

TLS-S40

- Easy to install and maintain
- Let the design do whatever you want
- Let your inspiration run wild



Concept Sketch

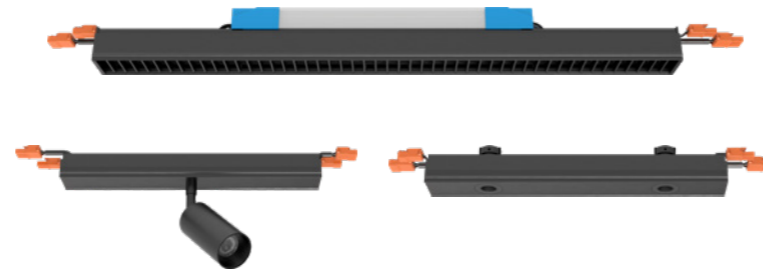
Profile track of Led modules



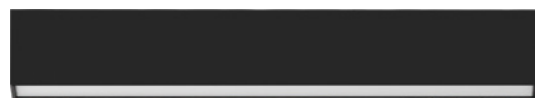
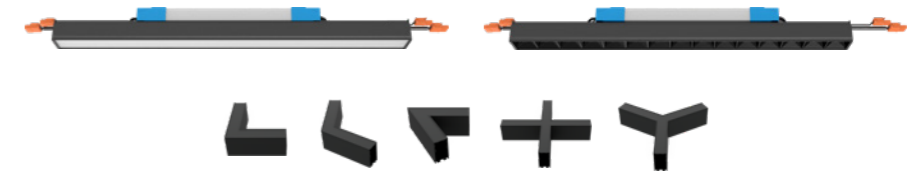
Light module



Light module



Light module



Luminaire

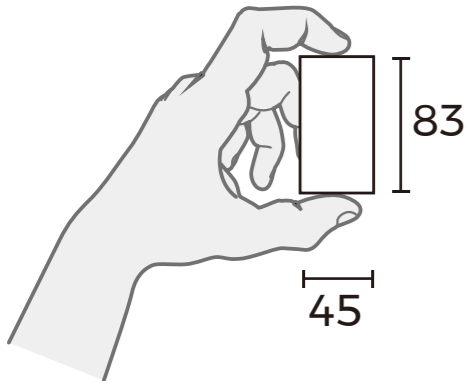


Customized luminaires combination



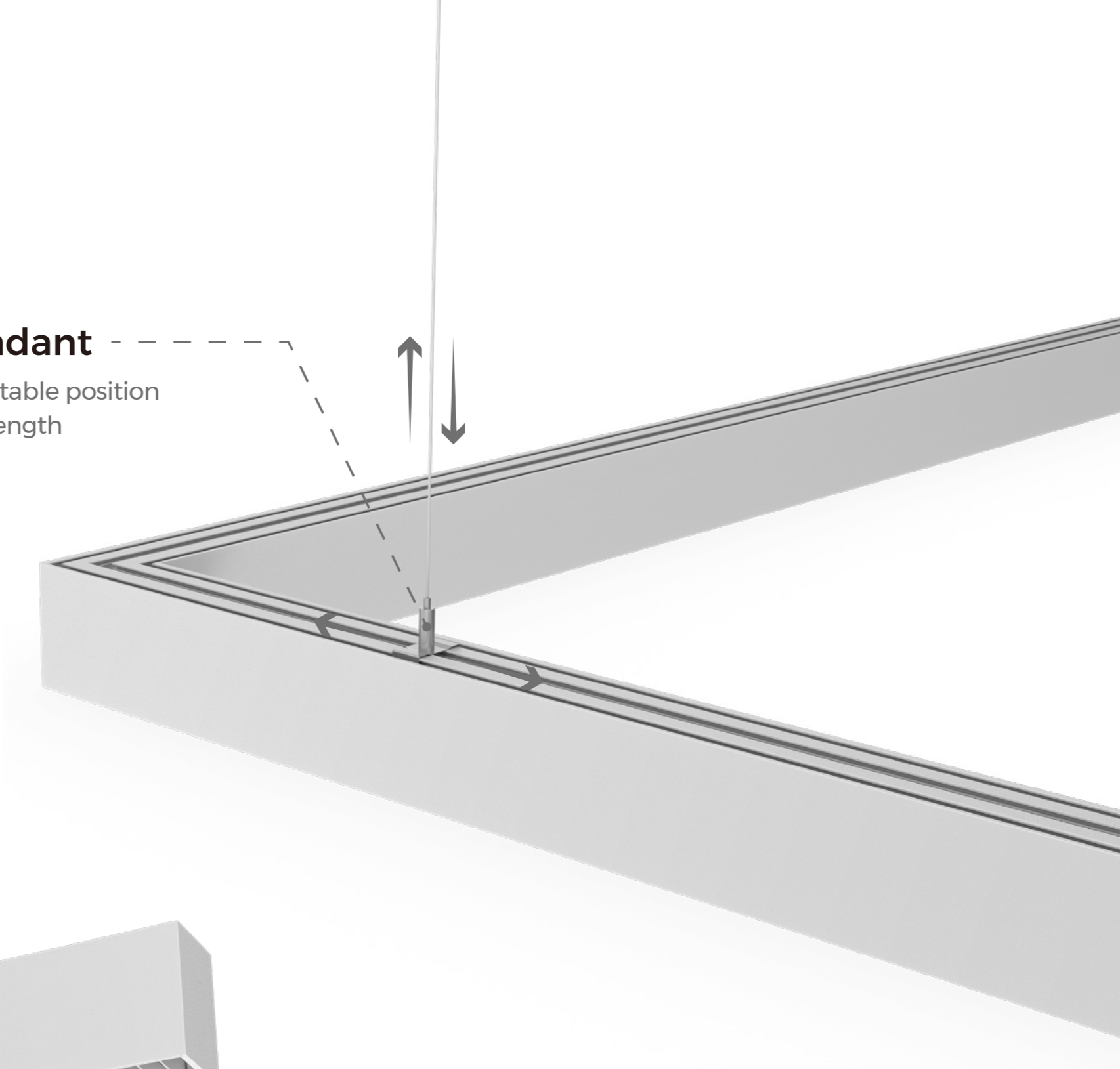
Flexible combinations of modules

Product Features



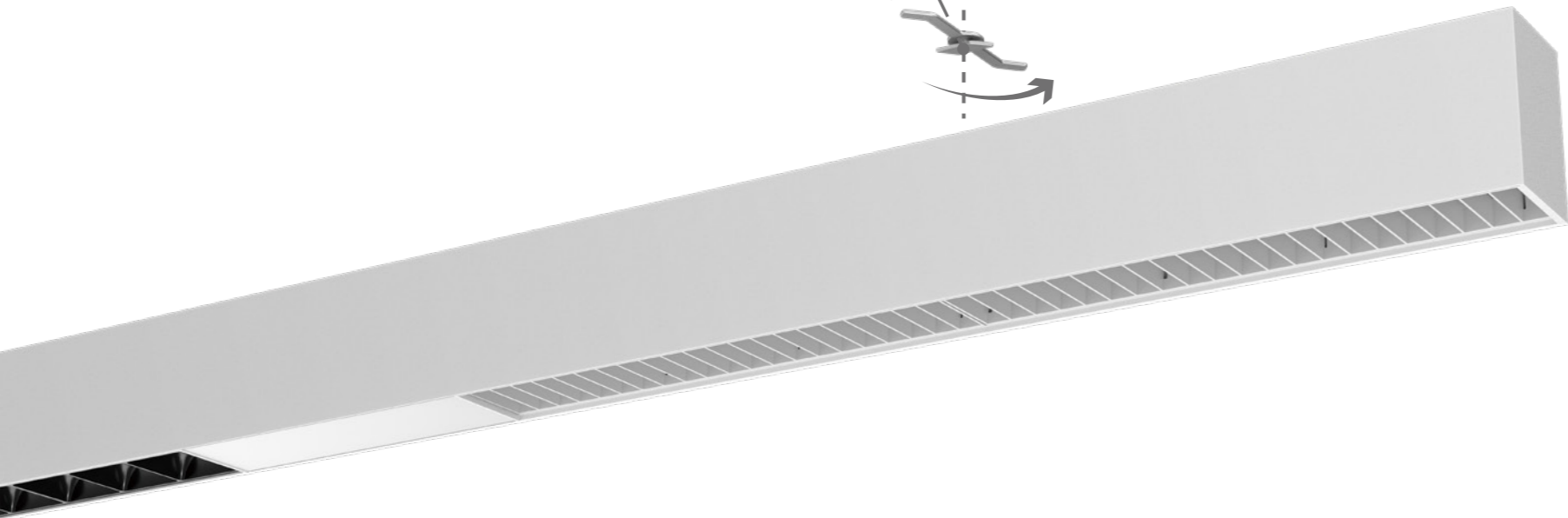
Pendant

Adjustable position and length






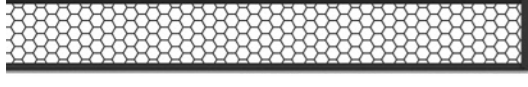





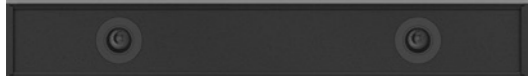
Ceiling

Adjustable position, easy installation and removal

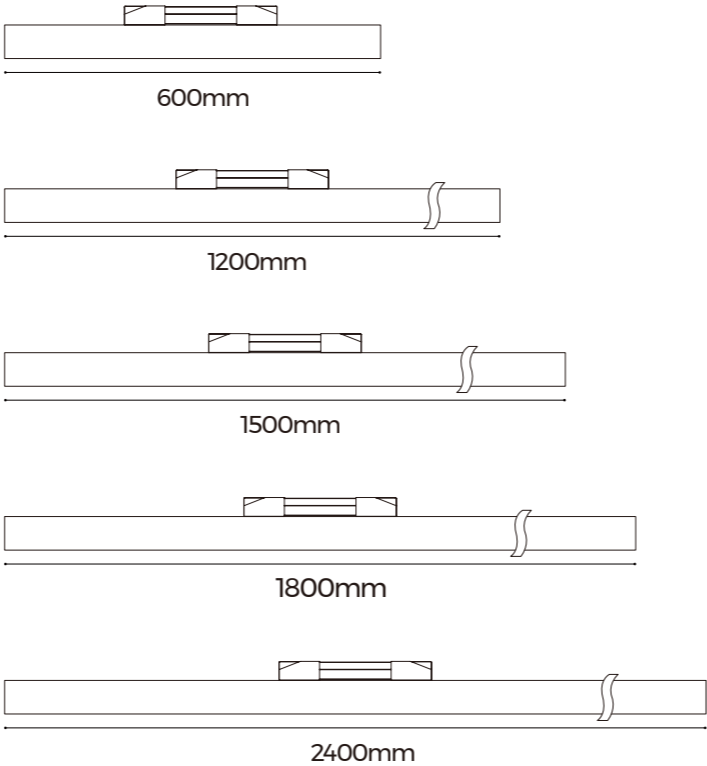


Product Features

10 Optical diffusers

-  Diffuser
-  Prismatic
-  Louver
-  Honeycomb
-  Grating
-  Asymmetric
-  Double Asymmetric
-  Single-head spotlight
-  Double-head spotlight
-  Double-embed spotlight

Five standard lengths



Four versions

- Regular version
- Emergency lighting version
- High light efficiency version
- CCT Switchable version

