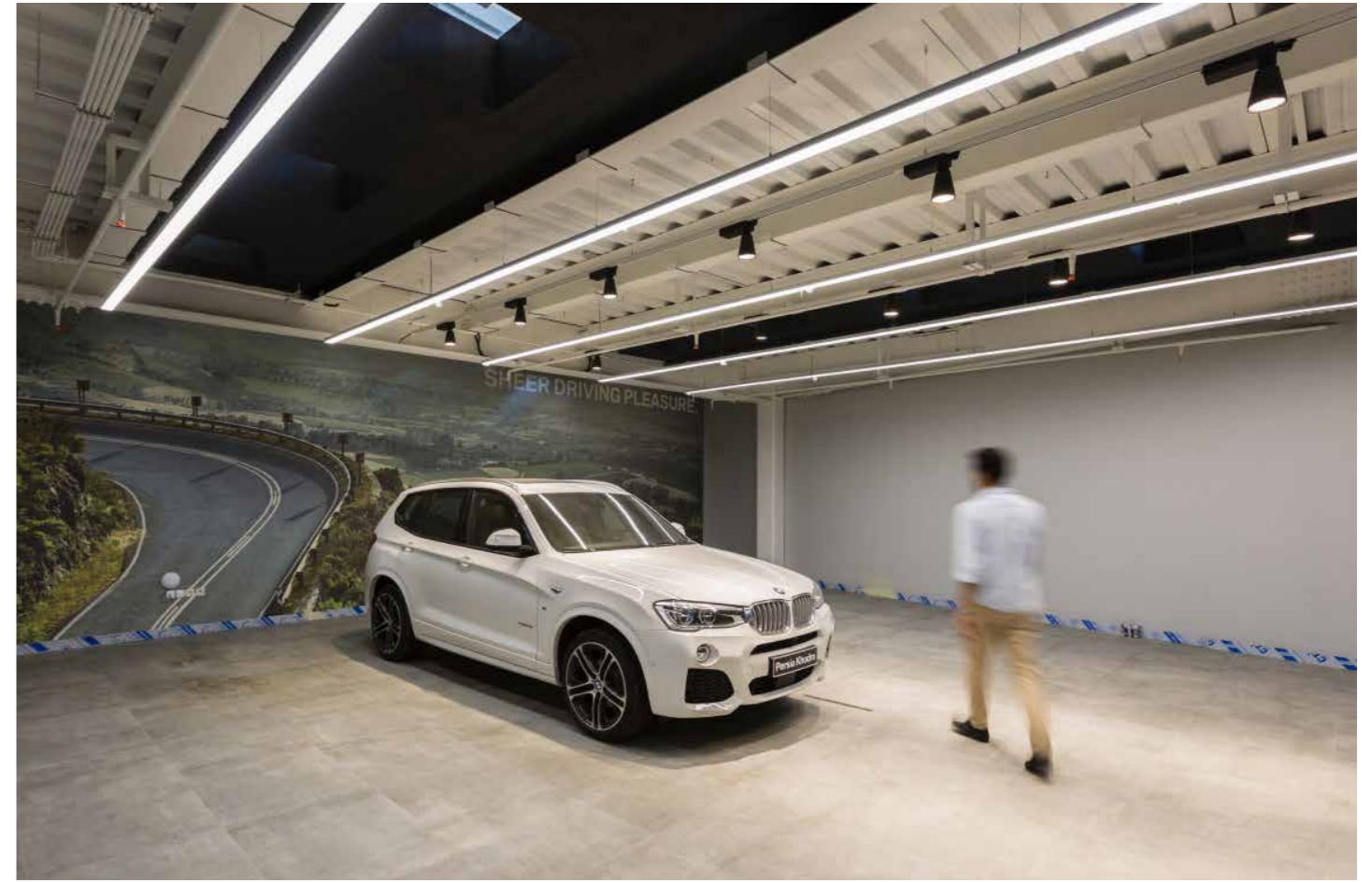
مشاوره، محاسبات الکترونیکال، تامین تجهیزات
و اجرای پروژه روشنایی و نورپردازی

معمار: مهندسان مشاور دیبان (داراب دیبا)















دفتر مرکزی بلو وینگز

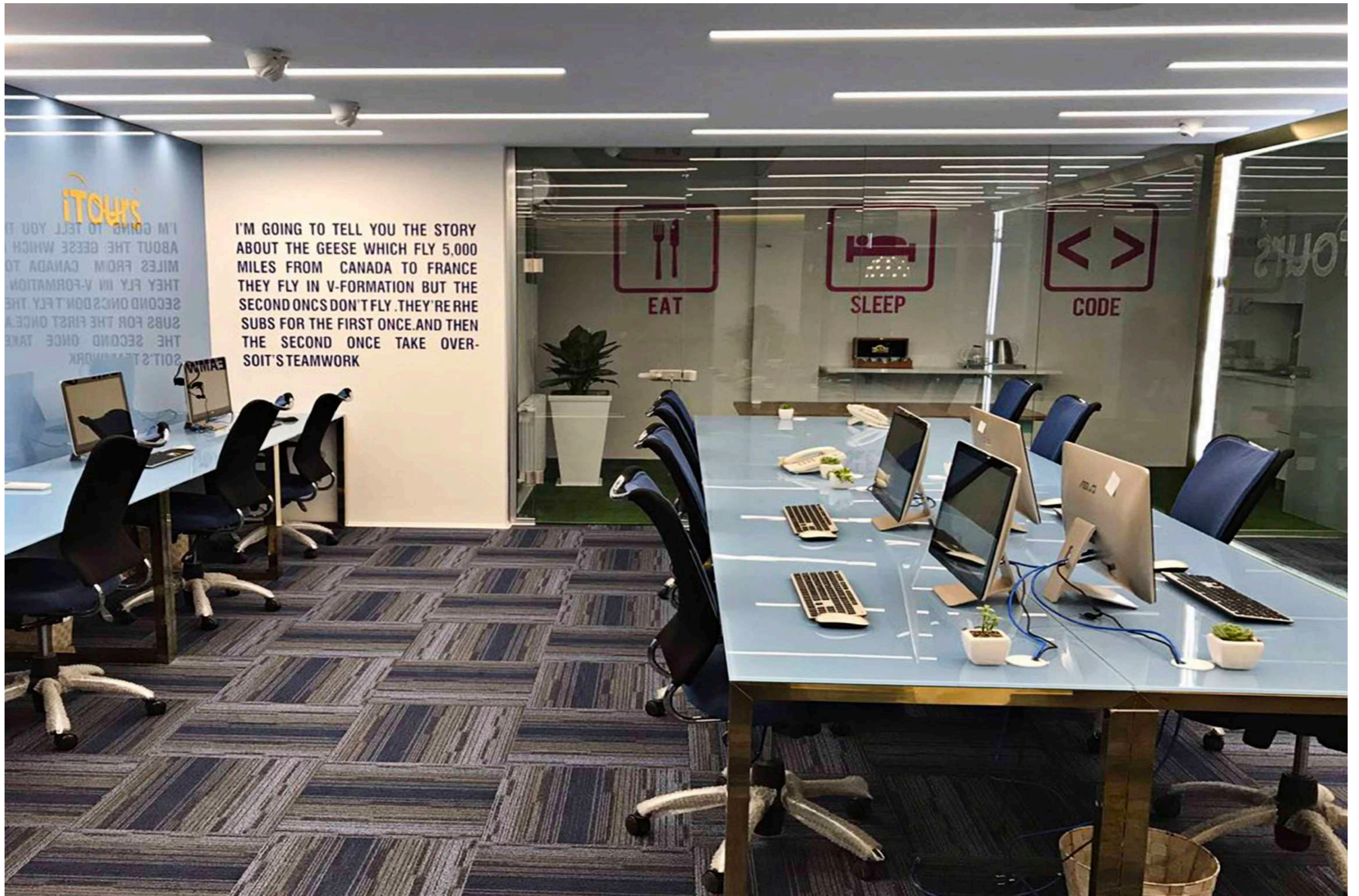
تامین تجهیزات و اجرای
پروژه روشنایی و نورپردازی

طراح: مهندسین مشاور زما (مهندس رضا مفاخر)









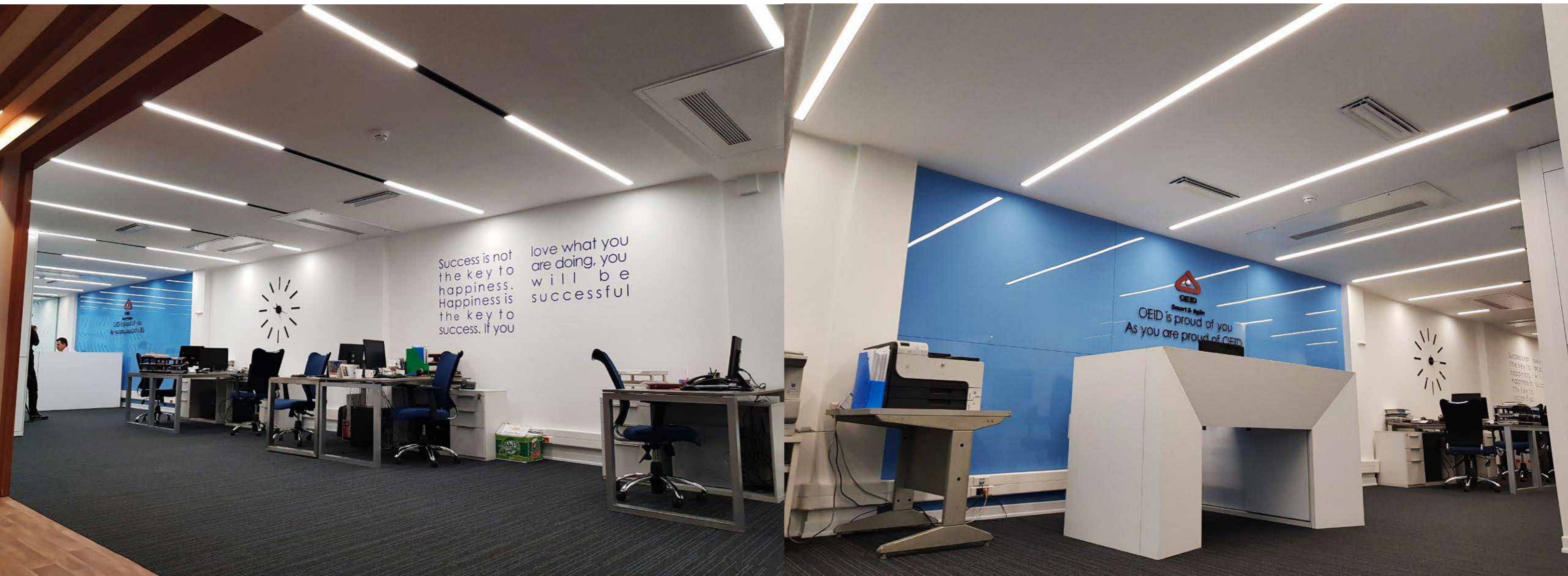
I'M GOING TO TELL YOU THE STORY ABOUT THE GEESE WHICH FLY 5,000 MILES FROM CANADA TO FRANCE THEY FLY IN V-FORMATION BUT THE SECOND ONCS DON'T FLY.THEY'RERHE SUBS FOR THE FIRST ONCE.AND THEN THE SECOND ONCE TAKE OVER-SOIT'S TEAMWORK

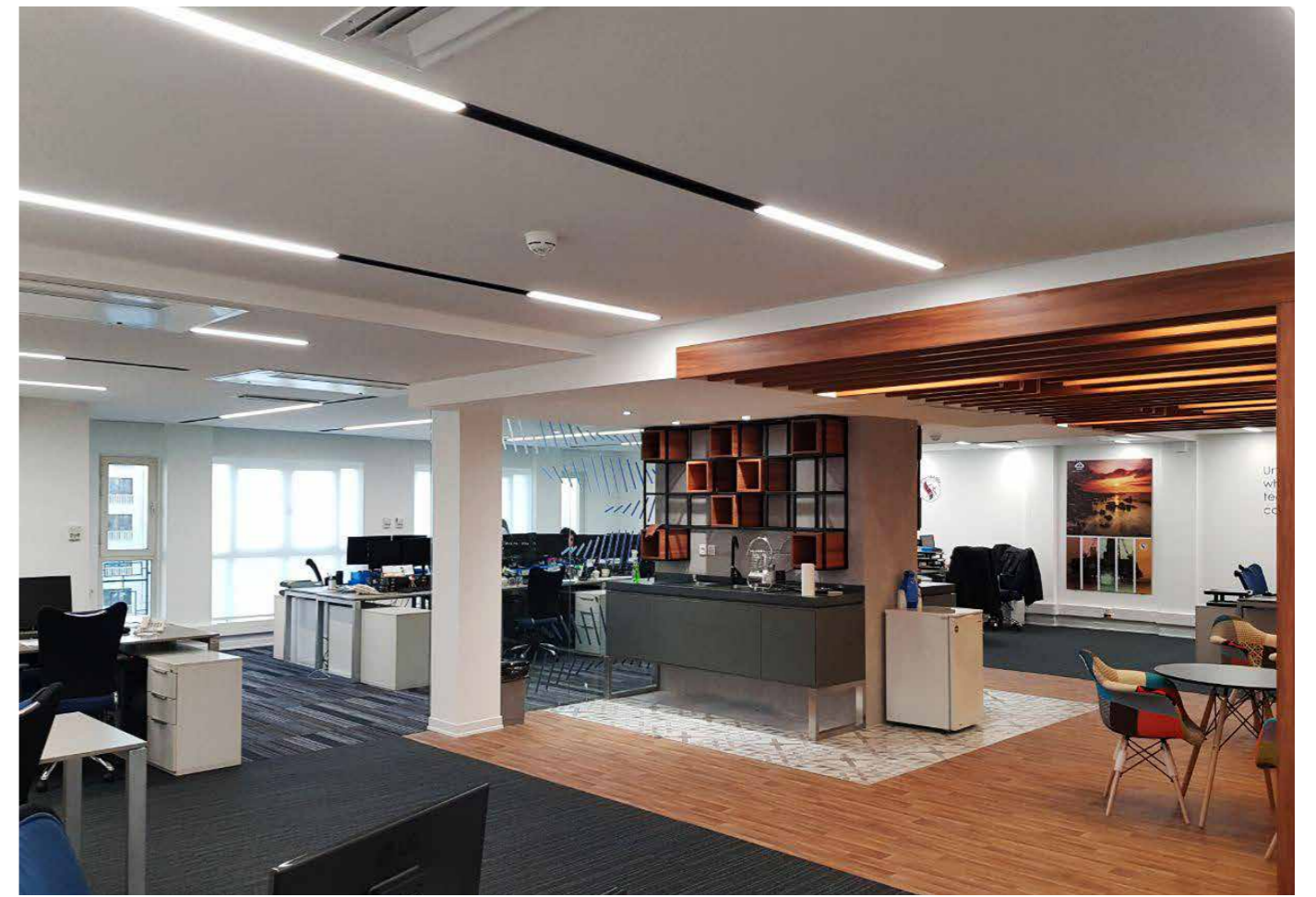
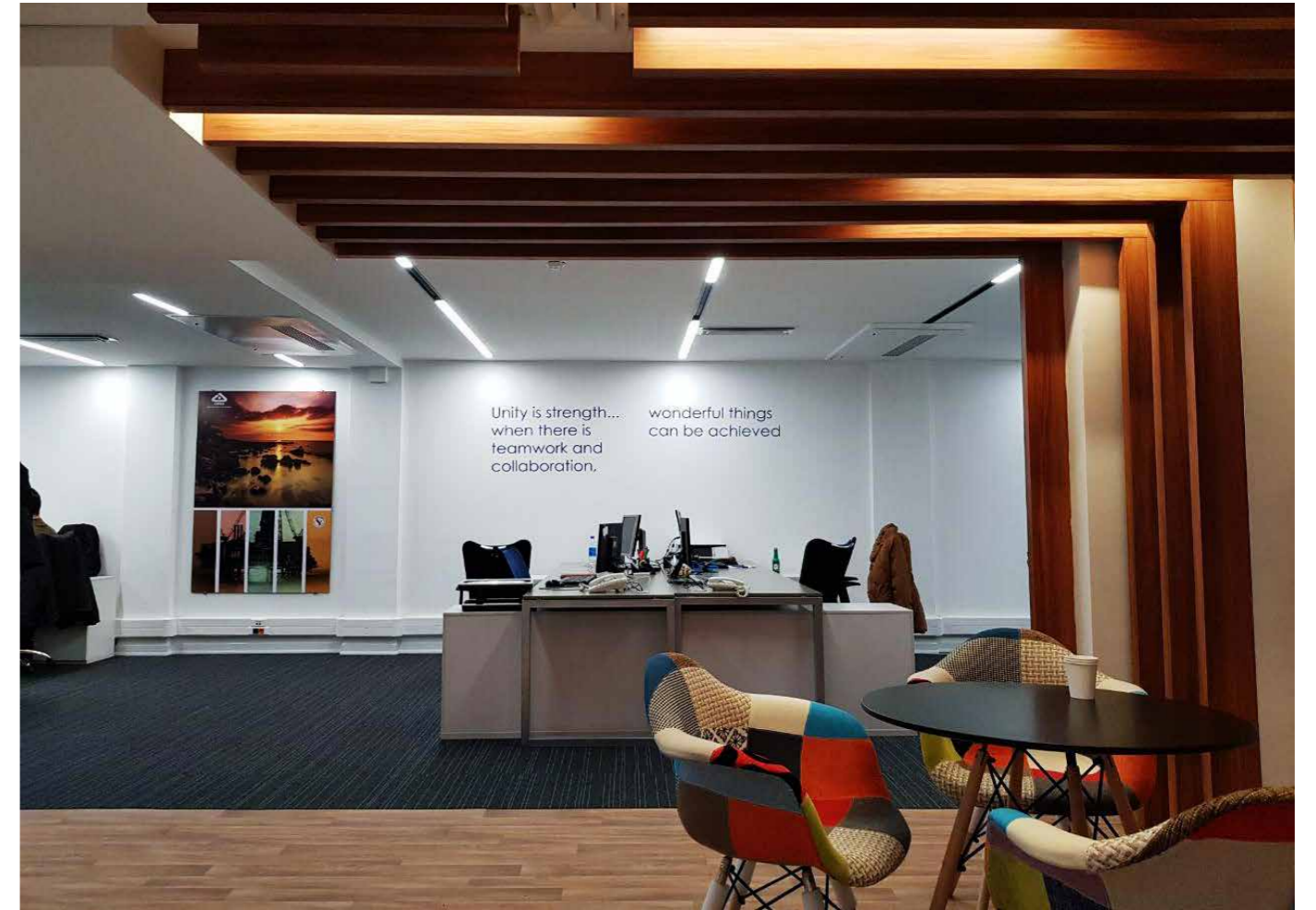
OEID

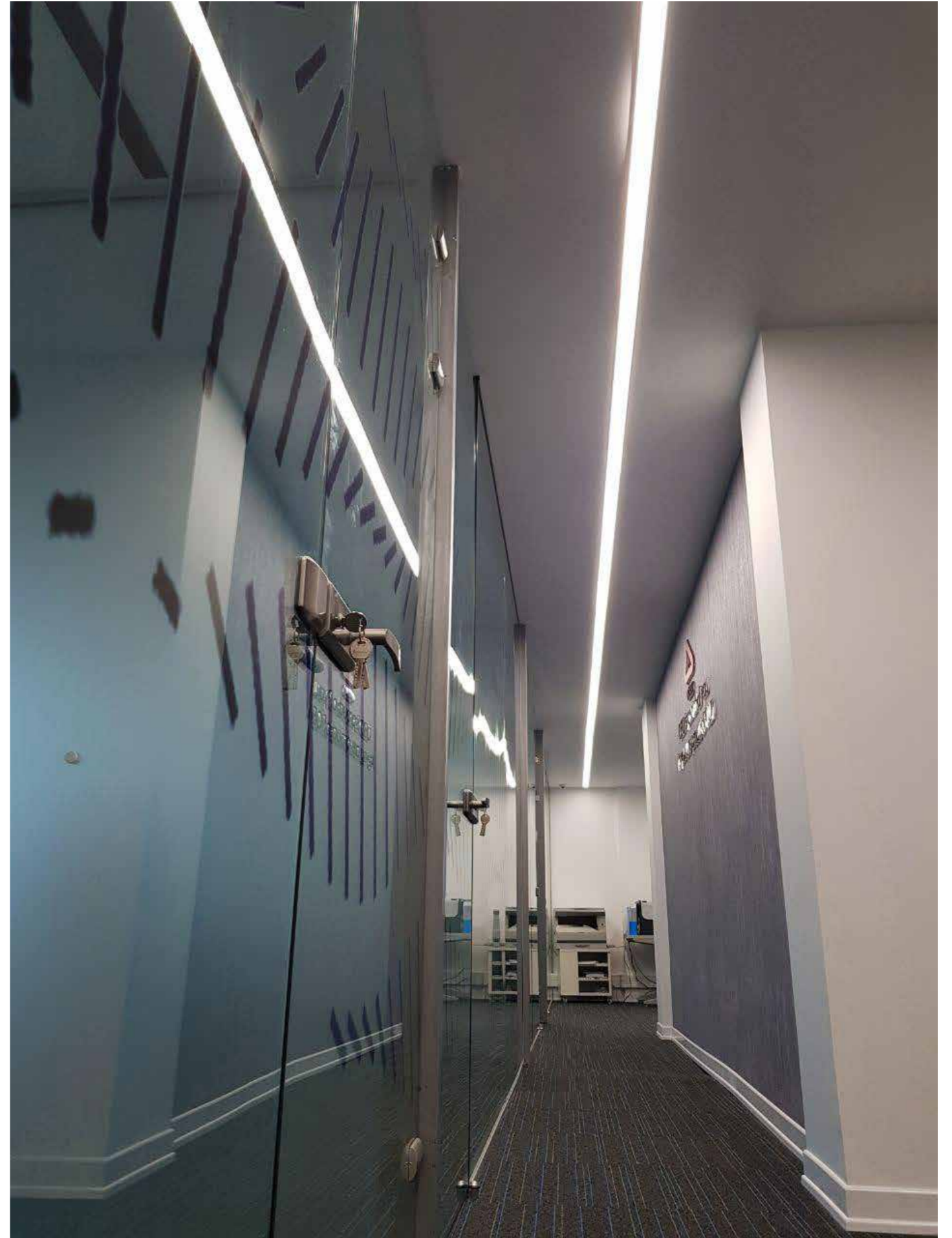
Consultation, Supply luminaires equipment
& Execution the lighting project

شرکت توسعه صنایع نفت و انرژی OEID

مشاوره، تامین تجهیزات و اجرای پروژه روشنایی و نورپردازی







ILDC

3rd Iran Lighting Design Conference & Exhibition

january 2017 Tehran-Iran

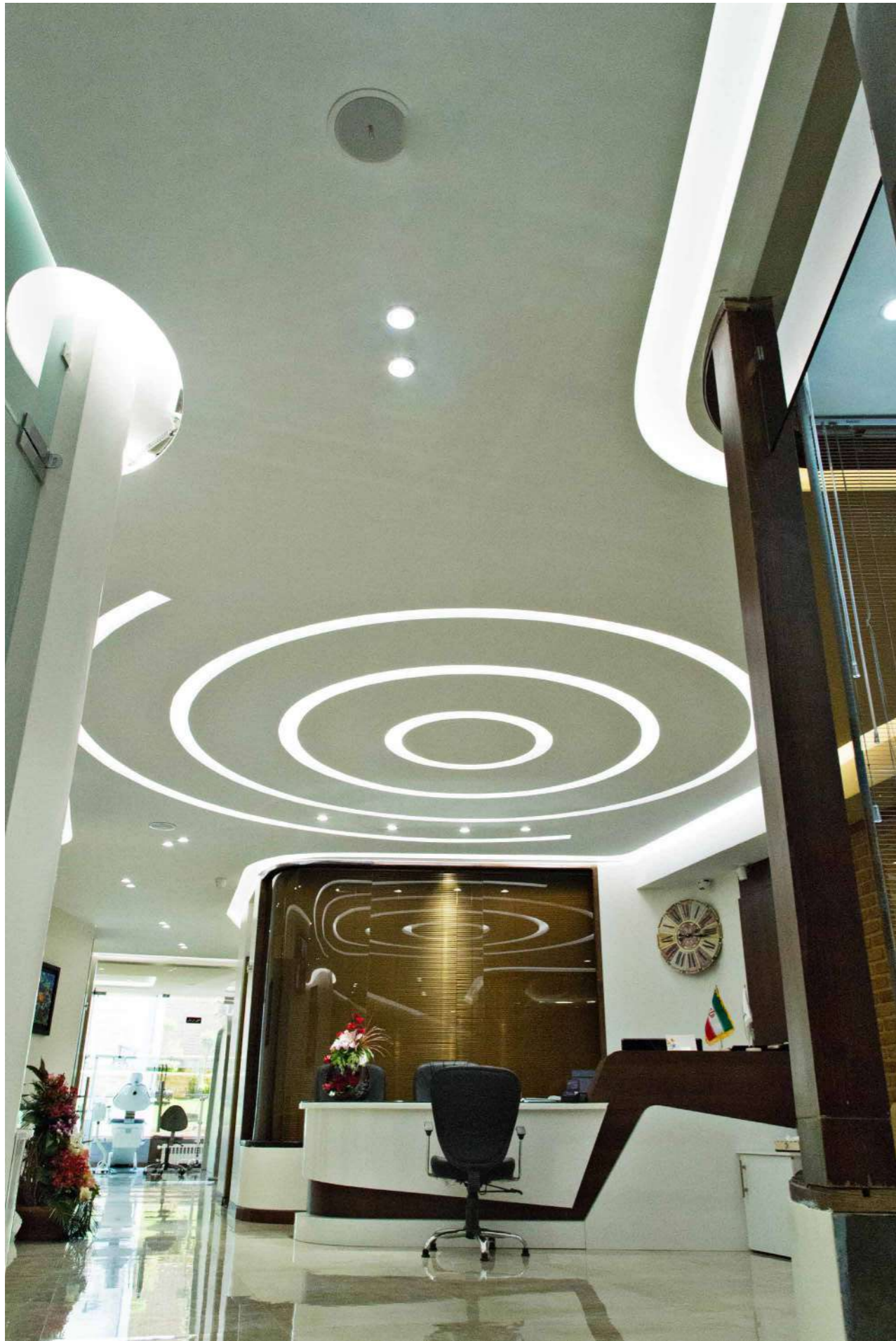
HSI & ARTLIGHT Company



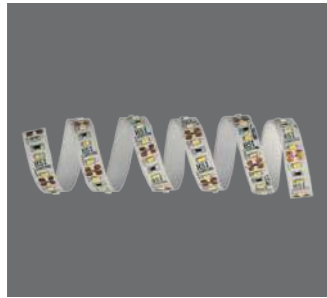
کلینیک دندانپزشکی پیمان

شهرک گلستان - تهران





TIRA-LED



BRIEF INTRODUCTION: HS000LB-101-A

Power Input:
55W / Per Reel

Current Input: Respectively for power
12V Constant Voltage

CCT: 3000K, 4000K, 5000K

CRI: >85

R9 Value: 43, for 4000K

Lens: Not Applicable

SMD NOs. 120 Chips / Meter

Driver Voltage Input: 90 -240V

Driver Power Factor: >90

Driver Efficiency: >85%

Built-in short circuit overload: available

Sound Rating: Class-A

Junction Temperature: <90 °C

Maximum Continuous Operation
Temperature: 60 °C

IP: 43

Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for inside of cabinet
and under shelves

Beam Angle: 120°

High Efficiency LED Chips

Maximum Liner Application: 8Meter

Easy Connect System: Available

Color Options



Certifications



Subject to technical alterations.

Description:

TIRA-LED Strip light is Widely used for architectural decorative lighting, amusement park, theater and aircraft cabin mood lighting, hallway and walkway lighting, stairway accent lighting, art lighting for signage letters, cove lighting, emergency exit path lighting, cabinet and under counter lighting, exhibition stands and panels, display cases, etc

Long service life: 50000 hours (5 years), no flickering, no RF interference, high lightness, high light transmission .

HSI has engineered TIRA-LED flexible strip for long operation hours where the illumination and life cycle are matters. Dimmable LED strip provide comprehensive control lighting solution

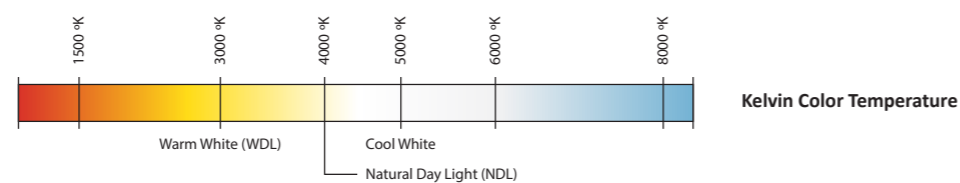
Project	Date
Quantity:	
Comment:	
Prepared By:	

3M Adhesive Tape:

These 3M™VHB™Tapes are made with acrylic foam which is viscoelastic in nature. This gives the foam energy absorbing and stress relaxing properties which provides these tapes with their unique characteristics. The acrylic chemistry provides outstanding durability performance.



Size can be cahnge without prior notice.



AUTOLCHI exhibition

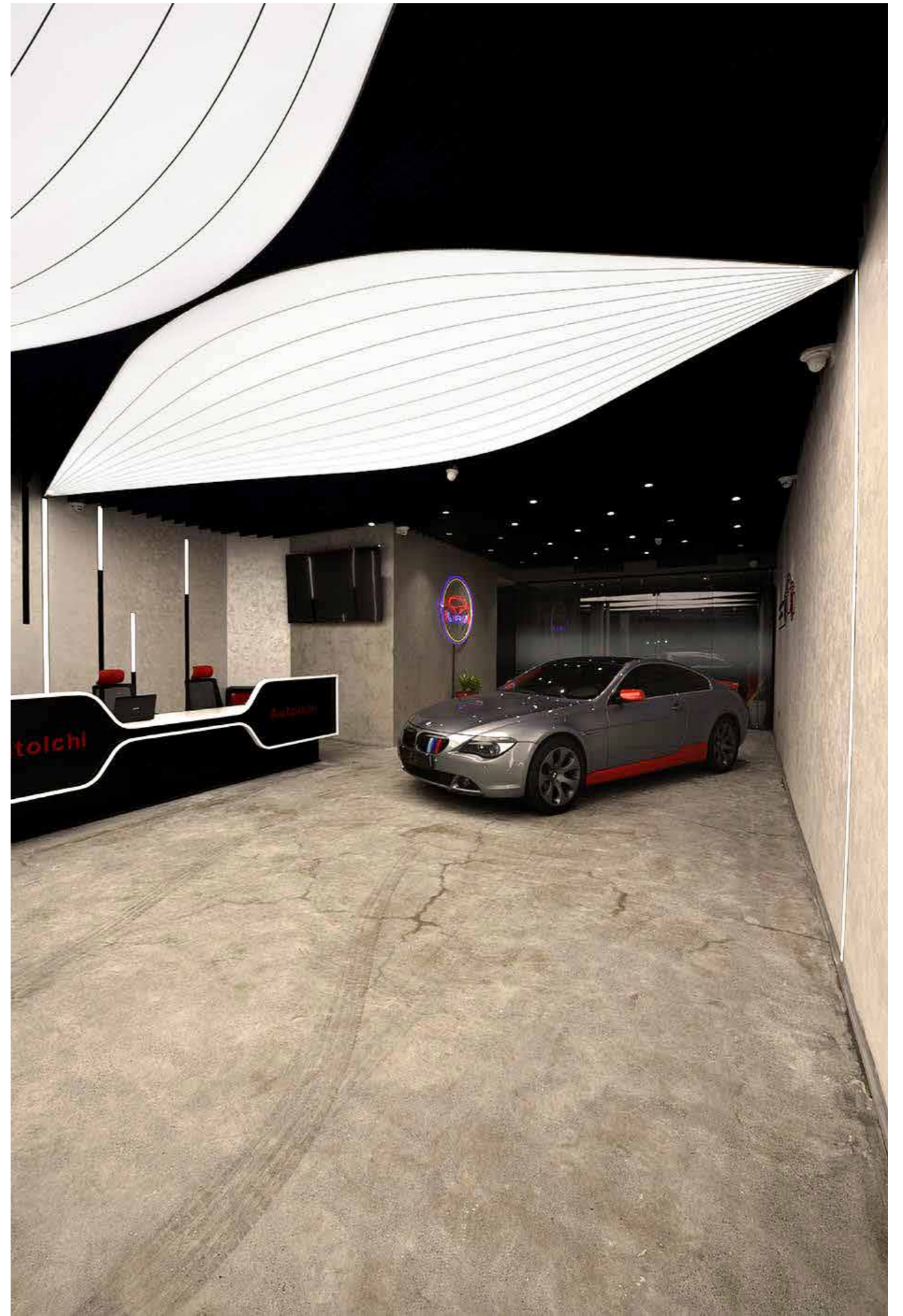
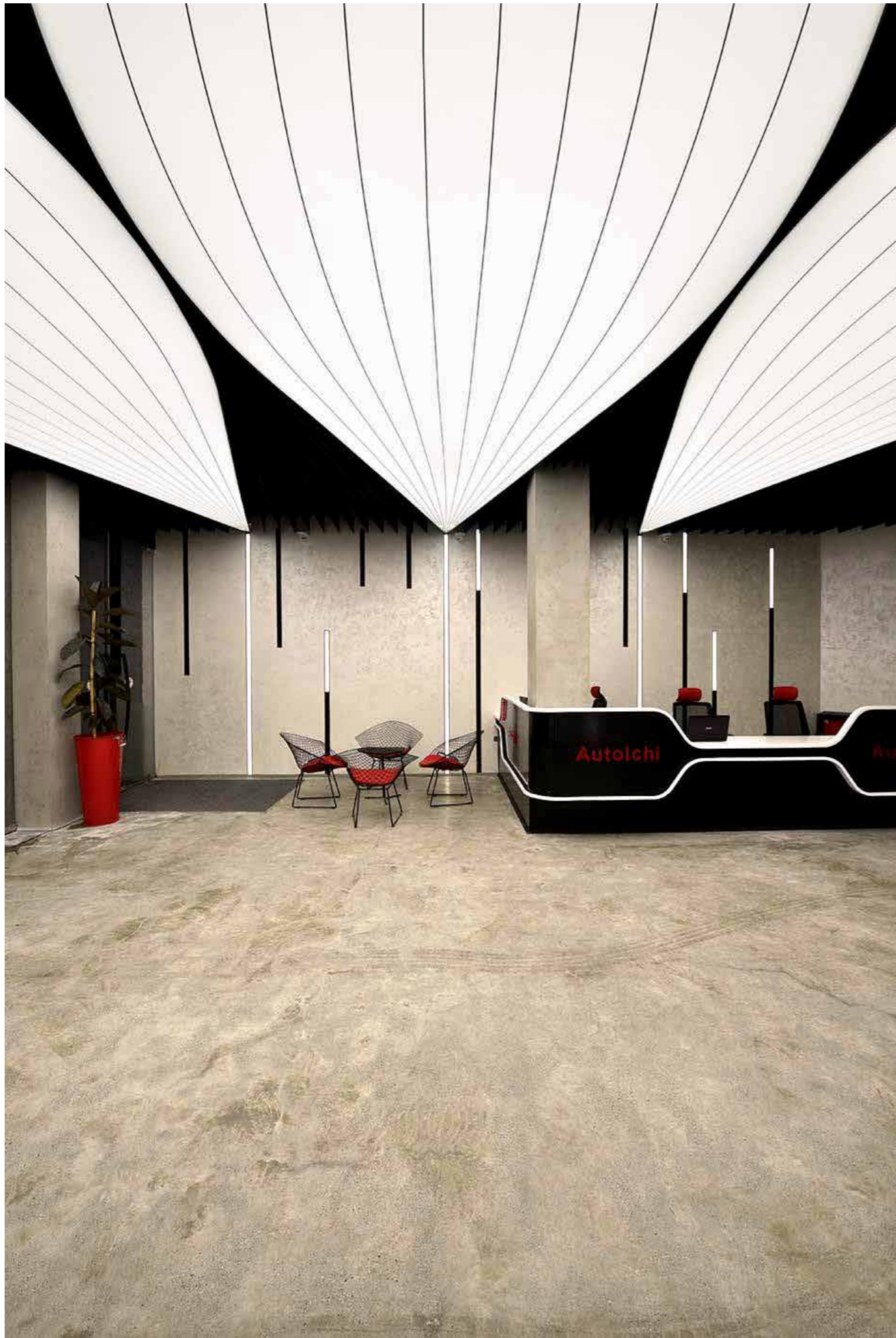
Consultation, Supply luminaires equipment
& Execution the lighting project

