

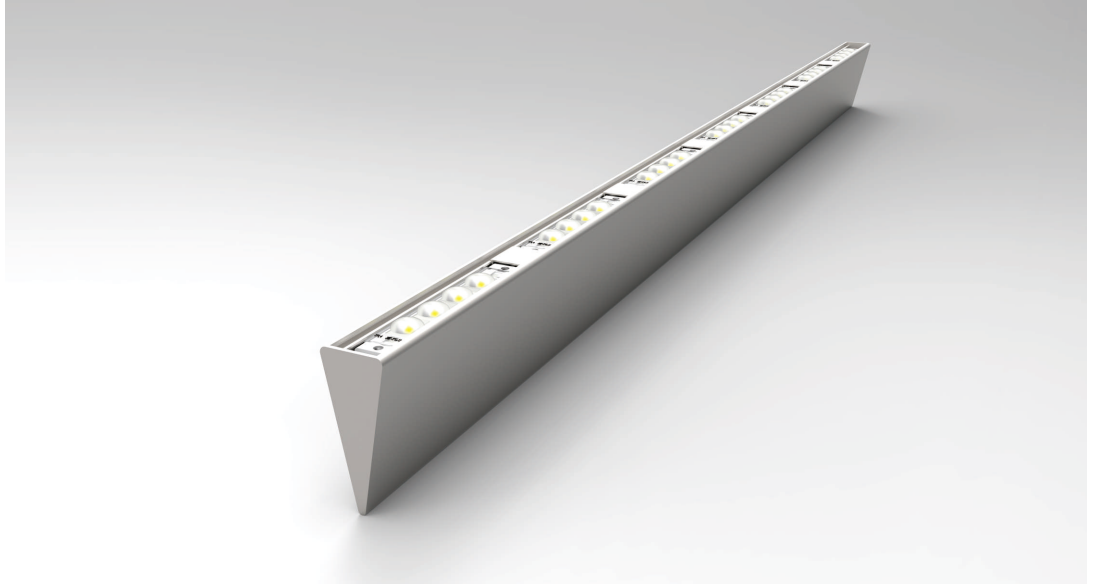
We design, build and deliver incredible

Ceilingwash

Specifications

Flèche S ceiling wash

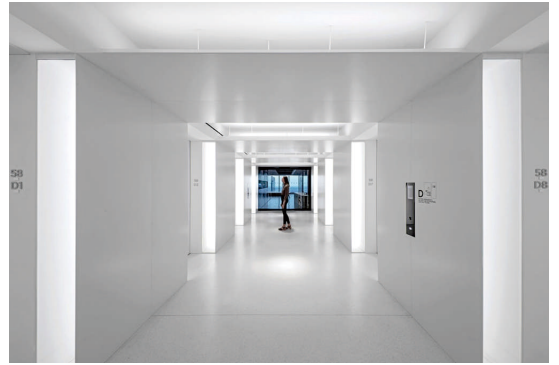
Photos



Applications



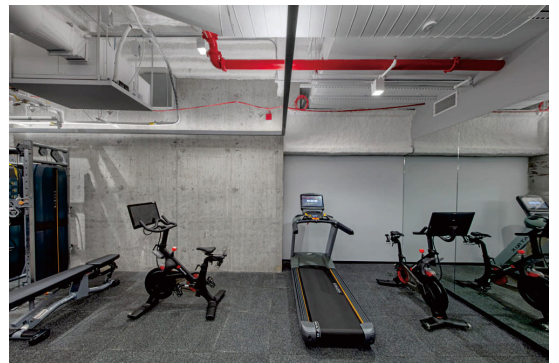
Lobby



Corridors

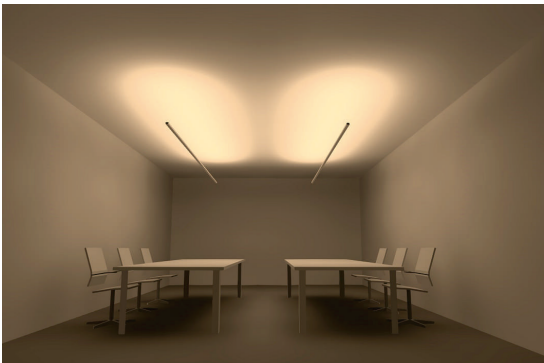


Hospitality

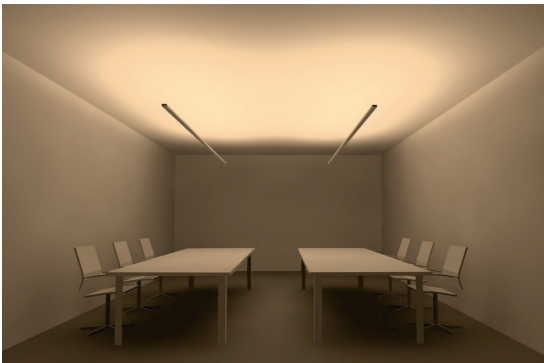


Fitness center

Comparison

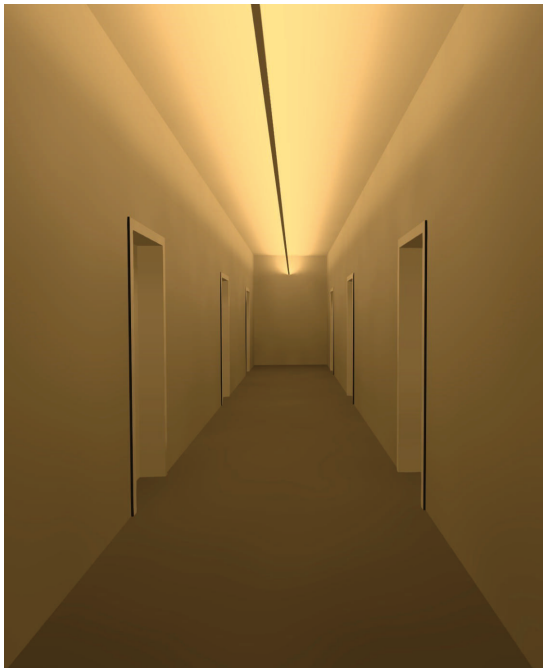


LED Strip:2000lm/meter.17.9w/m.View angle:120degree.
Ra>80.3000K

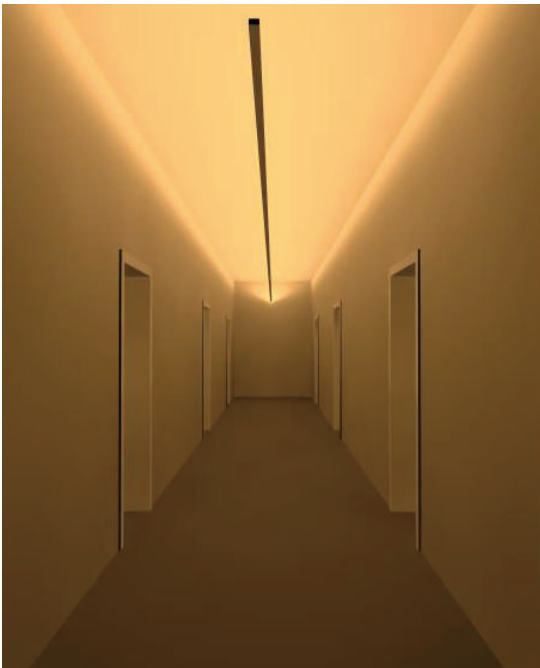


Flèche:1982lm/meter.16.8w/m.View angle:160degree.