7 CCT optional

2700 K
 3000 K
 3500 K
 4000 K
 5000 K
 6500 K
 6500 K

2700-6500K

Finish color

Black
 white

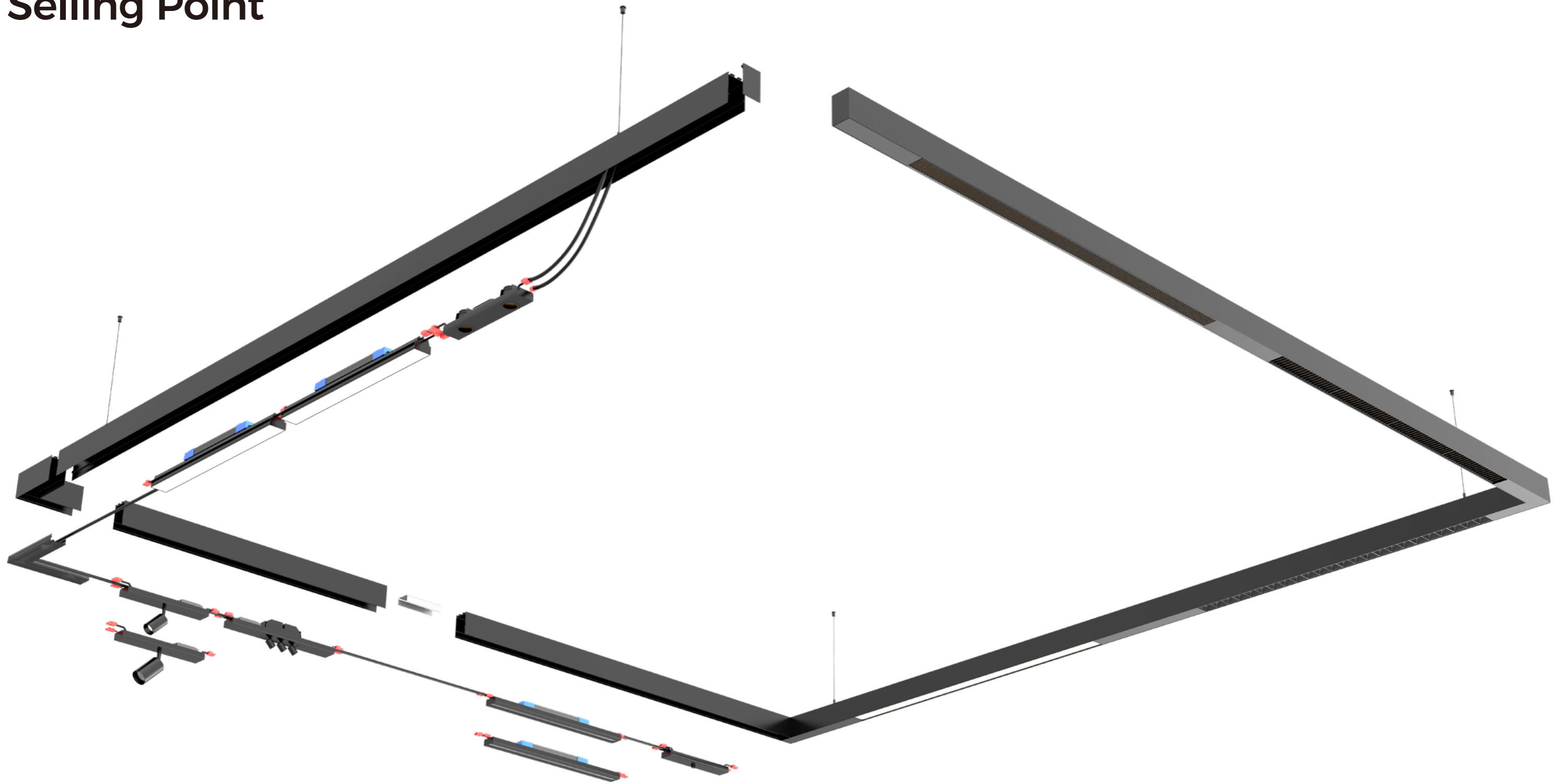
CRI optional

>80 CRI
 >90 CRI

Power supply & dimming optional

NO DIMMING (NO/OFF)
 1-10V DIMMING (1-10V)
 DALI-2+PUSH DIMMING (DALI-2+PUSH)
 CASAMBI (CASAMBI)

Selling Point



Easy to install

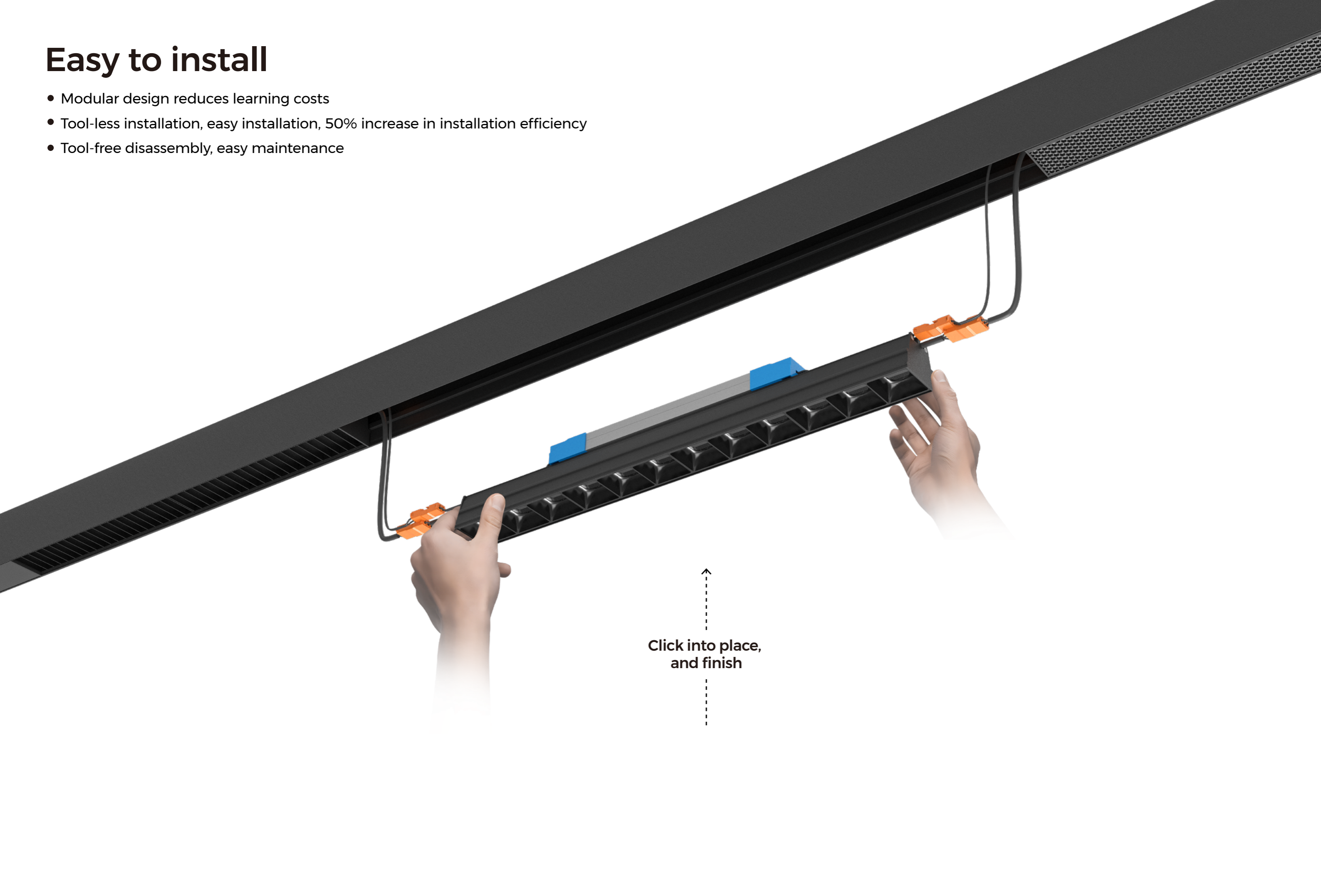
Variable styling

Professional optics

Smart control

Easy to install

- Modular design reduces learning costs
- Tool-less installation, easy installation, 50% increase in installation efficiency
- Tool-free disassembly, easy maintenance



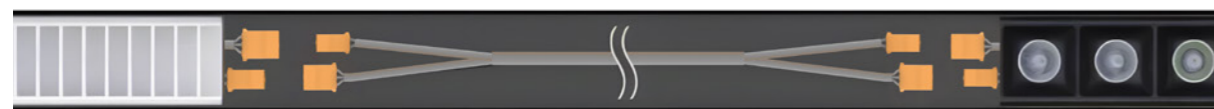
Click into place,
and finish

Easy to install

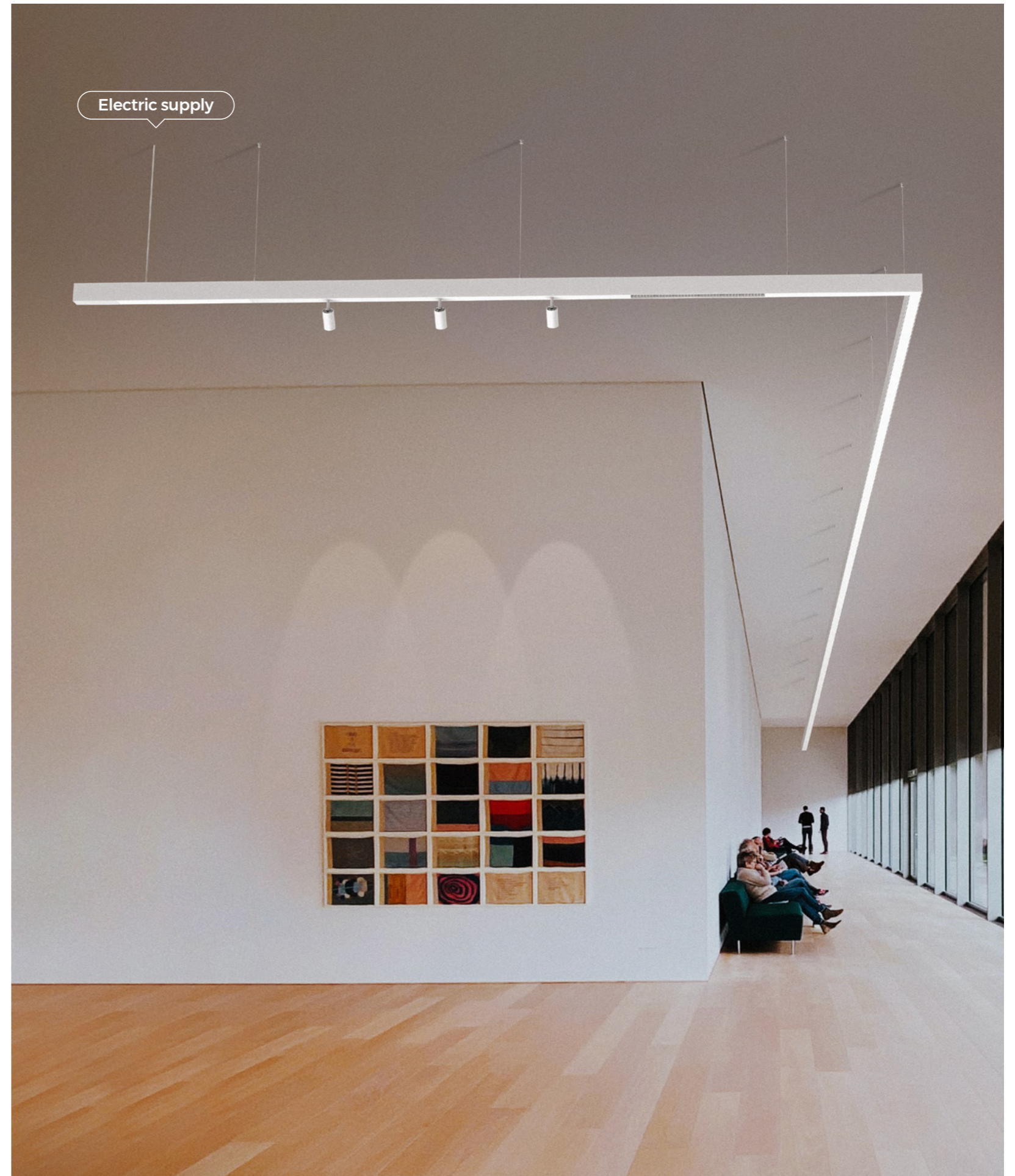
- Modules are plugged in and discharged, improving electrical connection efficiency by 90%
- 40M ultra-long single-ended power supply, reducing construction costs by 50%



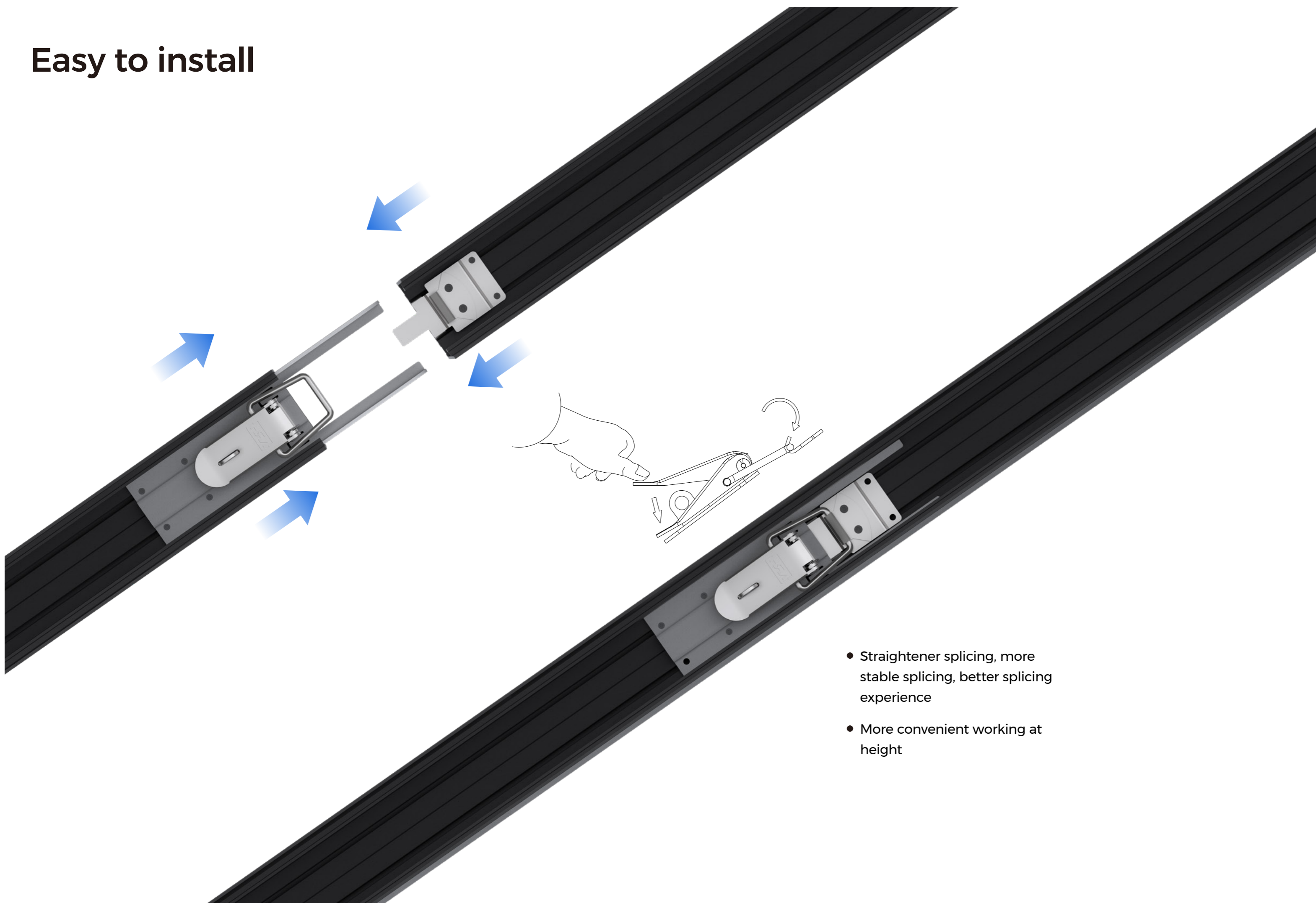
Quick electrical connection



Extension cable 1m/2m



Easy to install



- Straightener splicing, more stable splicing, better splicing experience
- More convenient working at height