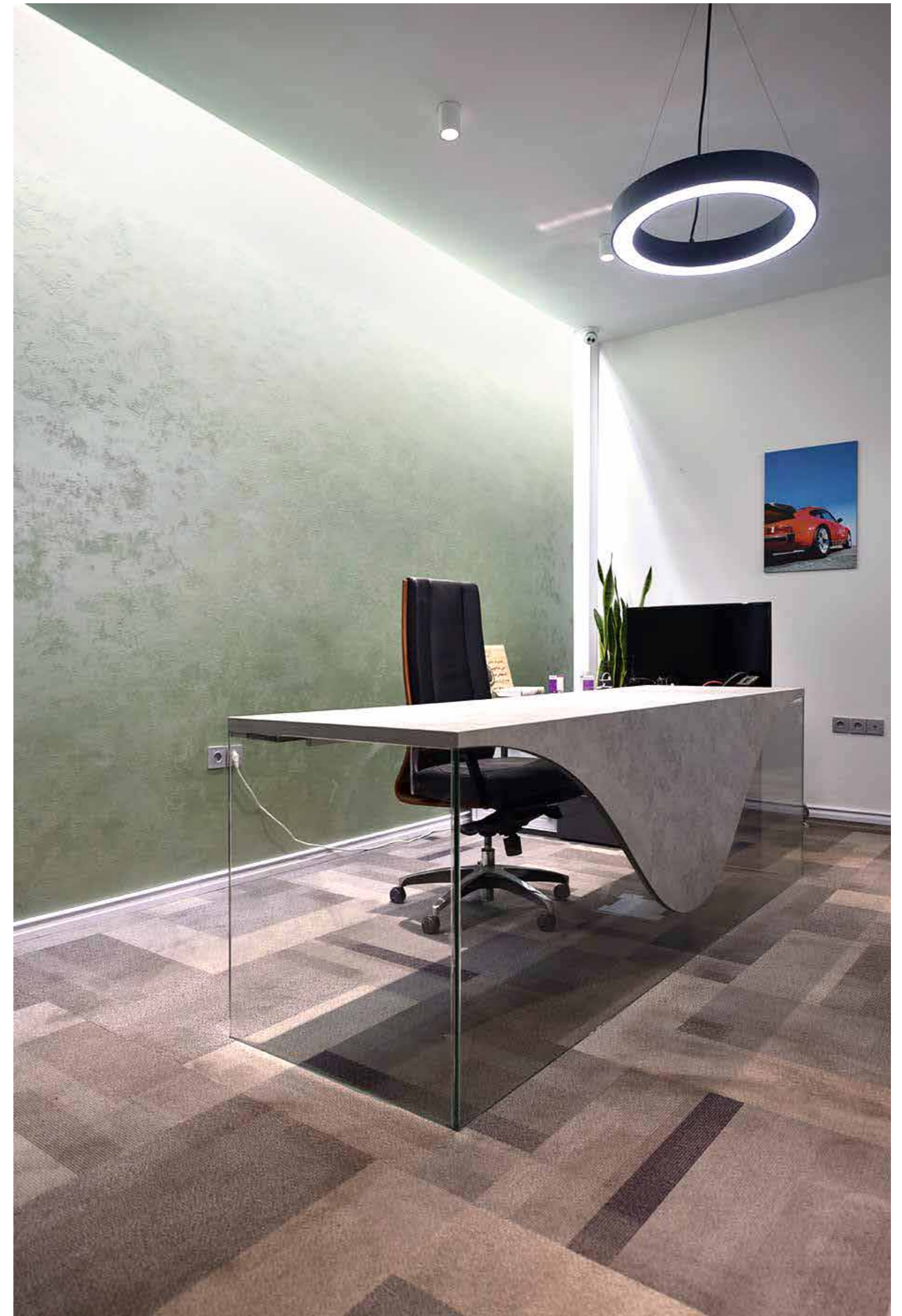
نمایشگاه اتولچی

مشاوره، تامین تجهیزات و اجرای پروژه روشنایی و نورپردازی



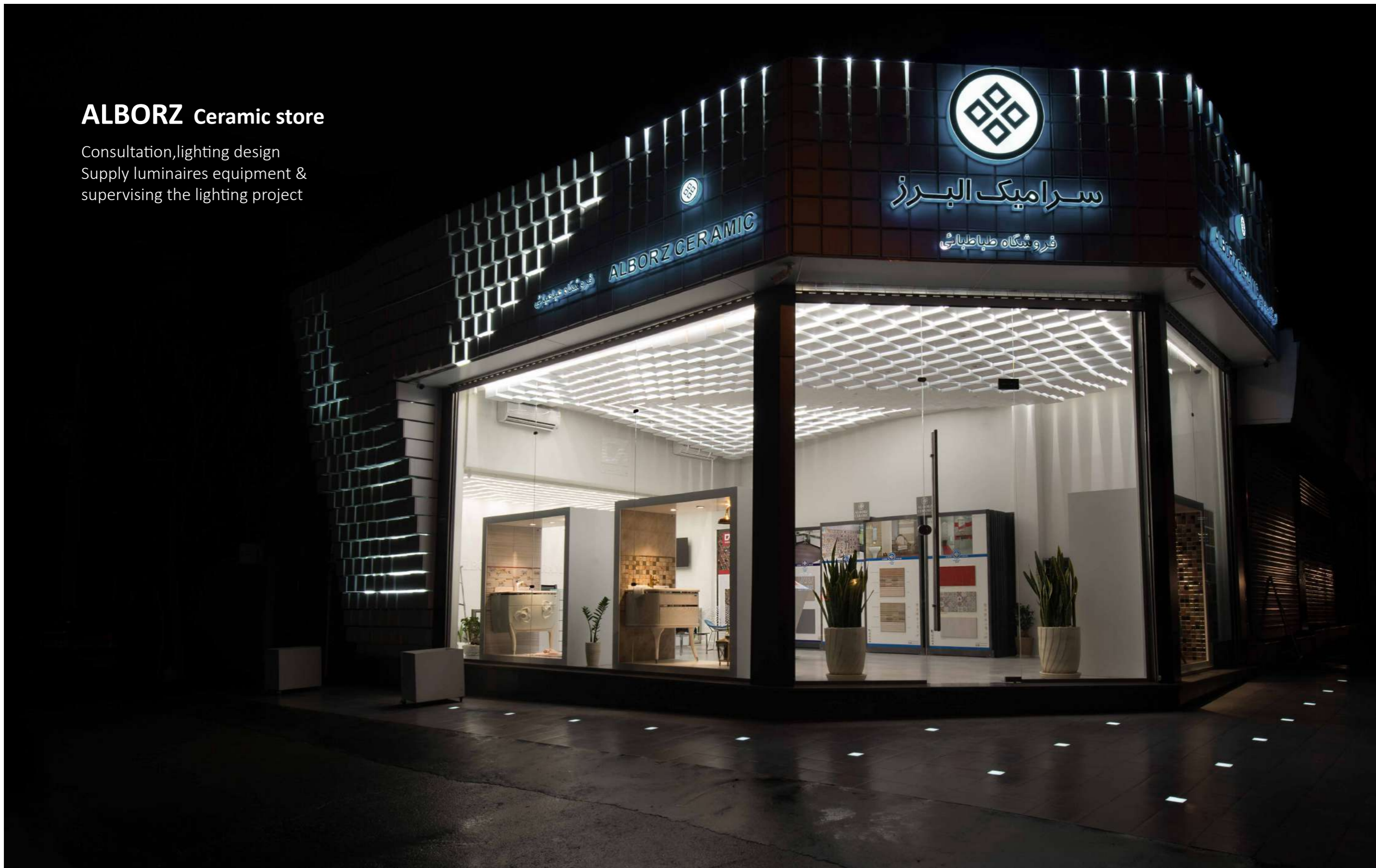






ALBORZ Ceramic store

Consultation, lighting design
Supply luminaires equipment &
supervising the lighting project



فروشگاه نمایندگی کاشی البرز

مشاوره، طراحی روشنایی و نورپردازی
تامین تجهیزات روشنایی و نظارت بر اجرا







ویلای مسکونی - فشم

مشاوره ، طراحی ، تامین تجهیزات و اجرا

کارفرما: آقای مهندس موسویان

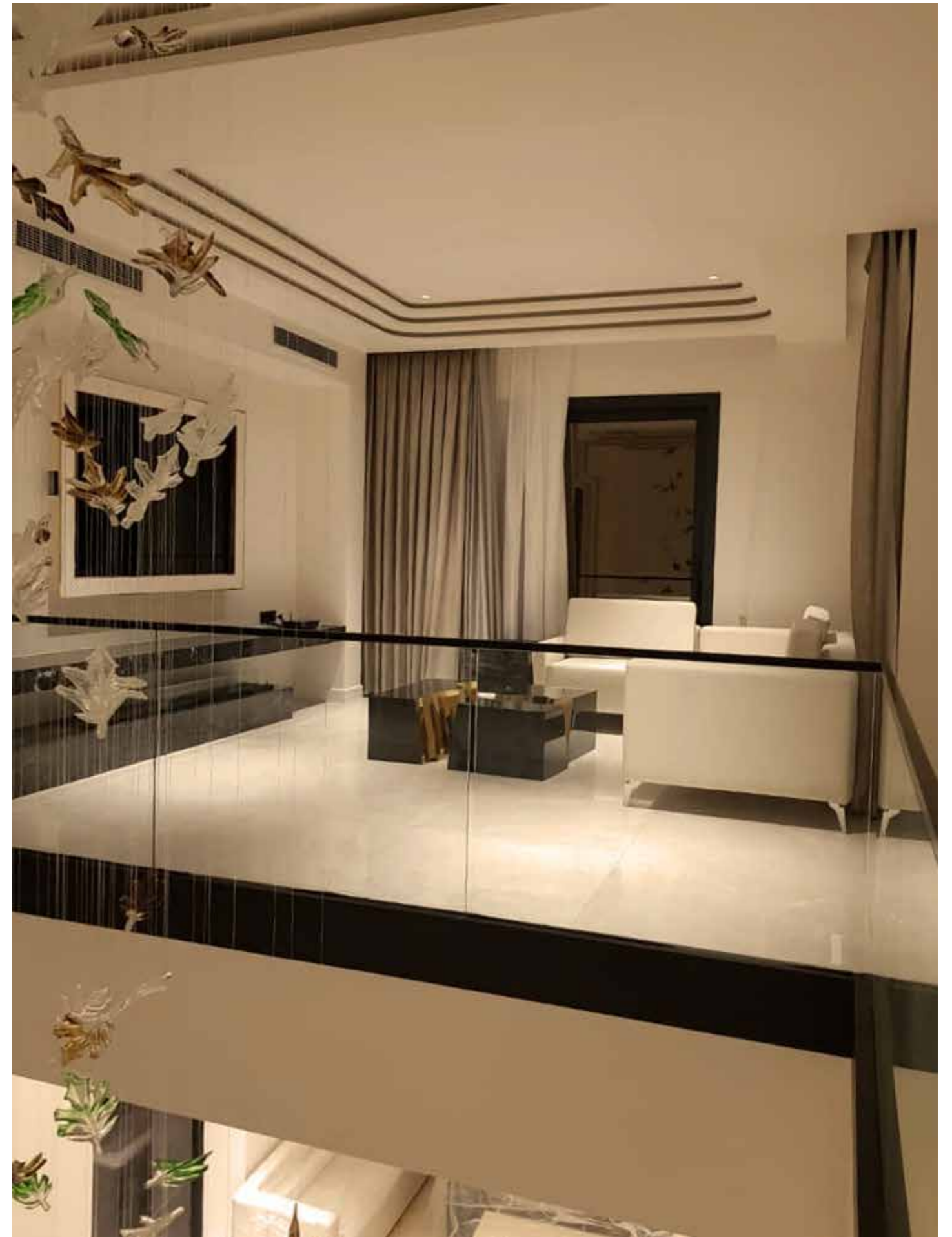


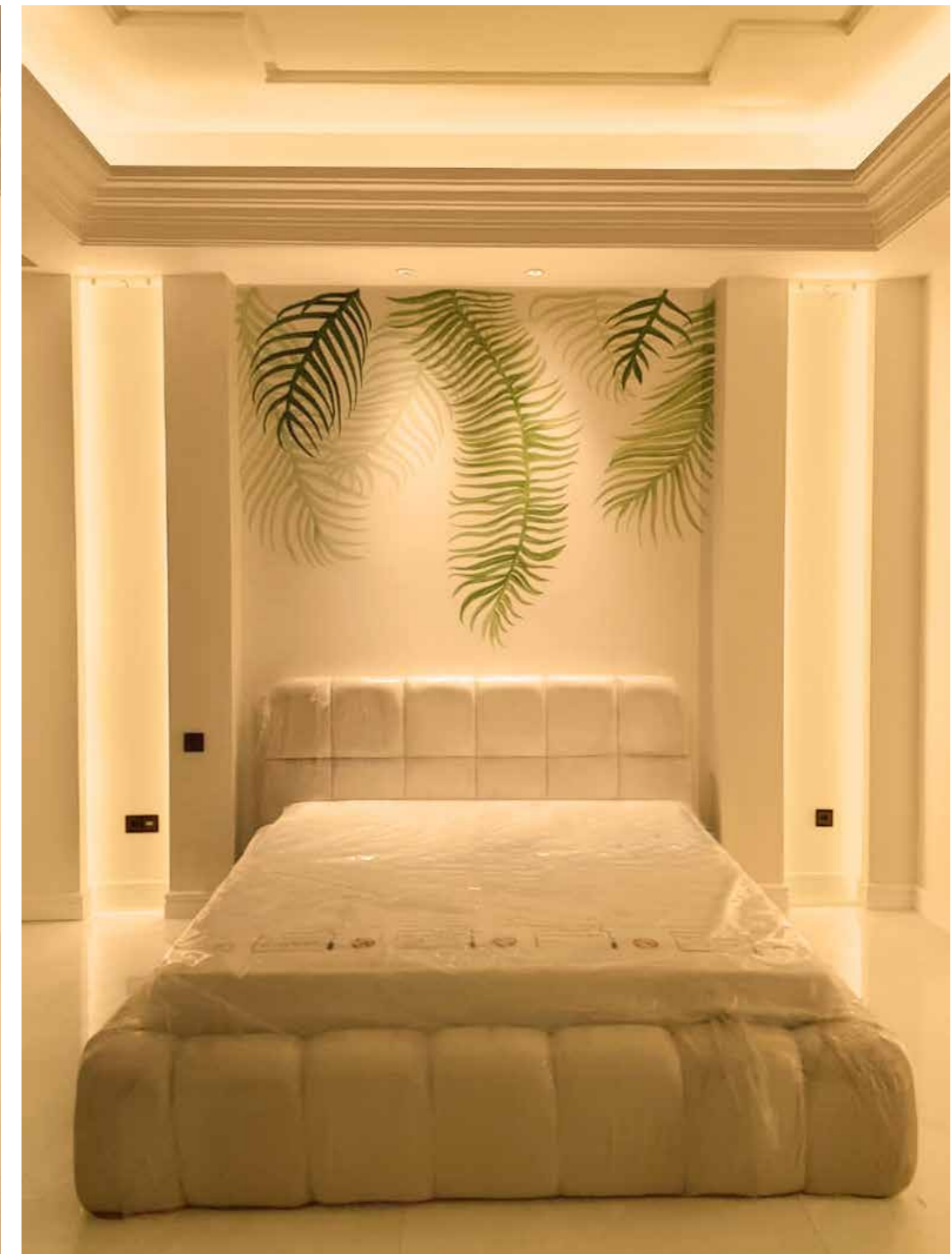
پروژه ویلایی - شهرک غرب

مشاوره، طراحی سیستم روشنایی و
نورپردازی، تامین تجهیزات و اجرای
پروژه روشنایی و نورپردازی

کارفرما: جناب دکتر الفت









LED LIGHT
TRACK LIGHT
RECESSED SPOT LIGHT



CAMINO
HS000LB-1681-T



CAMINO elitee-plus
HS000LC- 1688 -T



PENDER
HS000LB- 1685 -T



PENDER nano
HS000LB-1686-T



LAVAR
HS164LC- 624T-A



LAVAR mini
HS140LC- 624M-A



LAVAR nano
HS96LC- 10001 -A



VIVO led
HS148LC- 8024 -A



RICO led
HS142LC- 8025 -A



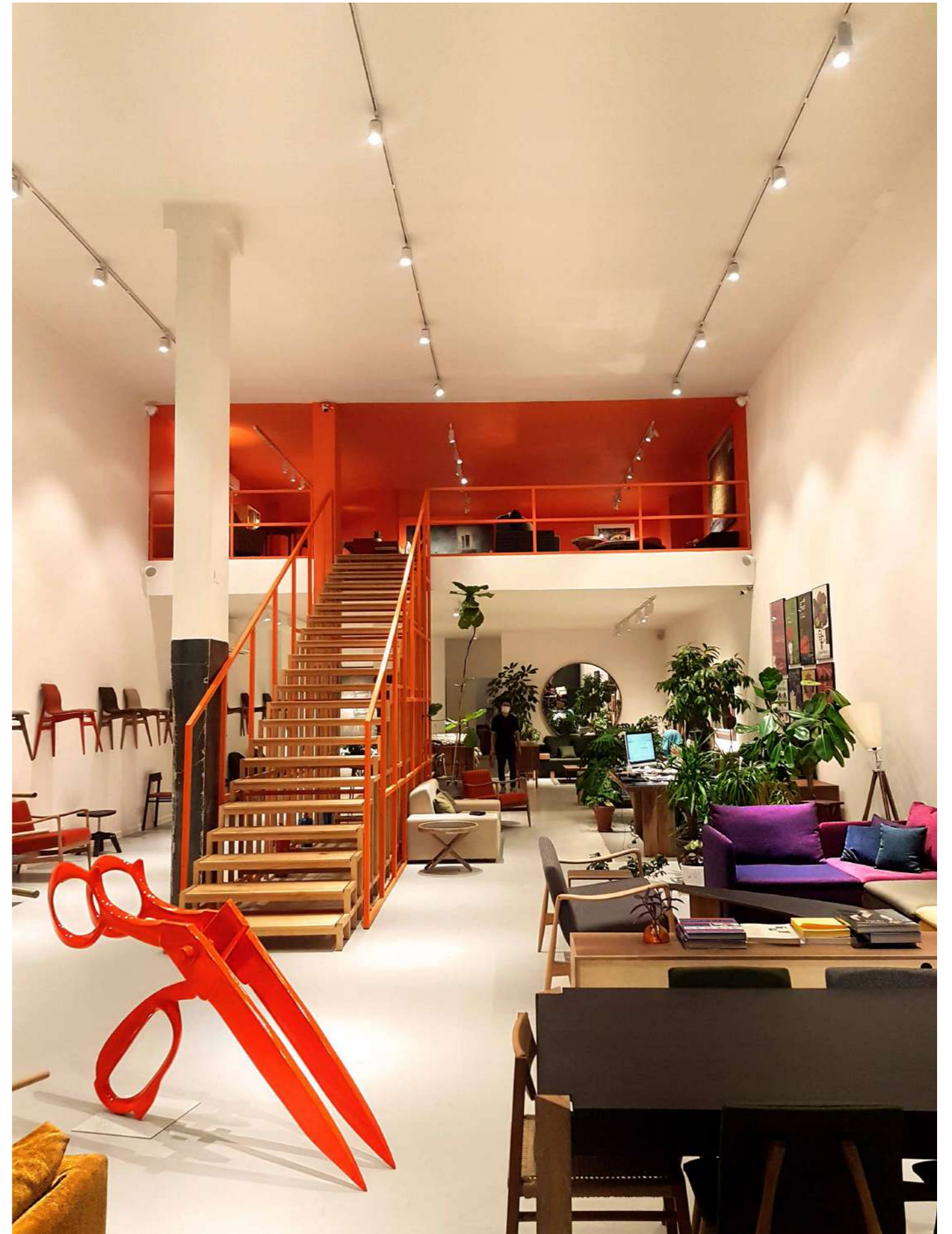
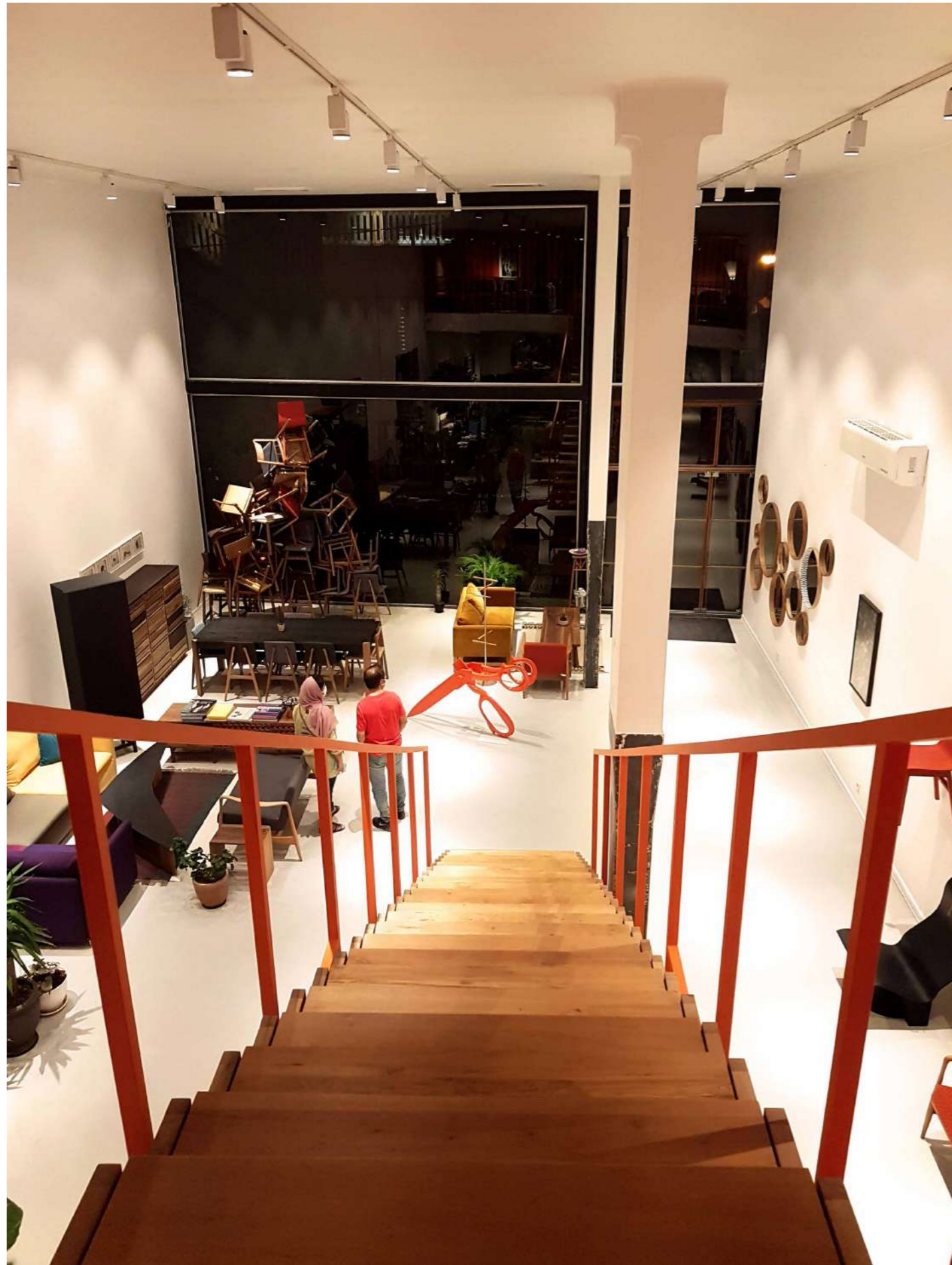
گالری نشیمن

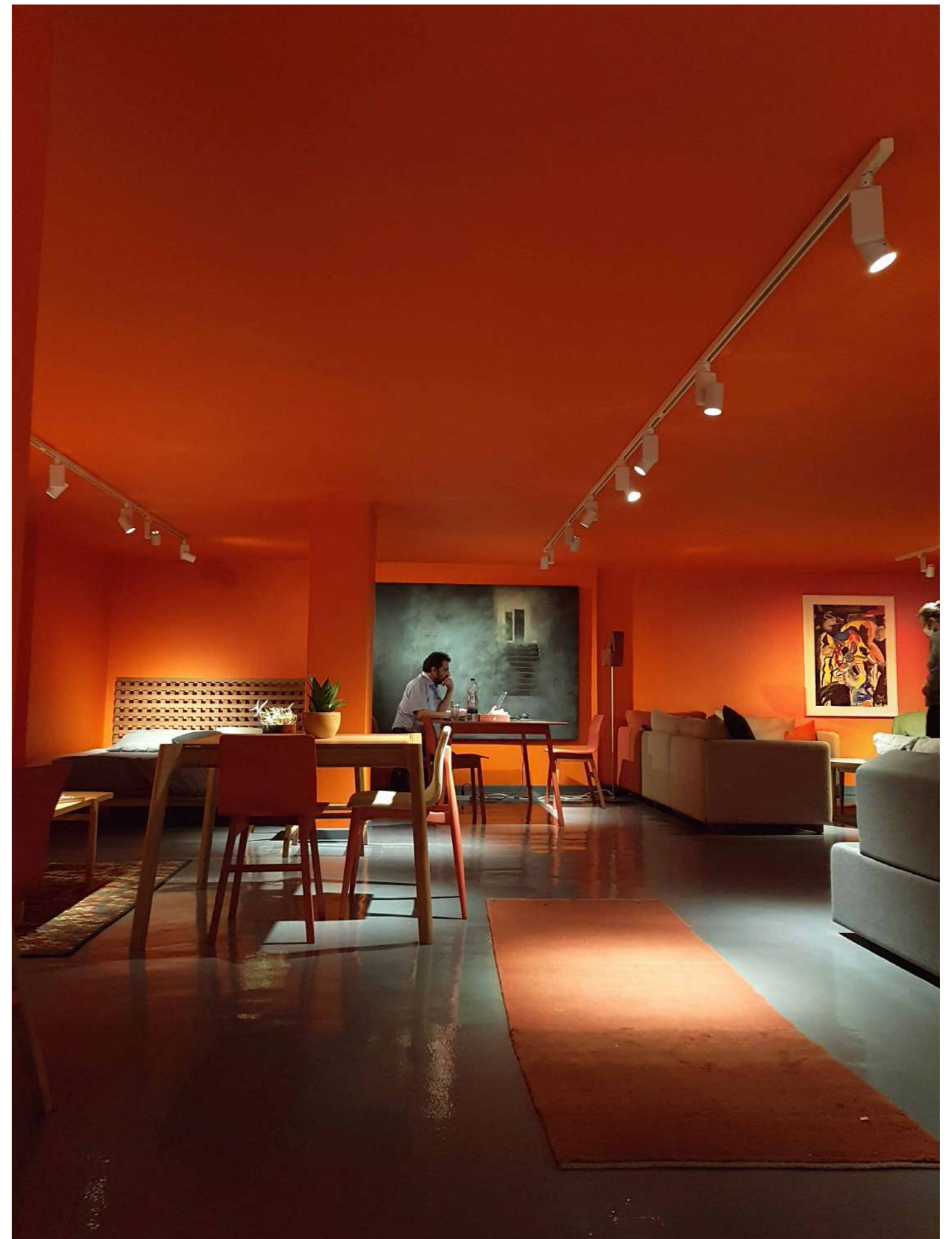
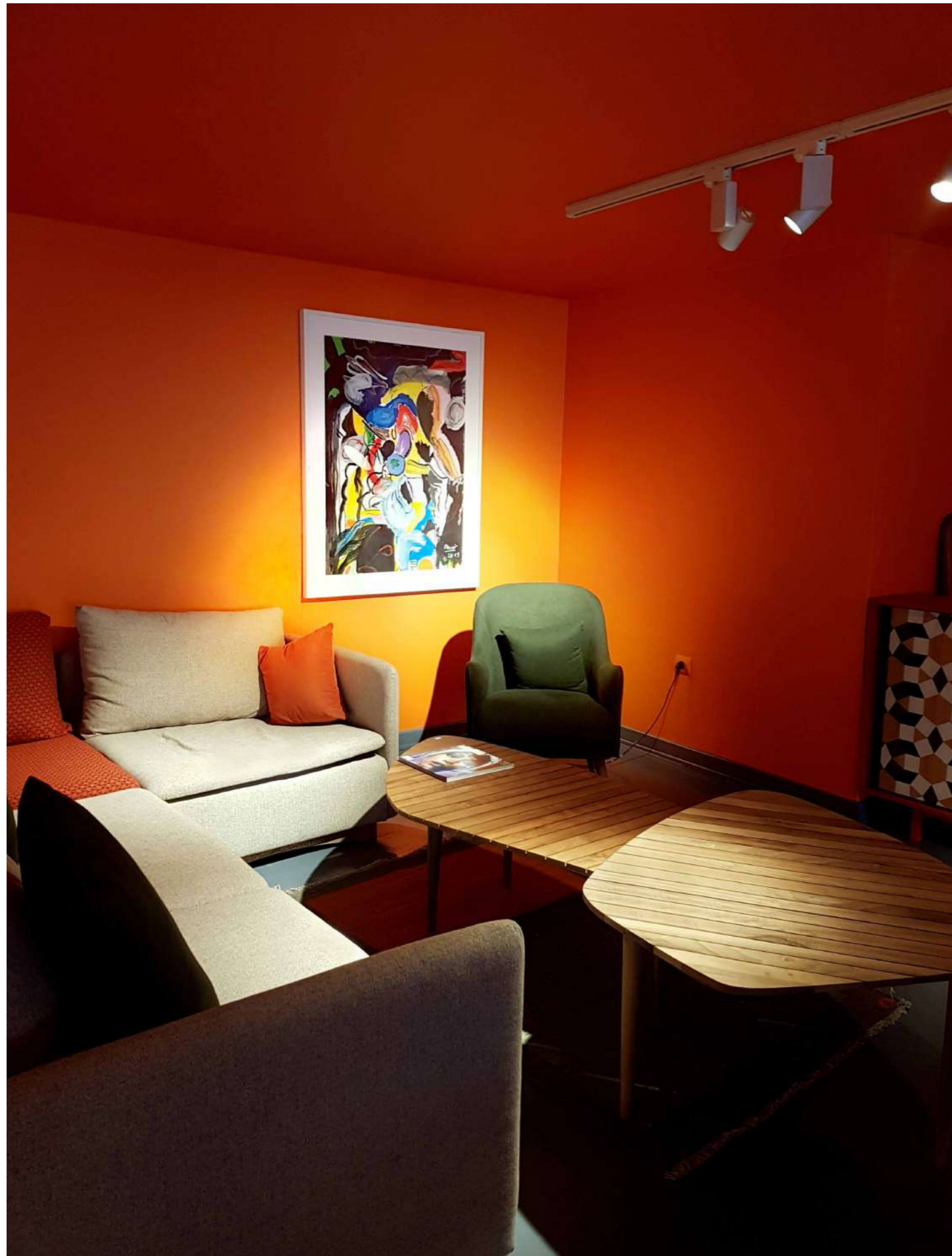
طراحی، تامین تجهیزات، نظارت و اجرای پروژه روشنایی و نورپردازی