Ra>93.3000K

Note:Office dimension:L8m*W5m*H2.8m Distance from ceiling *0.5m



LED Strip:2000lm/meter.17.9w/m.View angle:120degree.
Ra>80.3000K



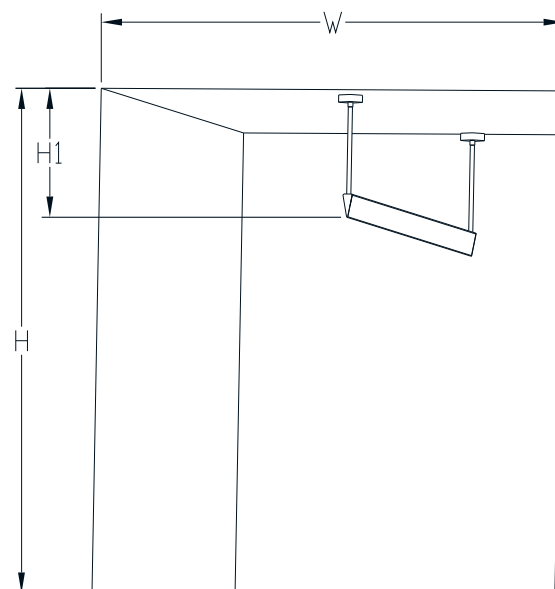
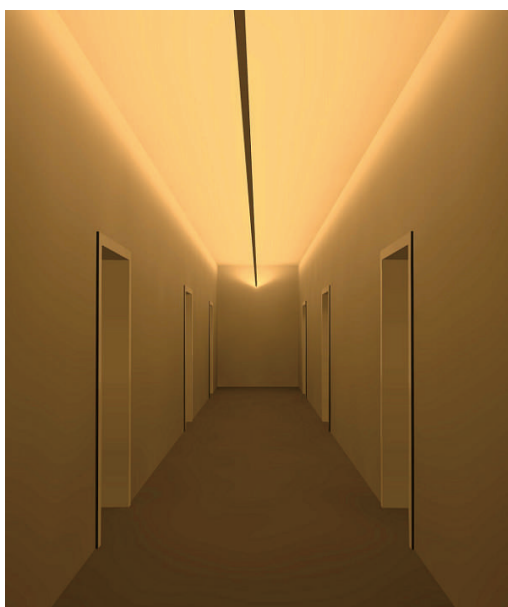
Flèche:1982lm/meter.16.8w/m.View angle:160degree.
Ra>95.3000K

Note:Corridor dimension:L11m*W2m*H3m Distance from ceiling *0.3m

Features

Modern, unobtrusive, slim, stylish, elegant design enhance the interior architecture.
 outstanding uniformity
 Optimal visual comfort
 Create a high and spacious impression of the room space
 Ultra compact housing made of extruded aluminium with integrated driver