Easy to install

Five standard corners to meet a variety of styling designs



LS40-L60



LS40-L90



LS40-L120



LS40-X90



LS40-Y120

Cross



Triangle

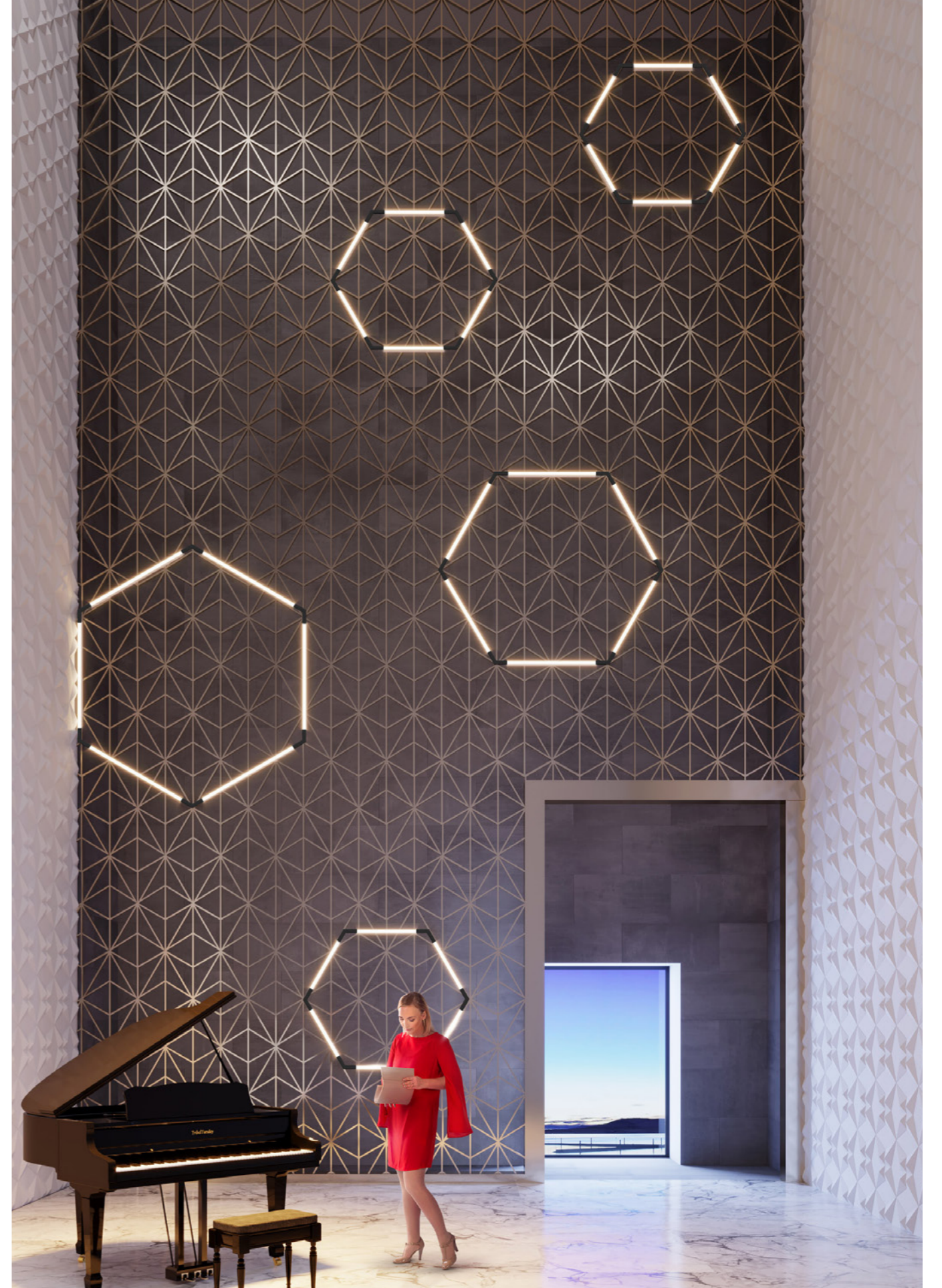


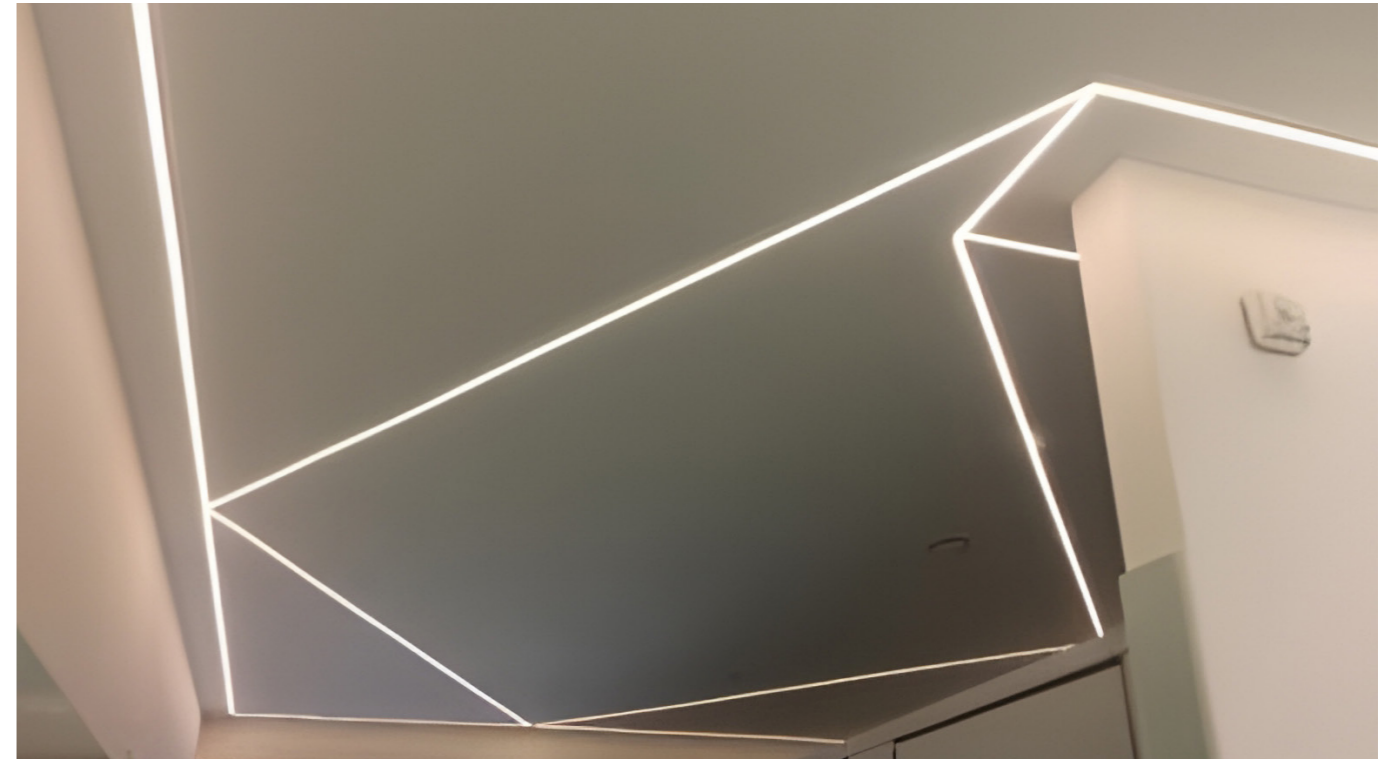
Four sides



Multilateral



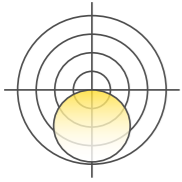




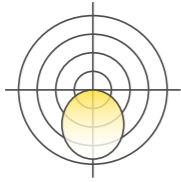
Professional optics

A variety of optical options are available to meet a variety of needs

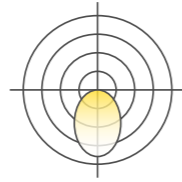
Diffuser
110 & 130LM/W
(100°)



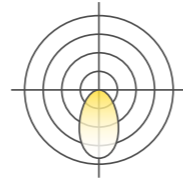
Prismatic
90 & 120LM/W
(65x70°)



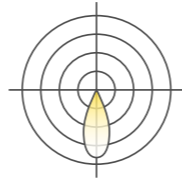
Louver
65LM/W
(65°)



Honeycomb
75LM/W
(60°x75°)



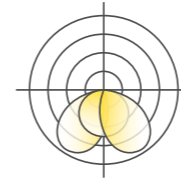
Grating
100LM/W
(18°/30°/45°)



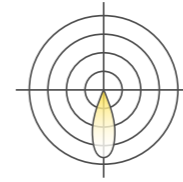
Asymmetric
115LM/W
(100°x45°x15°)



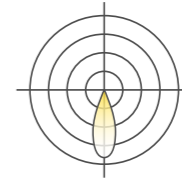
Double Asymmetric
115LM/W
(100°x90°x15°)



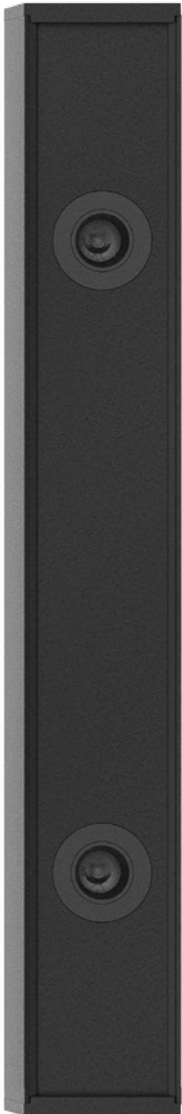
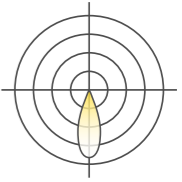
Spotlight
65LM/W
(24°/36°)



Spotlight
65LM/W
(24°/36°)



Spotlight
65LM/W
(24°/36°)