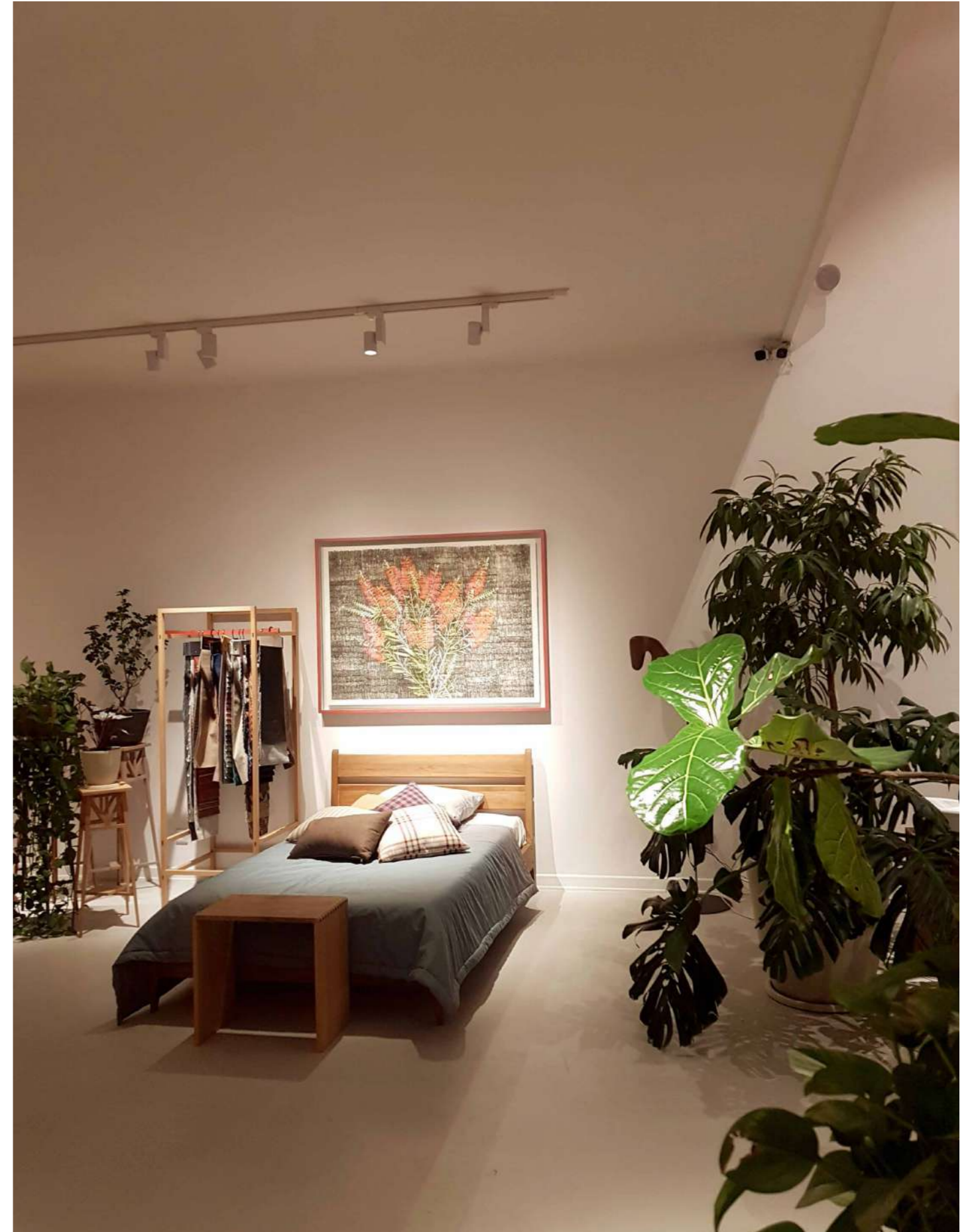


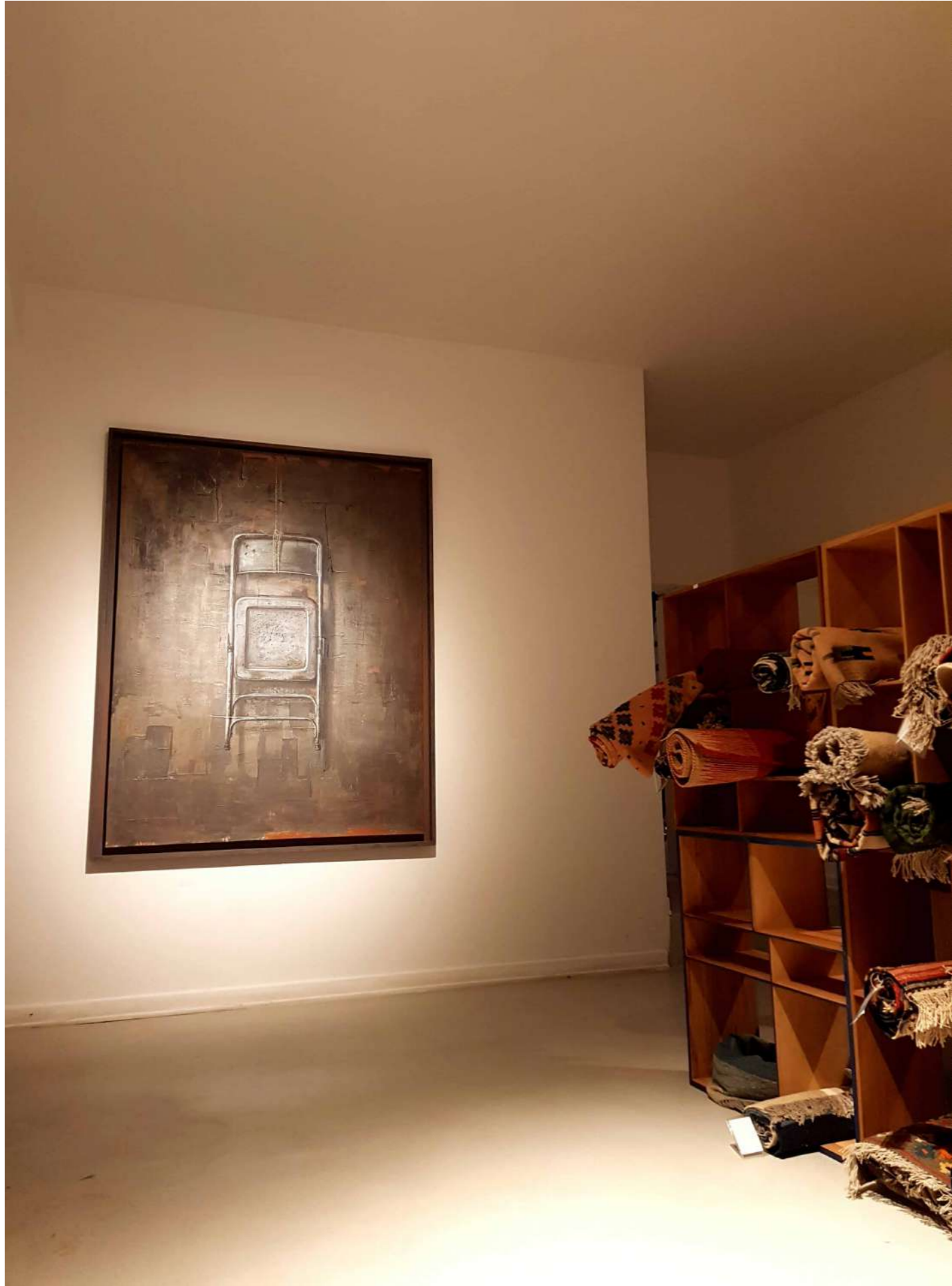
NESHIMAN gallery

Lighting design , Supply luminaires equipment supervising & Execution the lighting project









CAMINO



BRIEF INTRODUCTION: HS000LB-1681-T

Power Input:
40W, 50W, 60W
Current Input: Respectively for power
1050, 1400, 1600mA
System Lumen: 2720, 3400, 4080lm
COB efficacy: 130lm /watt
COB Lumen: 5200, 6500, 7800lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <90 °C
Maximum Continuous Operation
Temperature: <60 °C
IP: 43
Optional integral dimmable driver:
1-10V/DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
and open Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Available
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Conductive paint
Locking Tab: Available
Locking Aiming: Luminaire rotation
can be lock
Switch ON/OFF: available in housing
Driver Housing: Die-cast aluminum
powder coated

Color Options



Certifications



Subject to technical alterations.

Description:

CAMINO with powerful COB and high performance mirrored reflector delivers high quality light and outstanding luminaire efficacy. Innovative temperature management system provides safe way to use the COB with maximum lifetime.

This ideal energy efficient system enables to distribute the light in any direction. Luminaire attaches to hanging or recessed power track and mechanically could be positioned anywhere in Track. The lock on body allows to fix the position or remove and reposition luminaire.

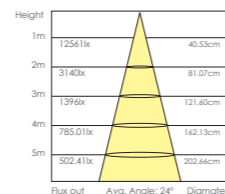
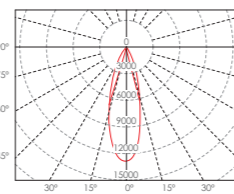
The luminaire arm allows to adjust the lamp housing up to 90°

It also pivots around ballast housing up to 355°.

Reflector

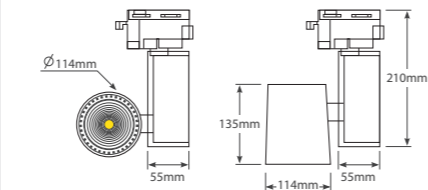
Medium

Power: 40W



Acrylic Cover Incl.

Project	Date
Quantity:	
Comment:	
Prepared By:	



Size can be cahnge without prior notice.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.

Average life of LED chip is 50000 hours,

Color rendering index above 85, makes it ideal for the most colourful displays.

Colour temperature options: 2700K, 3000K, 4000K, 5000K

Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED.

Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.

Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.

Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

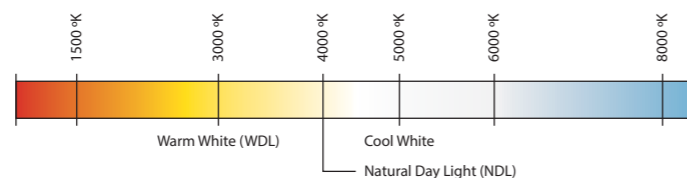
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

LED TRACK LIGHT CAMINO HS-000LB-1681-T



Series of HSI Track luminaire is available in latest LED lighting engineering. Diecast modern body design, brilliant light power and quality combined with flexibility in positioning make this model suitable to use as accent display lighting or ambient lighting.



LAVASAN BMW CENTER

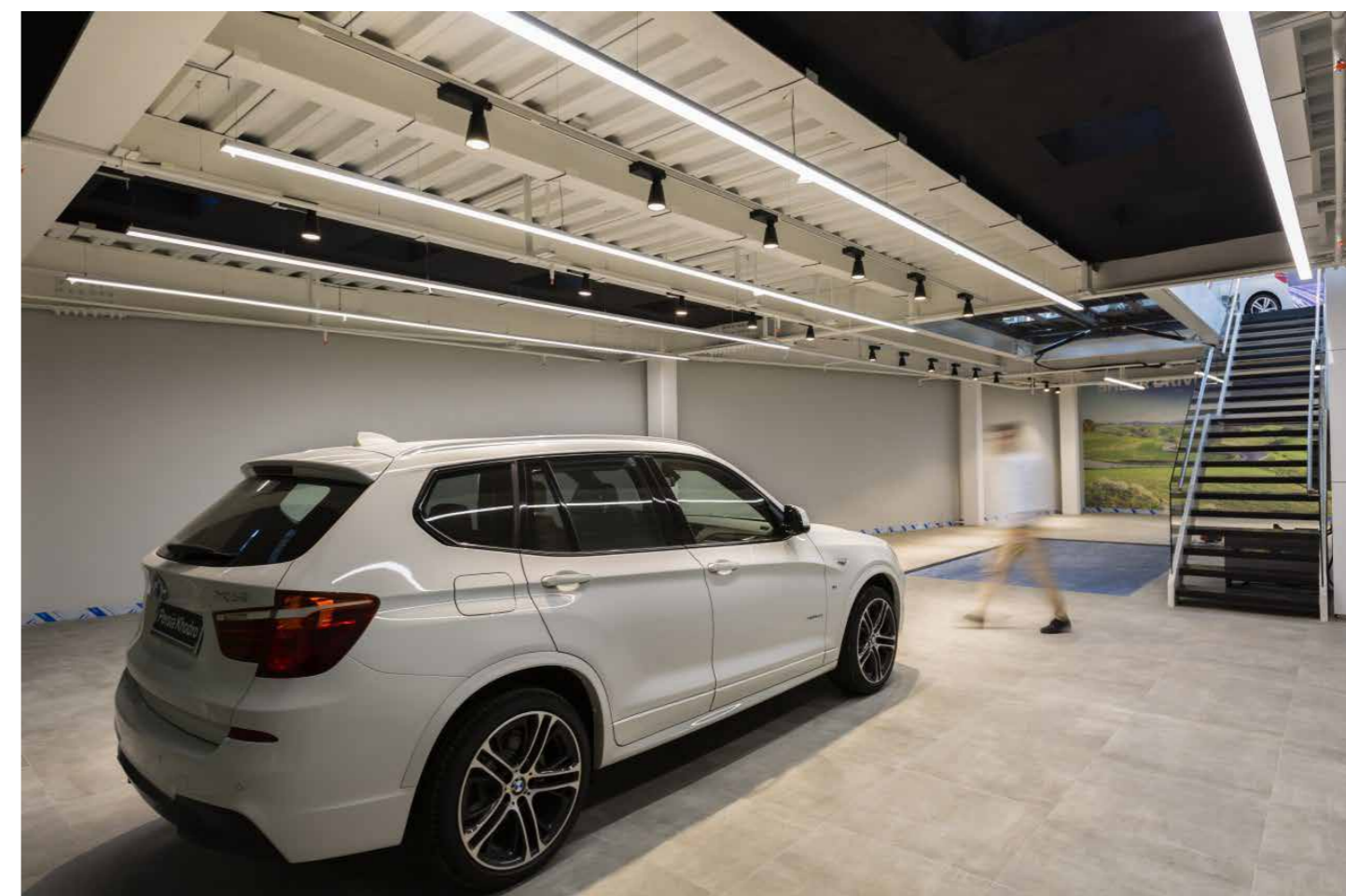
Consultation, Electrical calculations
Supply luminaires equipment &
Execution the lighting project

Architect : DYBAN international (Darab Diba)
photo:MiM studio

پرشیا خودرو نمایندگی لواسان

مشاوره ، محاسبات الکتریکال ، تامین تجهیزات
و اجرای پروژه روشنایی ونورپردازی

معمار: مهندسان مشاور دیبان (داراب دیا)









BREIF INTRODUCTION:
HS000LC-1688-T

Power Input:
18W, 25W

Current Input: Respectively for power
500mA, 700mA

System Lumen: 2304lm, 3200lm

COB Efficacy: Max 180 lm/Watt

CCT: 2700K, 3000K, 4000K, 6000K

CRI: >85, >90

Driver Efficiency: >95%

Driver Power Factor: >90

Short Circuit, Overload, Over heat
Protection: Available

Sound Rating: Class A

COB junction temperature: <90 °c

Maximum Continuous operation
temperature: < 27 °c

IP: 43

Tunable Function: 2700K - 6500K

Tunable option controller
remote RF driver, DMX

Optional Integrated Dimmable Driver:
1-10v / DMX / DALI / Triac

COB Structure:
6 pieces series 2 parallel
12 pieces series 2 parallel
12 pieces series 3 parallel

FIXTURE DATA:

Recommended for indoor plaster
board Ceiling:
surface mounted/ suspended

Material: Die-cast Aluminum body

Color: Black/ White

Finishing: Matt powder coated

Beam Angle: Spot, Medium, Flood

Active Heat Disappassion : N/A

Lens: N/A

Heat Sink: Die cast aluminum

Cut Out size: N/A

Extra accessories:
-Suspension Kit
-Special Dali Adaptors

Color Options



Compliance



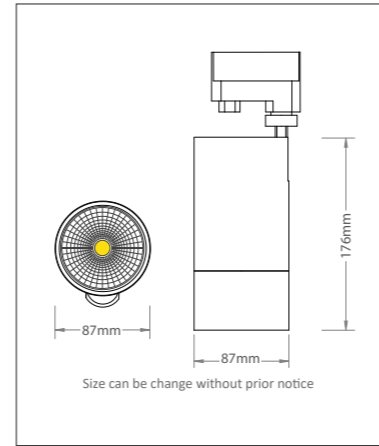
Subject to technical alternations.

Description:

Camino elitee-plus with powerful COB and high performance mirrorized reflector delivers high quality light and outstanding luminaire efficacy.

innovative heat management system provide safe way to use the COB in maximum lifetime. this ideal energy efficient system enables to distribute the light in any direction. luminaire attaches to hanging or recessed power track and mechanically could be positioned anywhere in track.

the lock on body allows to fix the position or reposition the fixture



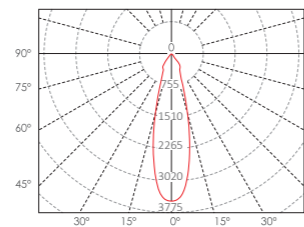
Photometric Data*
Luminaire Performance

Light output ration 85%

Luminaire Efficacy 111.4 lm/w

Light Distribution

Color Tempreture 6500 k



Height	Flux out	Avg. Angle: 24°	Diameter
1m	3775 lk/klm		23.12 cm
2m	945 lk/klm		46.25 cm
3m	420 lk/klm		69.3 cm
4m	235lk/klm		92.5 cm
5m	147 lk/klm		115.62cm

* These data are subject to changes as result of sharp improvement in the chips and lens technology.

The light module is provided with full equipment package including die cast aluminum body, wiring, electronic driver , heat sink , ...

The Light Source - COB

The COB in HSI products supplied by the COB manufacturers which are market leading in the lighting industry concerning high standard and innovative material. So the Lighting products can deliver the maximum amount of light using as little as the power. This COB efficacy could be even more than 180 lumen/w. The luminous efficacy could be varied for different color related color temperature.

Light Quality

The appearance of light color both in terms of Chromacity (CCT) and Color Rendition (CRI), are important in the overall feeling of space. Therefore designers should consider both Chromacity and CRI as key components of a design.

LED

Average life of LED chip is 50000 hours, Colour rendering index above 90, makes it ideal for the most colourful displays.

Optic Component

In architectural lighting the quality of light is paramount. Getting different uniform shades

of colour and being able to control the end result is all about optics. Whether asymmetric wall-washing, colour mixing, narrow spot, elliptical or blade light – optics determine how the light from the source is actually distributed and how well it performs in the given application.

TM-30-15

TM-30-15 is a new method for characterizing the color rendering ability of white light sources. CRI does not necessarily represent the actual colors that we would encounter in the real world. TM-30-15 providing more statistically representative and reliable metric in describing a light source's ability to faithfully-render colors.

Led Driver

Led Driver is electronic based and working on universalvoltage 120V-277V to provide DC power to the LED. Dimmable function is recommended to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized Aluminium coating cocentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Thermal management

Controlling the generated heat in electronic in drivers and heat-sink is fundamental to manufacture the reliable product. Temperature fluctuations and heat stress effect on a product's reliability and lifetime. It is important to understand that lifetime of product decrease as the temperature of component increases. Product temperature is a function of power dissipation, thermal resistance, and ambient temperature. Higher efficiency and low product thermal resistance can reduce the product operating temperature and improve the products lifetime significantly.

Certificate Process

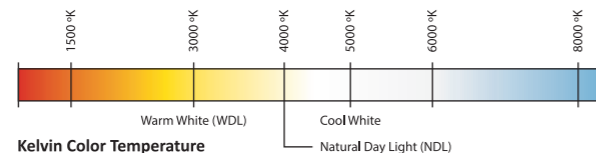
our products nationally and internationally is certified. luminaires mostly comply with norms such as CB, CE, ESMA, Kucas, Saso... required certificate by different countries or organization`s regulation would be possible to obtain as well.

Fixing Device

Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high standard requirements for prepared wire tips and mostly with non screw base socket.



LED TRACK LIGHT
CAMINO elitee-plus
HS000LC-1688-T



SAMAR gallery

Supply luminaires equipment
supervising & Execution the lighting project

گالری ثمر

تامین تجهیزات، نظارت و
اجرای پروژه روشنایی و نورپردازی









دفتر مرکزی بلو وینگز

تامین تجهیزات و اجرای
پروژه روشنایی و نورپردازی

طراح: مهندسین مشاور زما (مهندس رضا مفاخر)





BRIEF INTRODUCTION:
HS000LB-1685-T

Power Input:
25W, 35W, 40W
Current Input: Respectively for power
700mA, 900mA, 1050mA,
System Lumen: 1700lm, 2380lm, 2720
COB efficacy: 130lm /watt
COB Lumen: 3250lm, 4550lm, 5200lm
CCT: 3000K, 4000K, 6000K
CRI: >90
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <90 °C
Maximum Continuous Operation
Temperature: <60 °C
IP: 43
Optional integral dimmable driver:
1-10V/DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
and open Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Available
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Conductive paint
Locking Tab: Available
Locking Aiming: Luminaire rotation
can be lock
Switch ON/OFF: available in housing
Driver Housing: Die-cast aluminum
powder coated

Color Options



Certifications



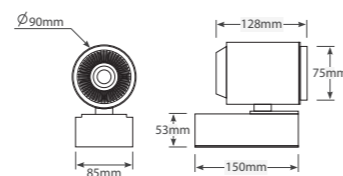
Subject to technical alterations.

Description:

PENDER with powerful COB and high performance mirrored reflector delivers high quality light and outstanding luminaire efficacy. Innovative temperature management system provides safe way to use the COB with maximum lifetime.

This ideal energy efficient system enables to distribute the light in any direction. Luminaire attaches to hanging or recessed power track and mechanically could be positioned anywhere in track. The lock on body allows to fix the position or remove and reposition luminaire.

Project	Date
Quantity:	
Comment:	
Prepared By:	

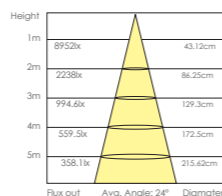
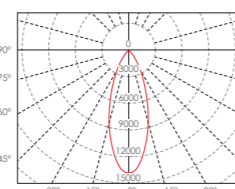


Size can be cahnge without prior notice.

Reflector

Medium

Power: 40W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

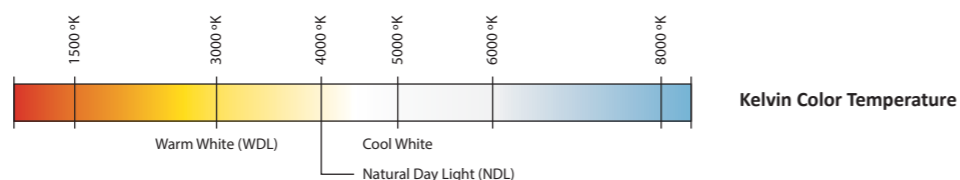
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



LED TRACK LIGHT
PENDER
HS-000LB-1685-T



Series of HSI Track luminaire is available in latest LED lighting engineering. Diecast modern body design, brilliant light power and quality combined with flexibility in positioning make this model suitable to use as accent display lighting or ambient lighting.



DANIELLEE STORE

Lighting design, Supply luminaires equipment & Execution the lighting project

فروشگاه دنیلی

طراحی سیستم روشنایی ونورپردازی، تامین تجهیزات و اجرای پروژه روشنایی ونورپردازی



دنیلی

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DANIELLEE STORE

Lighting design, Supply luminaires
equipment & Execution the lighting
project

فروشگاه دنیلی - هایپر استار

طراحی سیستم روشنایی ونورپردازی، تامین
تجهیزات و اجرای پروژه روشنایی ونورپردازی

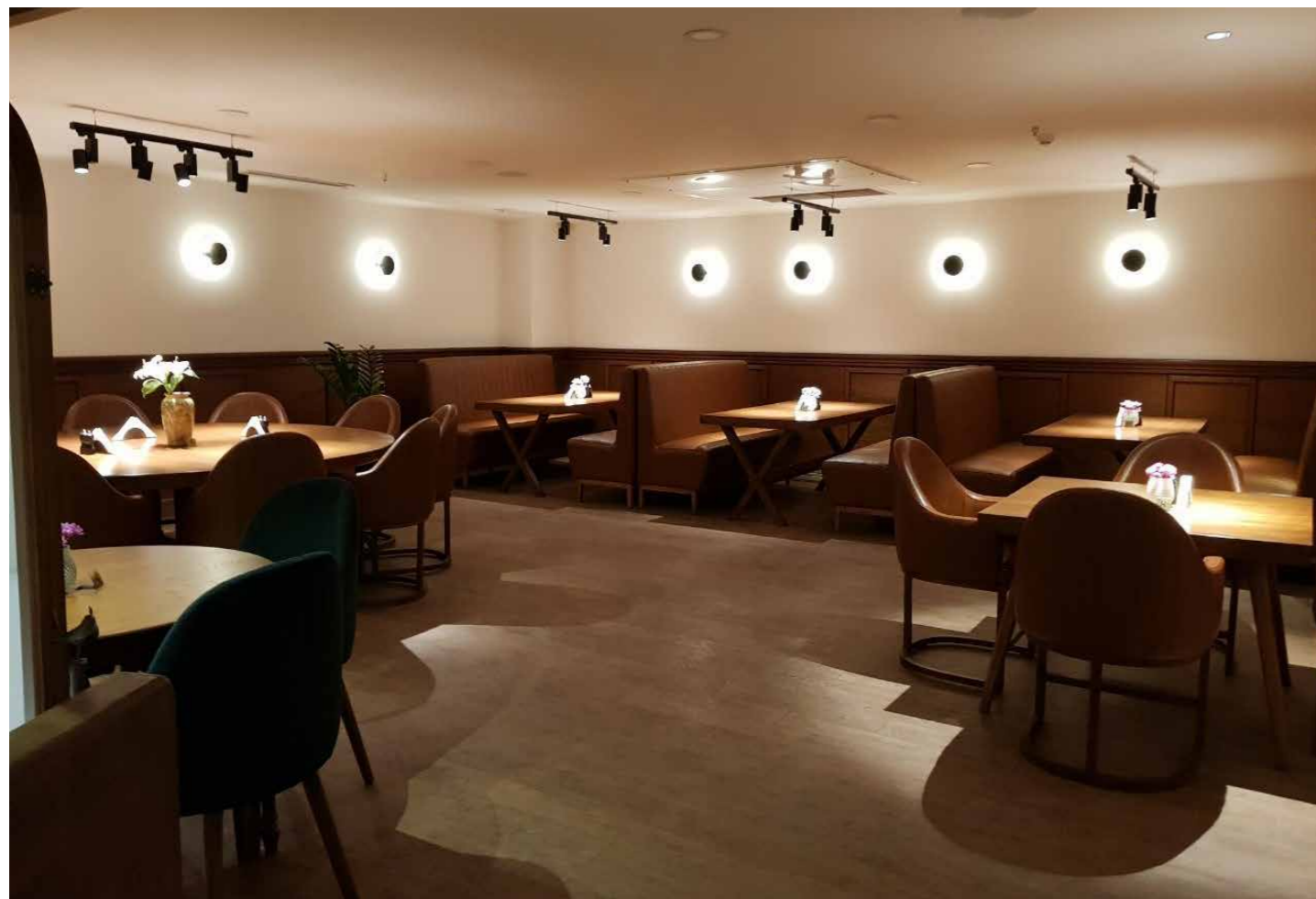


CHENIN RESTAURANT

Consultation, Lighting design
Supply luminaires equipment &
Execution the lighting project

رستوران چنین

مشاوره، طراحی، تامین تجهیزات
و اجرای پروژه روشنایی و نورپردازی



PENDER nano



BRIEF INTRODUCTION: HS000LB-1686-T

Power Input:
8W, 12W

Current Input: 180mA, 350mA
System Lumen: 592lm, 888lm

COB Efficacy: 130lm / watt
COB Lumen: 1040lm, 1560lm
CCT: 2700K, 6000K
CRI: >80
Voltage Input: 12V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <90 °C
Maximum Continuous Operation Temperature: <60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board Ceiling

Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Not Applicable
Locking Tab: Available
Locking Aiming:
Luminaire rotation can be lock
Switch ON/OFF: available in housing
Driver Housing: Die-cast aluminum

Color Options



Certifications

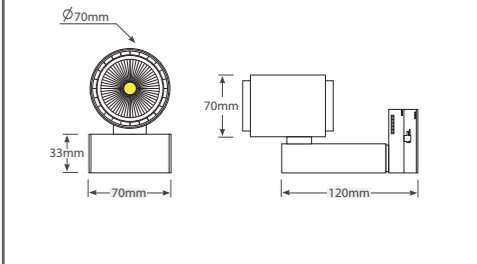


Subject to technical alterations.

Description:

PENDER nano track light with LED COB is made of aluminum powder coated. Spot light is rotatable 355° and driver housing pivot 180°.

Project	Date
Quantity:	
Comment:	
Prepared By:	

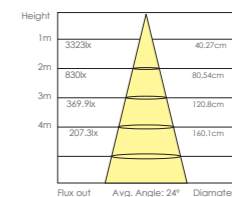
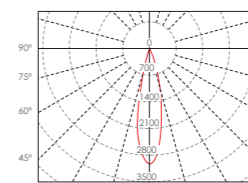


Size can be change without prior notice.

Reflector

Medium

Power: 12W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

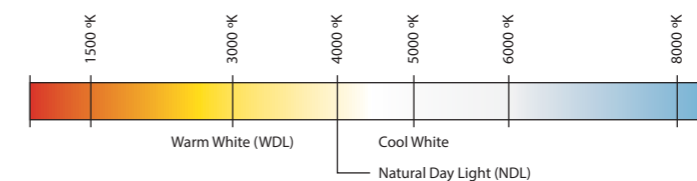
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

LAVAR



BRIEF INTRODUCTION: HS164LC-624T-A

Power Input:
35W, 40W, 45W

Current Input: Respectively for power
900mA, 1050mA, 1200mA

System Lumen: 2380, 2720, 3060lm,
COB efficacy: 130lm/watt

COB Lumen: 4550lm, 5200lm, 5850lm
CCT: 3000K, 4000K, 6000K

CRI: >85

R9 Value: 43, for 4000K

Lens: Available

Driver Voltage Input: 90 -240V

Driver Power Factor: >90

Driver Efficiency: >85%

Short circuit overload protection: available

Sound Rating: Class-A

COB Junction Temperature:<90 °C

Maximum Continuous Operation
Temperature:<60 °C

IP: 43

Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling

Material: Die-cast Aluminum Body

Colour: Black / White

Finishing: Matt Powder coated

Beam Angle: Spot, Medium, Flood

Active Fan: Not Applicable

Heat Sink: Solid body joint free die
cast aluminum

Heat sink finishing: Conductive paint

Color Options



Certifications



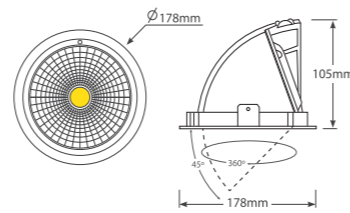
Subject to technical alterations.

Description:

LAVAR, energy efficient and high quality recessed spot light is newest HSI improved modular LED product. The powerful light with innovative optic design and high performance reflector along with different beam angle, provides multi-directional light and low power consumption.

LAVAR is suitable for fixing plaster board ceiling and major part of the luminaire will be recessed inside ceiling. Rotating mechanism allows to 355° orbit inside round frame, which gives the optimum mobility to light. Can be used as focal light to emphasize individual objects or architectural elements.

Project	Date
Quantity:	
Comment:	
Prepared By:	



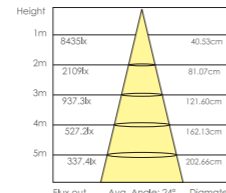
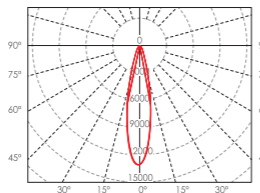
Cutout Size: Ø164mm

Size can be cahnge without prior notice.

Reflector

Medium

Power: 40W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

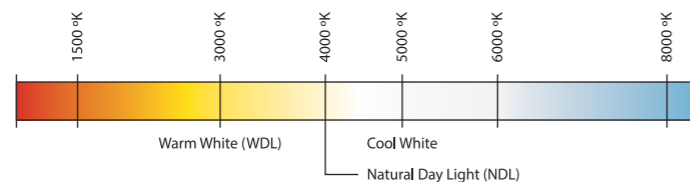
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

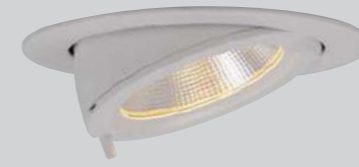
All components are provided with 2 year limited guarantee A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

LED SPOT LIGHT

LAVAR mini HS140LC-624M-A
LAVAR nano HS96LC-10001-A
LAVAR HS164LC-624T-A



Recessed spotlight/wall washer LED, rotational function up to 355°. Can be focused into any direction. Specially recommended for merchandising, wall displaying, focal emphasizing, suitable for accessories and fashion outlet to highlight products, texture or interior design elements.

LAVAR nano



BRIEF INTRODUCTION: HS96LC-10001-A

Power Input:
8W, 12W

Current Input: Respectively for power
180mA, 350mA

System Lumen: 740lm, 888lm
COB efficacy: 130lm/watt
COB Lumen: 1300lm, 1560lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Available
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature:<90 °C
Maximum Continuous Operation
Temperature:<60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling

Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Not Applicable
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Conductive paint

Color Options



Certifications



Subject to technical alterations.

Description:

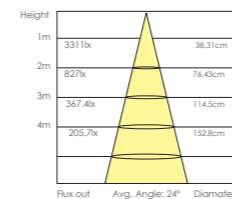
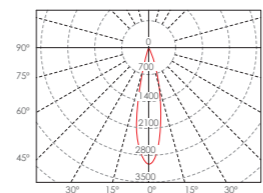
LAVAR nano, energy efficient and high quality recessed spot light is newest HSI improved modular LED product. The powerful light with innovative optic design and high performance reflector along with different beam angle, provides multi-directional light and low power consumption.

LAVAR nano is suitable for fixing plaster board ceiling and major part of the luminaire will be recessed inside ceiling. Rotating mechanism allows to 355° orbit inside round frame, which gives the optimum mobility to light. Can be used as focal light to emphasize individual objects or architectural elements.

Reflector

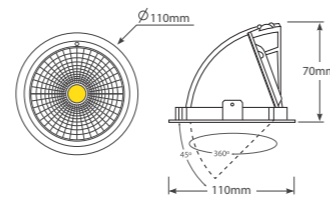
Medium

Power: 12W



Acrylic Cover Incl.

Project	Date
Quantity:	
Comment:	
Prepared By:	



Cutout Size: Ø 96mm
Size can be cahnge without prior notice.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.
Average life of LED chip is 50000 hours,
Color rendering index above 85, makes it ideal for the most colourful displays.
Colour temperature options: 2700K, 3000K, 4000K, 5000K
Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED.
Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.
Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.
Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

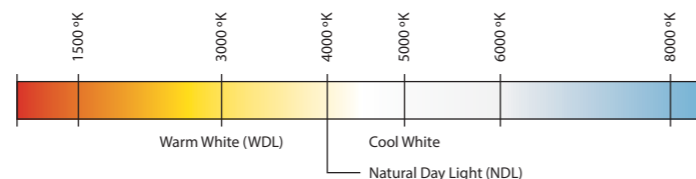
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee
A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

LAVAR mini



BRIEF INTRODUCTION: HS140LC-624M-A

Power Input:
18W, 25W

Current Input: Respectively for power
500mA, 700mA

System Lumen: 1224lm, 1700lm
COB efficacy: 130lm/watt
COB Lumen: 2340lm, 3250lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Available
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature:<90 °C
Maximum Continuous Operation
Temperature:<60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling

Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Not Applicable
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Conductive paint

Color Options



Certifications



Subject to technical alterations.

Description:

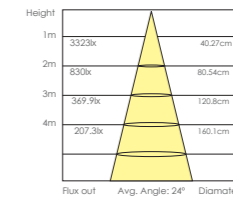
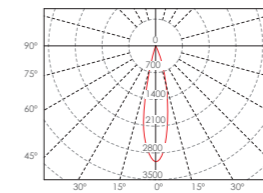
LAVAR mini, energy efficient and high quality recessed spot light is newest HSI improved modular LED product. The powerful light with innovative optic design and high performance reflector along with different beam angle, provides multi-directional light and low power consumption.

LAVAR mini is suitable for fixing plaster board ceiling and major part of the luminaire will be recessed inside ceiling. Rotating mechanism allows to 355° orbit inside round frame, which gives the optimum mobility to light. Can be used as focal light to emphasize individual objects or architectural elements.

Reflector

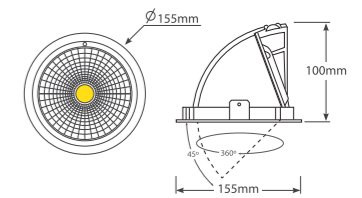
Medium

Power: 18W



Acrylic Cover Incl.