 Stand-alone and continuous lines up to Max 30 meters
 Easy installation with push-in connectors and through wiring and wall mounted
 Replaceable LED module with optic
 Invisibly screw-fitted plastic end pieces painted in luminaire colour in silver
 No Cove and No ceiling

Space dimensions and illumination distributions



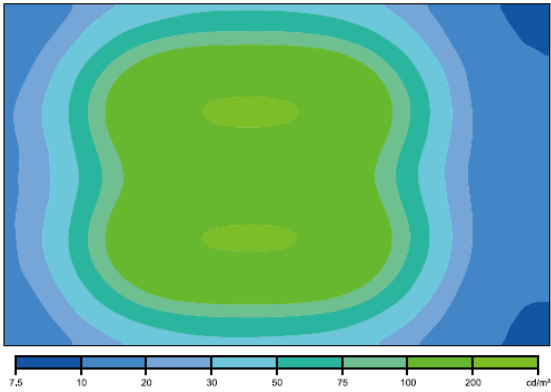
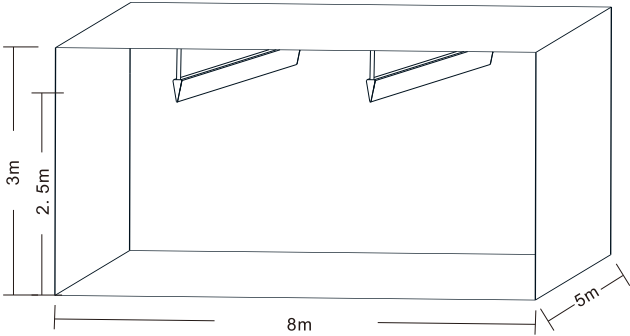
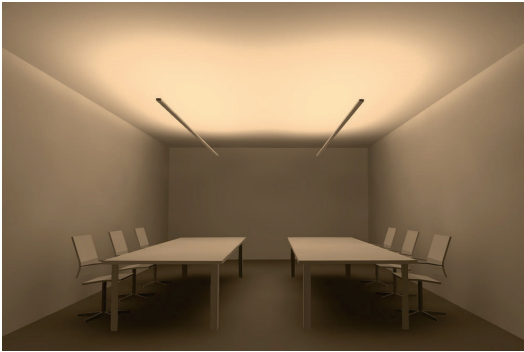
Distance to ground: 2.080 m to 2.400 m, Reflection rate: Ceiling 70.0%, Wall 50.0%, Ground 20.0%, Maintenance factor: 0.80