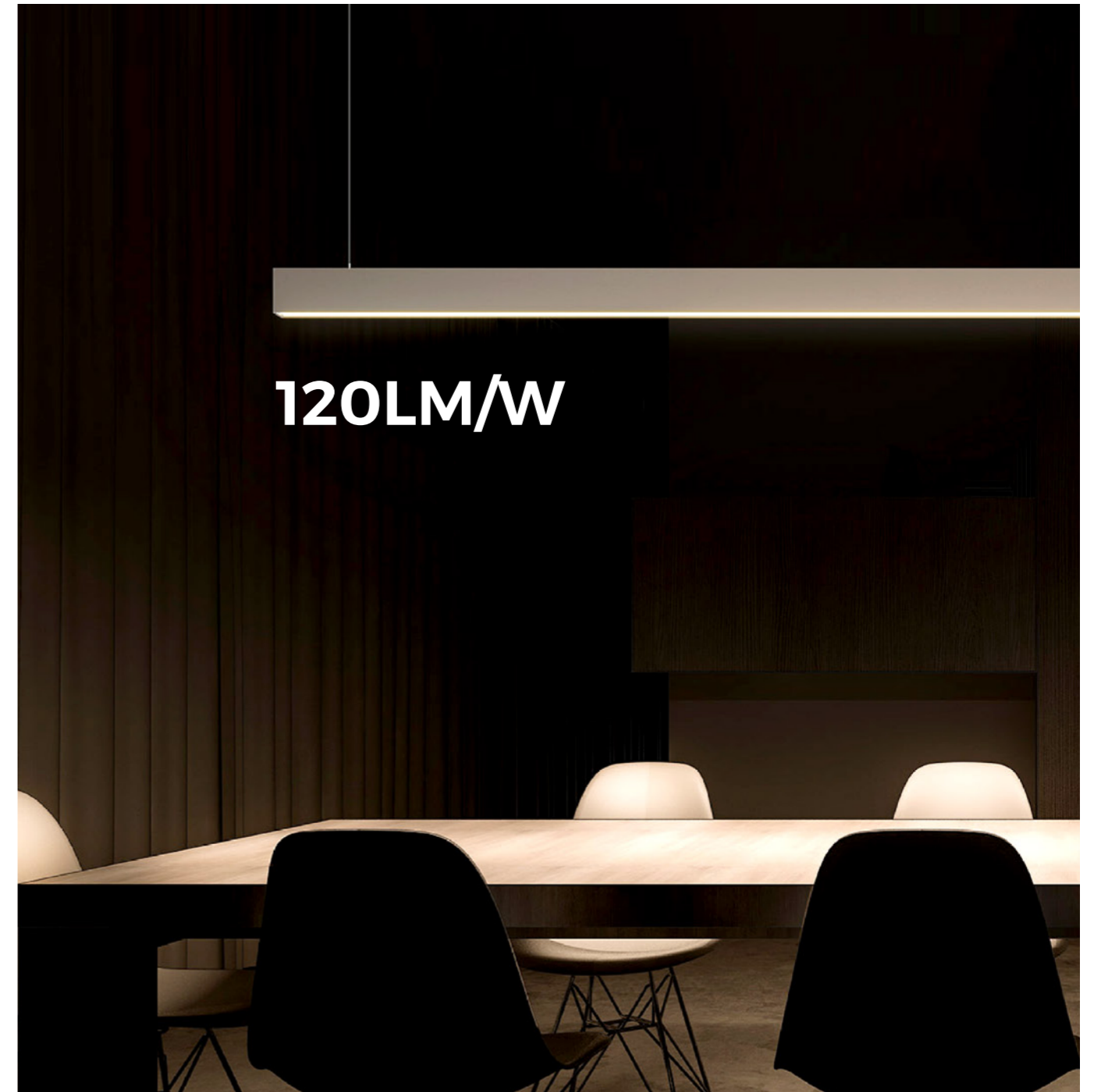
Professional optics

High efficiency and energy saving, high light efficiency, high light output

Diffuser 130LM/W 3700LM/M



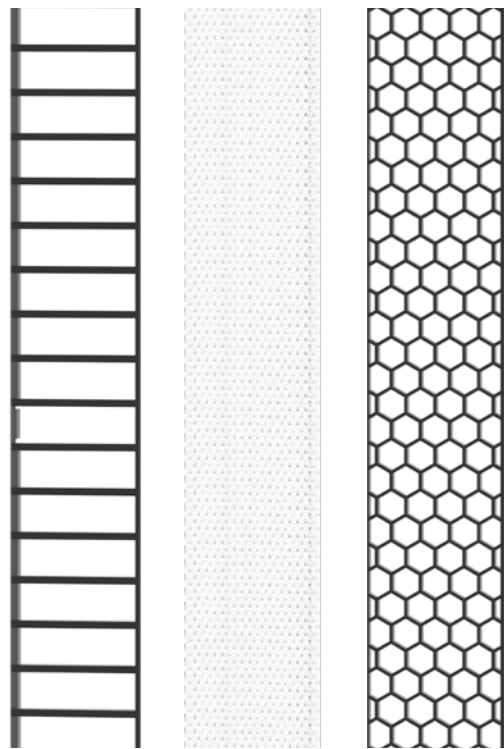
Prismatic 120LM/W 2800LM/M



Professional optics

Low glare

Louver Prismatic Honeycomb



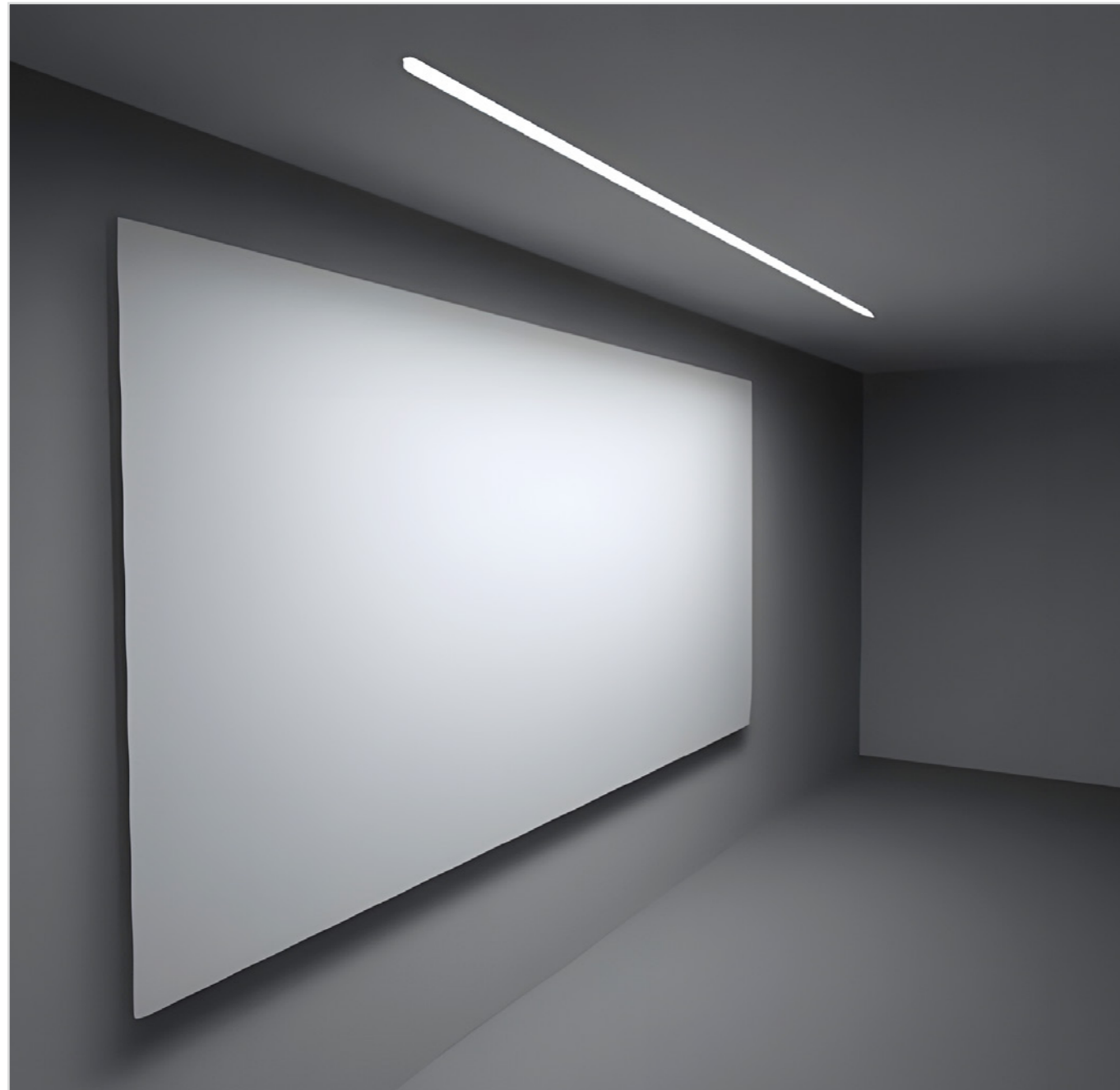
Glare Evaluation

X=4H,Y =8H	S = 0.25 H
Reflection factors	70/50/20
UGR transversal	<19
UGR axial	<19



Professional optics

Asymmetric



115LM/W

Installation height: 2.8m

The distance between the lamp and the wall: 0.35m

100°x45° (polarization angle 15°)

Wall washing height: 2-3 meters, maximum wall illumination: 800lx



Professional optics

Precise light control

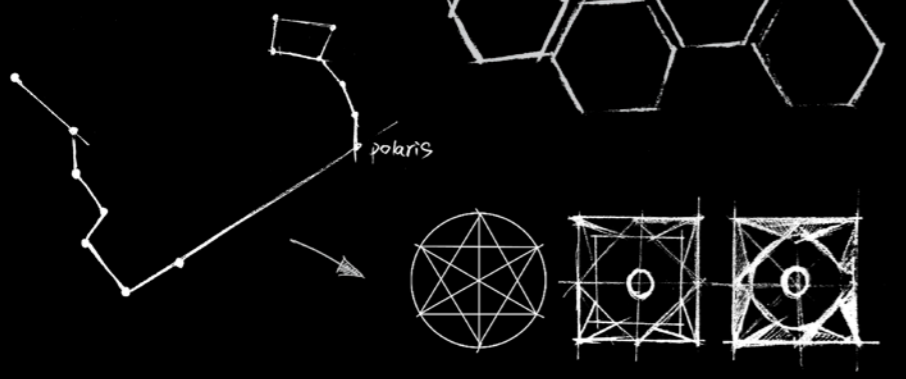


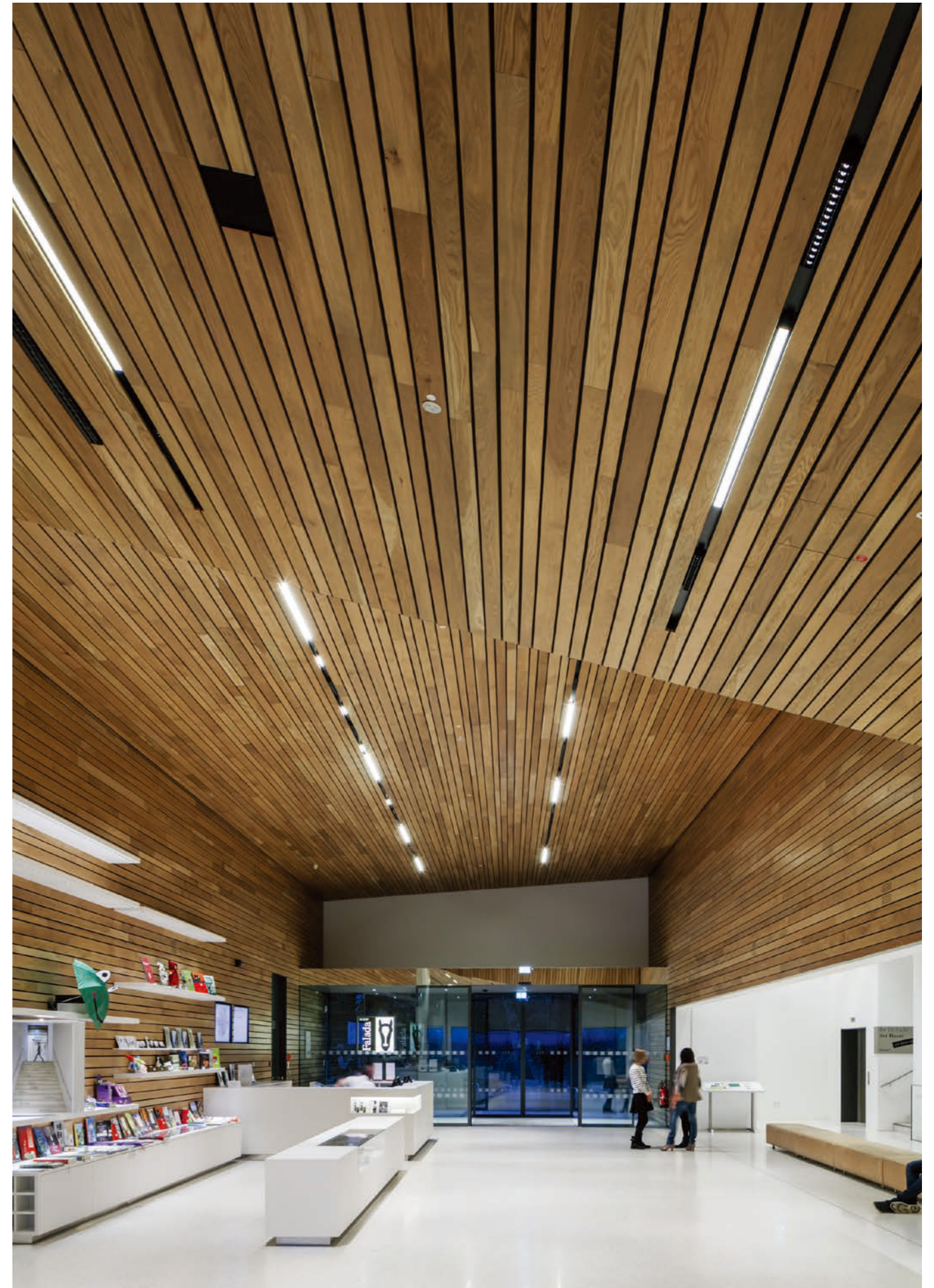
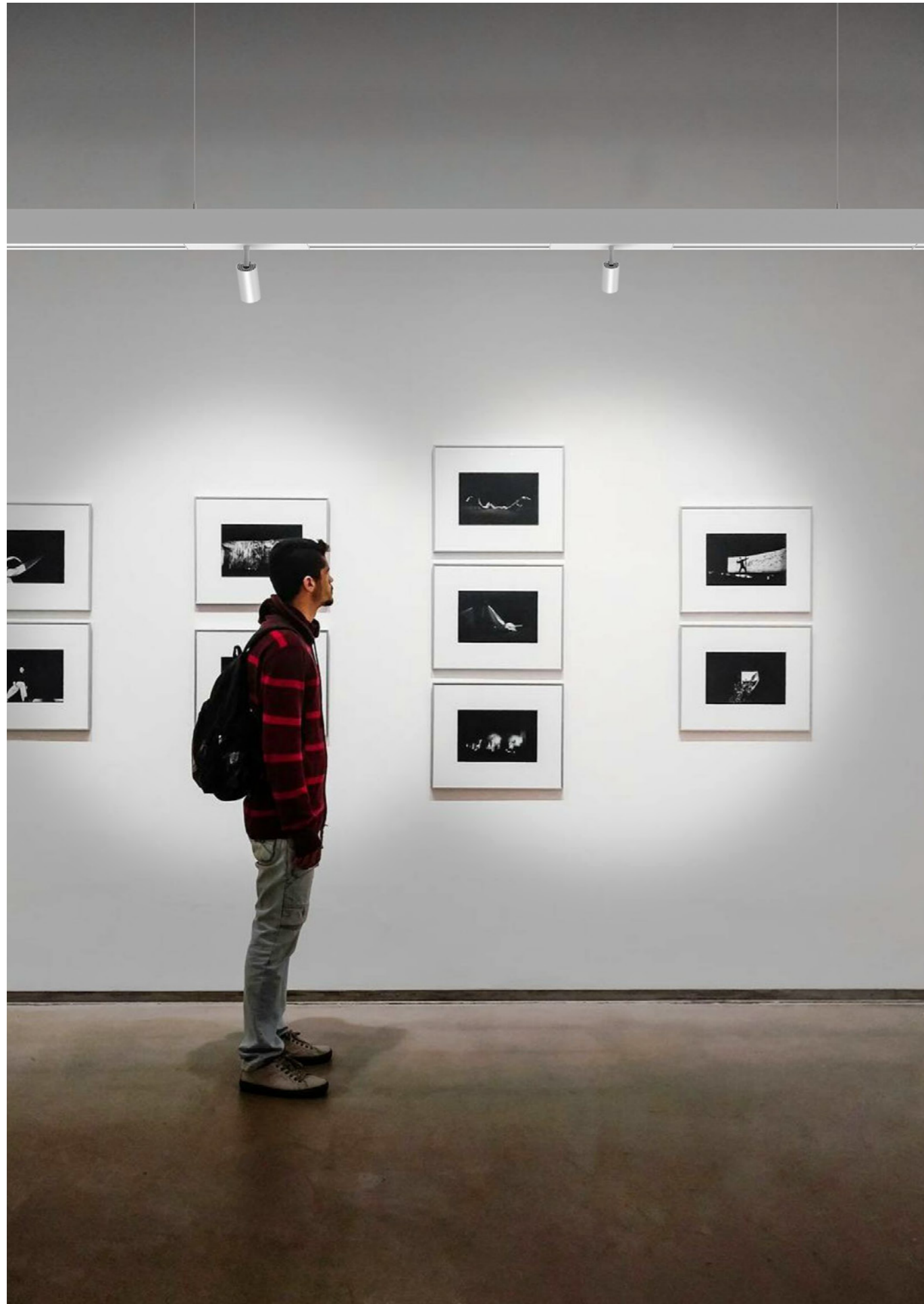
- Precise light control, uniform and soft light output
- UGR<13, 100lm/w (X=4H, Y=8H)