Project	Date
Quantity:	
Comment:	
Prepared By:	



Cutout Size: Ø140mm
Size can be cahnge without prior notice.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.
Average life of LED chip is 50000 hours,
Color rendering index above 85, makes it ideal for the most colourful displays.
Colour temperature options: 2700K, 3000K, 4000K, 5000K
Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED.
Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.
Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.
Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

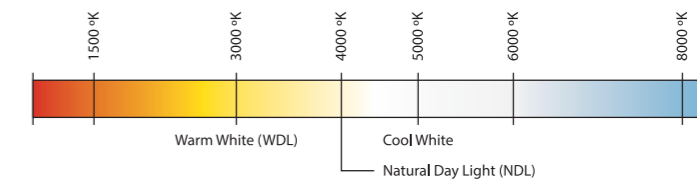
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee
A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

VIVO LED



BRIEF INTRODUCTION: HS148LC-8024-A

Power Input:
25W, 35W
Current Input: Respectively for power
700mA, 900mA
System Lumen: 1700lm, 2380lm,
COB efficacy: 130lm /watt
COB Lumen: 3250lm, 4550lm,
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Available
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <90 °C
Maximum Continuous Operation
Temperature: <60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

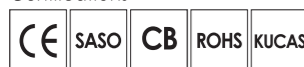
FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Not Applicable
Heat Sink: Solid body joint free die
cast aluminum
Heat sink finishing: Conductive paint

Color Options



Certifications



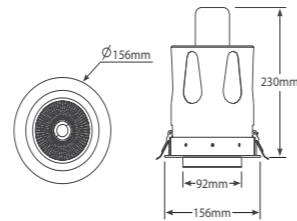
Subject to technical alterations.

Description:

VIVO LED wall washer with circular aluminum powder coated housing could be used as accent light in order to emphasize on architectural elements, textures or products.

Aperture can be adjusted manually to achieve fully recessed or surface mounted. The housing rotate 355° inside the frame and rotate vertically up to 40°. Designed in both Round and Square Frame.

Project	Date
Quantity:	
Comment:	
Prepared By:	



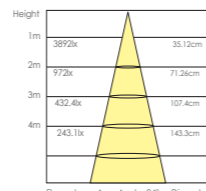
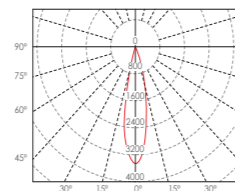
Cutout Size: Ø148mm

Size can be change without prior notice.

Reflector

Medium

Power: 25W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.

Average life of LED chip is 50000 hours,

Color rendering index above 85, makes it ideal for the most colourful displays.

Colour temperature options: 2700K, 3000K, 4000K, 5000K

Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.

Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.

Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes, and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

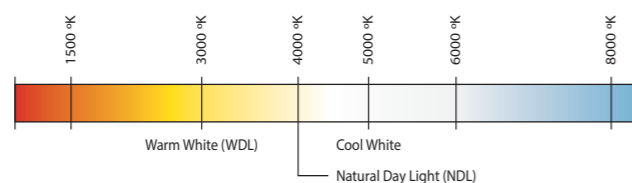
Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee

A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

RICO LED



BRIEF INTRODUCTION: HS142LC-8025-A

Power Input:
25W, 35W
Current Input: Respectively for power
700mA, 900mA
System Lumen: 1700lm, 2380lm,
COB efficacy: 130lm /watt
COB Lumen: 3250lm, 4550lm,
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Available
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <90 °C
Maximum Continuous Operation
Temperature: <60 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Active Fan: Not Applicable
Heat Sink: Solid body joint free die
cast aluminum
Heat sink finishing: Conductive paint

Color Options



Certifications



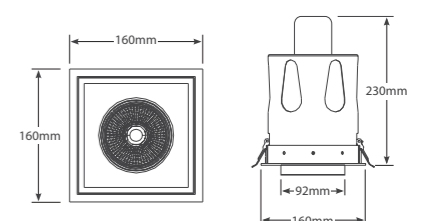
Subject to technical alterations.

Description:

RICO LED wall washer with square aluminum powder coated housing could be used as accent light in order to emphasize on architectural elements, textures or products.

Aperture can be adjusted manually to achieve fully recessed or surface mounted. The housing rotate 355° frame and rotate vertically up to 40°. Designed in both Round and Square Frame.

Project	Date
Quantity:	
Comment:	
Prepared By:	



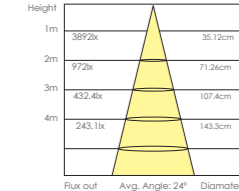
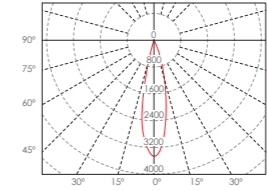
Cutout Size: 142*142mm

Size can be change without prior notice.

Reflector

Medium

Power: 25W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.

Average life of LED chip is 50000 hours,

Color rendering index above 85, makes it ideal for the most colourful displays.

Colour temperature options: 2700K, 3000K, 4000K, 5000K

Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.

Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.

Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes, and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

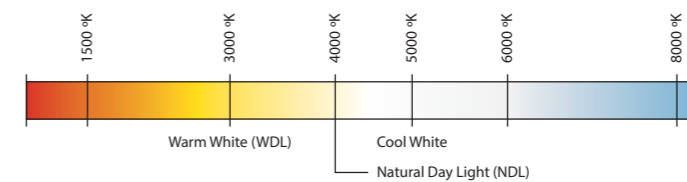
Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee

A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

WATCH HOUSE-MOE DUBI MALL-ABU DHBAI MALL

Consultation, Lighting design Supply luminaires equipment & Execution the lighting project





LED LIGHT DOWNLIGHTS



ARISTA
HS130LC-2002-A



ARISTA mini
HS95LC-1202-A



ARISTA nano
HS75LC-802-A



PROFUNDO
HS113LC-2003-F



PROFUNDO mini
HS90LC-1203-A



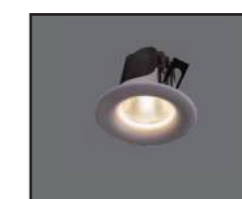
PROFUNDO nano
HS70LC-803-A



VERA
HS124LC-2001-F



VERA mini
HS90LC-1201-F



VERA nano
HS70LC-801-F



CUADRO mini
HS105LC-1209-A



CUADRO nano
HS82LC-809-A



ESENCIA
HS90LC-813-A



TENDENCIA
HS96LC-6041-A



FIGURA uno
HS120LC-1201-A



FIGURA dos
HS220LC-1201-A



FIGURA tres
HS324LC-1201-A



VEGA mini
HS150LC-2007-A

شرکت توسعه صنایع نفت و انرژی

مشاوره، تامین تجهیزات و اجرای پروژه روشنایی و نورپردازی

OEID

Consultation, Supply luminaires equipment
& Execution the lighting project





ARISTA mini



BRIEF INTRODUCTION:

HS95LC-1202-A

Power Input:
18W, 25W

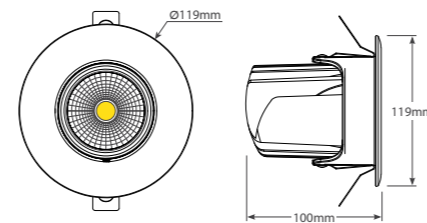
Description:

Like other HSI modular system, ARISTA mini is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



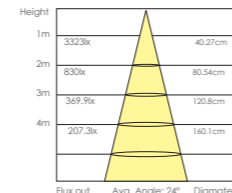
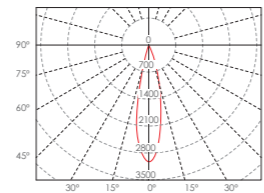
Cutout Size: Ø95mm

Size can be change without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

ARISTA



BRIEF INTRODUCTION:

HS130LC-2002-A

Power Input:
25W, 35W, 40W
Current Input: Respectively for power
700mA, 900mA, 1050mA
System Lumen: 1700, 2380, 2720lm
COB efficacy: 130lm /watt
COB Lumen: 3250, 4550, 5200lm
CCT: 3000K, 4000K, 6000K

CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70°C
Maximum Continuous Operation Temperature: <70°C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



Subject to technical alterations.

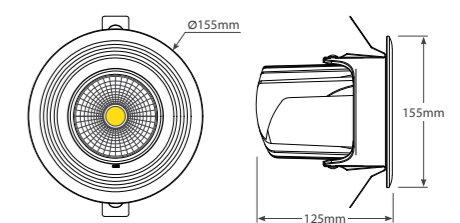
Description:

Like other HSI modular system, ARISTA is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



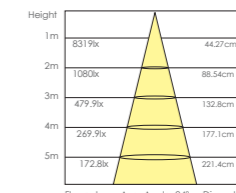
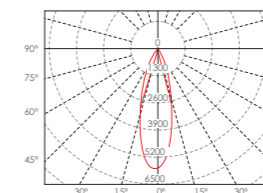
Cutout Size: Ø130mm

Size can be change without prior notice.

Reflector

Medium

Power: 25W



Acrylic Cover Incl.

ARISTA nano



BRIEF INTRODUCTION:

HS75LC-802-A

Power Input:
8W, 12W

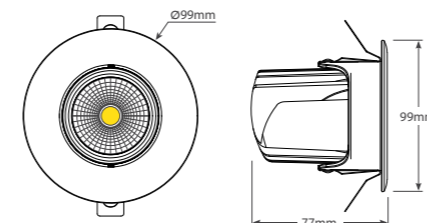
Description:

Like other HSI modular system, ARISTA nano is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



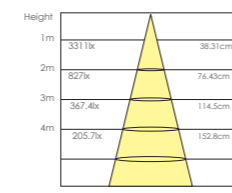
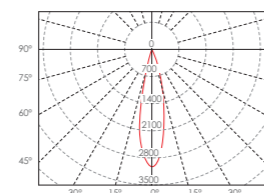
Cutout Size: Ø75mm

Size can be change without prior notice.

Reflector

Medium

Power: 12W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.

Average life of LED chip is 50000 hours,

Color rendering index above 85, makes it ideal for the most colourful displays.

Colour temperature options: 2700K, 3000K, 4000K, 5000K

Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED.

Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.

Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.

Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

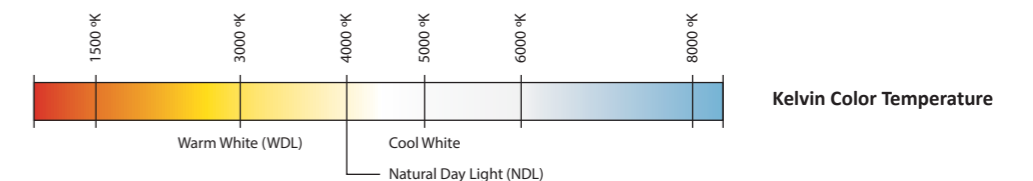
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



PROFUNDO mini



BRIEF INTRODUCTION:

HS90LC-1203-A

Power Input:
18W, 25W

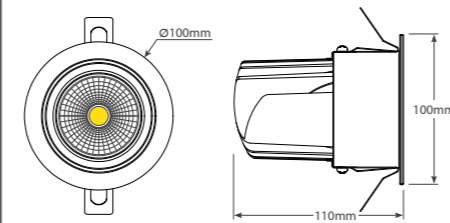
Description:

Like other HSI modular system, PROFUNDO mini is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



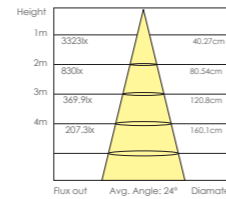
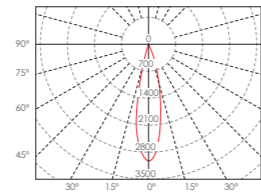
Cutout Size: \varnothing 90mm

Size can be change without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

PROFUNDO



BRIEF INTRODUCTION:

HS113LC-2003-F

Power Input:
25W, 35W, 40W
Current Input: Respectively for power
700mA, 900mA, 1050mA
System Lumen: 1700, 2380, 2720lm
COB efficacy: 130lm/watt
COB Lumen: 3250, 4550, 5200lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70°C
Maximum Continuous Operation
Temperature: <70°C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

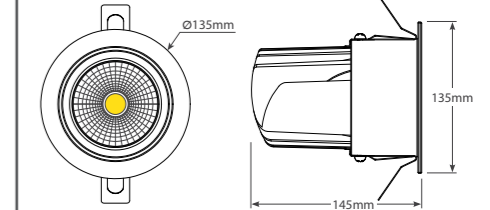
Description:

Like other HSI modular system, PROFUNDO is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



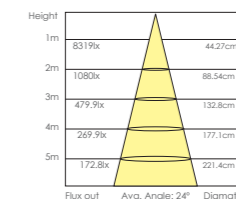
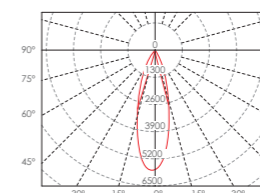
Cutout Size: \varnothing 113mm

Size can be change without prior notice.

Reflector

Medium

Power: 25W



Acrylic Cover Incl.

PROFONDO nano



BRIEF INTRODUCTION:

HS70LC-803-A

Power Input:
8W, 12W

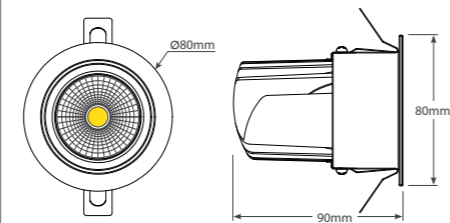
Description:

Like other HSI modular system, PROFUNDO nano is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	



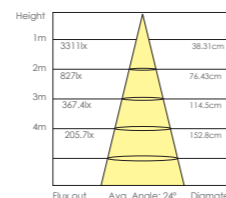
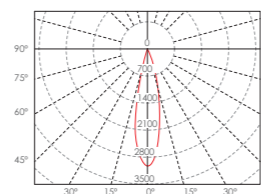
Cutout Size: \varnothing 70mm

Size can be change without prior notice.

Reflector

Medium

Power: 12W



Acrylic Cover Incl.

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



Subject to technical alterations.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

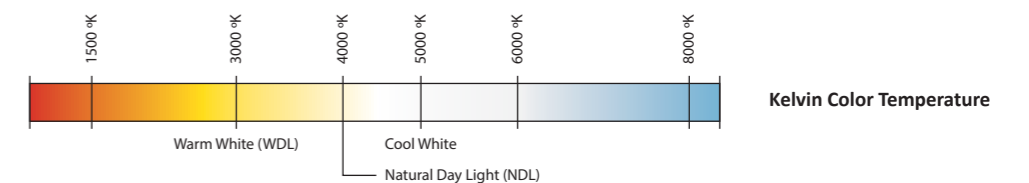
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



VERA mini



BRIEF INTRODUCTION: HS90LC-1201-F

Power Input:
18W, 25W

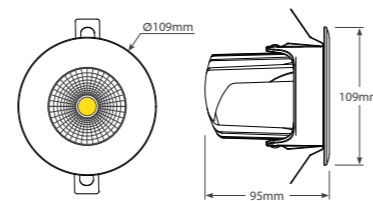
Description:

Like other HSI modular system, VERA mini is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	

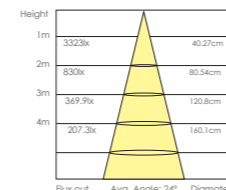
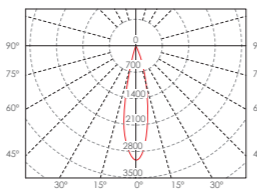


Cutout Size: \varnothing 90mm
Size can be change without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

VERA nano



BRIEF INTRODUCTION: HS70LC-801-F

Power Input:
8W, 12W

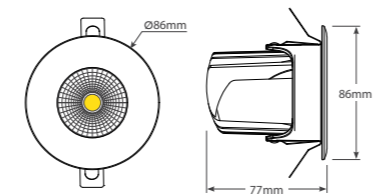
Description:

Like other HSI modular system, VERA nano is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	

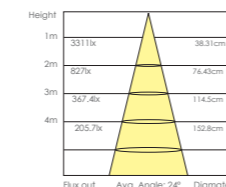
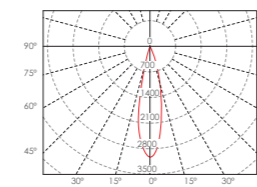


Cutout Size: \varnothing 70mm
Size can be change without prior notice.

Reflector

Medium

Power: 12W



Acrylic Cover Incl.

VERA



BRIEF INTRODUCTION: HS124LC-2001-F

Power Input:
25W, 35W, 40W
Current Input: Respectively for power
700mA, 900mA, 1050mA
System Lumen: 1700, 2380, 2720lm
COB efficacy: 130lm/watt
COB Lumen: 3250, 4550, 5200lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70°C
Maximum Continuous Operation
Temperature: <70°C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



Subject to technical alterations.

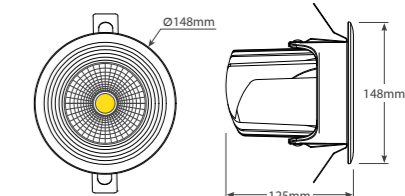
Description:

Like other HSI modular system, VERA is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	

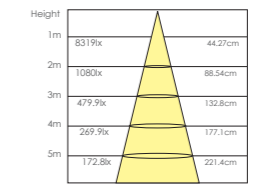
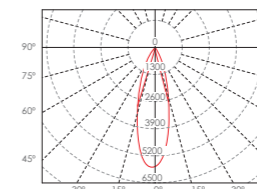


Cutout Size: 124mm
Size can be change without prior notice.

Reflector

Medium

Power: 25W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

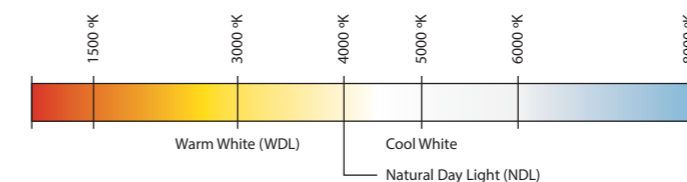
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

CUADRO nano



BRIEF INTRODUCTION:

HS82LC-809-A
 Power Input: 8W, 12W
 Current Input: Respectively for power 180mA, 350mA
 System Lumen: 592lm, 888lm
 COB Efficacy: 130lm/watt
 COB Lumen: 1040lm, 1560lm
 CCT: 3000K, 4000K, 6000K
 CRI: >85
 R9 Value: 43, for 4000K
 Lens: Not Applicable
 Driver Voltage Input: 90 -240V
 Driver Power Factor: >90
 Driver Efficiency: >85%
 Short circuit overload protection: available
 Sound Rating: Class-A
 COB Junction Temperature: <70 °C
 Maximum Continuous Operation Temperature: <60 °C
 IP: 43
 Optional integral dimmable driver: 1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board Ceiling
 Material: Die-cast Aluminum Body
 Colour: Black / White
 Finishing: Matt Powder coated
 Beam Angle: Spot, Medium, Flood
 Heat Sink: Solid body joint free die cast aluminum
 Heat sink finishing: Conductive paint

Color Options



Certifications



Subject to technical alterations.

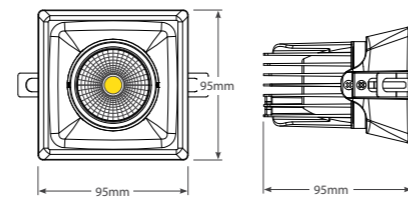
Description:

Like other HSI modular system, CUADRO nano is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	

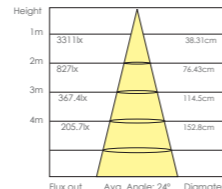
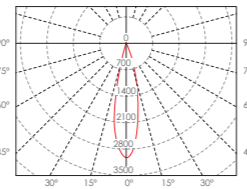


Cutout Size: 82*82mm
 Size can be change without prior notice.

Reflector

Medium

Power: 12W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes, and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

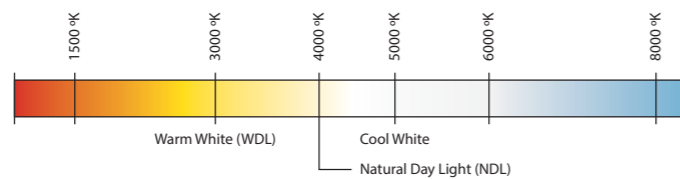
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

CUADRO mini



BRIEF INTRODUCTION:

HS105LC-1209-A
 Power Input: 18W, 25W
 Current Input: Respectively for power 500mA, 700mA
 System Lumen: 1224, 1700lm
 COB efficacy: 130lm/watt
 COB Lumen: 2340, 3250lm
 CCT: 3000K, 4000K, 6000K
 CRI: >85
 R9 Value: 43, for 4000K
 Lens: Not Applicable
 Driver Voltage Input: 90 -240V
 Driver Power Factor: >90
 Driver Efficiency: >85%
 Short circuit overload protection: available
 Sound Rating: Class-A
 COB Junction Temperature: <70 °C
 Maximum Continuous Operation Temperature: <70 °C
 IP: 43
 Optional integral dimmable driver: 1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board Ceiling
 Material: Die-cast Aluminum Body
 Colour: Black / White
 Finishing: Matt Powder coated
 Beam Angle: Spot, Medium, Flood
 Heat Sink: Solid body joint free die cast aluminum
 Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



Subject to technical alterations.

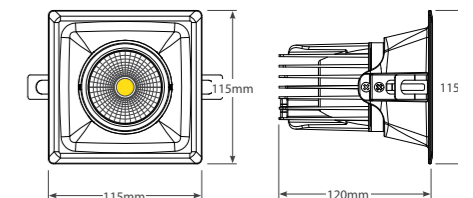
Description:

Like other HSI modular system, CUADRO mini is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

Project	Date
Quantity:	
Comment:	
Prepared By:	

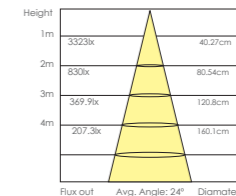
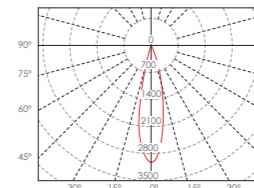


Cutout Size: 105*105mm
 Size can be change without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes, and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

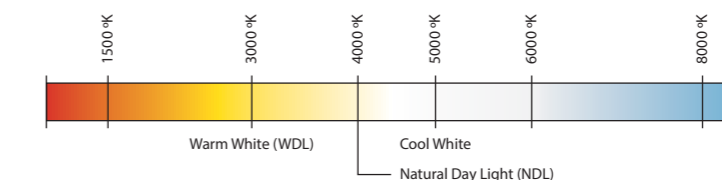
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature



BREIF INTRODUCTION:
HS96LC-6041-A

Power Input: 18W, 25W
 Current Input: Respectively for power 500mA, 700mA
 System Lumen: 2106lm, 2925lm
 COB Efficacy: Max 180 lm/Watt
 CCT: 2700K, 3000K, 4000K, 6000K
 CRI: >85, >90
 Driver Efficiency: >95%
 Driver Power Factor: >90
 Short Circuit, Overload, Over heat Protection: Available
 Sound Rating: Class A
 COB junction temperature: <90 °C
 Maximum Continuous operation temperature: < 27 °C
 IP: 43
 Tunable Function: 2700K - 6500K
 Tunable option controller remote RF driver, DMX
 Optional Integrated Dimmable Driver: 1-10v/DMX / Dali / Triac
 COB Structure:
 6 pieces series 2 parallel
 12 pieces series 2 parallel
 12 pieces series 3 parallel

FIXTURE DATA:

Recommended for indoor plaster board Ceiling; Recessed
 Material: Die-cast Aluminum body
 Color: Black/ White
 Finishing: Matt powder coated
 Beam Angle: Spot, Medium, Flood
 Active Heat Disappassion : N/A
 Lens: N/A
 Heat Sink: Die cast aluminum
 Cut Out size: 75 mm
 Extra accessories: N/A

Color Options



Compliance



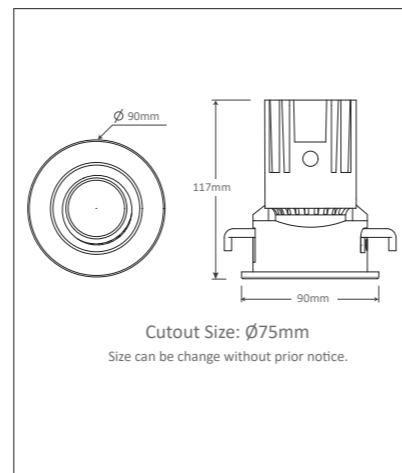
Subject to technical alterations.

Description:

Like other HSI modular system, TENDENCIA is the perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

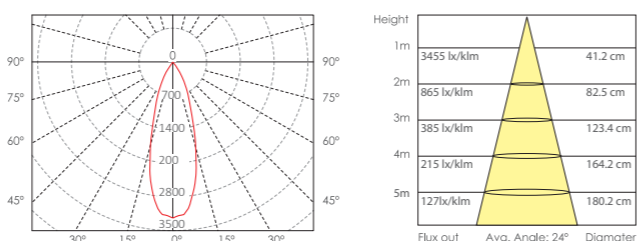
The Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.



Photometric Data*
Luminaire Performance

Light output ration 82%
 Luminaire Efficacy 107.5 lm/w
 Color Temperature 6500 k

* These data are subject to changes as result of sharp improvement in the chips and lens technology.



The light module is provided with full equipment package including die cast aluminum body, wiring, electronic driver , heat sink ,...

The Light Source - COB

The COB in HSI products supplied by the COB manufacturers which are market leading in the lighting industry concerning high standard and innovative material. So the Lighting products can deliver the maximum amount of light using as little as the power. This COB efficacy could be even more than 180 lumen/w. The luminous efficacy could be varied for different correlated color temperature.

Light Quality

The appearance of light color both in terms of Chromacity (CCT) and Color Rendition (CRI), are important in the overall feeling of space.

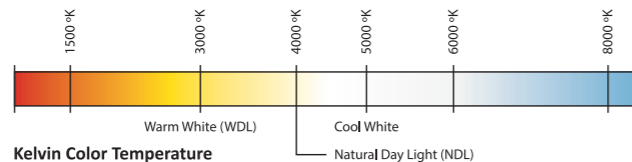
Therefore designers should consider both Chromacity and CRI as key components of a design.

LED

Average life of LED chip is 50000 hours, Colour rendering index above 90, makes it ideal for the most colourful displays.

Optic Component

In architectural lighting the quality of light is paramount. Getting different uniform shades



of colour and being able to control the end result is all about optics. Whether asymmetric wall-washing, colour mixing, narrow spot, elliptical or blade light – optics determine how the light from the source is actually distributed and how well it performs in the given application.

TM-30-15

TM-30-15 is a new method for characterizing the color rendering ability of white light sources. CRI does not necessarily represent the actual colors that we would encounter in the real world. TM-30-15 providing more statistically representative and reliable metric in describing a light source's ability to faithfully-render colors.

Led Driver

Led Driver is electronic based and working on universalvoltage 120V-277V to provide DC power to the LED. Dimmable function is recommended to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized Aluminium coating cocentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Thermal management

Controlling the generated heat in electronic in drivers and heat-sink is fundamental to manufacture the reliable product. Temperature fluctuations and heat stress effect on a product's reliability and lifetime. It is important to understand that lifetime of product decrease as the temperature of component increases. Product temperature is a function of power dissipation, thermal resistance, and ambient temperature. Higher efficiency and low product thermal resistance can reduce the product operating temperature and improve the products lifetime significantly.

Certificate Process

our products nationally and internationally is certified. luminaires mostly comply with norms such as CB, CE, ESMA, Kucas, Saso,... required certificate by different countries or organization`s regulation would be possible to obtain as well.

Fixing Device

Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high standard requirements for prepared wire tips and mostly with non screw base socket.



BRIEF INTRODUCTION:
HS90LC-813-A

Power Input: 8W, 12W
 Current Input: Respectively for power 180mA, 350mA
 System Lumen: 592lm, 888lm
 COB Efficacy: 130lm/watt
 COB Lumen: 1040lm, 1560lm
 CCT: 3000K, 4000K, 6000K
 CRI: >85
 R9 Value: 43, for 4000K
 Lens: Not Applicable
 Driver Voltage Input: 90 -240V
 Driver Power Factor: >90
 Driver Efficiency: >85%
 Short circuit overload protection: available
 Sound Rating: Class-A
 COB Junction Temperature: <70 °C
 Maximum Continuous Operation Temperature: <60 °C
 IP: 43
 Optional integral dimmable driver: 1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board Ceiling
 Material: Die-cast Aluminum Body
 Colour: Black / White
 Finishing: Matt Powder coated
 Beam Angle: Spot, Medium, Flood
 Heat Sink: Solid body joint free die cast aluminum
 Heat sink finishing: Conductive paint

Color Options



Certifications



Subject to technical alterations.

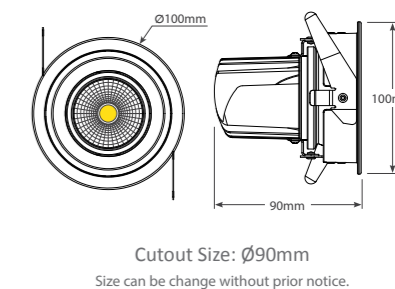
Description:

Like other HSI modular system, ESENCIA is perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

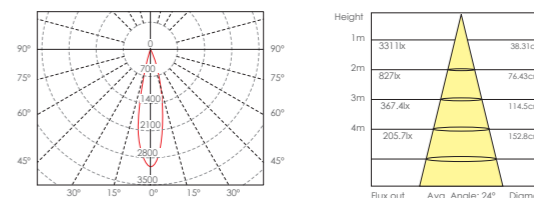
Project	Date
Quantity:	
Comment:	
Prepared By:	



Reflector

Medium

Power: 12W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.

Average life of LED chip is 50000 hours,

Colour rendering index above 85, makes it ideal for the most colourful displays.

Colour temperature options: 2700K, 3000K, 4000K, 5000K

Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.

Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.

Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes, and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

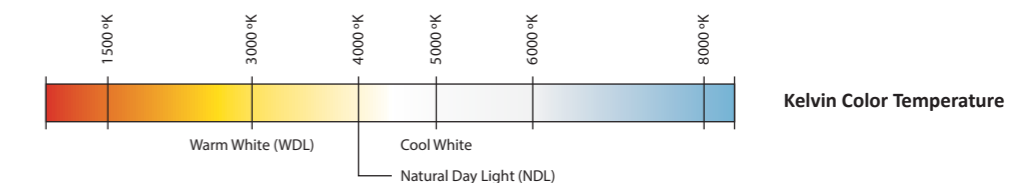
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee. A qualified electrician must ensure proper installation of the light module.

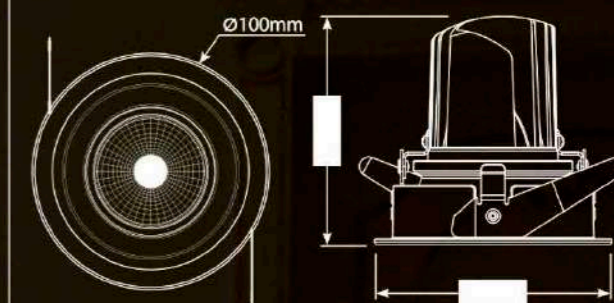


ویلا مسکونی - فشم

مشاوره ، طراحی ، تامین تجهیزات و اجرا

کارفرما: آقای مهندس موسویان

ESENCIA



Cutout Size: Ø90mm

Size can be change without prior notice.

BREIF INTRODUCTION:

HS90LC-813-A

Power Input:

8W, 12W

Current Input: Respectively for power

180mA, 350mA

System Lumen: 840lm, 1260lm

COB Efficacy: Max 180 lm/Watt

CCT: 2700K, 3000K, 4000K, 6000K

CRI: >85, >90

پروژه ویلایی - شهرک غرب

مشاوره، طراحی سیستم روشنایی و نورپردازی، تامین تجهیزات و اجرای پروژه روشنایی و نورپردازی

کارفرما: جناب دکتر الفت



TENDENCIA

BREIF INTRODUCTION: HS96LC-6041-A

Power Input:
18W, 25W

Current Input: Respectively for power
500mA, 700mA

System Lumen: 2106lm, 2925lm

COB Efficacy: Max 180 lm/Watt

CCT: 2700K, 3000K, 4000K, 6000K

CRI: >85, >90

FIGURA uno



BRIEF INTRODUCTION: HS120LC-1201-A

Power Input:
18W, 25W
Current Input: Respectively for power
500mA, 700mA
Lumen: 1224, 1700lm
COB efficacy: 130lm/watt
COB Lumen: 2340, 3250lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70 °C
Maximum Continuous Operation
Temperature: <70 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



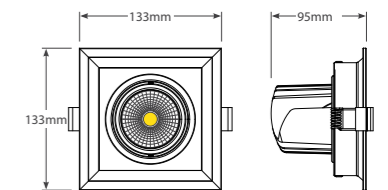
Subject to technical alterations.

Description:

FIGURA uno like other LED model of HSI is improved by hi-flux multi die COB, offering high performance in an easy use platform but by special design of heat sink.

FIGURA series are available in different size and frame, this feature can be easily installed.

Project	Date
Quantity:	
Comment:	
Prepared By:	

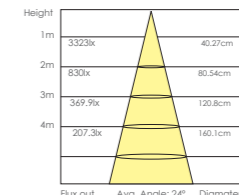
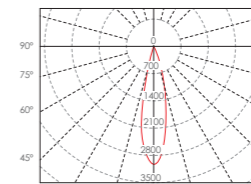


Cutout Size: 120*120mm
Size can be cahnge without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light.
Average life of LED chip is 50000 hours,
Color rendering index above 85, makes it ideal for the most colourful displays.
Colour temperature options: 2700K, 3000K, 4000K, 5000K
Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED.
Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED.
Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area.
Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

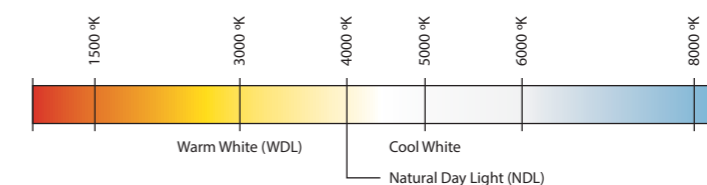
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee
A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature



FIGURA dos



BRIEF INTRODUCTION: HS220LC-1201-A

Power Input:
(2X) 18W, 25W
Current Input: Respectively for power
(2X) 500mA, 700mA
Lumen: (2X) 1224, 1700lm
COB efficacy: 130lm /watt
COB Lumen: (2X) 2340, 3250lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70 °C
Maximum Continuous Operation
Temperature: <70 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



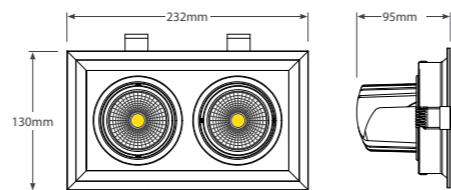
Subject to technical alterations.

Description:

FIGURA dos with HSI improved LED modular system provides high efficient illumination.