H (m)	H1 (m)	W (m)	Ground illuminance (lux)	Ground uniformity	Ceiling illuminance (lux)	Ceiling uniformity
2.8	0.3	0.8	235	0.63	1567	0.63
2.8	0.3	1.6	265	0.60	1023	0.29
2.8	0.3	2.0	259	0.60	842	0.21
2.8	0.5	0.8	198	0.61	1168	0.68
2.8	0.5	1.6	239	0.62	853	0.53
2.8	0.5	2.0	240	0.60	742	0.46

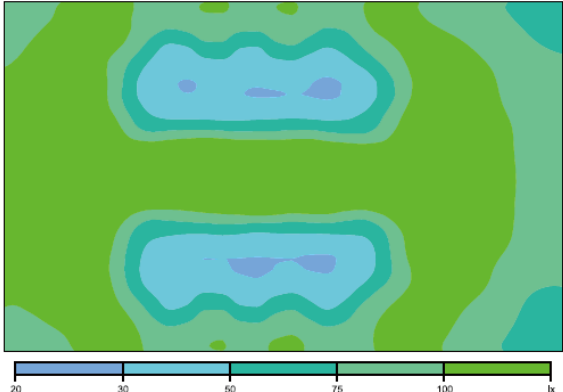
Specifications

Flèche S ceiling wash

Space dimensions and illumination distributions

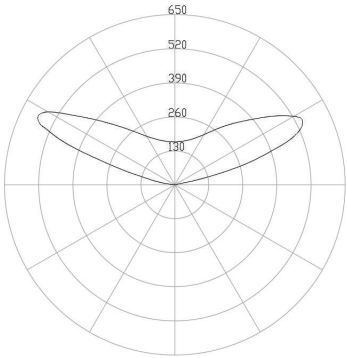


Ceiling false colors



Ground false colors

Lighting Distribution



1m	20.96, 164.21x	963.63cm
2m	5.239, 41.051x	1927.26cm
3m	2.328, 18.241x	2890.89cm
4m	1.310, 10.261x	3854.52cm
5m	0.8382, 6.5671x	4818.16cm
6m	0.5821, 4.5611x	5781.79cm
7m	0.4277, 3.3511x	6745.42cm
8m	0.3274, 2.5651x	7709.05cm
9m	0.2587, 2.0271x	8672.68cm
10m	0.2096, 1.6421x	9636.31cm