Professional optics

Professional optical design, repeated polishing,
uniform and soft light





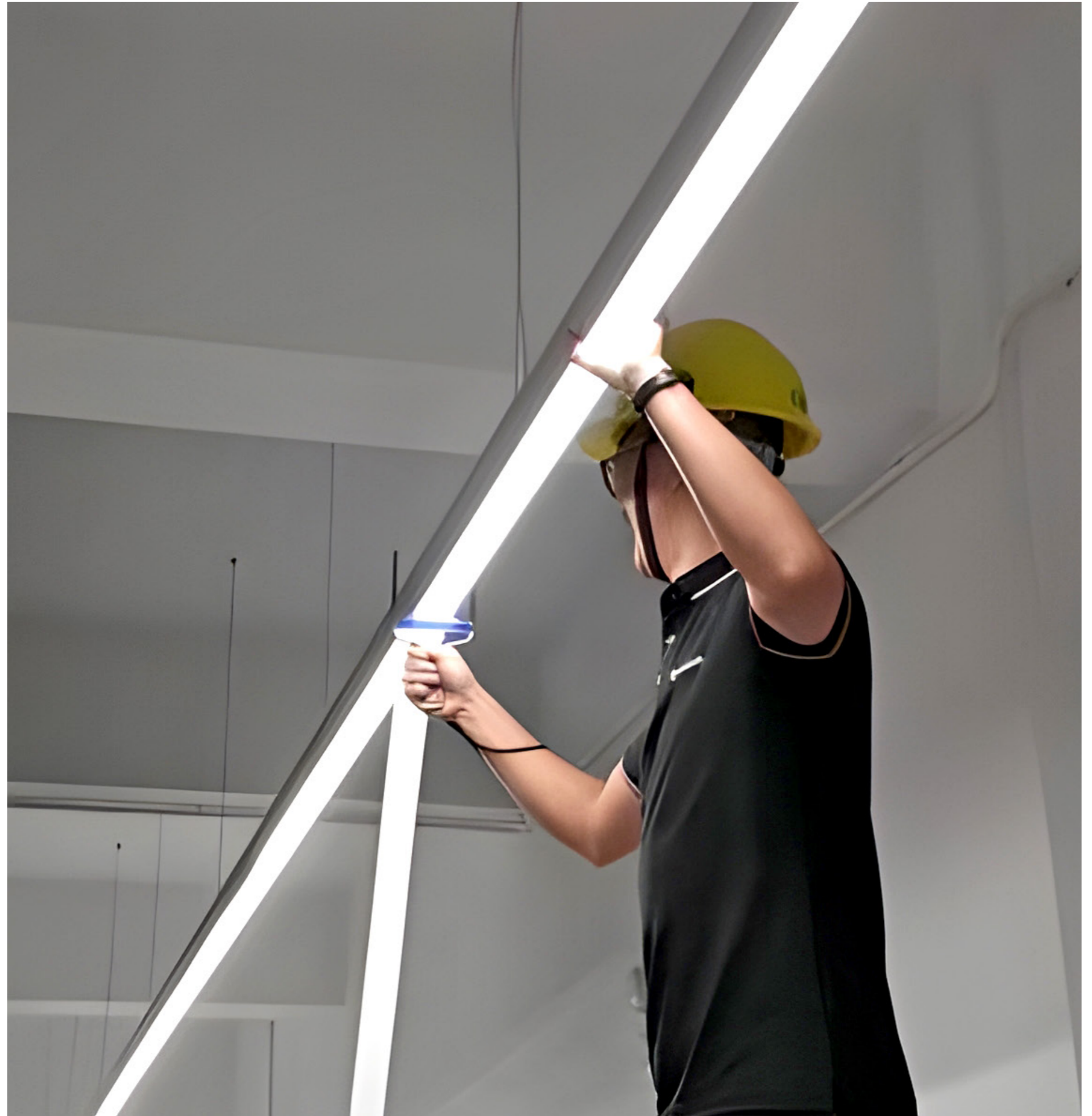
Professional optics

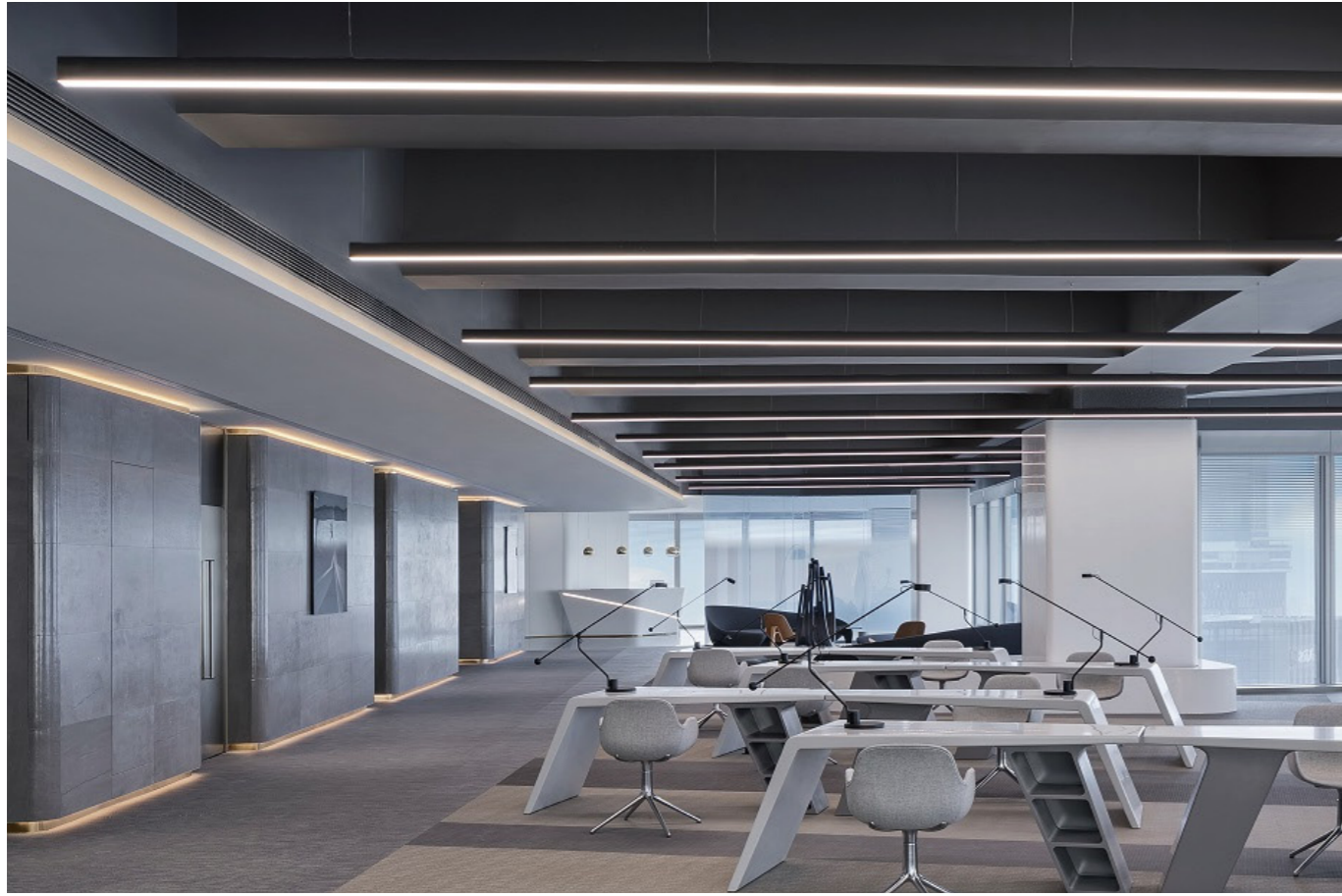
Ultra-long Diffuser



Ultra-long Diffuser

- 20M&50M long mask
- No Light gap, Continuous light





Smart control

Energy saving and environmental protection



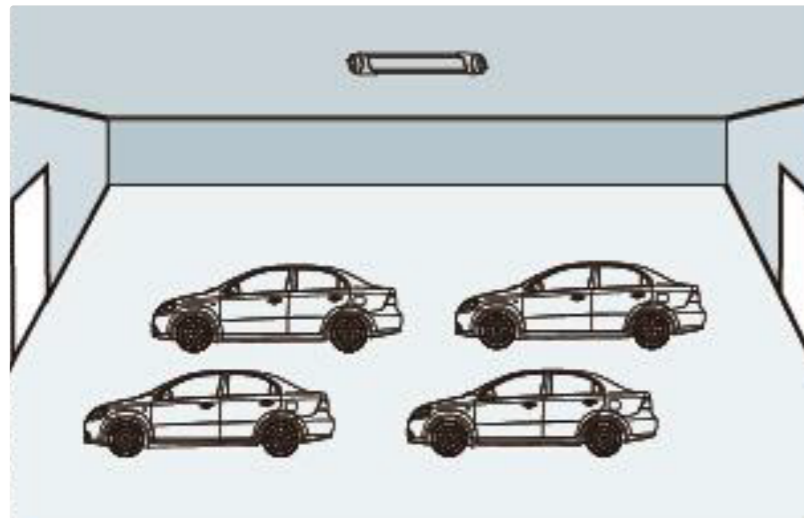
Intelligent control,
energy saving and
environmental
protection

400W

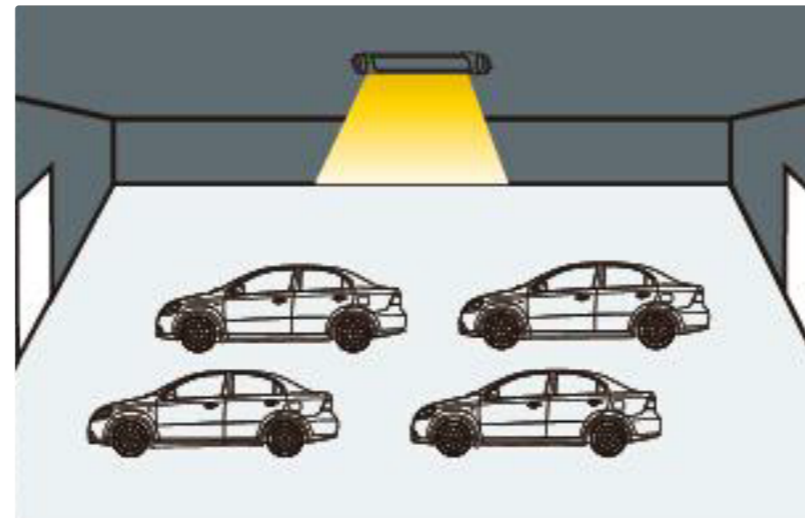
Maximum output
power 400W

4-6M

Detection range
(radius) 4-6m,
installed at 3 meters
high



When the ambient light is sufficient, the luminaire will not turn on even if there is a motion.