Available in single, double and tripple head format. Easy installation

Project	Date
Quantity:	
Comment:	
Prepared By:	



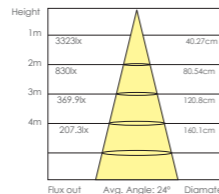
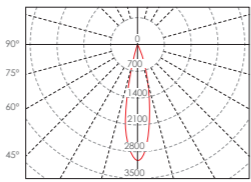
Cutout Size: 220*120mm

Size can be cahnge without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

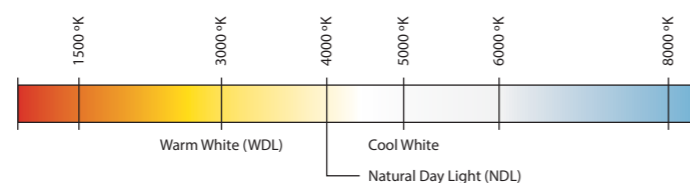
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature

FIGURA tres



BRIEF INTRODUCTION: HS324LC-1201-A

Power Input:
(3X) 18W, 25W
Current Input: Respectively for power
(3X) 500mA, 700mA
Lumen: (3X) 1224, 1700lm
COB efficacy: 130lm /watt
COB Lumen: (3X) 2340, 3250lm
CCT: 3000K, 4000K, 6000K
CRI: >85
R9 Value: 43, for 4000K
Lens: Not Applicable
Driver Voltage Input: 90 -240V
Driver Power Factor: >90
Driver Efficiency: >85%
Short circuit overload protection: available
Sound Rating: Class-A
COB Junction Temperature: <70 °C
Maximum Continuous Operation
Temperature: <70 °C
IP: 43
Optional integral dimmable driver:
1-10V / DMX / DALI

FIXTURE DATA

Recommended for indoor plaster board
Ceiling
Material: Die-cast Aluminum Body
Colour: Black / White
Finishing: Matt Powder coated
Beam Angle: Spot, Medium, Flood
Heat Sink: Solid body joint free die cast
aluminum
Heat sink finishing: Oxidized Aluminum

Color Options



Certifications



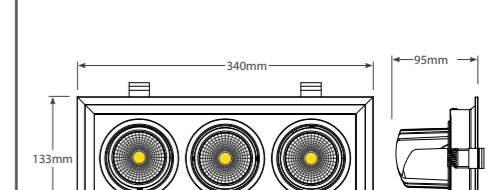
Subject to technical alterations.

Description:

FIGURA tres like other LED module of HSI, is improved by hi-flux multi die COB, offering high performance in an easy use platform but by special design of heat sink.

FIGURA series are available in different size and frame, this feature can be easily installed.

Project	Date
Quantity:	
Comment:	
Prepared By:	



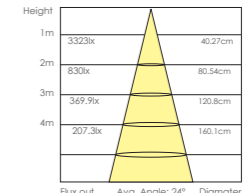
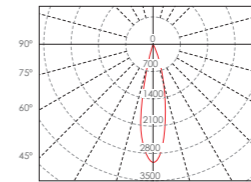
Cutout Size: 330*120mm

Size can be cahnge without prior notice.

Reflector

Medium

Power: 18W



Acrylic Cover Incl.

Light module is provided with full equipment: package, die cast aluminium body, wiring, electronic driver, heat sink and lens.

Efficiency engineering

Base components have been specially designed to work for a long period. Efficiency of the LED chips along with optimized heat sink keep temperatures below specified maximums, even installed in insulated ceiling environments.

LED

Light is produced by high efficiency LED chip on board, with proximity phosphor coating to create a cone of light. Average life of LED chip is 50000 hours, Color rendering index above 85, makes it ideal for the most colourful displays. Colour temperature options: 2700K, 3000K, 4000K, 5000K Dimmable option is available, by attaching a light controller to the general circuit.

Color Quality

Chromaticity specification ensures LED color uniformity and sustainable color rendering index (CRI) along with Correlated Colour Temperature consistency over the useful life of the LED. Every LED light module is quality tested, performance measured and then serialized in a permanent record to register lumens, wattage, CRI and CCT.

Led Driver

Led Driver is electronic based and working on universal voltage 120V-277V to provide DC power to the LED. Dimmable function is incorporated to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized aluminium coating concentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Available in multiple angles and finishes are available and can be ordered separately

Lens

Lens based on high resistance polycarbonate, impact proof. Lumen transmission is higher than 99.9%

Fixing Device

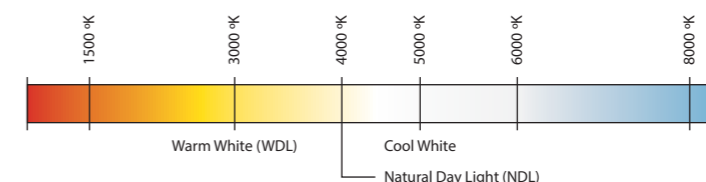
Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

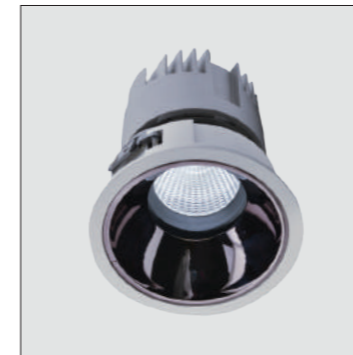
Led connector meets high efficacy luminaire requirements for a non-screw base socket.

Warranty

All components are provided with 2 year limited guarantee A qualified electrician must ensure proper installation of the light module.



Kelvin Color Temperature



BREIF INTRODUCTION:

HSI50LC-2007-A

Power Input:	18W, 25W
Current Input: Respectively for power	500mA, 700mA
System Lumen:	1890lm, 2625lm
COB Efficacy:	Max 180 lm/Watt
CCT:	2700K, 3000K, 4000K, 6000K
CRI:	>85, >90
Driver Efficiency:	>95%
Driver Power Factor:	>90
Short Circuit, Overload, Over heat Protection:	Available
Sound Rating:	Class A
COB junction temperature:	<90 °c
Maximum Continuous operation temperature:	< 27 °c
IP:	43
Tunable Function:	2700K - 6500K
Tunable option controller	remote RF driver, DMX
Optional Integrated Dimmable Driver:	1-10v /DMX /Dali /Triac
COB Structure:	6 pieces series 2 parallel 12 pieces series 2 parallel 12 pieces series 3 parallel

FIXTURE DATA:

Recommended for indoor plaster board Ceiling:	Recessed
Material:	Die-cast Aluminum body
Color:	Black/ White
Finishing:	Matt powder coated
Beam Angle:	Spot, Medium, Flood
Active Heat Disappassion :	N/A
Lens:	N/A
Heat Sink:	Die cast aluminum
Cut Out size:	94 mm
Extra accessories:	N/A

Color Options



Compliance



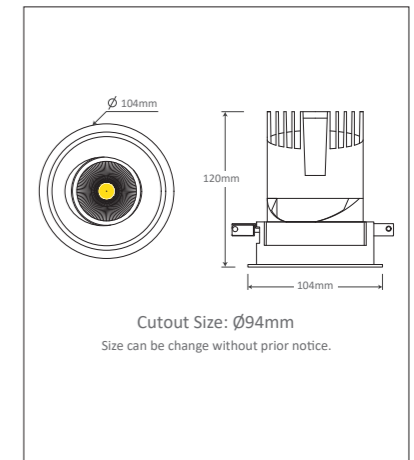
Subject to technical alternations.

Description:

Like other HSI modular system, VEGA mini is the perfect combination of the latest LED technology in components like COB, driver, reflector etc., which provides powerful illumination.

The components work together to optimize light balancing and distribution in high luminaire level.

The Unique combination of reflection and refraction of optical component provides uniform, smooth and comfortable light, suitable for ambience lighting and general area illumination.

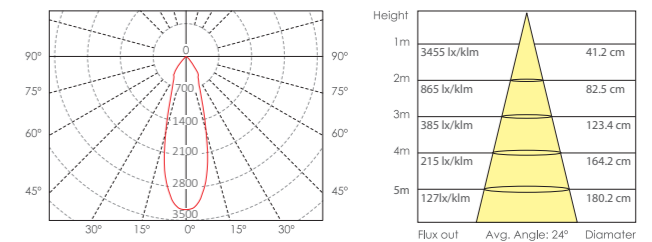


Cutout Size: Ø94mm
Size can be change without prior notice.

Photometric Data*
Luminaire Performance

Light output ration	82%
Luminaire Efficacy	107.5 lm/w
Color Tempreture	6500 k

* These data are subject to changes as result of sharp improvement in the chips and lens technology.



The light module is provided with full equipment package including die cast aluminum body, wiring, electronic driver , heat sink ,...

The Light Source - COB

The COB in HSI products supplied by the COB manufacturers which are market leading in the lighting industry concerning high standard and innovative material. So the Lighting products can deliver the maximum amount of light using as little as the power. This COB efficacy could be even more than 180 lumen/w. The luminous efficacy could be varied for different correlated color temperature.

Light Quality

The appearance of light color both in terms of Chromacity (CCT) and Color Rendition (CRI), are important in the overall feeling of space. Therefore designers should consider both Chromacity and CRI as key components of a design.

LED

Average life of LED chip is 50000 hours, Colour rendering index above 90, makes it ideal for the most colourful displays.

Optic Component

In architectural lighting the quality of light is paramount. Getting different uniform shades

of colour and being able to control the end result is all about optics. Whether asymmetric wall-washing, colour mixing, narrow spot, elliptical or blade light – optics determine how the light from the source is actually distributed and how well it performs in the given application.

TM-30-15

TM-30-15 is a new method for characterizing the color rendering ability of white light sources. CRI does not necessarily represent the actual colors that we would encounter in the real world. TM-30-15 providing more statistically representative and reliable metric in describing a light source's ability to faithfully-render colors.

Led Driver

Led Driver is electronic based and working on universalvoltage 120V-277V to provide DC power to the LED. Dimmable function is recommended to reach the desired atmosphere in the space to illuminate.

Reflector

Anodized Aluminium coating cocentrate the beam in the target area. Due to low operation temperature of the led module, reflective surface last longer than older technologies do.

Thermal management

Controlling the generated heat in electronic in drivers and heat-sink is fundamental to manufacture the reliable product. Temperature fluctuations and heat stress effect on a product's reliability and lifetime. It is important to understand that lifetime of product decrease as the temperature of component increases. Product temperature is a function of power dissipation, thermal resistance, and ambient temperature. Higher efficiency and low product thermal resistance can reduce the product operating temperature and improve the products lifetime significantly.

Certificate Process

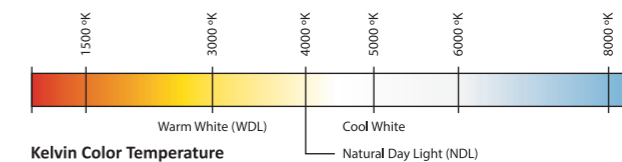
our products nationally and internationally is certified. luminaires mostly comply with norms such as CB, CE, ESMA, Kucas, Saso,... required certificate by different countries or organization`s regulation would be possible to obtain as well.

Fixing Device

Light fixing is based on manual clips, so no screws or drilling is required. Fixing and removing process is very easy and completely clean.

Electrical power connections

Led connector high standard requirements for prepared wire tips and mostly with non screw base socket.





INGLOT-MOE DUBI MALL-ABU DHBAI MALL

Consultation, Lighting design
Supply luminaires equipment &
Execution the lighting project



LED LIGHT MAGNETIC LIGHTING SYSTEM



MAGNETIC TRACK LIGHT
HS000LB-1686-T



MAGNETIC GRILLE LIGHT
ADJUSTABLE



MAGNETIC GRILLE LIGHT



MAGNETIC FLOOD LIGHT

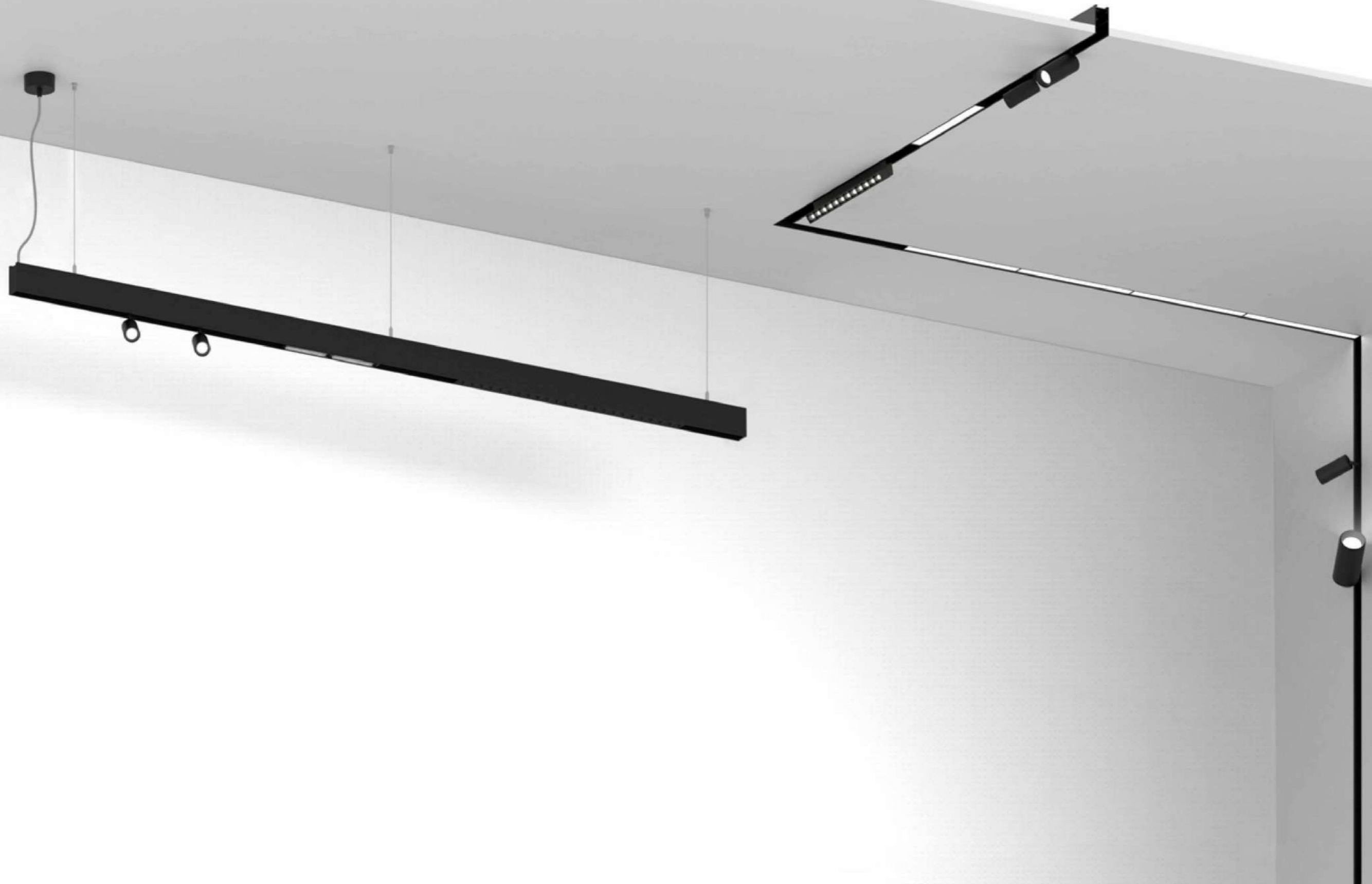


MAGNETIC FLOOD LIGHT
ADJUSTABLE



MAGNETIC FLOOD LIGHT
ADJUSTABLE

Magnetic Track Lighting



MAGNETIC TRACK LIGHT



MAGNETIC TRACK LIGHT

Rated power : 3w,5w,10w,15w, 18w,20w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature :3000 k,4000 k 6000k

Light source: CREE Chips

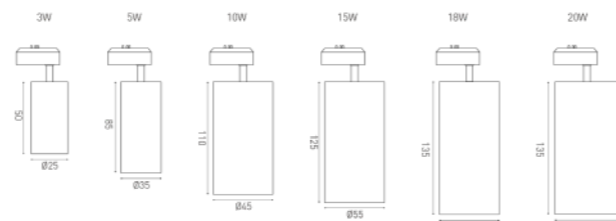
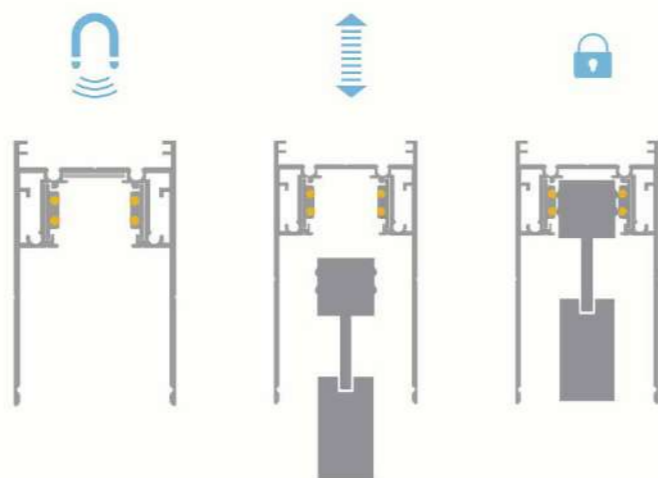
CRI: >90

Led Quantity: 3,5,10,15,18,20 Pcs

Beam angel: 15,25,36

Housing material: Aluminum body

IP rating : 20



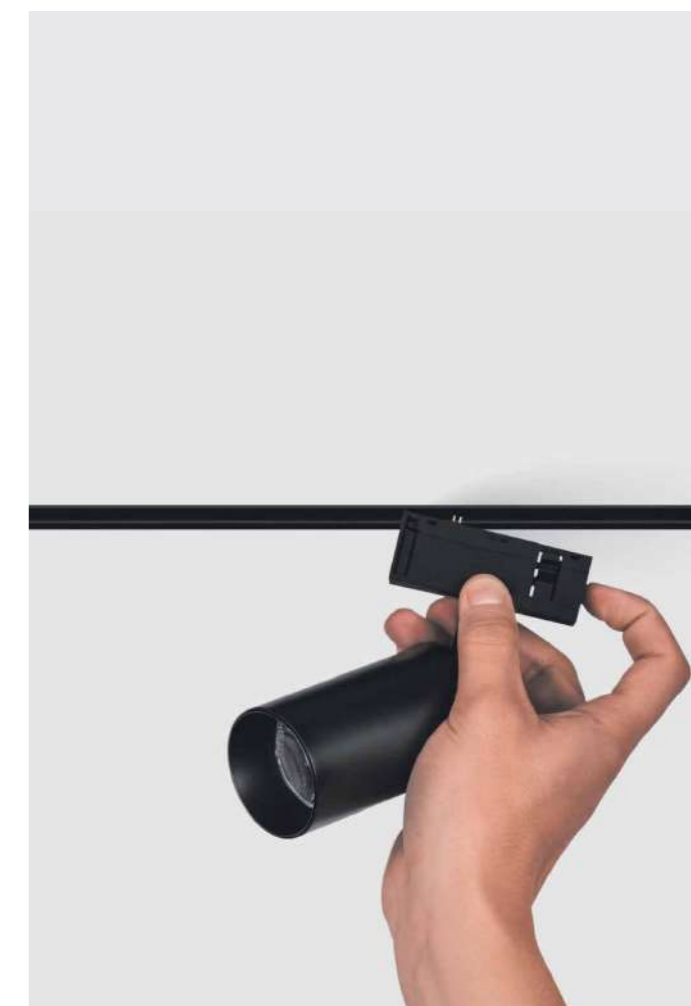
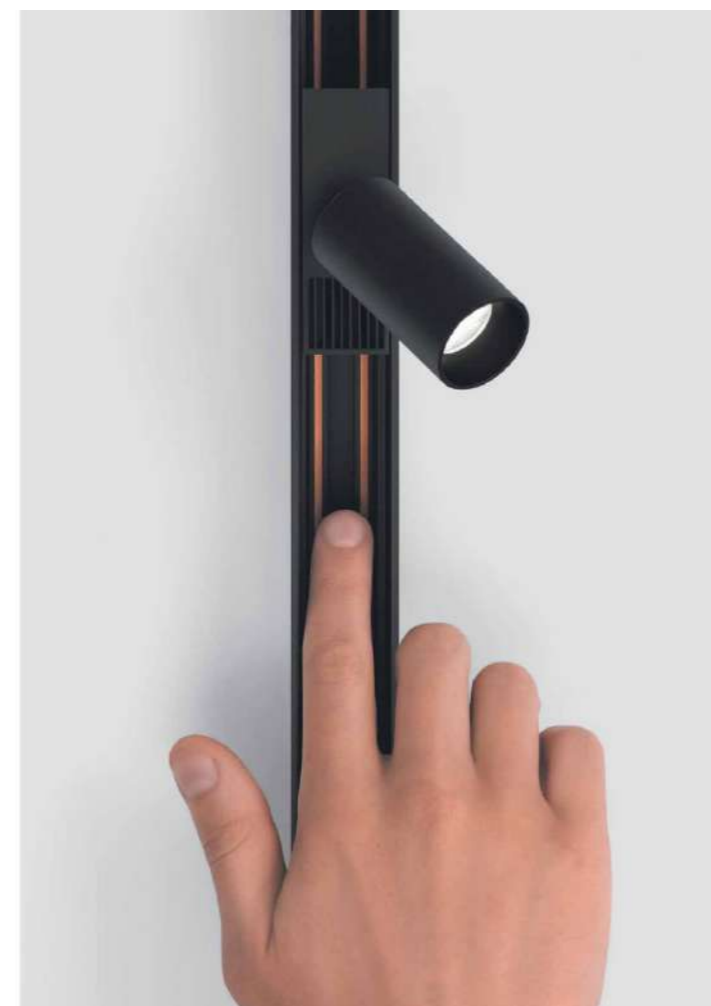
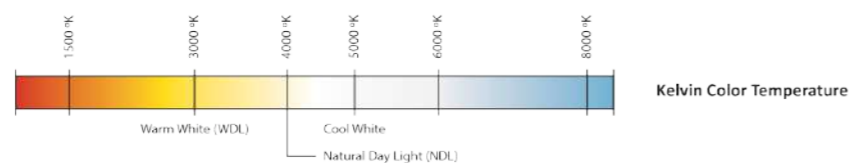
10W 15°		10W 25°		10W 36°	
E(LX)	D(cm)	E(LX)	D(cm)	E(LX)	D(cm)
1	5911	2866	73.49	1	1610
2	1483	716	113.54	2	402
3	657	318.4	184.24	3	178.9
4	370.7	179.1	221.08	4	100.6
5	237.3	114.6	257.93	5	64.8

Magnetic Installation

The magnetic structure can easily attach the corresponding lamps to the track safely and slide back and forth easily and complete the adjustment of the corresponding lamp angles with one hand .

Easy Installation

Represented by a mechanical button, this ensures reliable fixation of the lighting fixture on the track,unlike with magnetic systems which tend to demagnetize with time and cannot withstand impacts or high temperatures.



MAGNETIC GRILLE LIGHT ADJUSTABLE



MAGNETIC GRILLE LIGHT ADJUSTABLE

Rated power : 6w , 12w ,18w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature : 3000k,4000k 6000k

Light source: OSRAM Chips

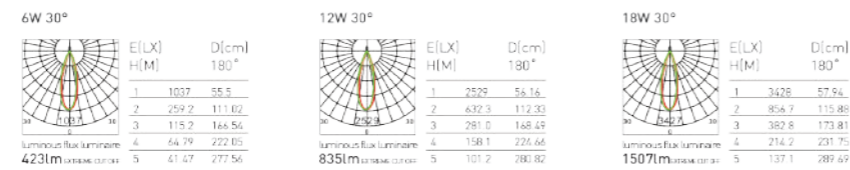
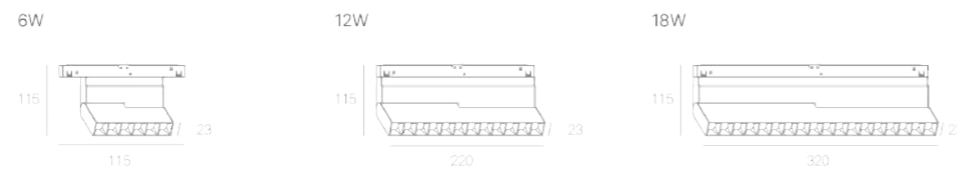
Led Quantity: 6,12,18 Pcs

CRI : >90

Beam angel: 30

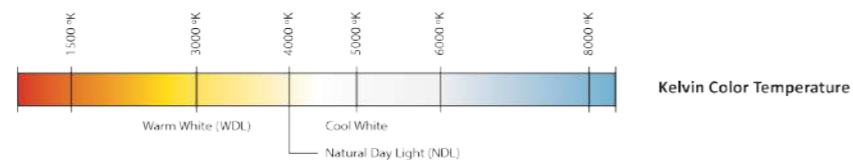
Housing material: Aluminum body

IP rating : 20



Magnetic Track Lighting

The magnetic track is combined into different shapes through different track groove accessories to meet the corresponding space and furniture layout, and form a virtual and interesting space lighting division more flexibly. A more systematic lighting effect implementation program provides a variety of lighting needs that can meet a space at the same time. General lighting, accent lighting, wall washing lighting, area task lighting and even indirect lighting can be easily achieved.



MAGNETIC GRILLE LIGHT



MAGNETIC GRILLE LIGHT

Rated power : 6w ,12w ,18w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature : 3000k ,4000k
6000k

Light source: OSRAM Chips

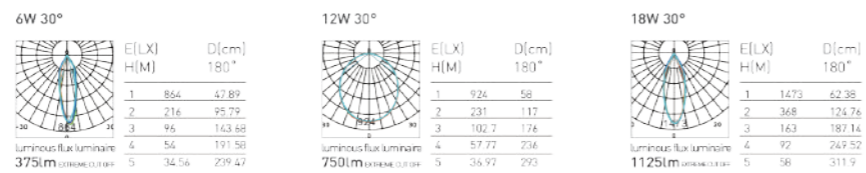
Led Quantity: 6,12,18 Pcs

CRI: >90

Beam angel: 30

Housing material: Aluminum body

IP rating : 20

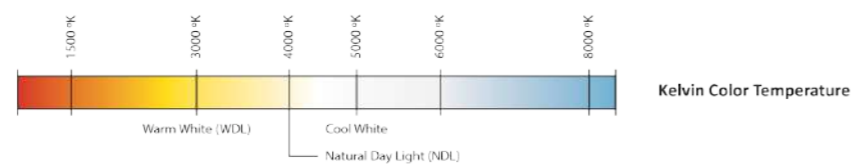


Magnetic Installation

The magnetic structure can easily attach the corresponding lamps to the track safely and slide back and forth easily and complete the adjustment of the corresponding lamp angles with one hand .

Easy Installation

Represented by a mechanical button, this ensures reliable fixation of the lighting fixture on the track,unlike with magnetic systems which tend to demagnetize with time and cannot withstand impacts or high temperatures.



MAGNETIC FLOOD LIGHT



MAGNETIC FLOOD LIGHT

Rated power : 6w ,10w ,12w ,18w ,20w ,22w ,25w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature : 3000k,4000k 6000k

Light source: OSRAM Chips

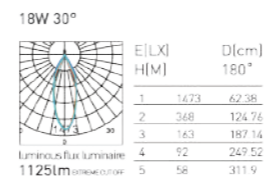
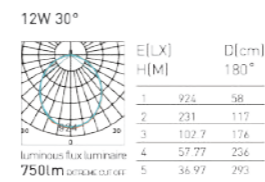
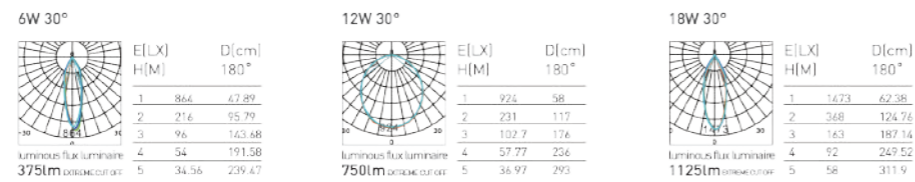
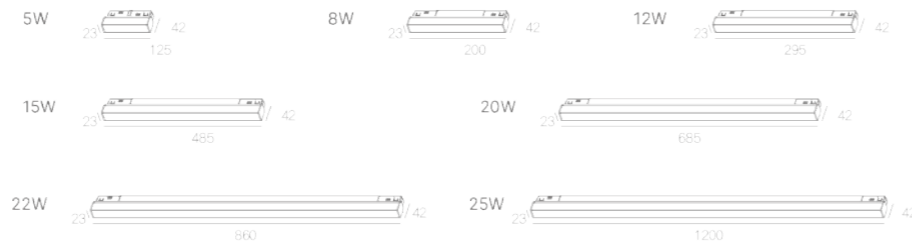
Led Quantity: 6,10,12,18,20,22,25 Pcs

CRI: >90

Beam angel: 30,120

Housing material: Aluminum body

IP rating : 20

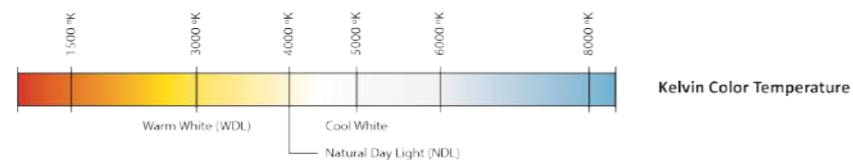


Magnetic Installation

The magnetic structure can easily attach the corresponding lamps to the track safely and slide back and forth easily and complete the adjustment of the corresponding lamp angles with one hand .

Easy Installation

Represented by a mechanical button, this ensures reliable fixation of the lighting fixture on the track,unlike with magnetic systemswhich tend to demagnetize with time and cannot withstand impacts or high temperatures.



MAGNETIC FLOOD LIGHT ADJUSTABLE



MAGNETIC FLOOD LIGHT ADJUSTABLE

Rated power : 6w,12w,18w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature : 3000k,4000k
6000k

Light source: OSRAM Chips

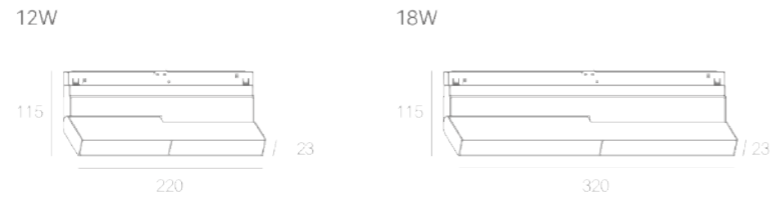
Led Quantity: 6,12,18 Pcs

CRI : >90

Beam angel: 120

Housing material: Aluminum body

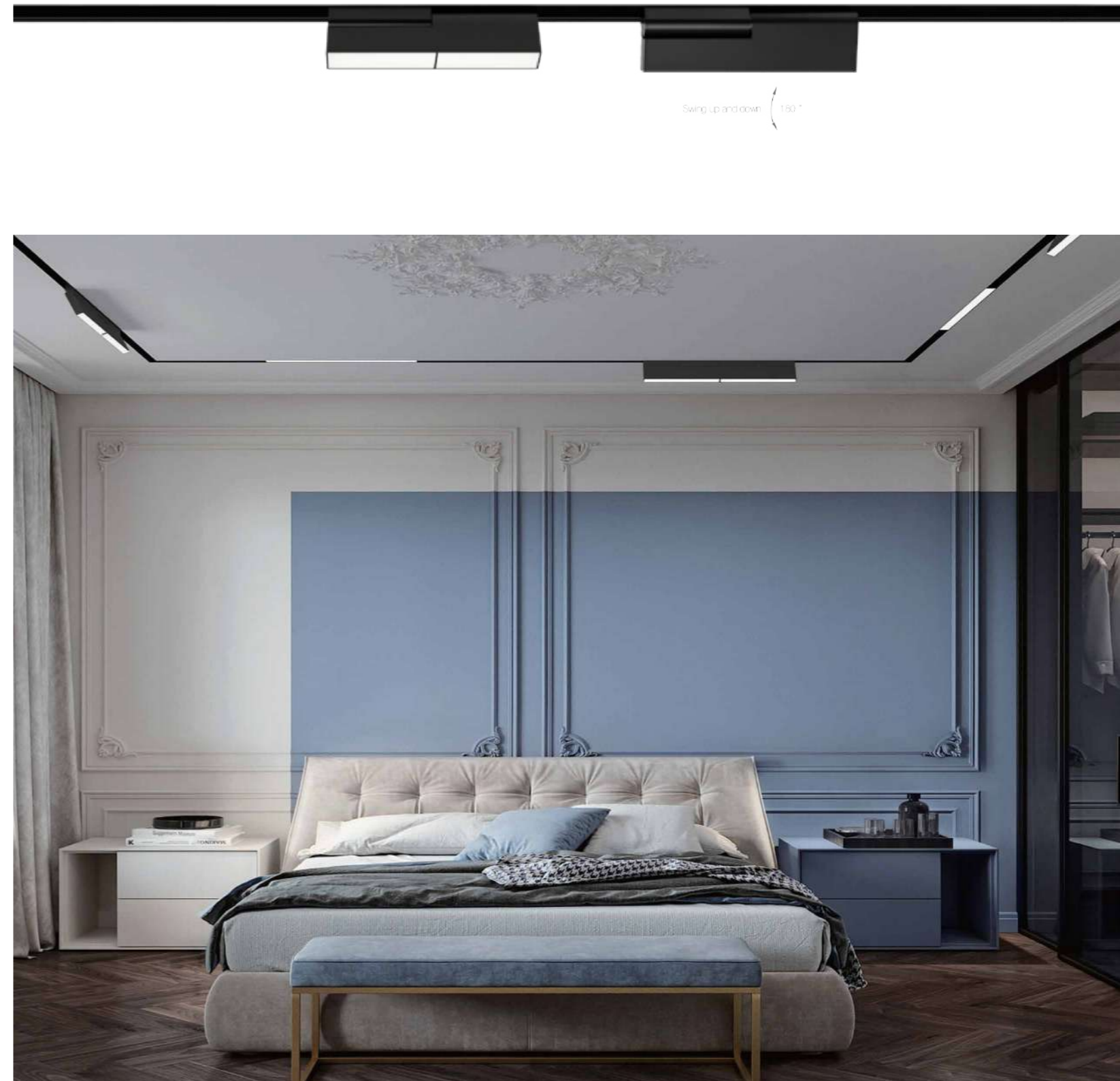
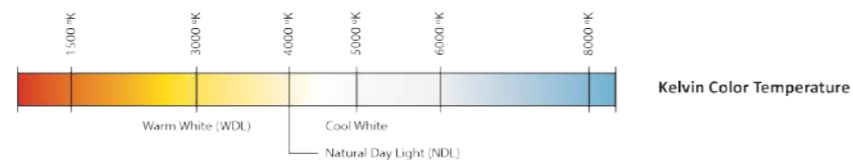
IP rating : 20



6W 120°			12W 120°			18W 120°		
	E(LX) H(M)	D(cm) 180°		E(LX) H(M)	D(cm) 180°		E(LX) H(M)	D(cm) 180°
1	94.78	231.76	1	199	231.76	1	253.5	231.76
2	54.2	443.53	2	48.26	443.53	2	43.36	443.53
3	12.75	695.2	3	21.45	695.2	3	28.16	695.2
4	4.04	927.06	4	12.07	927.06	4	15.84	921
5	3.871	1158.82	5	7.722	1158.82	5	10.14	1151
luminous flux luminaire 413lm (average color)			luminous flux luminaire 825lm (average color)			luminous flux luminaire 1273lm (average color)		

Magnetic Track Lighting

The magnetic track is combined into different shapes through different track groove accessories to meet the corresponding space and furniture layout, and form a virtual and interesting space lighting division more flexibly. A more systematic lighting effect implementation program provides a variety of lighting needs that can meet a space at the same time. General lighting, accent lighting, wall washing lighting, area task lighting and even indirect lighting can be easily achieved.