Specifications

Flèche S ceiling wash

Distance from wall



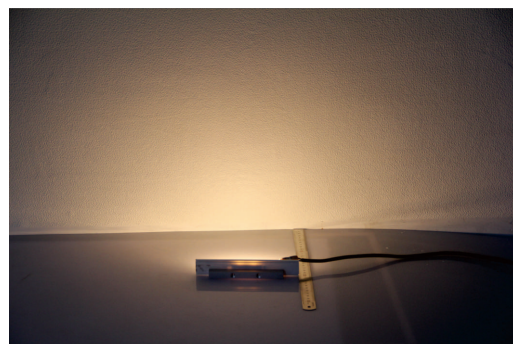
50mm



100mm



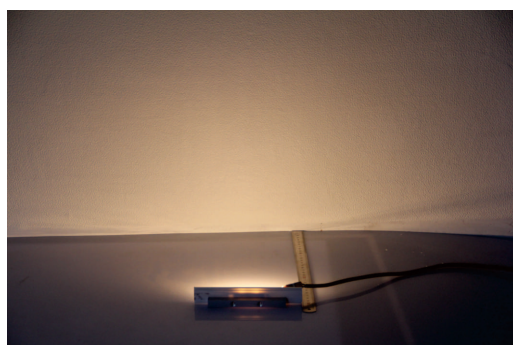
150mm



200mm



250mm



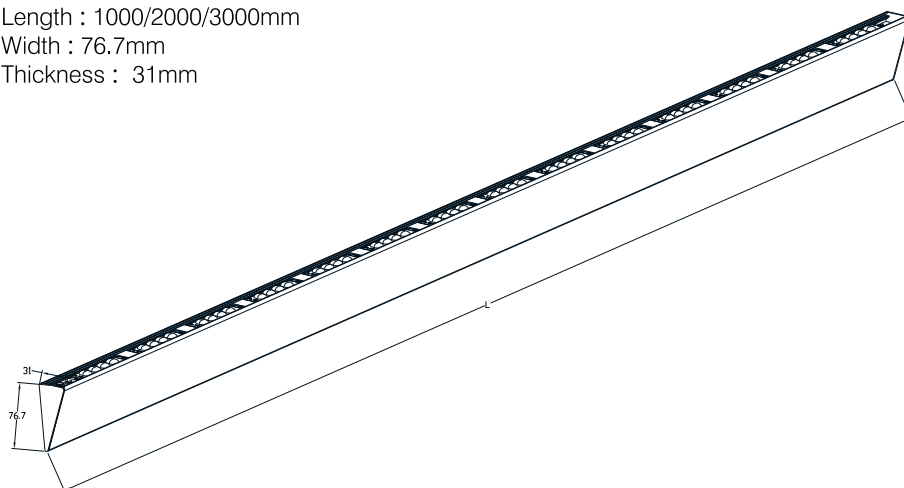
300mm

Specifications

Flèche S ceiling wash

Dimensions

Length : 1000/2000/3000mm
Width : 76.7mm
Thickness : 31mm



Electrical Characteristics

Part No	FCS100	FCS200	FCS300
Voltage Range(V)	AC220V		
Reverse Voltage(V)	24V		
Power /pc (W)	16.8	33.6	50.4
Max Run Length(m)	1	2	3
Technology	Integrated current source		

Optical Characteristics

Lumen/unit	1988	3976	5964
Efficiency(lm/w)	118		
Beam Angle	160 degree		
CRI	90		
MacAdam ellipse	3SDCM		
Ra	93		
R9	50		
Available Colors	2000k/2700K/3000K/3500K/4000K/5000K/6500K		