When the ambient light is insufficient, the luminaire will turn on when a motion detected.

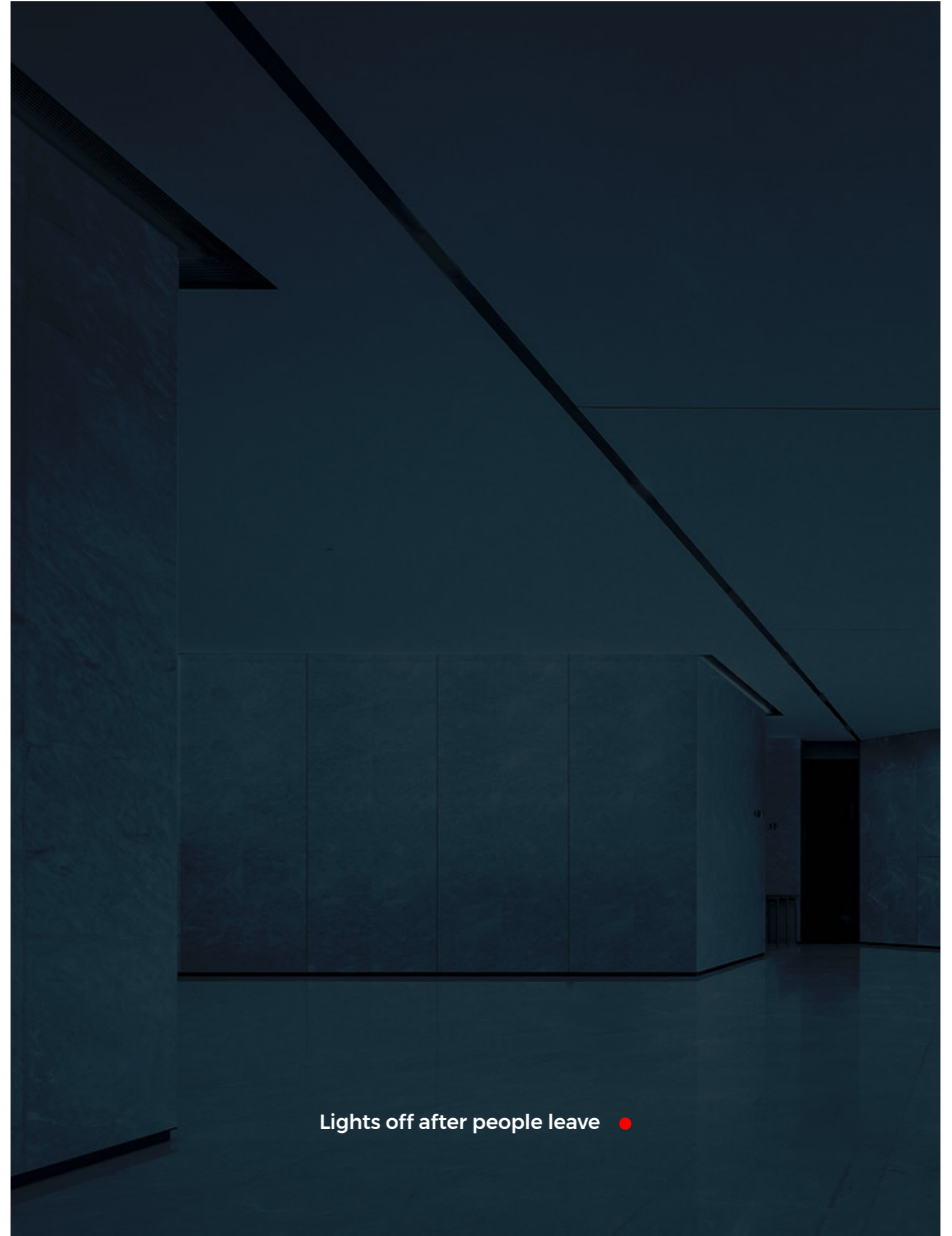


When time-lapse mode ends, the luminaire will turn off if no motion detected.

Note: The utility power needs to be connected to the module after passing through the sensor



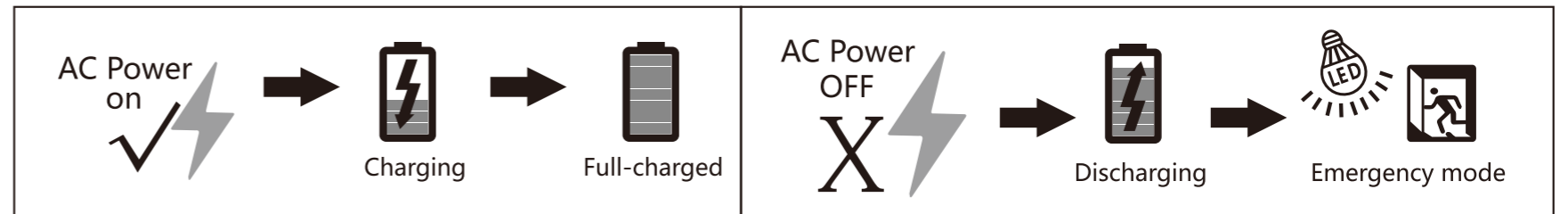
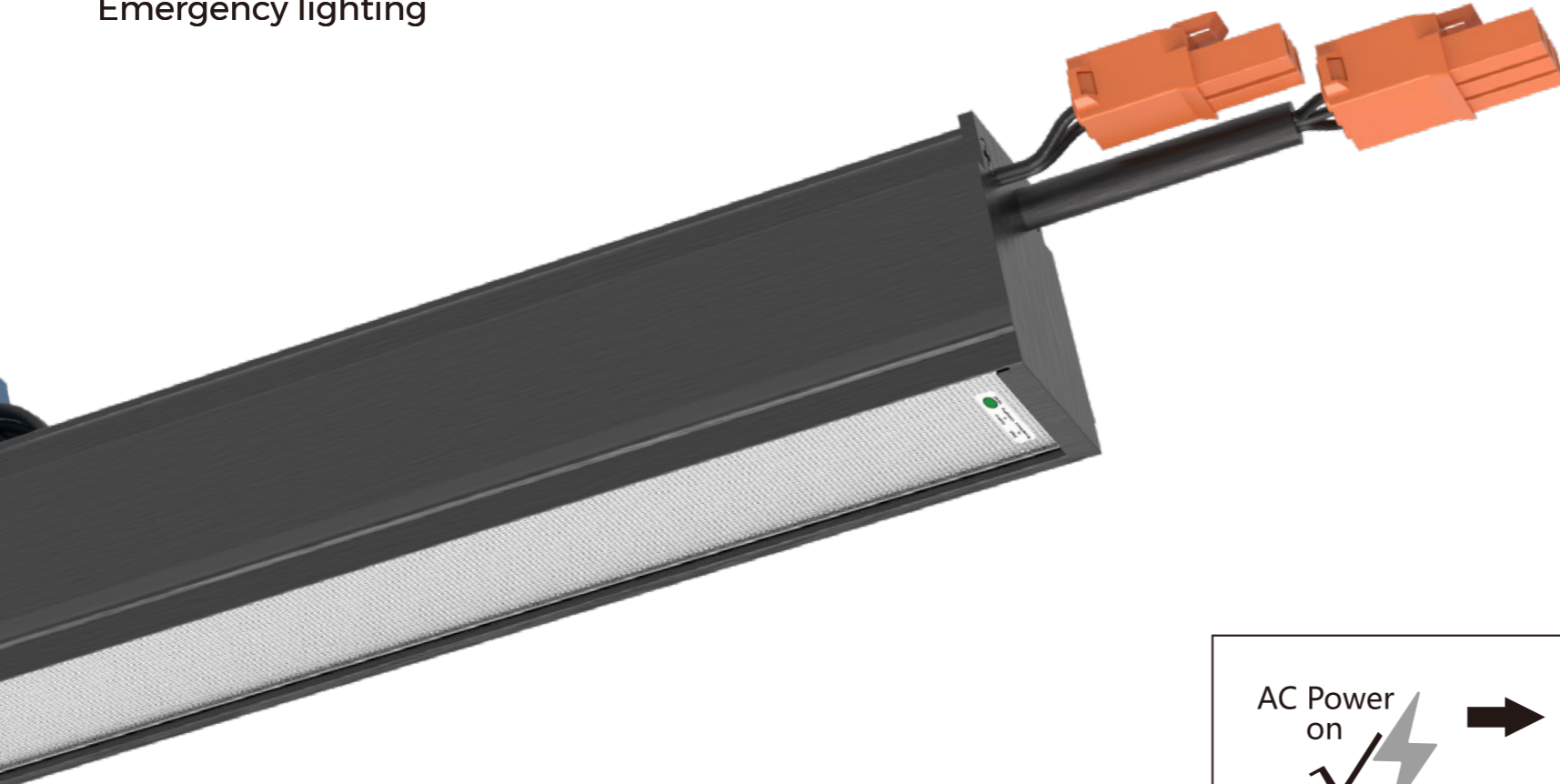
Lights on when people walk in ●



Lights off after people leave ●

Smart control

Emergency lighting



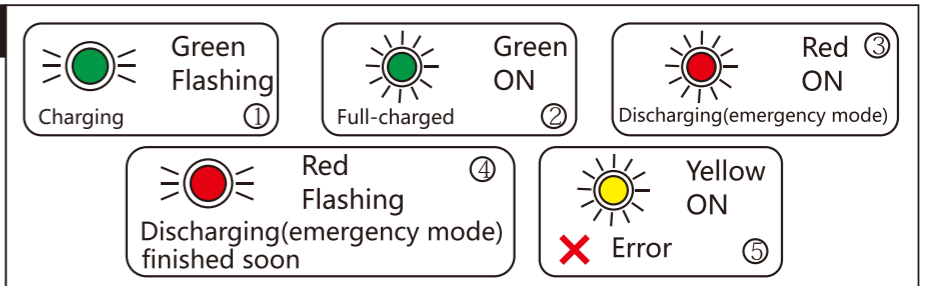
Specifications

Input Voltage	100-277Vac 50/60Hz	Temperature Rating (Ambient)	0°C to+50°C (32°F to 122°F)	Emergency time	3H
AC Input Current	100mA max.	Output Voltage	30-60 Vdc	Output Power	4W
AC Input Power	7.0W max.	Charging Current	≤250mA	Battery	7.4V
Full Warranty	3 Years	Charging Time	≥24Hours	Li-ion battery	2500mAh

- Emergency lighting: 3h
- Emergency light efficiency: ≥120LM/W, 480LM

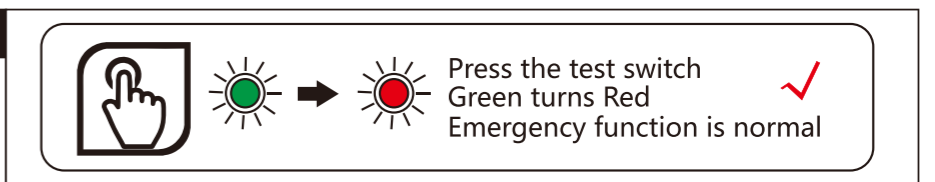
Indicator light introduction

- ① Green/flashing: Charging
- ② Green/on: Full-charged
- ③ Red/on: Discharging(emergency mode)
- ④ Red/flashing: Discharging(emergency mode) finished soon
- ⑤ Yellow/on: Error



Test switch introduction

Press the test switch to confirm whether the emergency function is normal





Smart control

Dual CCT Adjustable



CCT DIP switch, 3-tier dimming, less stock stress 3000/4300/6500 3-tier adjustable.



NO/OFF



1-10V



DALI-2+PUSH

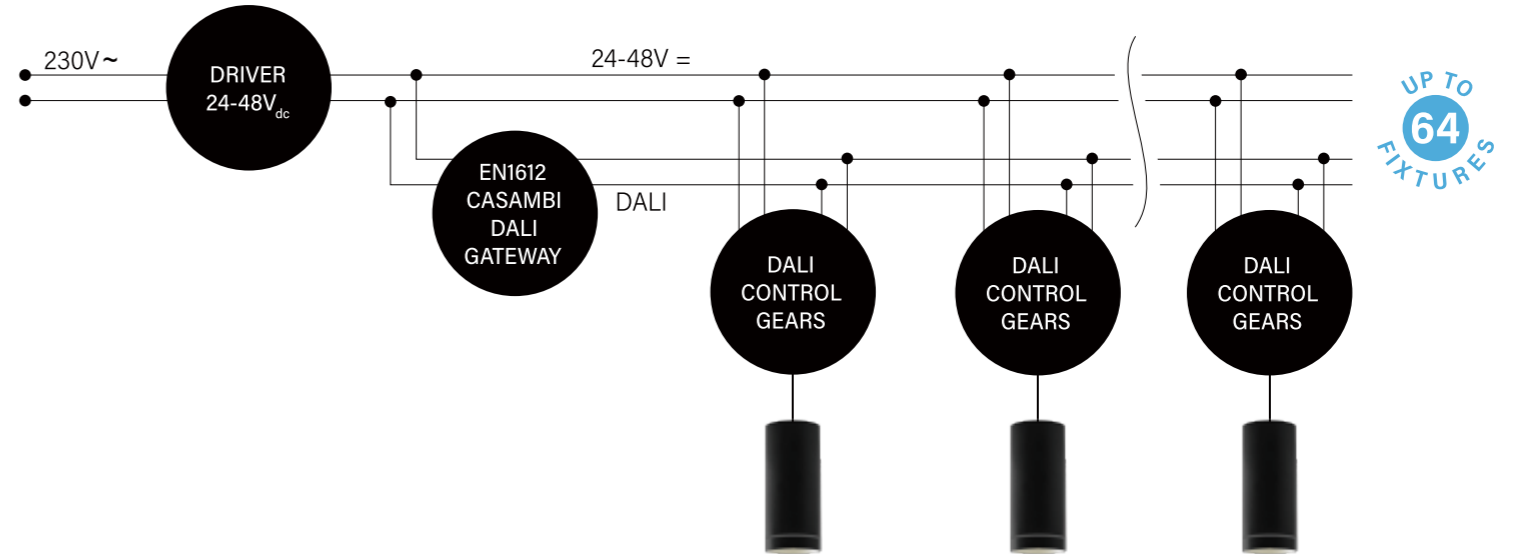


Smart control

CASAMBI Control



Input	24Vdc-48Vdc
Output	Bus DALI 180mA (64 DALI control gears)
Output channels	1
Command	Casambi
Control inputs	-
Power consumption	10W
Highlights	protections against: voltage spikes - input polarity reversal. DALI-2 compatible
Accessories	plastic box
Dimensions	180x42x25mm



Worry-free Quality Warranty

Handpicked international brand Bridgelux&Osram LEDs,
LM80, CE, UKCA certified, 5-year warranty.