MAGNETIC FLOOD LIGHT ADJUSTABLE



MAGNETIC FLOOD LIGHT ADJUSTABLE

Rated power : 6w,12w,18w

Working voltage(v): 48v 220 vac

Power factor: 0.9

color temperature :3000k,4000k
6000k

Light source: OSRAM Chips

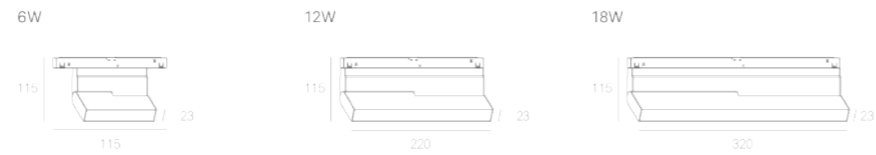
Led Quantity: 6,12,18 Pcs

CRI :>90

Beam angel: 120

Housing material: Aluminum body

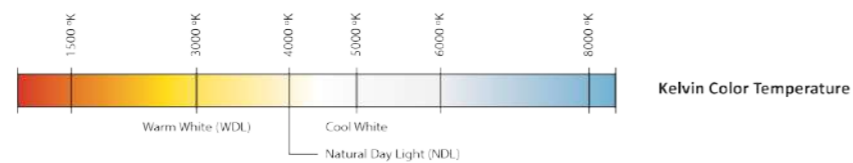
IP rating : 20



6W 120°			12W 120°			18W 120°		
E(LX)	D(cm)	H(M)	E(LX)	D(cm)	H(M)	E(LX)	D(cm)	H(M)
1	96.78	231.76	1	193	231.76	1	289.5	231.76
2	54.2	463.53	2	48.26	463.53	2	43.36	463.53
3	10.75	695.2	3	21.45	695.2	3	28.16	695.2
4	6.04	927.06	4	12.07	927.06	4	15.84	927.06
5	3.871	1158.82	5	7.722	1158.82	5	10.14	1151

Magnetic Track Lighting

The magnetic track is combined into different shapes through different track groove accessories to meet the corresponding space and furniture layout, and form a virtual and interesting space lighting division more flexibly. A more systematic lighting effect implementation program provides a variety of lighting needs that can meet a space at the same time. General lighting, accent lighting, wall washing lighting, area task lighting and even indirect lighting can be easily achieved.



CONFERENCE HALL OF ECO (Economic Cooperation Organization)

Consultation, Design, implementation and management the sound, imaging broadcasting and recording system and lighting system for various applications

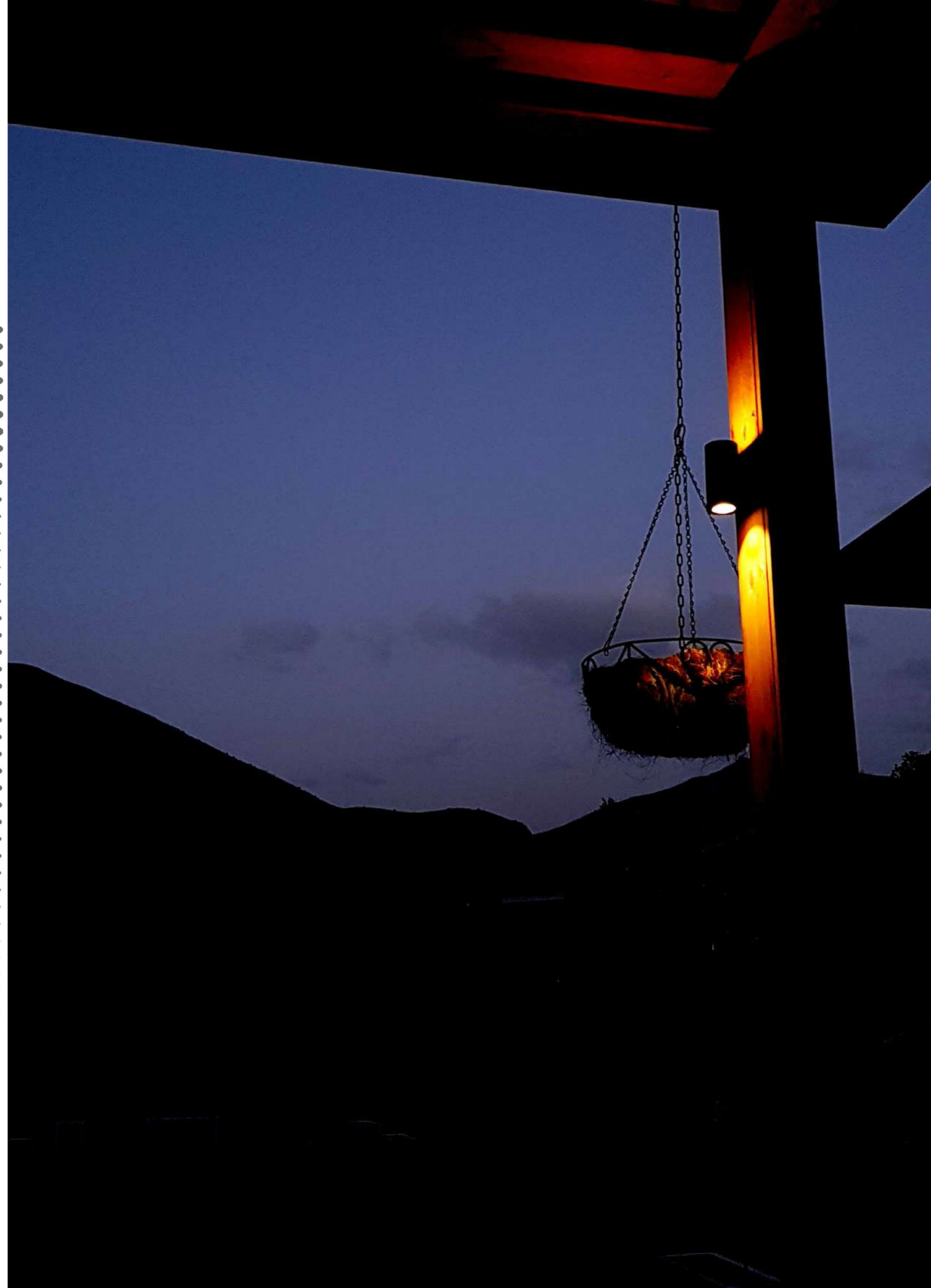
سالن اجلاس بین المللی اکو

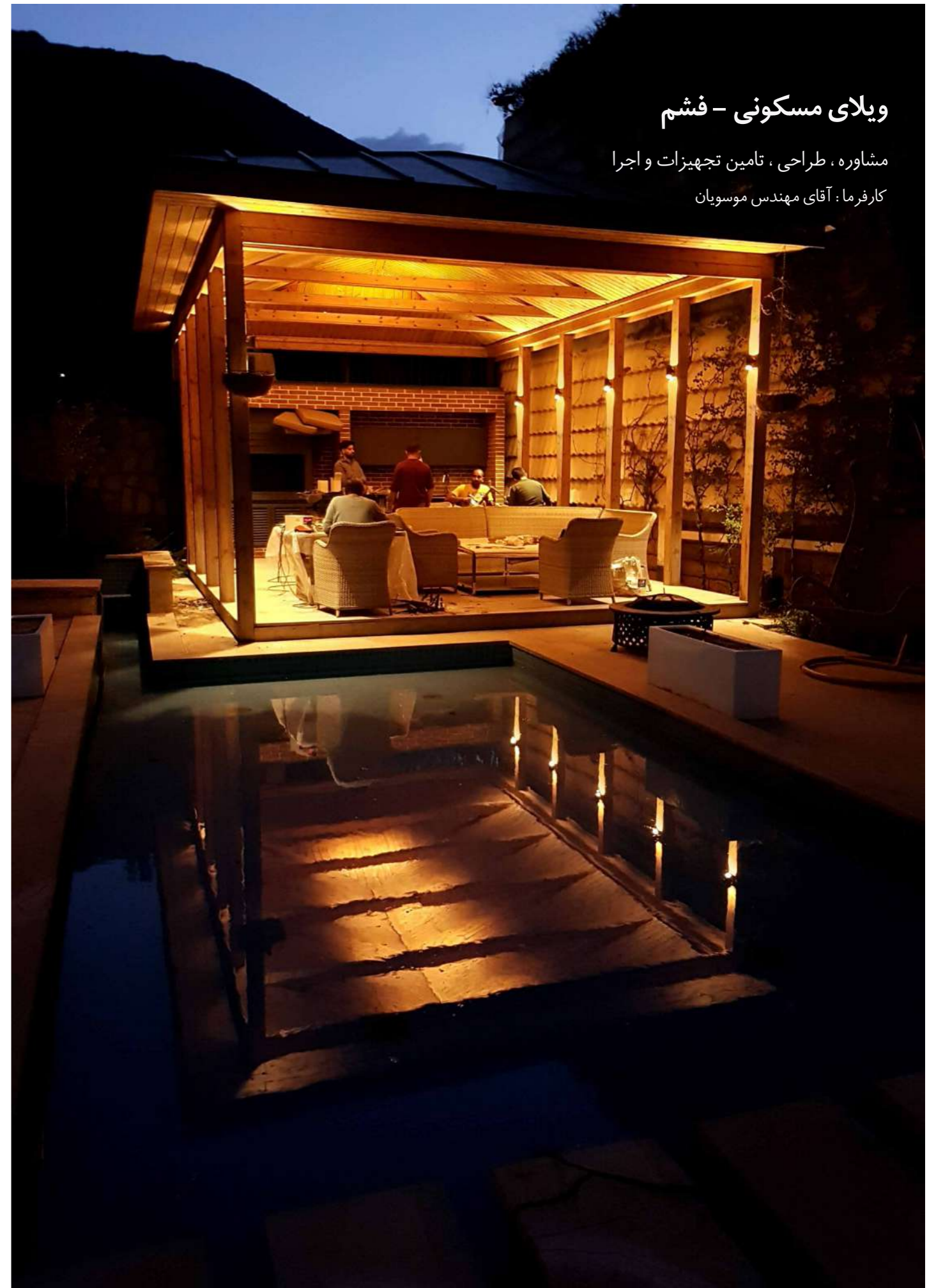
مشاوره در خصوص تجهیزات سیستم های کنفرانس، صوت، تصویر و روشنایی چند منظوره سالن به همراه معماری داخلی فضا، طراحی سیستم کنفرانس، ترجمه همزمان و رای گیری، طراحی سیستم صوت عمومی سالن، طراحی سیستم ضبط و پخش تصویر، طراحی سیستم روشنایی برای کاربری های متنوع، اجرا و مدیریت پروژه براساس طراحی و نقشه های ارائه شده





OUTDOOR LIGHTING





ویلاي مسكوني - فشم

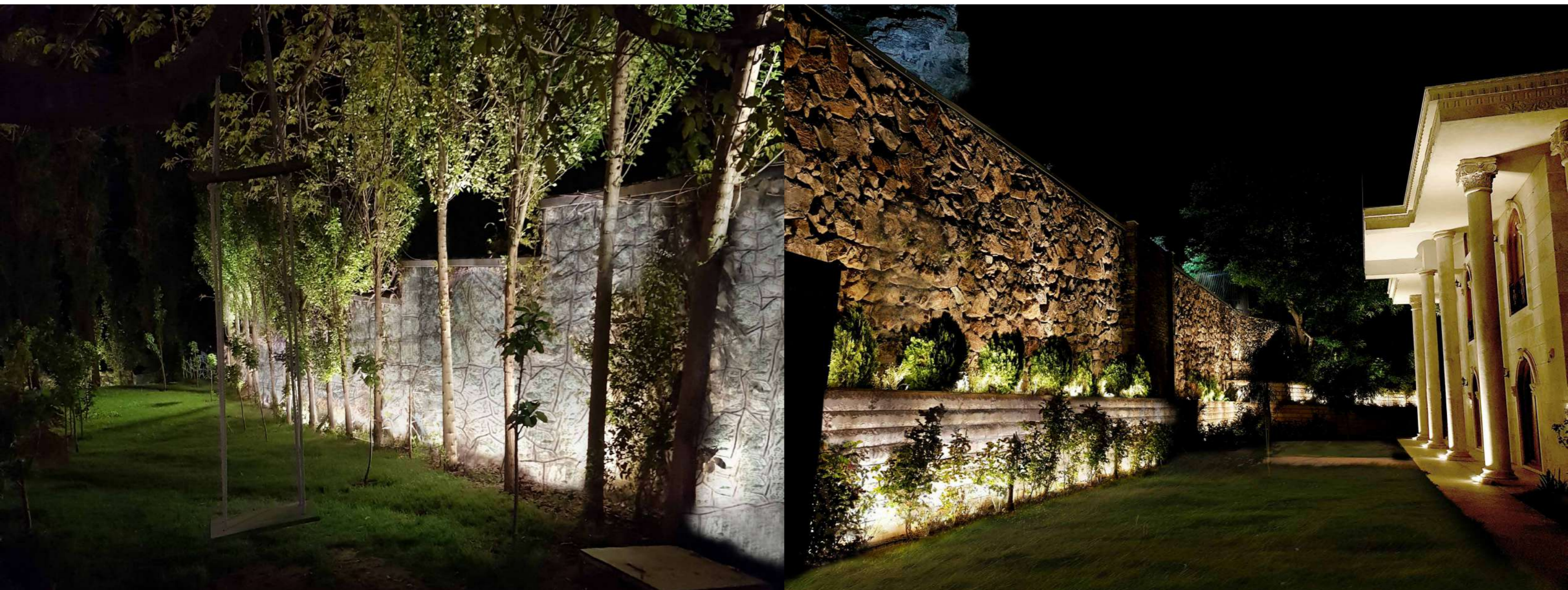
مشاوره، طراحی، تامین تجهیزات و اجرا

کارفرما: آقای مهندس موسویان

ویلا مسکونی - فشم

مشاوره ، طراحی ، تامین تجهیزات و اجرا

کارفرما: آقای مهندس موسویان

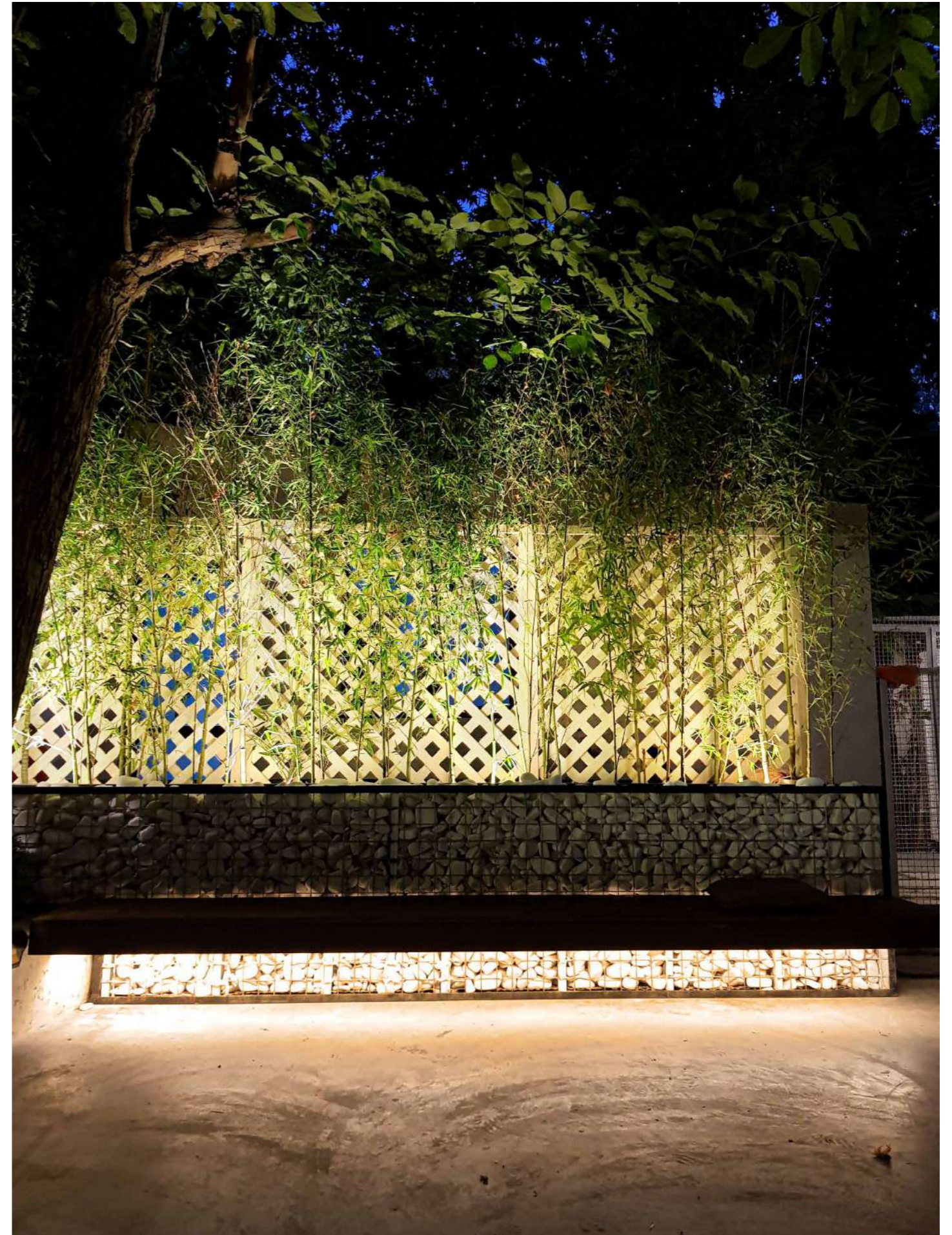
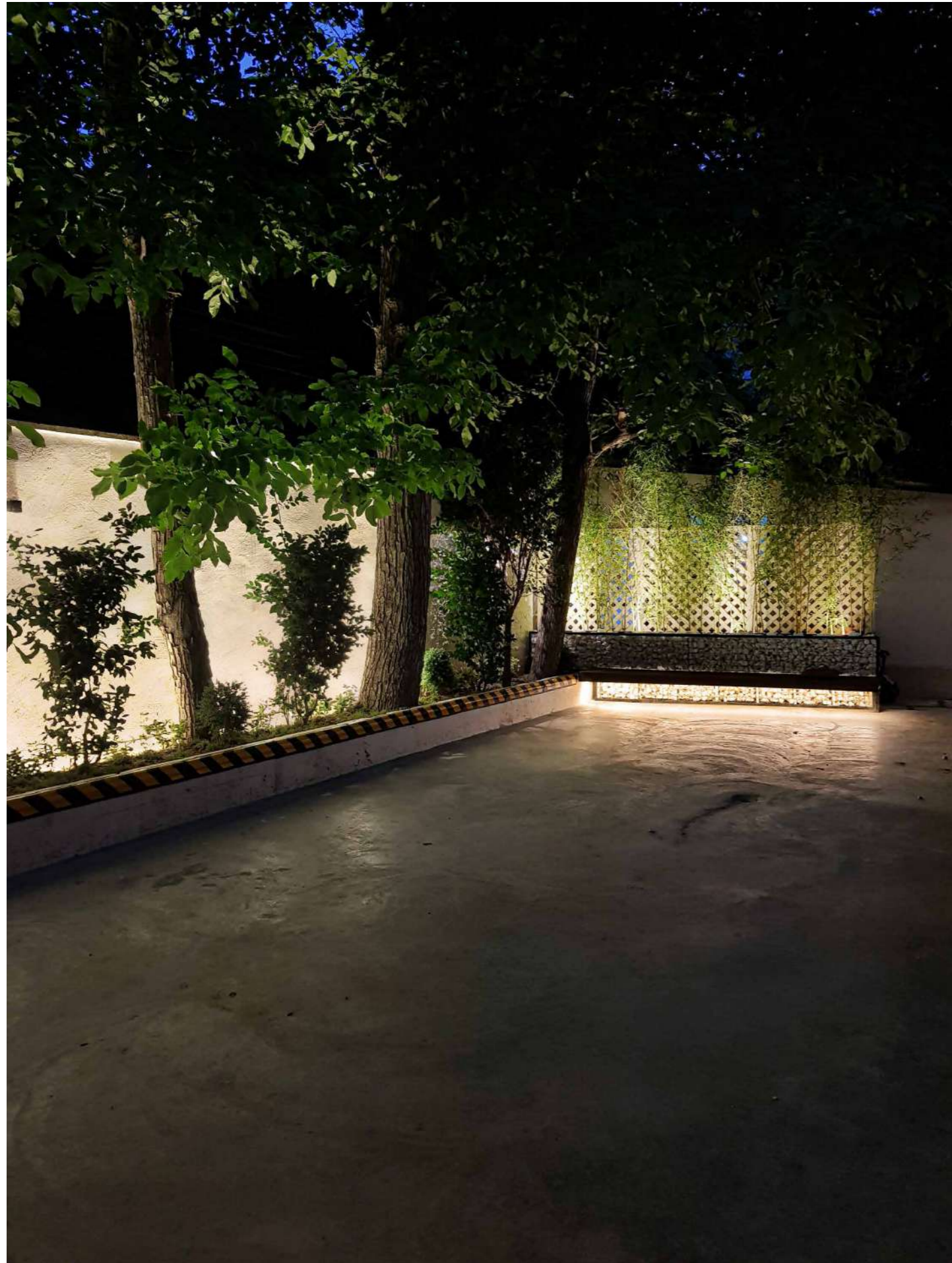


پروژه ویلایی - درکه

مشاوره ، طراحی ، نظارت ، تامین تجهیزات و اجرا

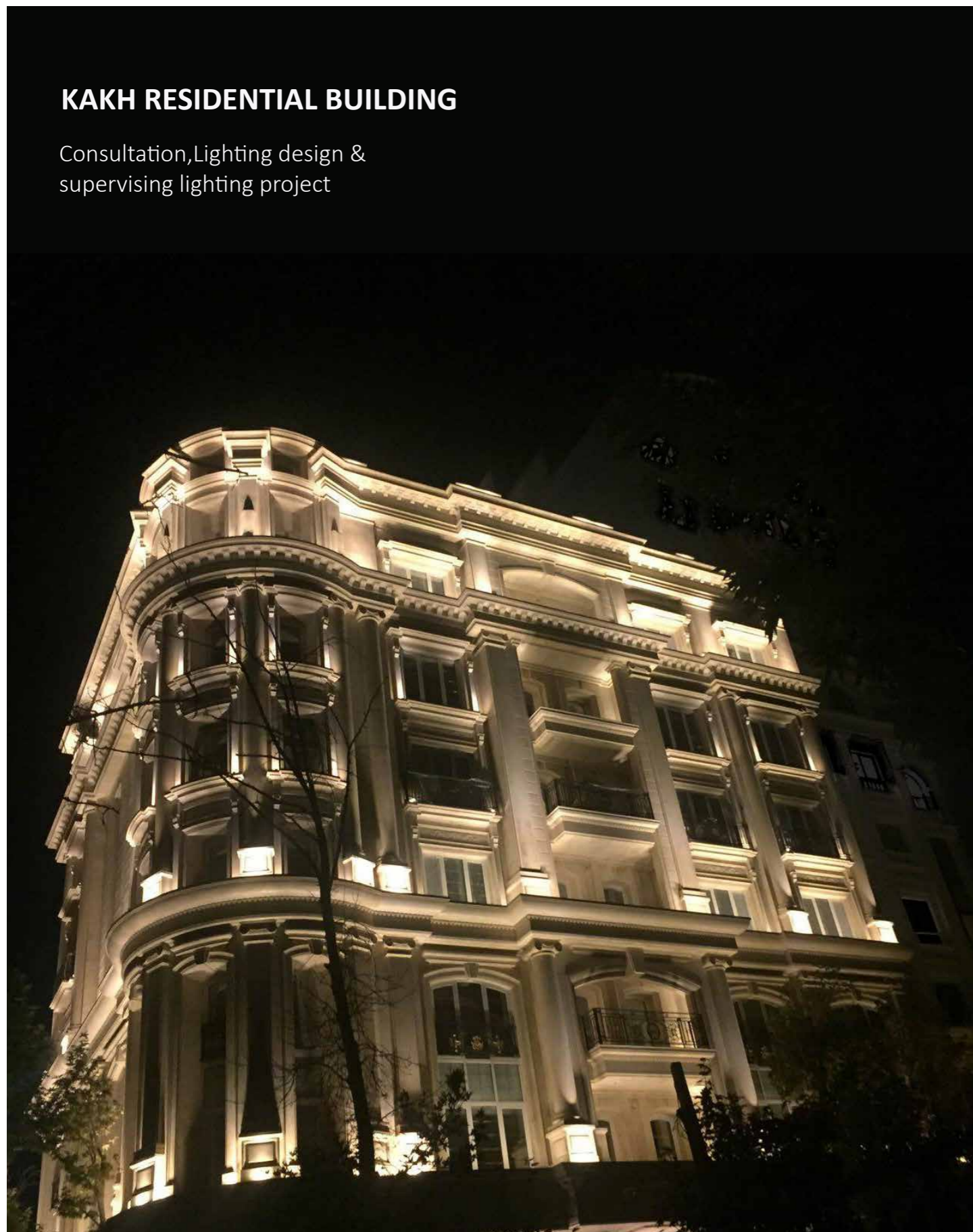
معمار : جناب مهندس رامین محسنی





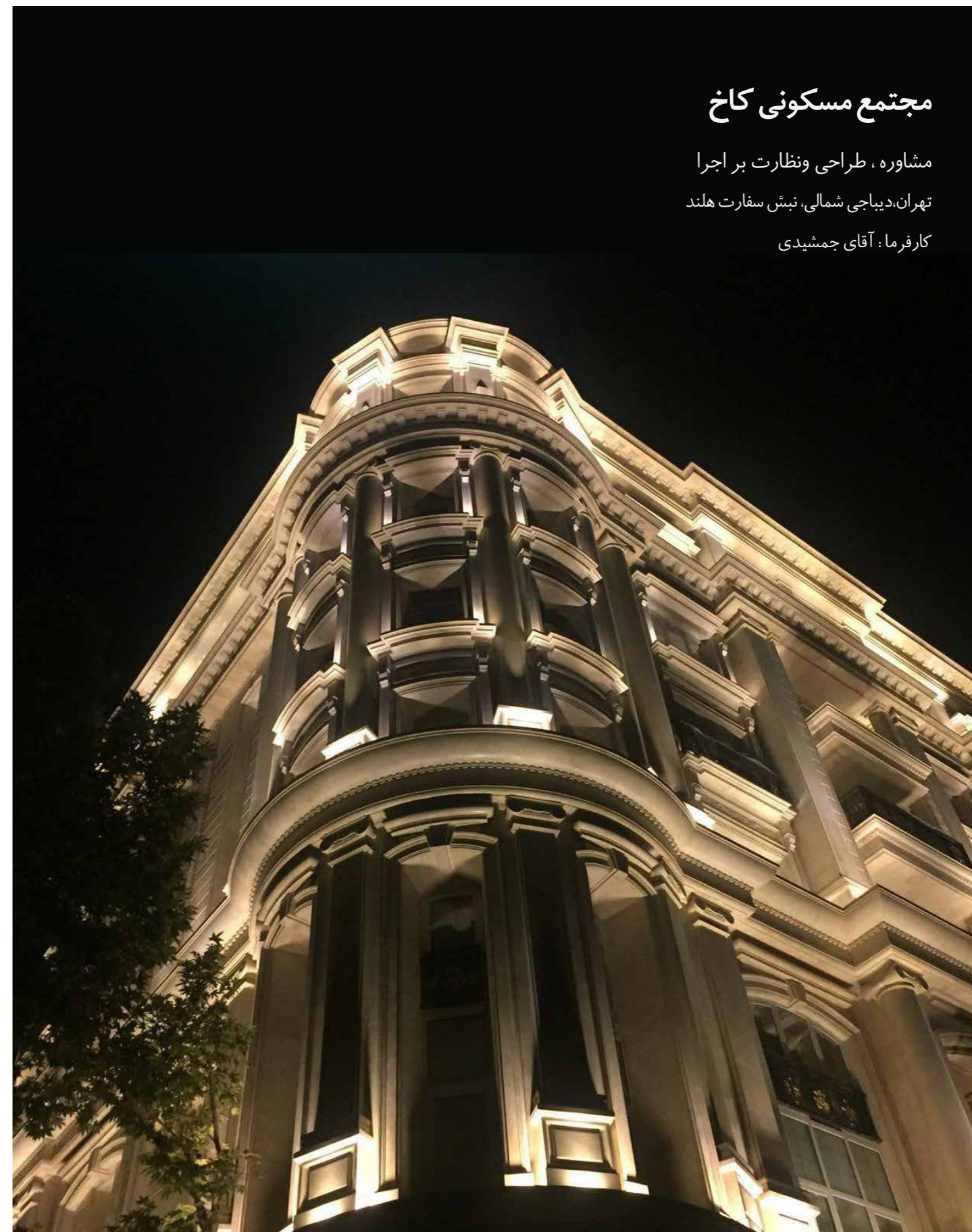
KAKH RESIDENTIAL BUILDING

Consultation, Lighting design & supervising lighting project



مجتمع مسکونی کاخ

مشاوره ، طراحی و نظارت بر اجرا
تهران، دیباجی شمالی، نبش سفارت هلند
کارفرما: آقای جمشیدی



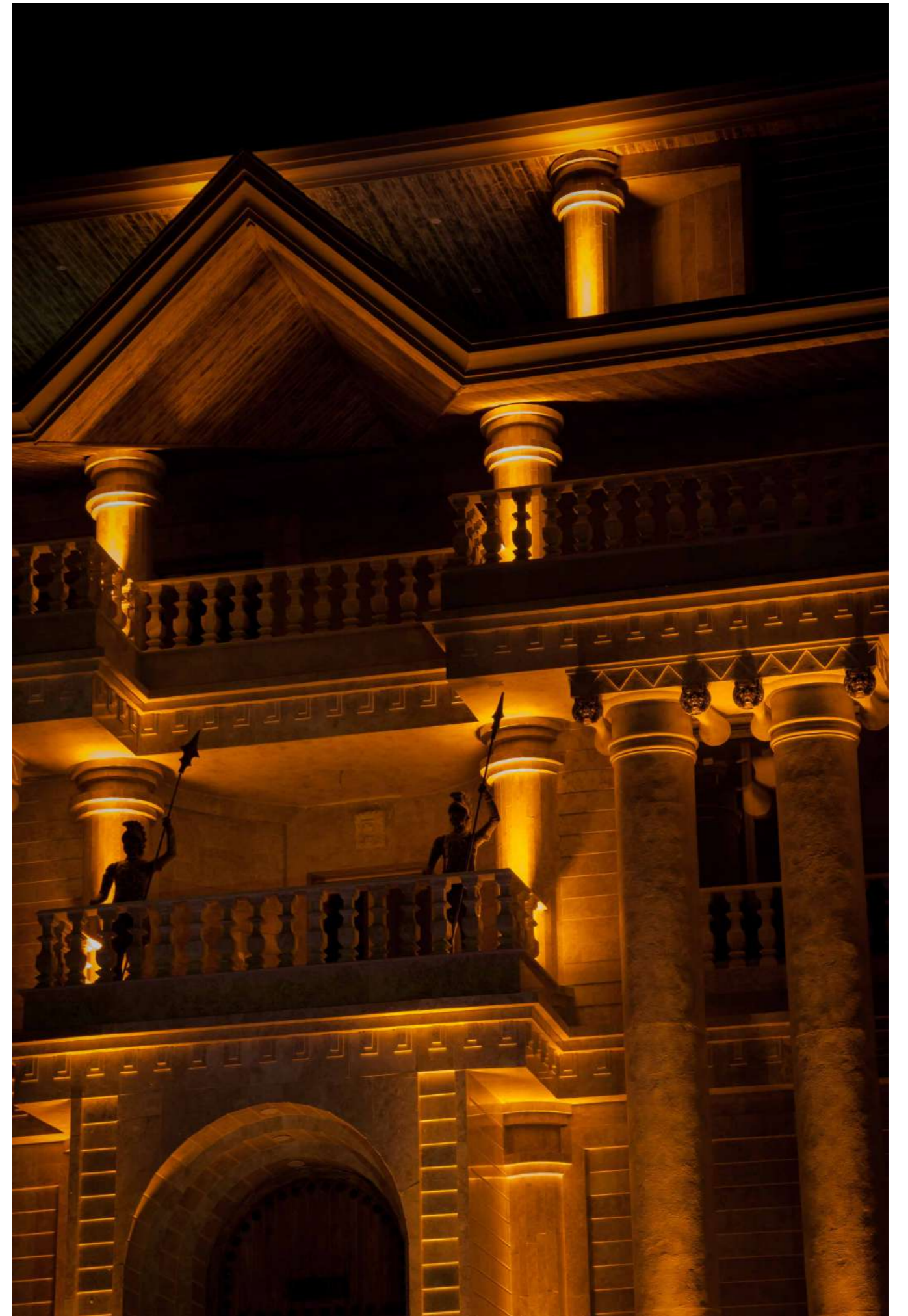
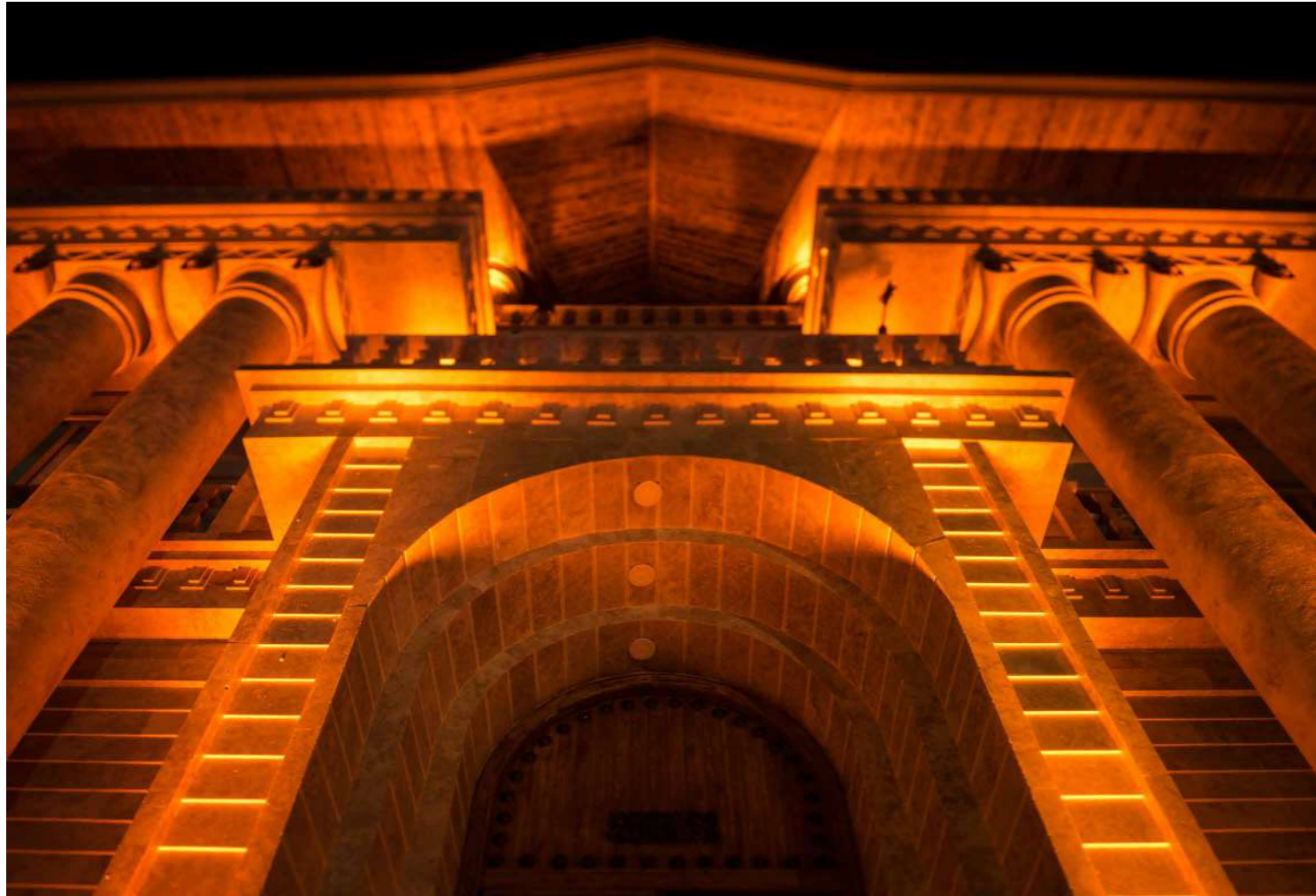


ویلا- لواسان

مشاوره ، طراحی ، تامین تجهیزات و اجرا

کارفرما: آقای مهندس احسانی

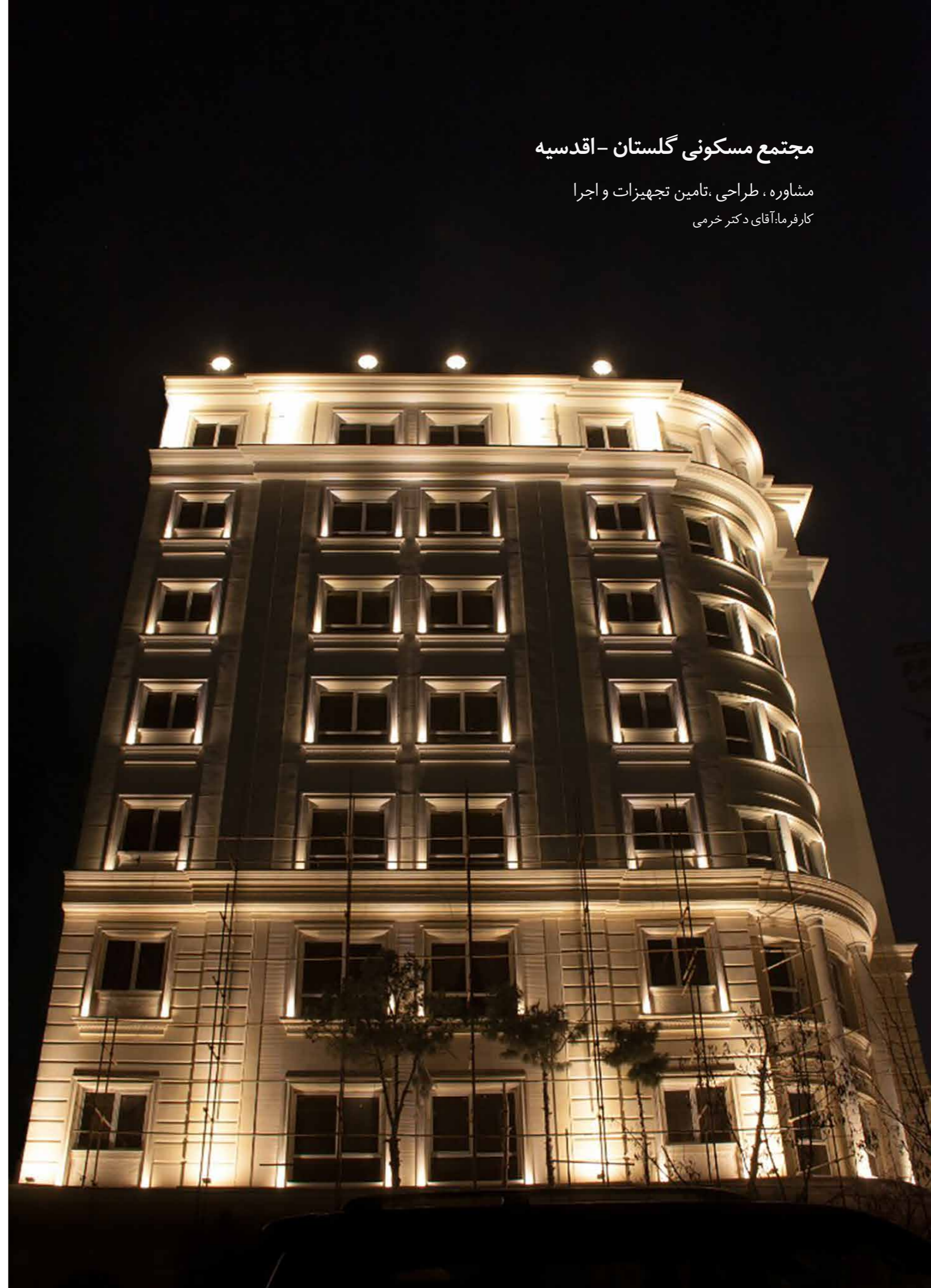


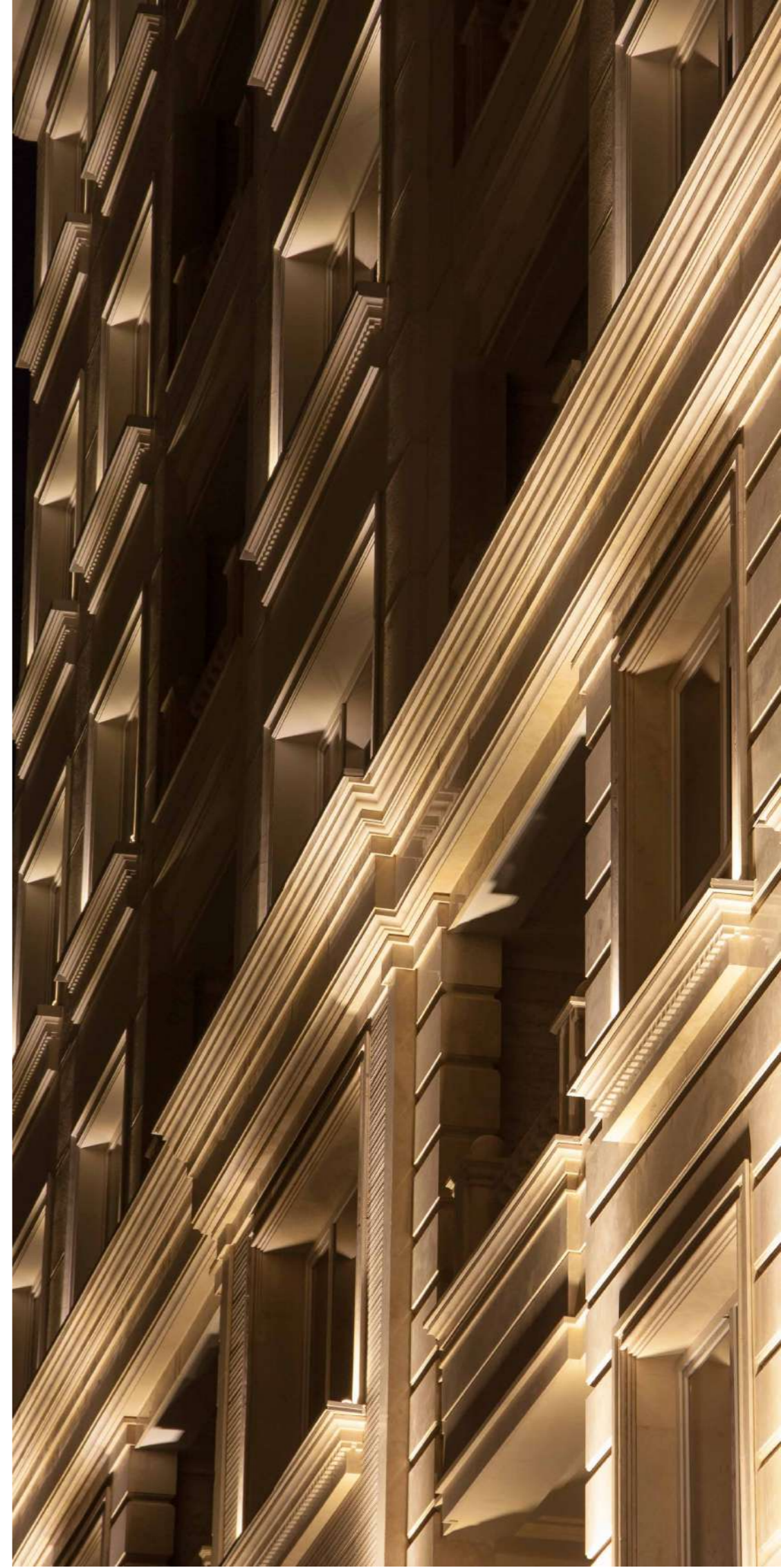


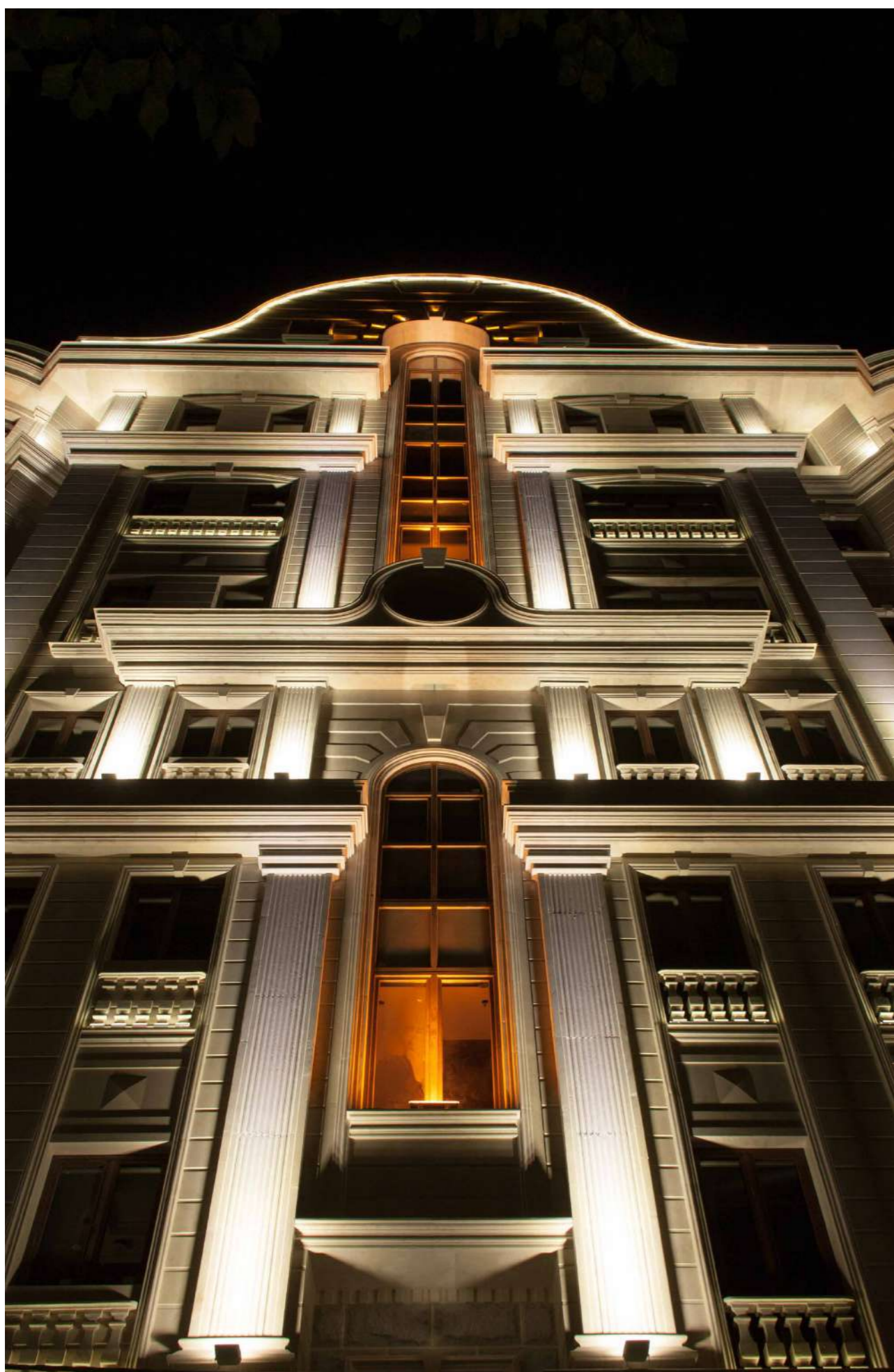


مجتمع مسکونی گلستان - اقدسیه

مشاوره ، طراحی ، تامین تجهیزات و اجرا
کارفرما: آقای دکتر خرمی







مجتمع مسکونی لادن - فرمانیه

مشاوره، طراحی، تامین تجهیزات و اجرا

کارفرما: آقای مهندس صحیح النسب

مجتمع مسکونی - پاسداران

مشاوره ، طراحی ، تامین تجهیزات و اجرا

کارفرما: آقای مهندس اسماعیلی





مجتمع مسکونی - اقدسیه

مشاوره، طراحی، تامین تجهیزات و اجرا

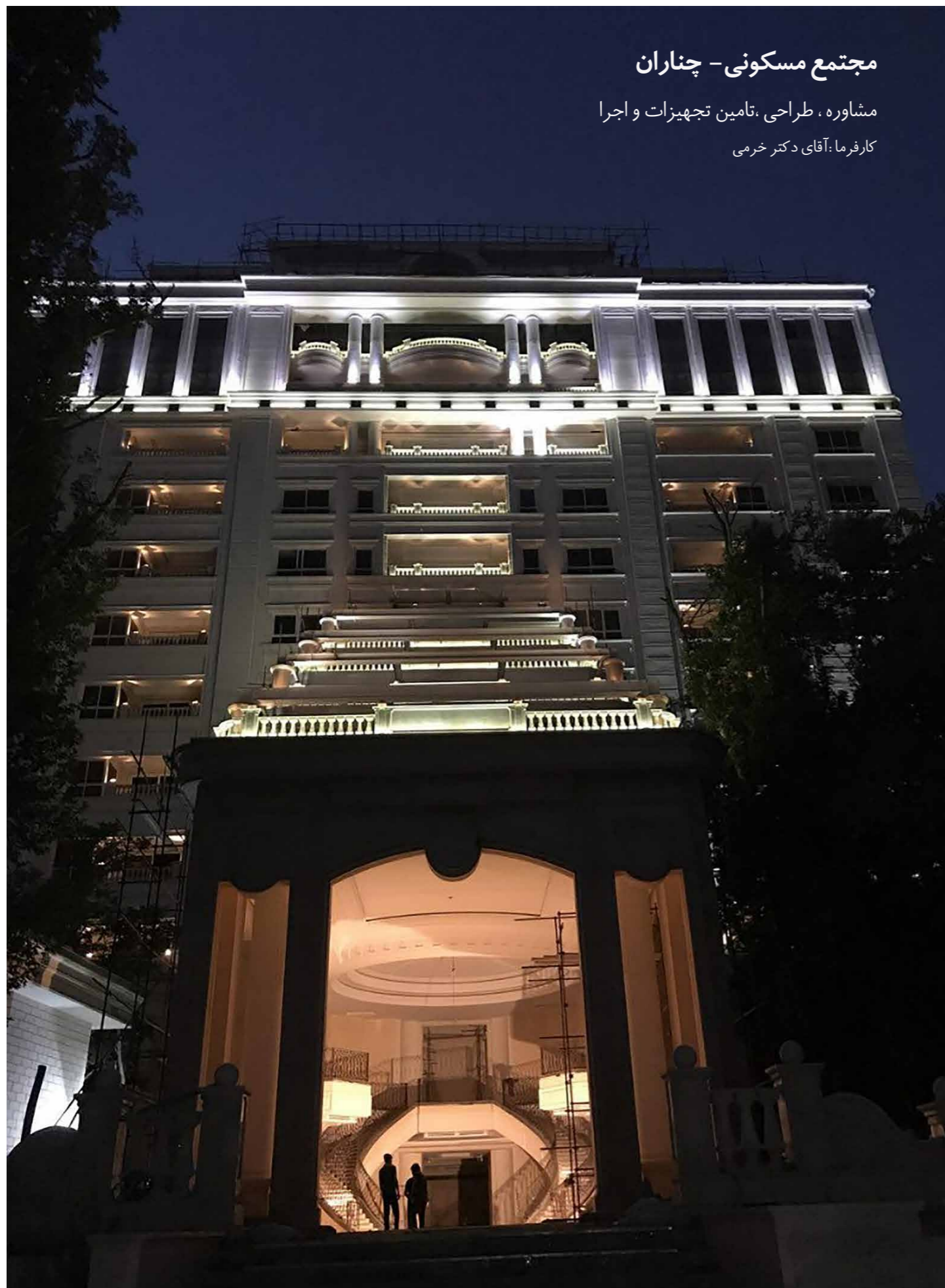
کارفرما: آقای مهندس غلامپور



مجتمع مسکونی - چناران

مشاوره ، طراحی ، تامین تجهیزات و اجرا

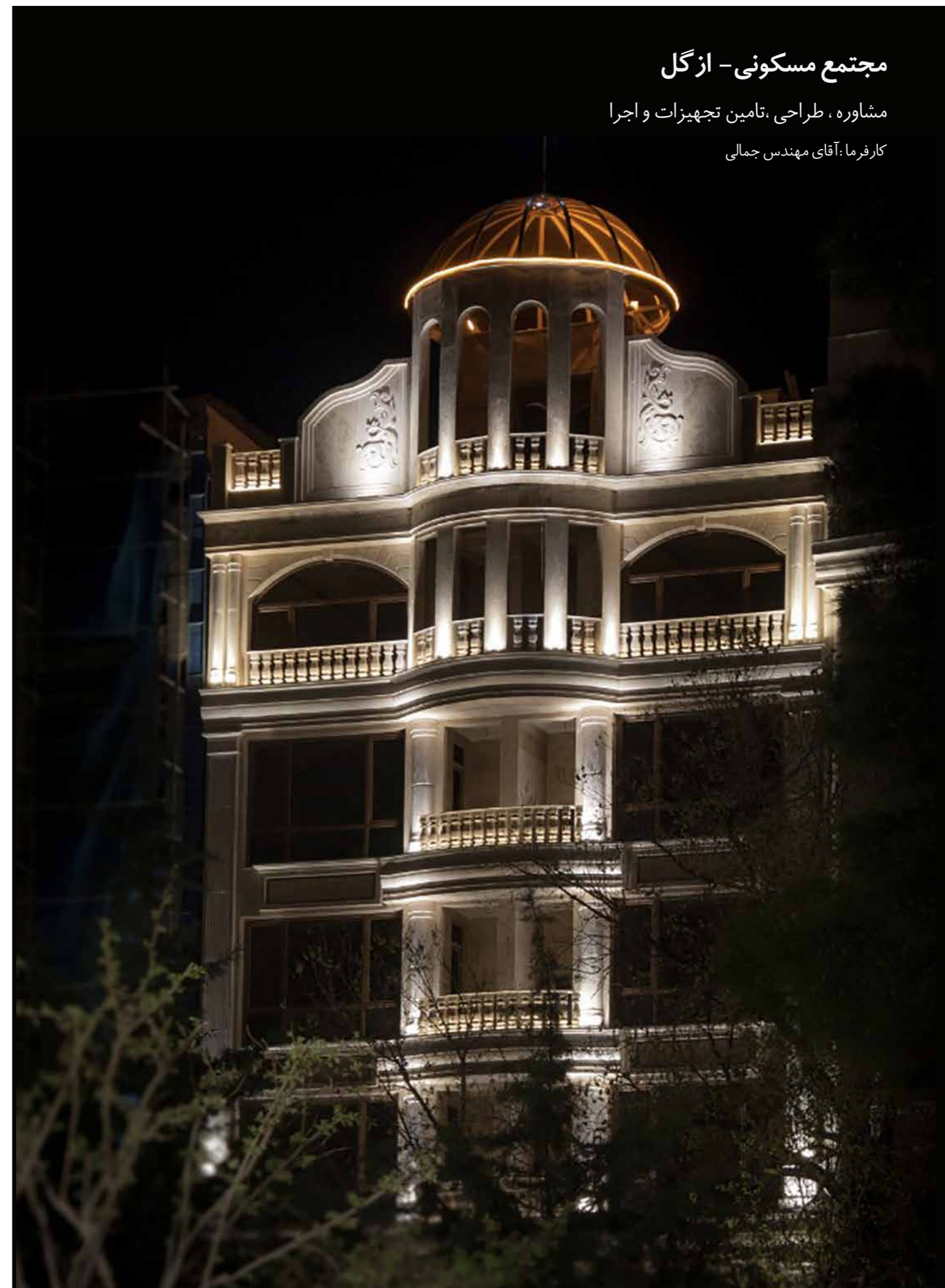
کارفرما: آقای دکتر خرمی



مجتمع مسکونی - ازگل

مشاوره ، طراحی ، تامین تجهیزات و اجرا

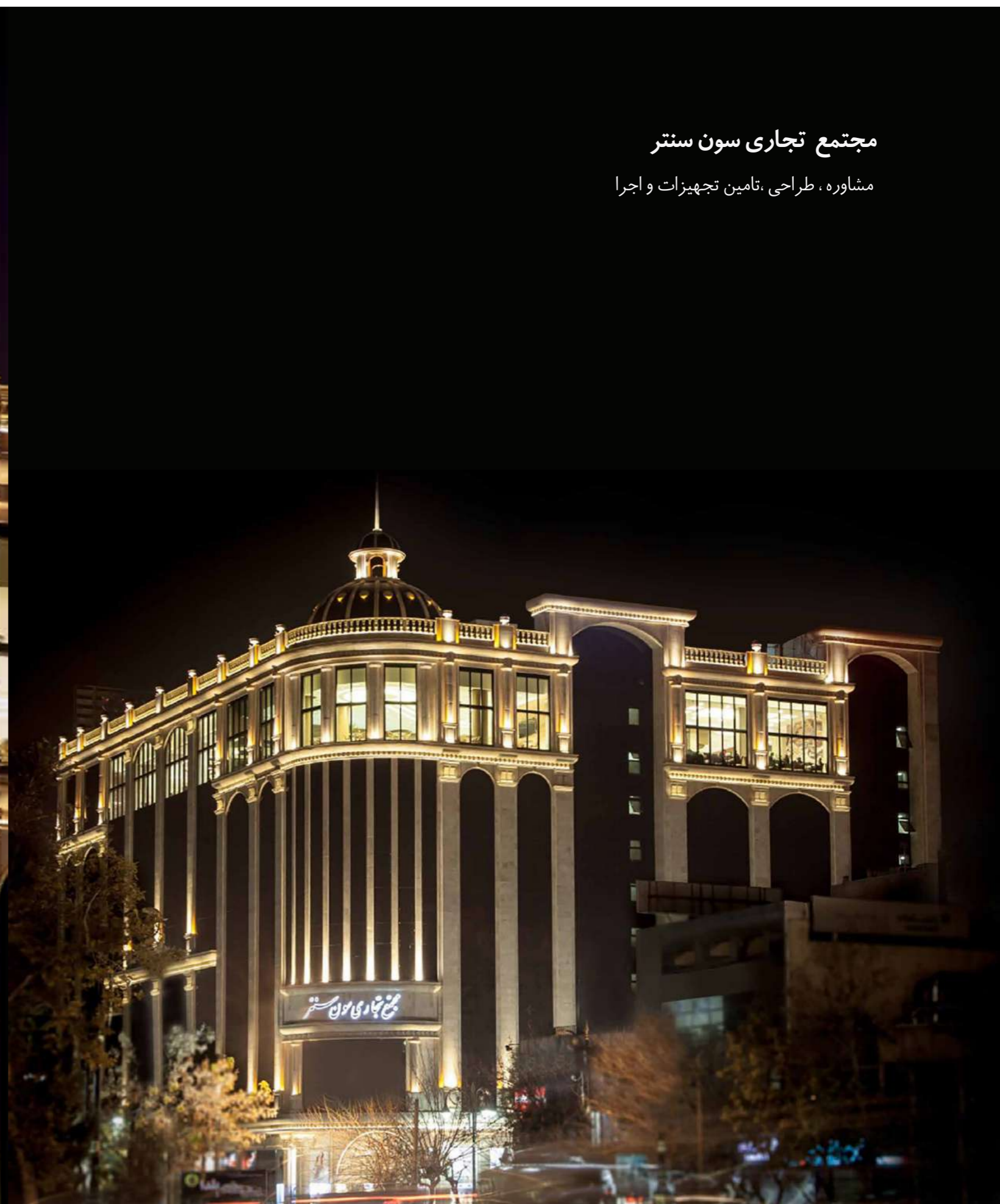
کارفرما: آقای مهندس جمالی

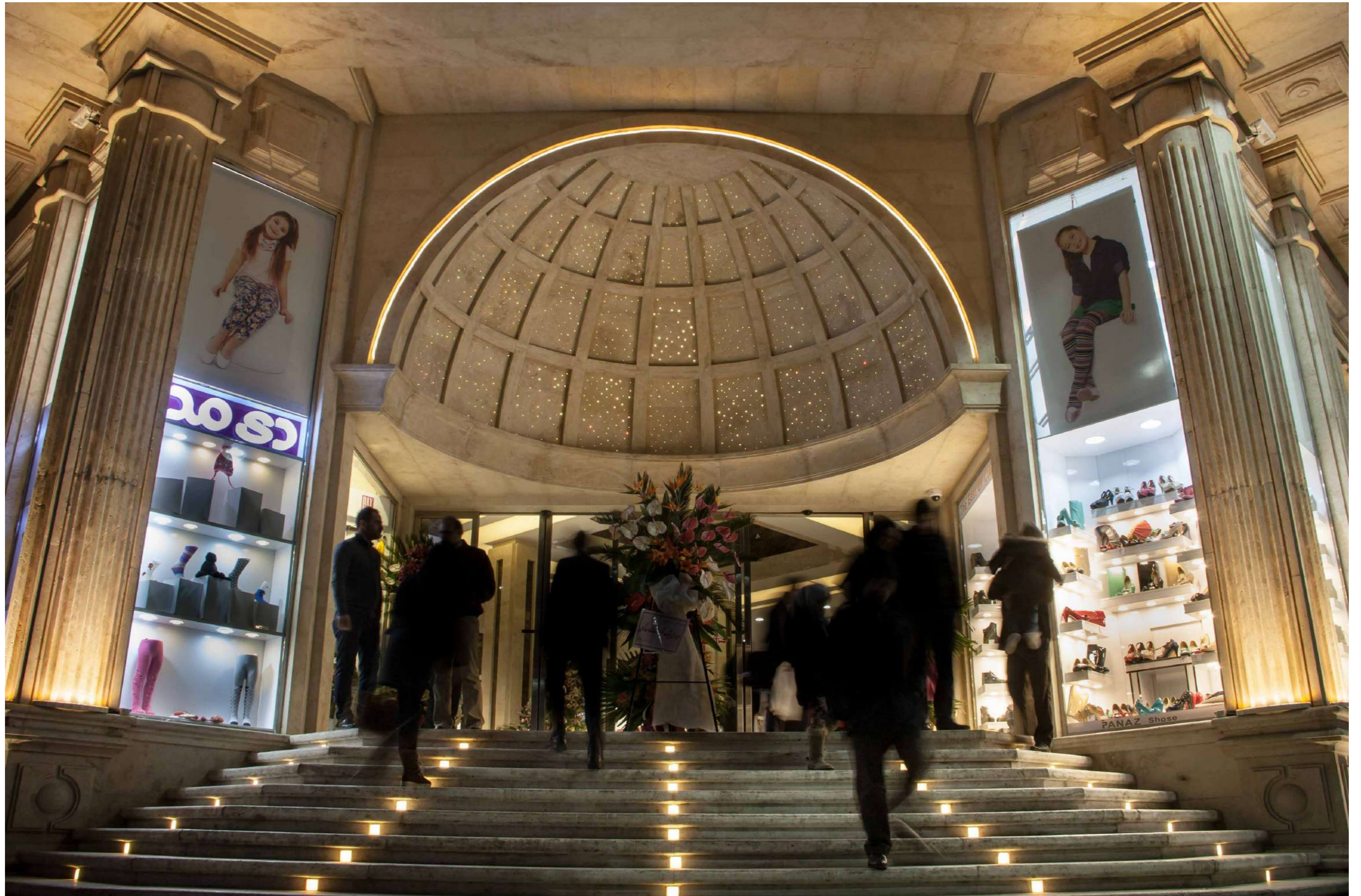




مجتمع تجاری سون سنتر

مشاوره، طراحی، تامین تجهیزات و اجرا

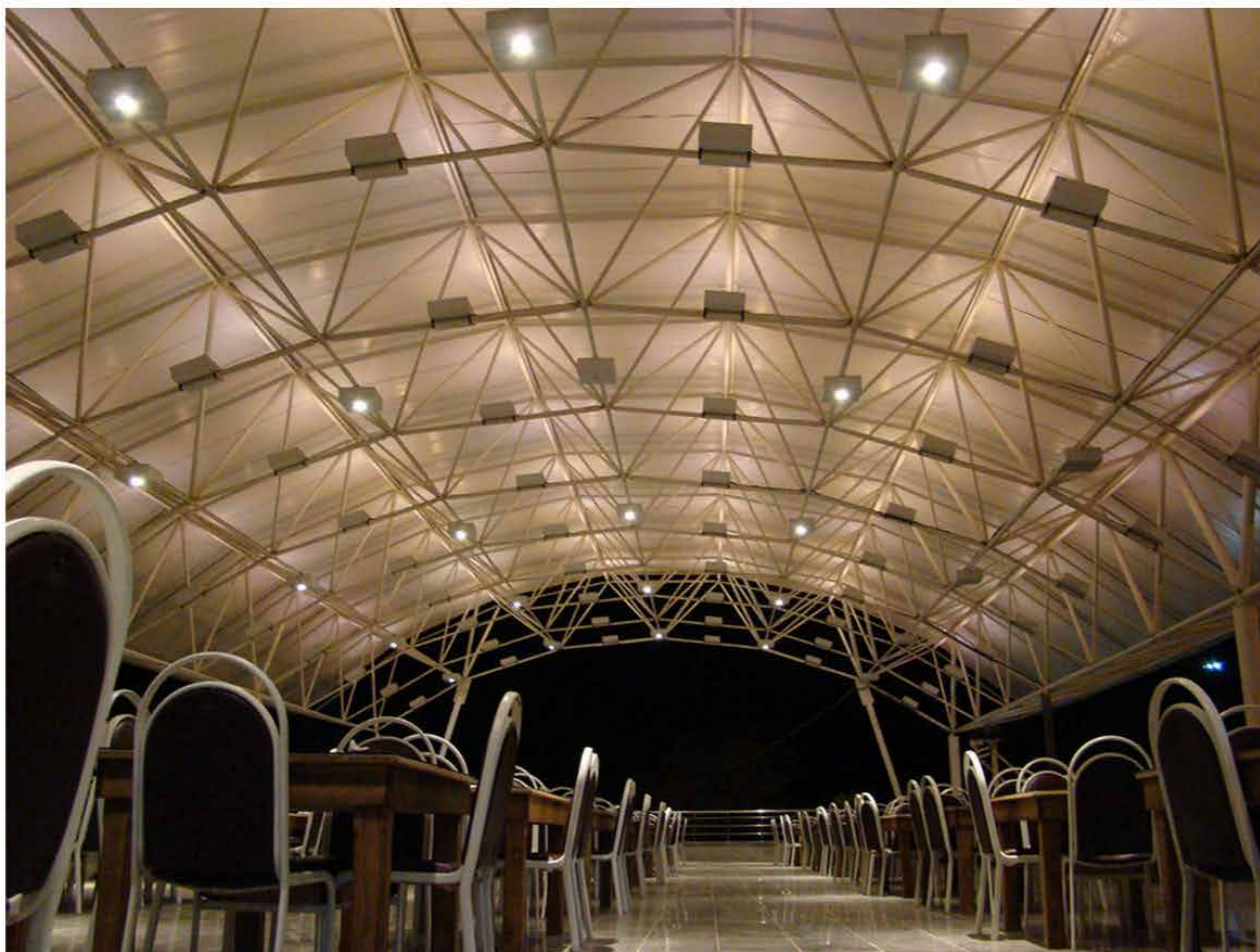




مجتمع اقامتی و تفریحی راه آهن - ساری

مشاوره ، طراحی سیستم روشنایی و نورپردازی تامین
تجهیزات و نظارت بر اجرای پروژه







HIGH LIGHT POWER LED LIGHT (COB)

Rated power : 300 Watt

Working voltage(v):220 vac

Power factor: >.9

color temperature :
Warm White (3000k)
Cool White (5400k)

Light source: Bridge lux (USA)

Led Quantity: 6 Pcs

Light source lifespan :> 50000 hours

Beam angel: 120

Housing material: Aluminum body

IP rating : 65



NARROW BEAM SERIES

Rated power: 10 Watt

Working voltage(v):220 vac

Power factor: >.9

color temperature :
Warm White (3000k)
Natural White (4000k)
Cool White (5400k)

Light source: Cree (USA)

Led Quantity: 1 Pcs

Light source lifespan :> 50000 hours

Beam angel: 5

Housing material: Aluminum body

Measurement : 100 *160 (mm)

IP rating : 65



NARROW BEAM SERIES

Rated power: 3 Watt

Working voltage(v):220 vac

Power factor: >.9

color temperature :
Warm White (3000k)
Natural White (4000k)
Cool White (5400k)

Light source: Bridge lux (USA)

Led Quantity: 1 Pc

Light source lifespan :> 50000 hours

Beam angel: 5

Housing material: Aluminum body

Measurement : 60 *90 (mm)