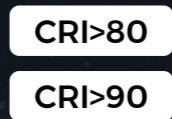
SDCM \leq 3



Brand LEDs

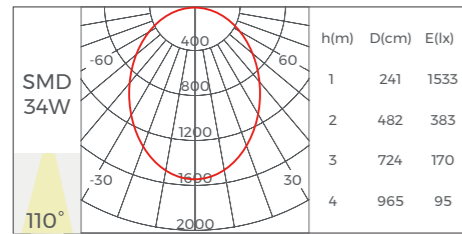
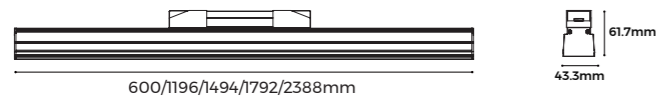
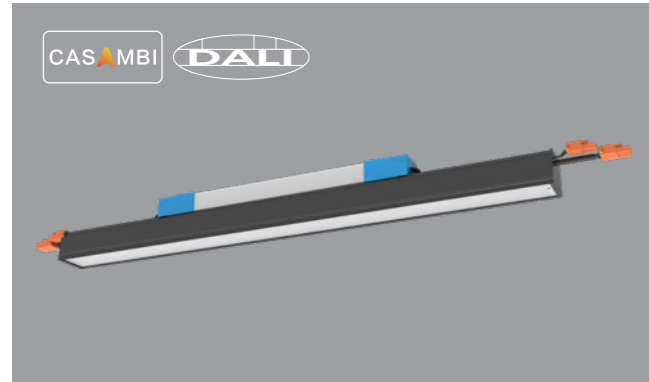


High CRI



S40FD

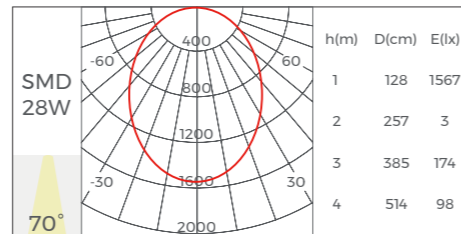
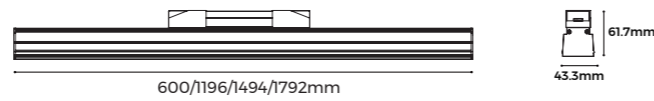
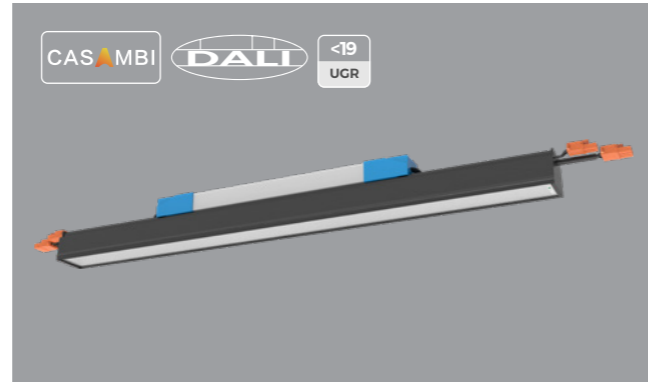
Diffuser



Luminaire Parameters	
Light source	Brigelux 2835\Qizhi 2835
SDCM	≤3 Step(ANSI)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792 2388
Power(w)	17 34 46 51 68
Luminous flux (lm) (Regular model)	1870 3740 5060 5610 7480
Luminous flux (lm) (High-efficiency model)	2210 4420 5980 6630 8840
Light efficiency	110LM/W, 130LM/W
Beam angle	110°
Coating	● Black ○ White
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years (emergency model: 3 years)
Emergency lighting	3H optional
Certification	CE, UKCA, Rohs, Reach

S40FP

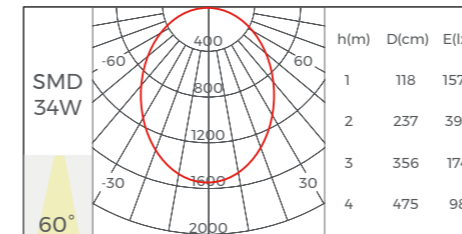
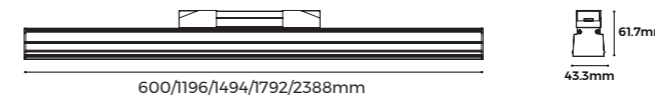
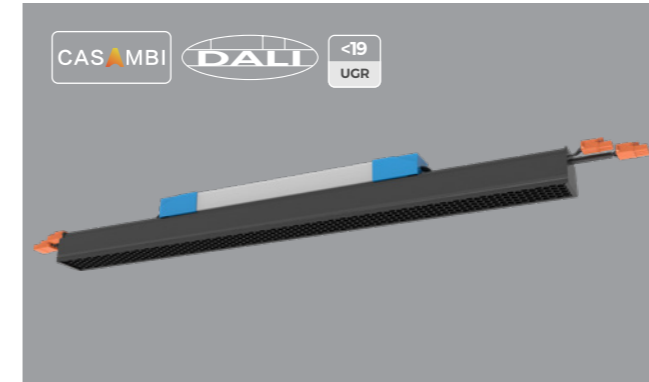
Prismatic



Luminaire Parameters	
Light source	Brigelux 2835
SDCM	≤3 Step(ANSI)
UGR	<19 (X=4H, Y=8H)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792
Power(w)	14 28 34 40
Luminous flux (lm) (Regular model)	1260 2520 3060 3600
Luminous flux (lm) (High-efficiency model)	1680 3360 4080 4800
Light efficiency	90LM/W, 120LM/W
Beam angle	65° X70°
Coating	● Black ○ White
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years (emergency model: 3 years)
Emergency lighting	3H optional
Certification	CE, UKCA, Rohs, Reach

S40HP

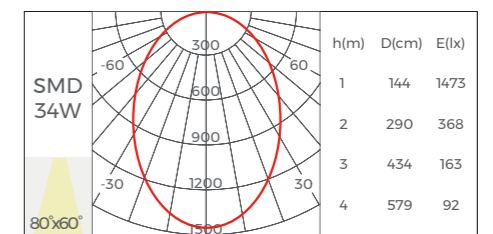
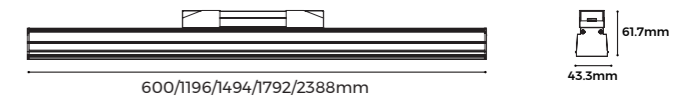
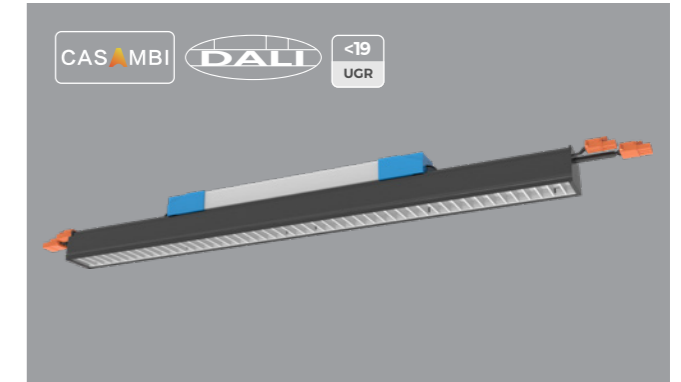
Honeycomb



Luminaire Parameters	
Light source	Brigelux 2835
SDCM	≤3 Step(ANSI)
UGR	<19 (X=4H, Y=8H)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792 2388
Power(w)	17 34 46 51 68
luminous flux(lm)	1275 2550 3450 3825 5100
Light efficiency	75LM/W
Beam angle	60° X75°
Coating	Black ● White ○
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

S40BD

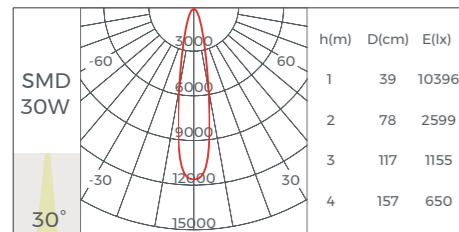
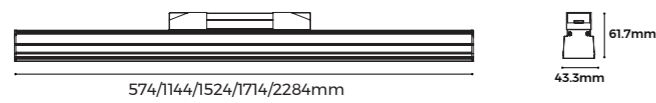
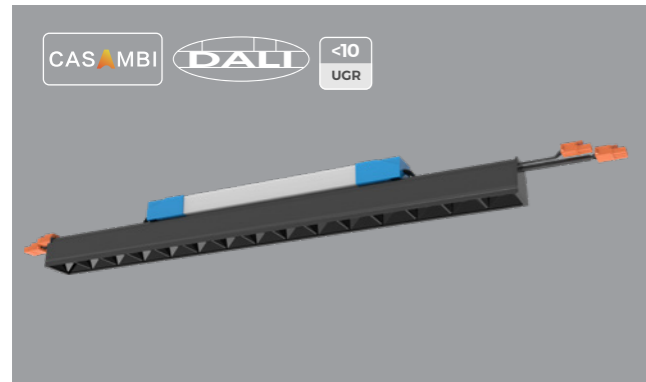
Louver



Luminaire Parameters	
Light source	Brigelux 2835
SDCM	≤3 Step(ANSI)
UGR	<19 (X=4H, Y=8H)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792 2388
Power(w)	14 28 34 40 56
luminous flux	910 1820 2210 2600 3640
Light efficiency	65LM/W
Beam angle	65°
Coating	Black ● White ○
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

S40G

Grating

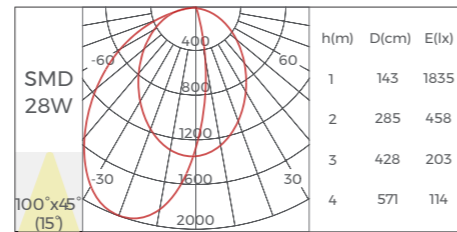
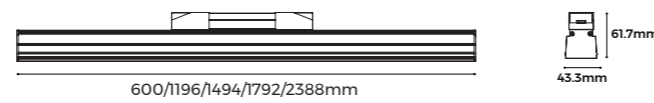
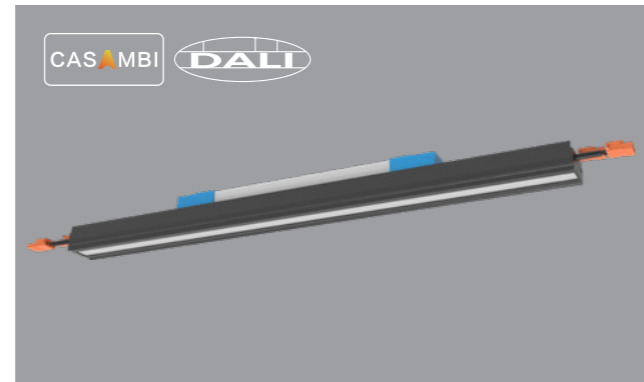


Luminaire Parameters	
Light source	OSRAM 3030+Brigelux COB
SDCM	≤3 Step(ANSI)
UGR	<10
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\2700-6500K
Length(mm)	574 1144 1524 1714 2284
Power(w)	15 30 40 44 60
luminous flux(lm)	1500 3000 4000 4400 6000
Light efficiency	100LM/ W
Beam angle	18° / 30° / 45°
Coating	●Black ○White
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