IP rating : 65





STEP LIGHT RECTANGLE

Rated power : 6 Watt

Measurement:105 *60 mm

color temperature : All Colors Available

Body Color: White

IP rating : 54



STEP LIGHT SQUARE

Rated power : 3 Watt

Measurement:58 *58 mm

color temperature : All Colors Available

Body Color: White

IP rating : 54



UNDERGROUND SIDE LIGHT

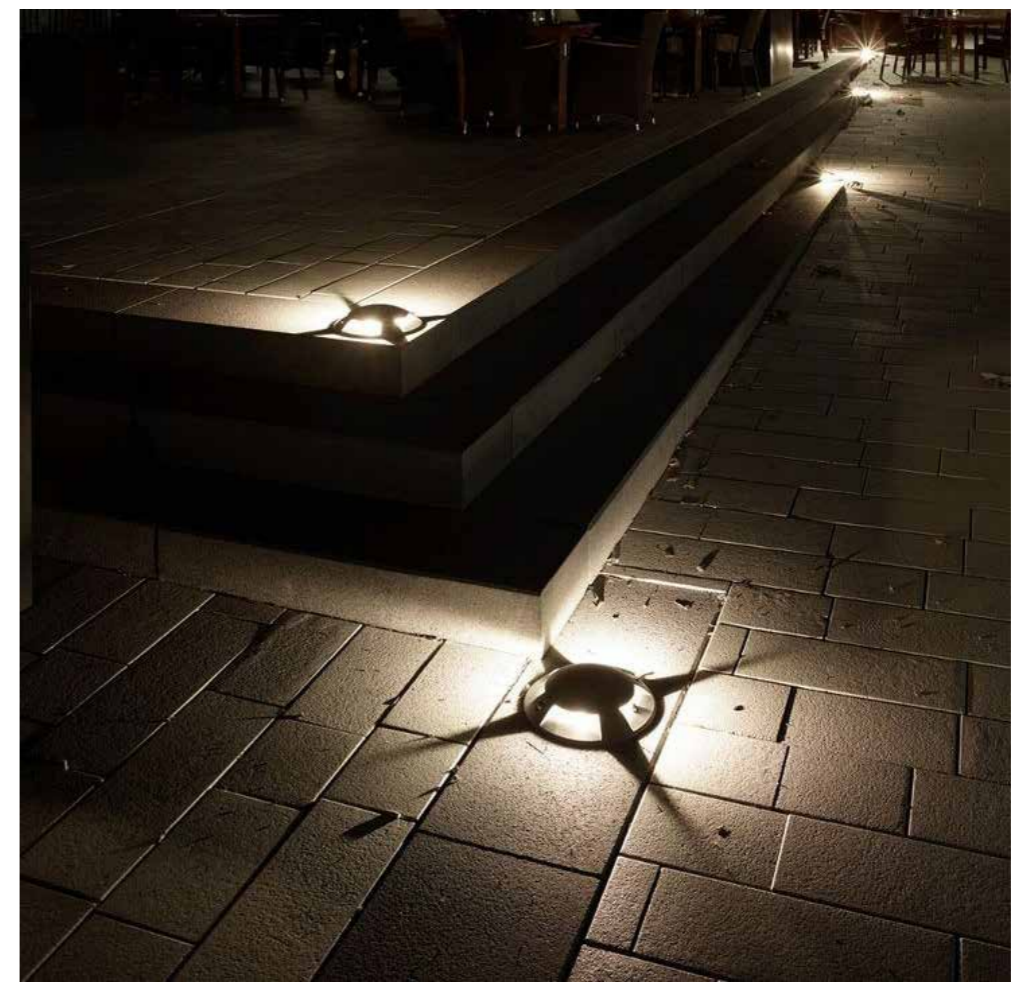
Rated power : 3 Watt

Working voltage(v):220 vac

Measurement:52 *90 mm

color temperature : All Colors Available

IP rating : 65





LED WALL WASHER

Rated power : 3 Watt

Working voltage(v):220 vac

Measurement:10 cm

color temperature : All Colors Available

IP rating : 65



LED WALL WASHER

Rated power : 12 Watt

Working voltage(v):220 vac

Measurement:40 cm

color temperature : All Colors Available

IP rating : 65



LED WALL WASHER

Rated power : 24 Watt

Working voltage(v):220 vac

Measurement:80 cm

color temperature : All Colors Available

IP rating : 65



UNDERGROUND LED LIGHT

Rated power : 12 Watt

Working voltage(v):220 vac

Cut Size : 185 mm

Frame Size : 200 mm

color temperature : All Colors Available

IP rating : 65



UNDERGROUND LED LIGHT

Rated power : 3,5 Watt

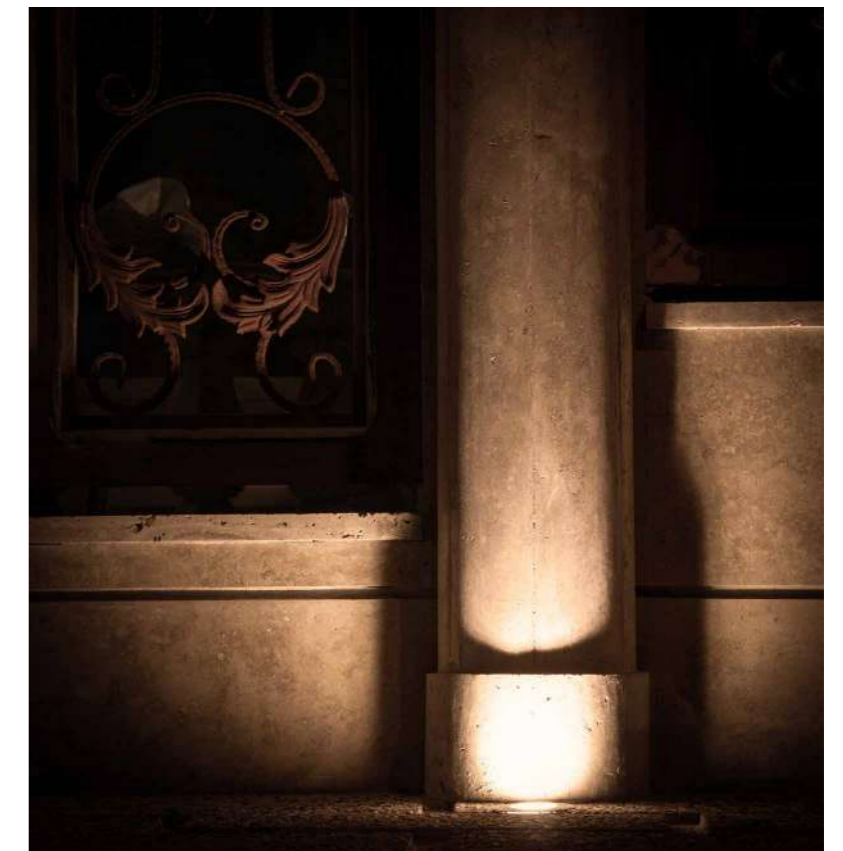
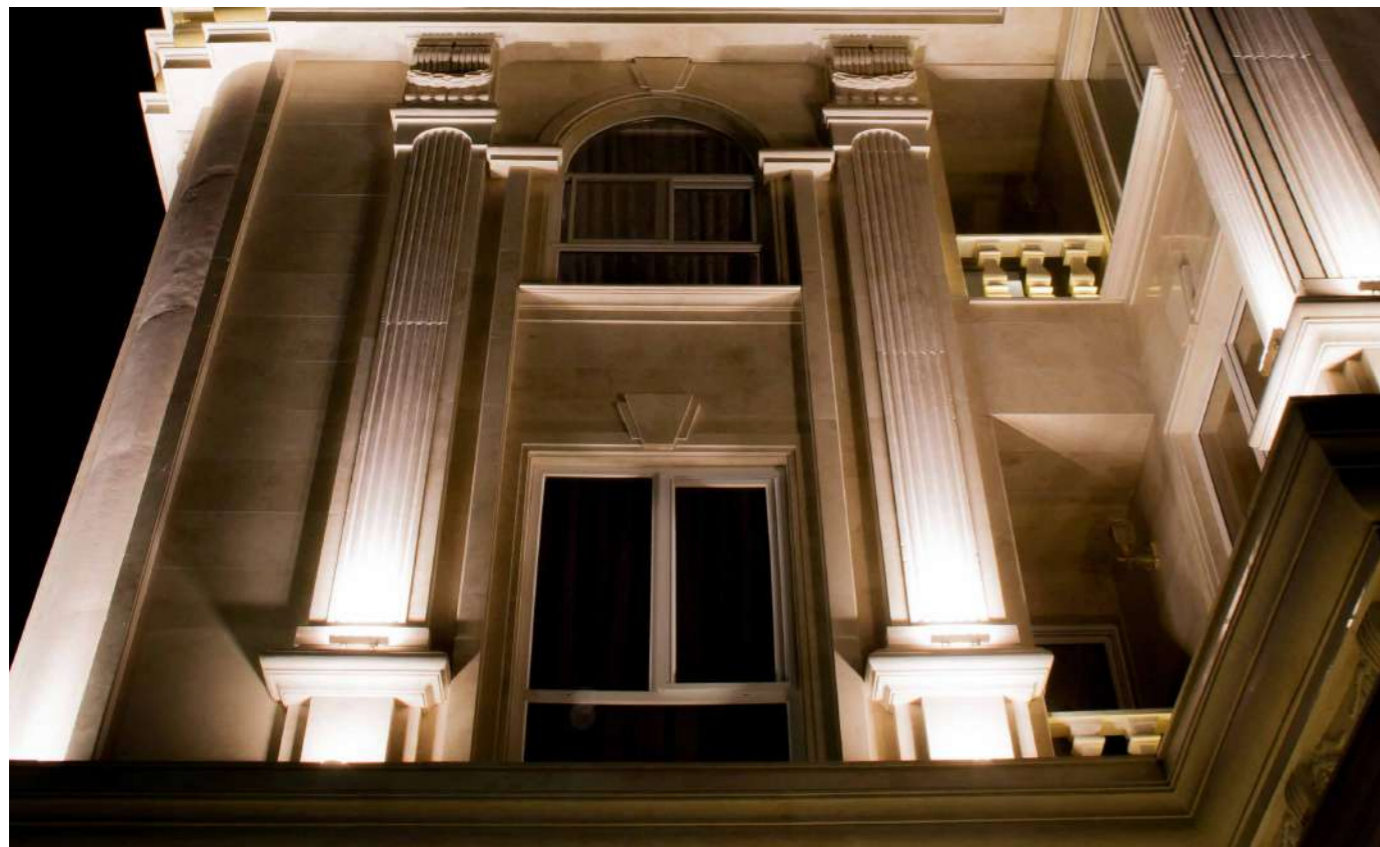
Working voltage(v):220 vac

Cut Size : 95 mm

Frame Size : 102 mm

color temperature : All Colors Available

IP rating : 65



LED LIGHT WATER PROOF



LISOTE

Rated power: 20,36 w

Working voltage (V): 24Vdc

Power factor: >.9

Color temperature: 2700-6500 K
R/G/B/Y/RGB/RGBW

Light source: Honglitronic (CHINA)

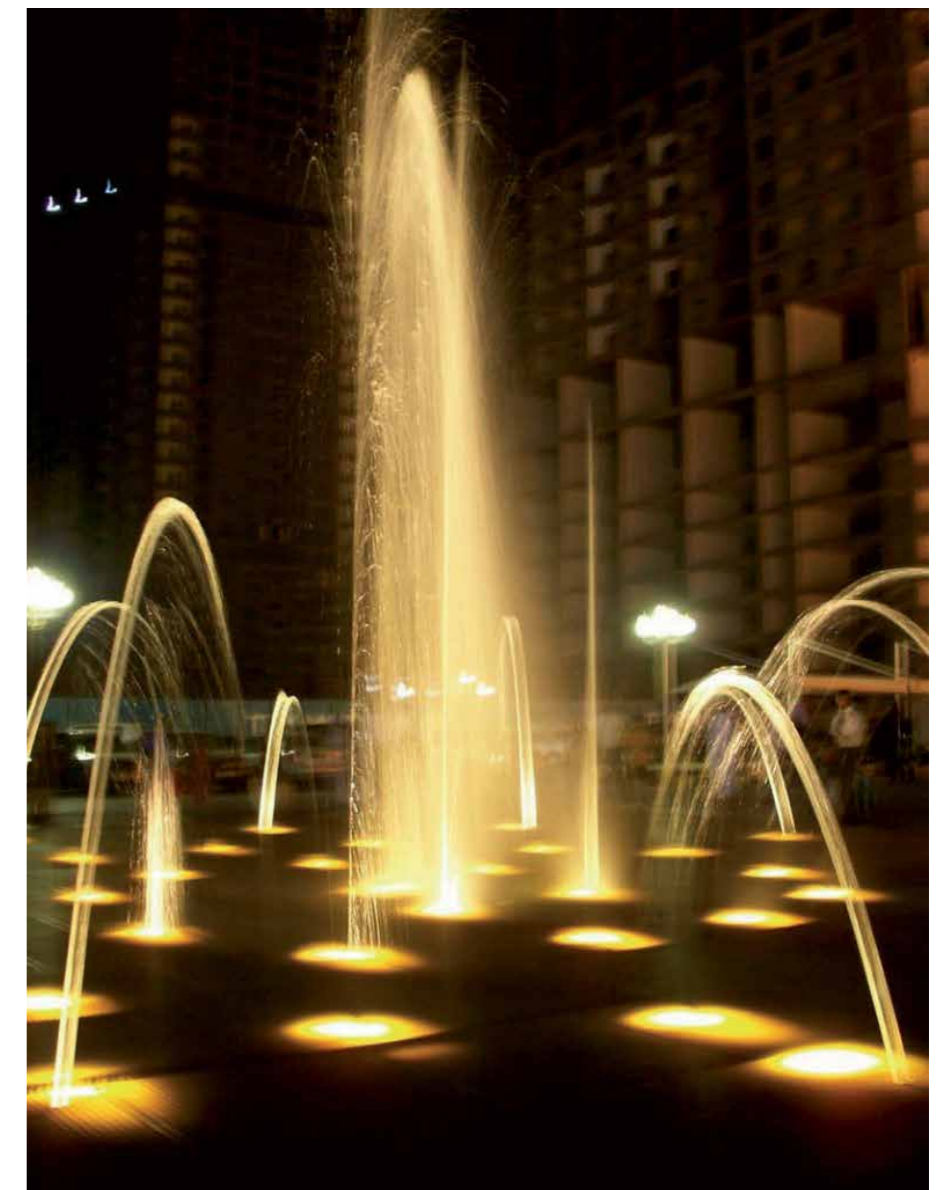
Light source lifespan: > 50000 hours

Beam angle: 90°

Housing material: Polycarbonate & steel

Measurement: 160*160*90 (mm)

IP rating: 68





U 60

Rated power:3 w

Working voltage(v):12 vdc

Power factor: >.9

color temperature :2700 -6500 k
R /G /B /Y

Light source: Bridge lux (USA)

Led Quantity:3 Pcs

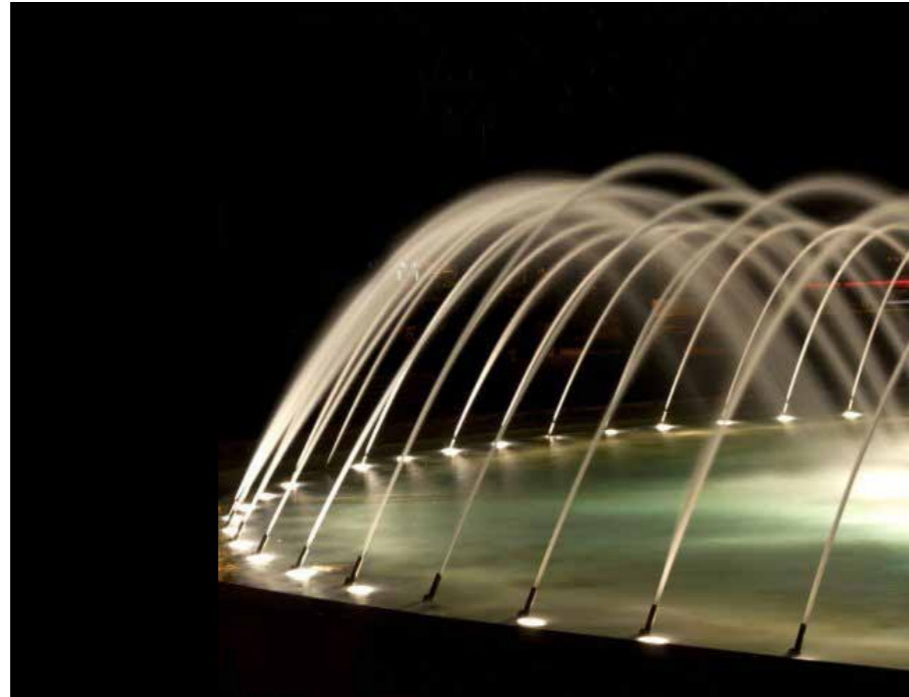
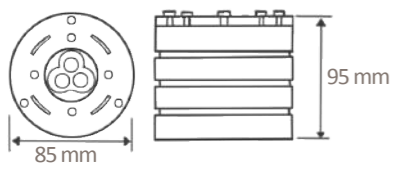
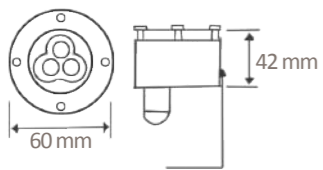
Light source lifespan :> 50000 hours

Beam angel: 30 /120

Housing material: Aluminum body

Measurement:
60*50 (mm) , 80* 50 (mm)

IP rating : 68



U 120

Rated power:9,10 w

Working voltage(v):12 vdc

Power factor: >.9

color temperature :2700 -6500 k
R /G /B /Y /RGB

Light source: Bridge lux (USA)

Led Quantity: 9,10 Pcs

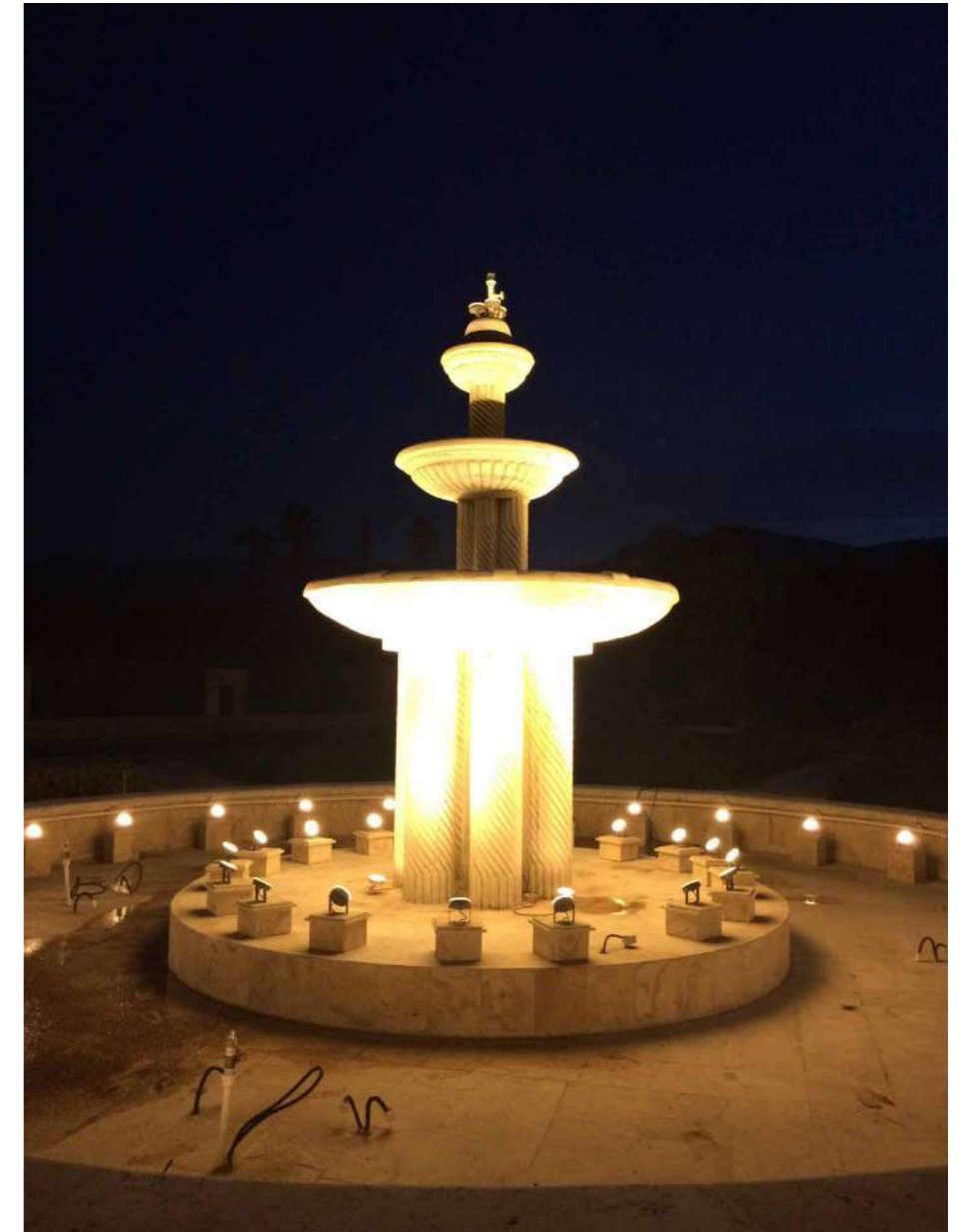
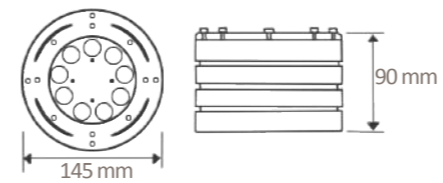
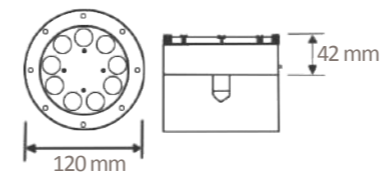
Light source lifespan :> 50000 hours

Beam angel: 10/30/45/60/90/120

Housing material: Aluminum body

Measurement : 120*50 (mm),
150*50 (mm)

IP rating : 68





U 200

Rated power(w): 20-24 w

Working voltage(v):12 vdc

Power factor: >.9

color temperature :2700 -6500 k
R /G /B /Y /RGB

Light source: Bridge lux (USA)

Led Quantity:20,24 Pcs

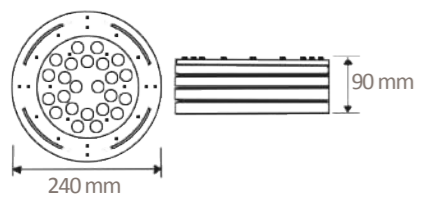
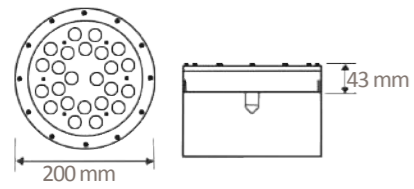
Light source lifespan :> 50000 hours

Beam angel: 10/30/45/60/90/120

Housing material: Aluminum body

Measurement : 200 *50 (mm),
240 *50 (mm)

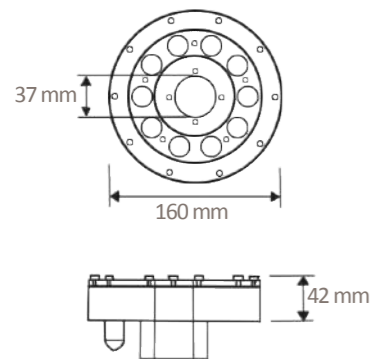
IP rating : 68





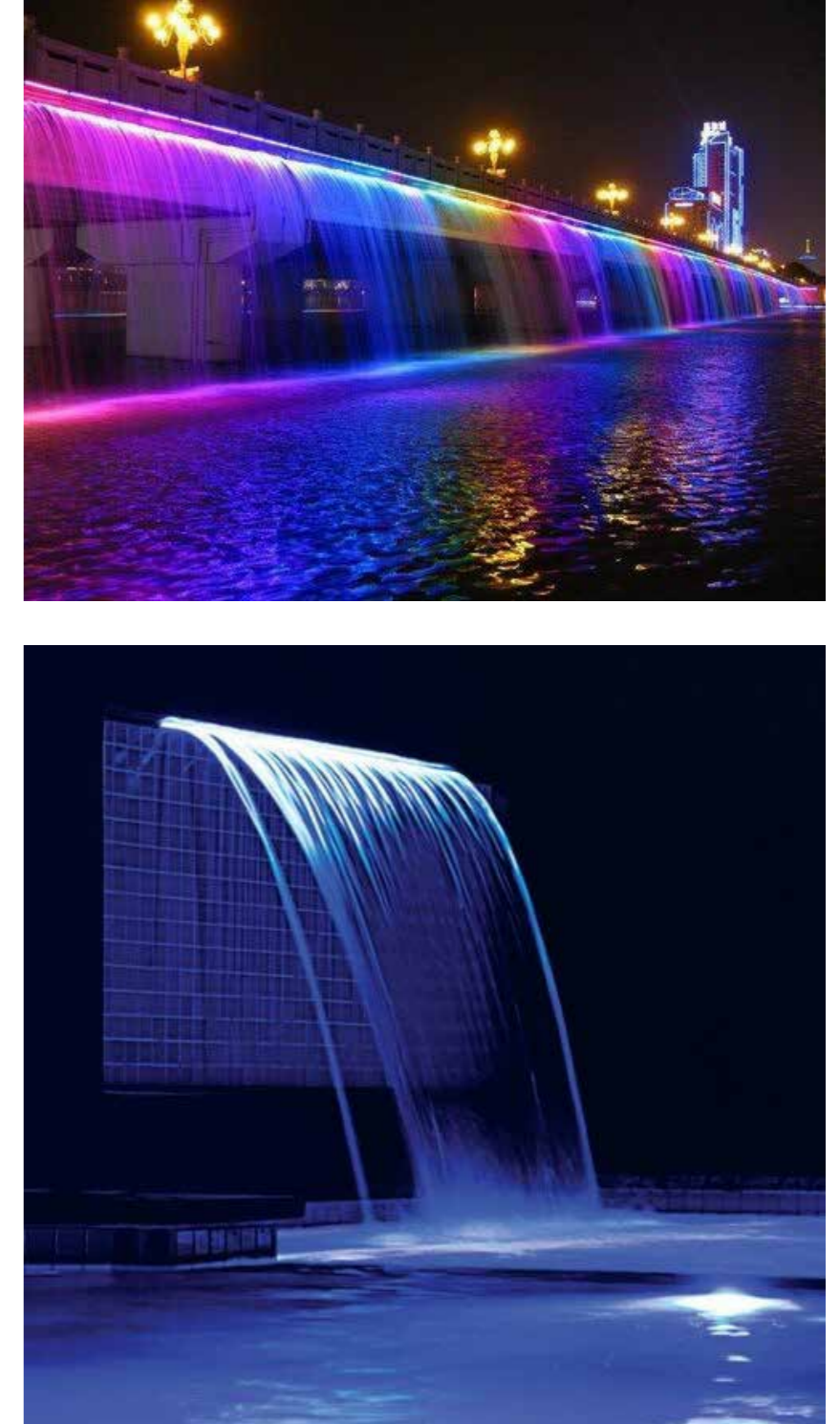
UF 160

Rated power(w): 9- 10 w
 Working voltage(v):12 vdc
 Power factor: >.9
 color temperature :2700-6500 k
 R /G /B /Y /RGB
 Light source: Bridge lux (USA)
 Led Quantity: 9,10 Pcs
 Light source lifespan :> 50000 hours
 Beam angel: 10/30/45/60/90/120
 Housing material: Aluminum body
 Measurement : 160*50 (mm)
 IP rating : 68



UW

Rated power (w) :10,12w
 Working voltage(v):24 vdc
 Power factor: >.9
 color temperature :2700-6500 k
 R /G /B /Y
 Light source: Bridge lux (USA)
 Led Quantity: 10,12 Pcs
 Light source lifespan :> 50000 hours
 Beam angel:10/30/45/60/90/120
 Housing material: Aluminum body
 Measurement: 400*50*50 (mm)
 IP rating : 68



LIGHTING SYSTEM OF THE LARGEST CABLE BRIDGE OF THE MIDDLE EAST IN CITY OF AHVAZ-AHVAZ

A bridge of a length of 1014 meter and width of 24 meter on the KAROUN River at AHVAZ which had been constructed. The height of the pilots of the bridge is 93 meters, which connects the eastern part of the city to the western part.

EMPLOYER: Municipality of AHVAZ, municipality & aesthetics organization of the municipality of AHVAZ

- Consultation in the line of lighting system of the AHVAZ Bridge for changing and developing of this bridge as a symbol of the city.
- The graphic design of the bridge on the basis of the urban situation of the city.
- Selection of the luminaire, nature of lights on the basis of the very special geographical situation of the city like (existence of large amount of dust in most days of year, severe heat and sweltering sunlight at upper 60 centigrade degree and also very humid and sultry or muggy climatic conditions of the city).
- Computation of the consumed load, number and type (quantity & type) of cables. Bridge electricity feeding from both directions, computations of the electrical board.
- Computation of the lights supports, manufacturing & installation thereof
- Execution, management and implementation of the project in view of the pre-sented designs, drawings and plans.

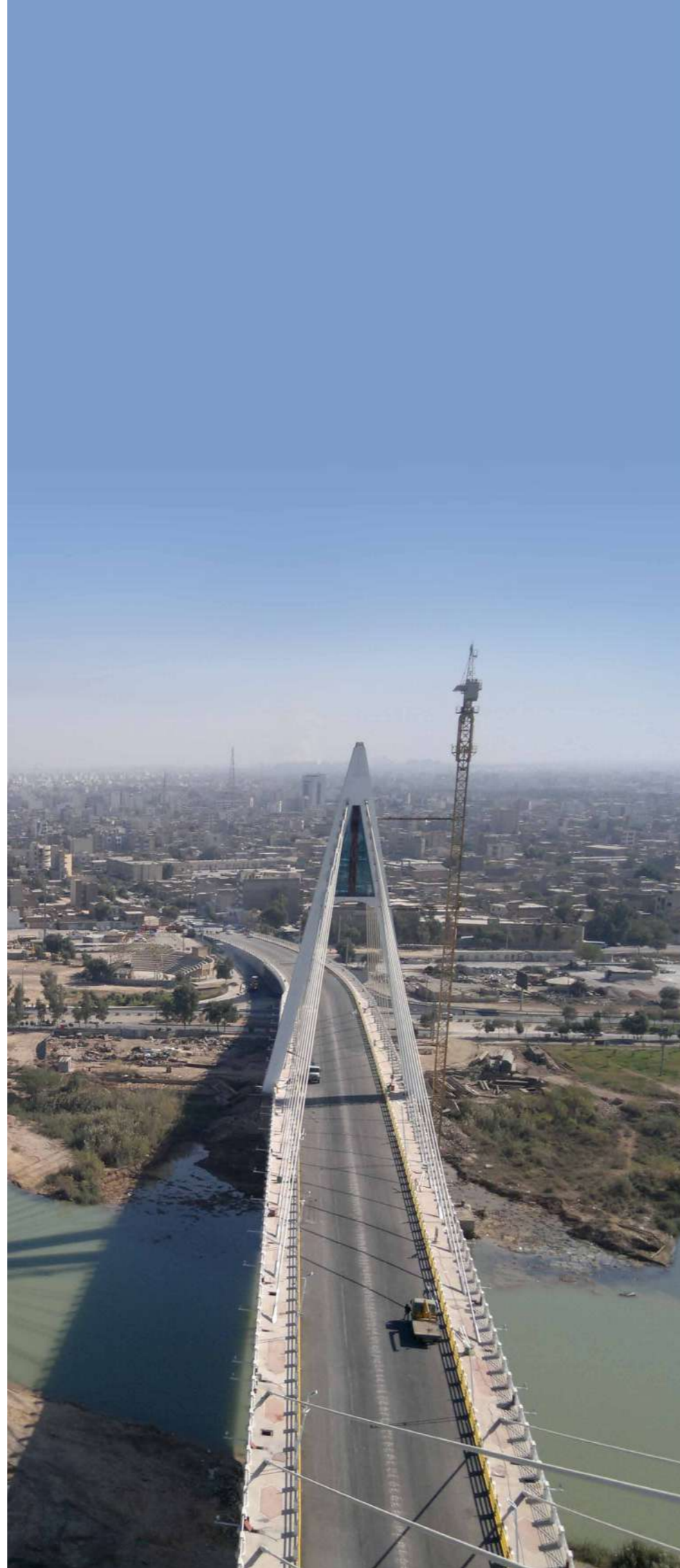
Dati meccanici - Mechanical data	
Dimensioni	mm 285 x 211 x 471
Dimensione	mm 220 x 211 x 277
Dimensione Estato	mm 220 x 227 x 200
Dimensione Dimensione	mm 220 x 227 x 200
Peso	kg 5
Peso Estato	kg 9
Peso Estato	kg 9
Carica	Protezione in alluminio
Grado di protezione	IP 65
Protezione	IP 65

Punto 575
cod. 3724142204L

Dati elettrici - Electrical data	
Voltaggio nominale	220 V 50 Hz
Voltaggio	220 V 50 Hz
Assorbimento massimo	700 VA
Max power consumption	700 VA

Dati ottici - Optical data	
Riferire in abbinamento ad altre serie luminose	
Apertura luminosa	
Apertura luminosa base	
Apertura luminosa	

Lampade consigliate - Lamp Suggested					
Type	Base	Power	Lumen	W	Watt
MR 3122	GU 5.3	575 W	4000	1200	1000

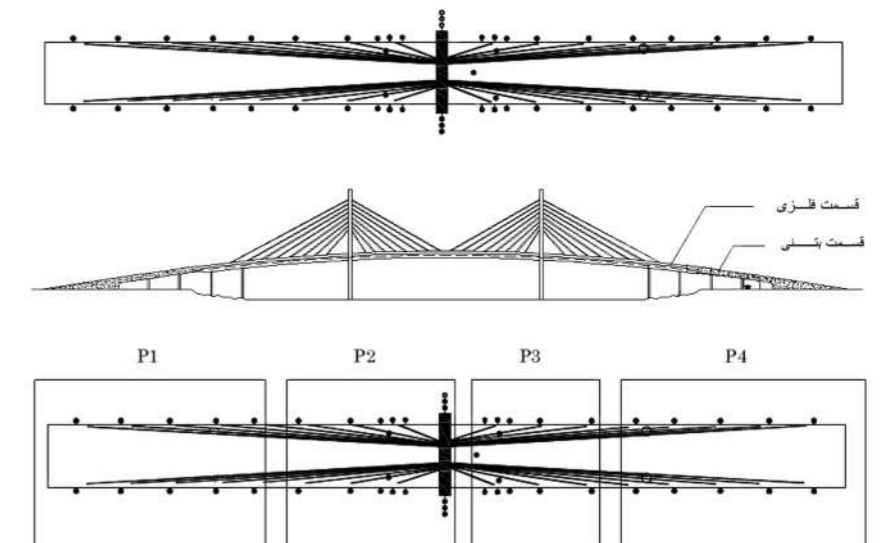


نورپردازی بزرگترین پل کابلی خاورمیانه در اهواز - پل هشتم

پلی به طول ۱۰۱۴ متر و عرض ۲۴ متر بر روی رود کارون اهواز در سال ۱۳۹۰ ساخته و بهره برداری شد ارتفاع پیلونهای پل ۹۳ متر میباشد ، قسمت شرقی شهر را به قسمت غربی متصل مینماید و از این سازه به عنوان بزرگترین پل کابلی خاورمیانه یاد میشود.

کارفرما : شهرداری و سازمان زیبا سازی شهر اهواز

- مشاوره در خصوص نورپردازی پل اهواز و هویت بخشی آن در شب
- طراحی گرافیکی پل بر اساس موقعیت شهری
- انتخاب چراغها ونوع لامپها بر اساس موقعیت جغرافیای بسیار خاص شهر مانند (وجود گرد و غبار بسیار شدید در اغلب روزهای سال ، آفتاب و گرمای بالا به همراه هوای بسیار مرطوب و شرحی)
- محاسبه بار مصرفی ، مقدار و نوع کابلها ، محاسبه تابلوهای برق به همراه استابلایزر ، (تغذیه برق پل از دو سمت انجام شد . قابل ذکر است مقدار کابلها ۱۵ کیلومتر میباشد)
- طراحی و محاسبه مکانیکال ساپورت چراغها به همراه ساخت و نصب آنها
- اجرا ومدیریت پروژه با توجه به طراحی ونقشه های ارائه شده





**KAROUN
RIVER**

THE LARGEST CABLE BRIDGE OF THE MIDDLE EAST