*The above parameters are based on Ra80, 4000K, 30° Light source

S40LA

Asymmetric

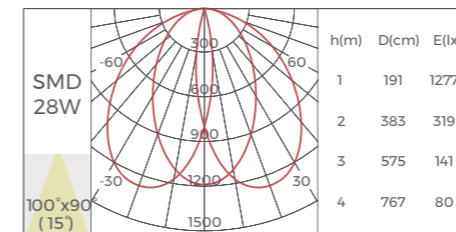
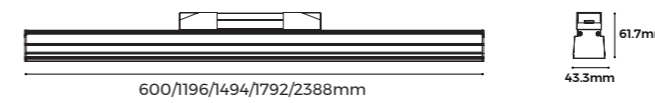
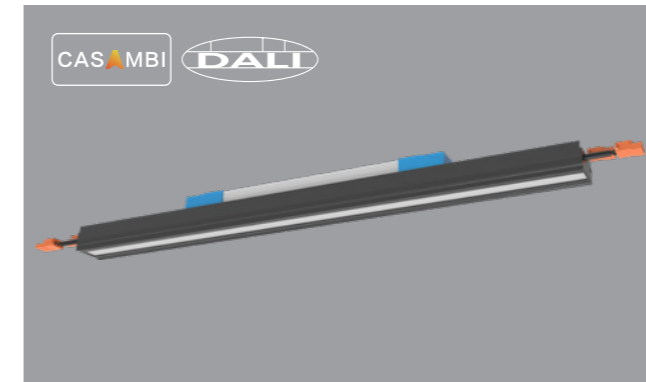


Luminaire Parameters	
Light source	OSRAM 3030+Brigelux COB
SDCM	≤3 Step(ANSI)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792 2388
Power(w)	14 28 34 40 56
luminous flux(lm)	1610 3220 3910 4600 6440
Light efficiency	115LM/ W
Beam angle	(100° x45° x15°)
Coating	Black ● White ○
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

*The above parameters are based on Ra80, 4000K, Light source

S40LS

Double asymmetric

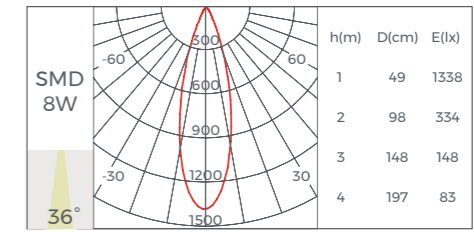
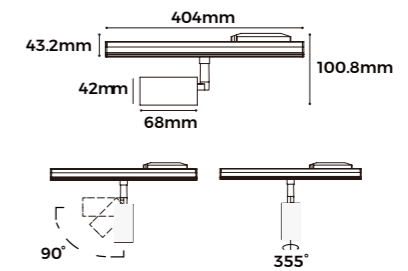


Luminaire Parameters	
Light source	OSRAM 3030+Brigelux COB
SDCM	≤3 Step(ANSI)
CRI	80\90
CCT	2700\3000\3500\4000\5000\6500\3000-6500K
Length(mm)	600 1196 1494 1792 2388
Power(w)	14 28 34 40 56
luminous flux(lm)	1610 3220 3910 4600 6440
Light efficiency	115LM/ W
Beam angle	(100° x90° x15°)
Coating	Black ● White ○
Dimming method	Non/ DALI-2+PUSH/1-10V/ CASAMBI
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

*The above parameters are based on Ra80, 4000K, Light source

S40S-42WA

Spotlight

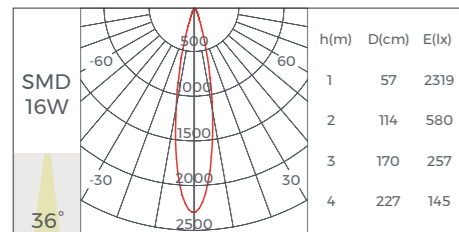
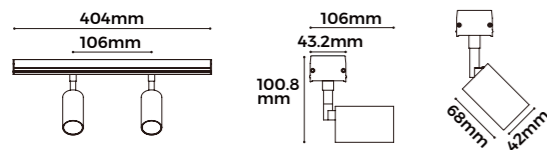


Luminaire Parameters	
Light source	Brigelux COB
SDCM	≤3 Step(ANSI)
UGR	<10
CRI	90
CCT	3000\3500\4000K
Length(mm)	400
Power(w)	8
luminous flux(lm)	520
Light efficiency	65LM/ W
Beam angle	24° / 36°
Coating	Black ● White ○
Dimming method	Non/ DALI-2+PUSH/1-10V optional
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

*The above parameters are based on Ra90, 4000K, 36° Light source

S40S-42WB

Spotlight

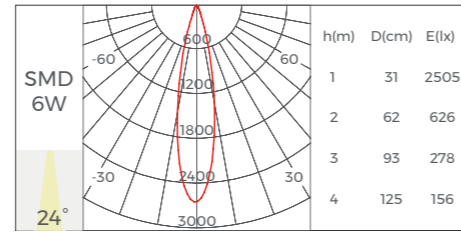
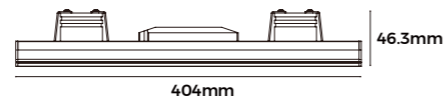
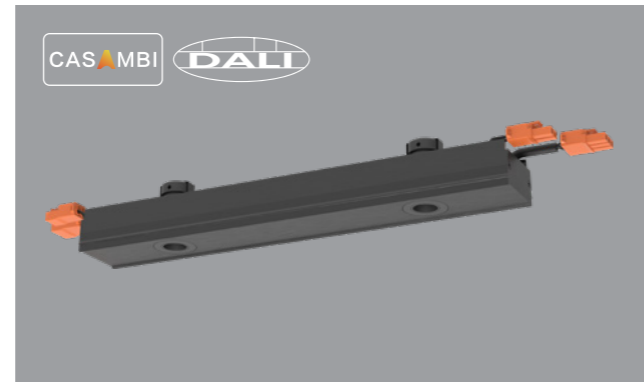


Luminaire Parameters	
Light source	Brigelux COB
SDCM	≤3 Step(ANSI)
UGR	<10
CRI	90
CCT	3000\3500\4000K
Length(mm)	400
Power(w)	16
luminous flux(lm)	1040
Light efficiency	65LM/ W
Beam angle	24° / 36°
Coating	● Black ○ White
Dimming method	Non/ DALI-2+PUSH/ 1-10V optional
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

*The above parameters are based on Ra90, 4000K, 36° Light source

S40S-25RB

Downlight

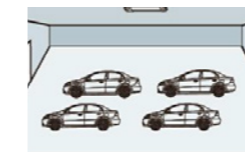
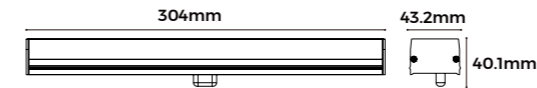
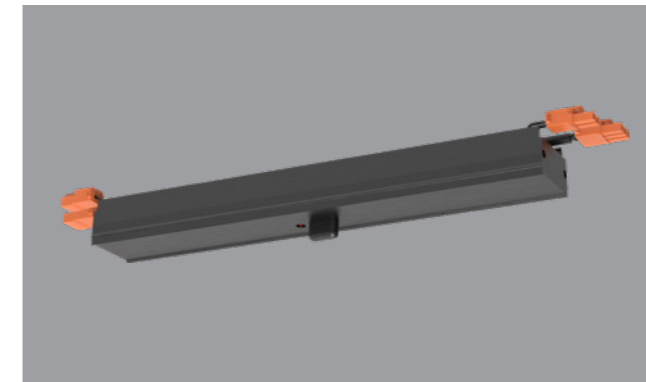


Luminaire Parameters	
Light source	Brigelux COB
SDCM	≤3 Step(ANSI)
UGR	<10
CRI	90
CCT	2700\3000\3500\4000\5000K
Length(mm)	400
Power(w)	6
luminous flux(lm)	390
Light efficiency	65LM/ W
Beam angle	24° / 36°
Coating	● Black ○ White
Dimming method	Non/ DALI-2+PUSH/ 1-10V optional
Input voltage	AC220-240V
Application	Indoor
IP grade	IP20
Warranty	5 years
Certification	CE, UKCA, Rohs, Reach

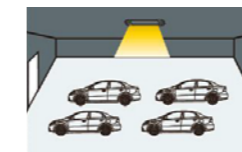
*The above parameters are based on Ra90, 4000K, 24° Light source

CS-S40

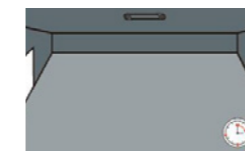
Presence sensor



When the ambient light is sufficient, the luminaire will not turn on even if there is a motion.



When the ambient light is insufficient, the luminaire will turn on when a motion detected.


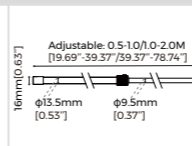

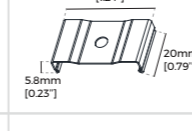






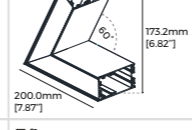

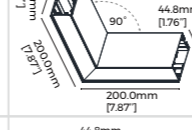

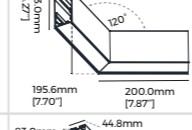

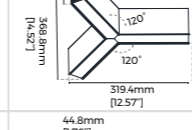

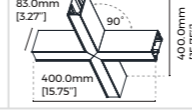


When time-lapse mode ends, the luminaire will turn off if no motion detected.

Luminaire Parameters	
Length(mm)	300
Input voltage	220-240VAC
Power(max)	800W
Hold time	5S/ 30S/ 90S/ 5Min/ 20Min/ 30Min
Detection Area	100%/ 75%/ 50%/ 25%
Daylight Sensor	2lux/ 10lux/ 30lux/ 50lux/ Disable
Detecting Radius	4-6m(mounting height 3m)
Mounting Height	2.5-6 m
Detecting Angle	150°

Product Accessories Information

Picture	Section size	Name	Description	Model	Note
		Presence sensing module	Input:220-240V AC 50Hz/60Hz; Output max:800W; Hold time:5S/30S/90S/ 5Min/20Min/30Min Detection Area:100%/75%/50% /25% Daylight Sensor:2lux/10lux/ 30lux/50lux/Disable Detecting Radius:4-6m (mounting height 3m) Mounting Height:2.5-6 m Detecting Angle:150° Size:L299*W53.8*H38.7mm [Inch Size:L11.77"*W2.12"*H1.52"]	CS-S40	/
		Track	Material:AL6063-T5 Surface processing:Spraying Size:L2500*W45*H83mm [Inch size:L98.43"*W1.77"*H3.27"]	PR-LS40	Pendant / Ceiling track
		Track cover	Material:AL6063-T5 Surface processing:Spraying Size:L2500*W42.6*H29.6mm [Inch size:L4.72"*W2.36"*H2.05"]	CV-S40FB	Track accessory
	/	Flexible Diffuser	Material:PC Light transmittance:≥75% Size:L20000/50000*W37.8* H6.7mm [Inch size:L787.4/1968.5"*W1.49"* H0.26"]	CV-LS40FB	Diffuser accessory
		Track end cap	Material:AL6063-T5 Surface processing:Spraying Size:L83*W45*H11.5mm [Inch size:L3.27"*W1.77"*H0.45"]	EC-LS40	End cap accessories
		Track cover end cap	Material:AL6063-T5 Surface processing:Spraying Size:L42.6*W22.7*H2.0mm [Inch size:L1.68"*W0.89"*H0.08"]	EC-S40	
		Splicing bar (external)	Size:L110*W15.5*H11.7mm [Inch size:L4.33"*W0.61"*H0.46"]	EX-41	Splicing accessories
		Splicing bar (internal)	Material:AL6063-T5 Size:L135*W41.4*H42.2mm [Inch size:L5.31"*W1.63"*H1.66"]	EX-46	
	/	Pendant cable (with junction box)	Junction box L80*W80*H30mm [Inch Size:L3.15"*W3.15"*H1.18"] Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"]	PY-D	Pendant / Ceiling track installation accessory
	/	Pendant cable	Steel cable D1.5*2000/4000mm [Inch Size: D0.06"*78.74"/157.48"]	PN-D	

Picture	Section size	Name	Description	Model	Note
		Track pendant rod	Material:Fe Size:φ13.5*(500/1000)mm [Inch size:φ0.53"*(19.69"/39.37")] Other:0.5-1.0/1.0-2.0M adjustable [19.69"-39.37"/39.37"-78.74"]	PG-1	Pendant / Ceiling track installation accessory
		Pendant installation clip	Material:PC Size:L31.6*W20mm*H5.8mm [Inch size:L1.24"*H0.79"*H0.23"]	CP-44	
	/	Surface mounted buckle	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	CL-08	Power feed cable
	/	No Dimming line 1m/2m	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	1m: CM-11 2m: CM-13	
	/	Dimming line 1m/2m	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	1m: CM-12 2m: CM-14	
	/	2m 1-in-2-out power feed cable	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	CM-15	
	/	0.2m corner connection cable	Size:L72*W54*H5.9mm (Inch Size:L2.83"*W2.13"*H0.23")	CM-16	
		L-shaped corner (60°)	Material:AL6063-T5 Size:L200*W173.2*H83.0mm [Inch size:L7.87"*W6.82"*H3.27"]	L60-LS40	Pendant / Ceiling track corner accessories
		L-shaped corner (90°)	Material:AL6063-T5 Size:L200*W200*H83.0mm [Inch size:L7.87"*W7.87"*H3.27"]	L90-LS40	
		L-shaped corner (120°)	Material:AL6063-T5 Size:L200*W195.6*H83.0mm [Inch size:L7.87"*W7.70"*H3.27"]	L120-LS40	
		Y-shaped corner	Material:AL6063-T5 Size:L368.8*W319.4*H83.0mm [Inch size:L14.52"*W12.57"*H3.27"]	Y120-LS40	
		X-shaped corner	Material:AL6063-T5 Size:L400*W400*H83.0mm [Inch size:L15.75"*W15.75"*H3.27"]	X90-LS40	



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