Construction

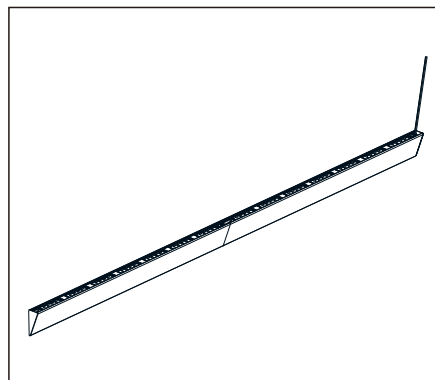
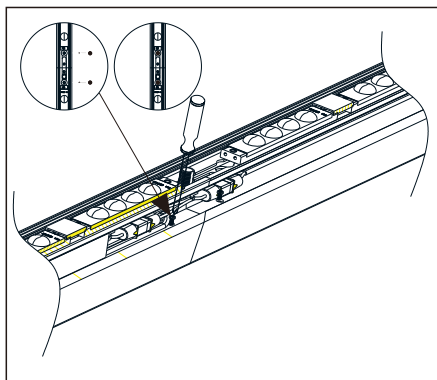
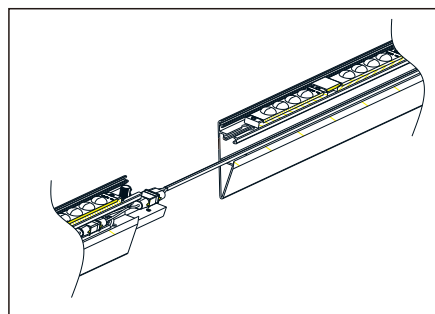
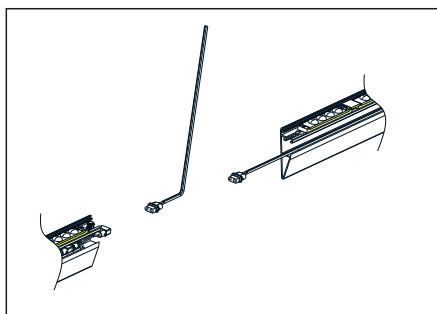
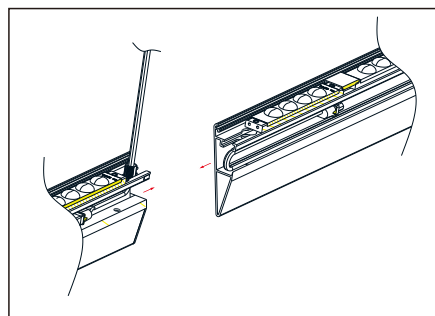
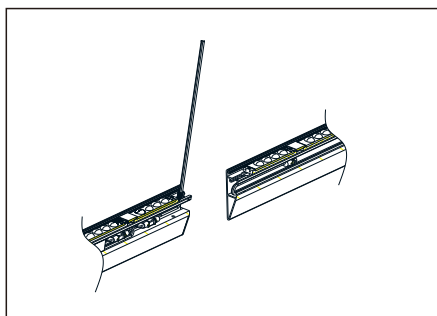
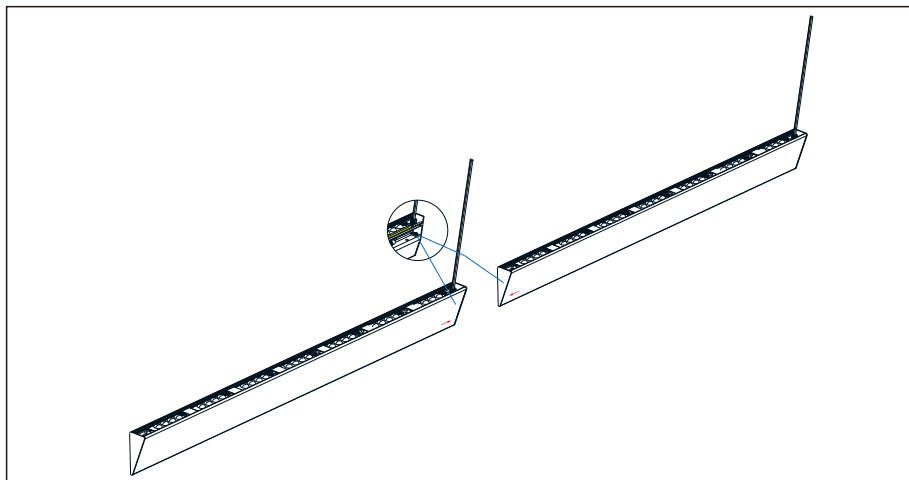
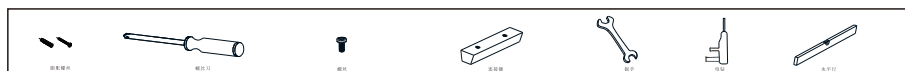
Body	Aluminum Profile/PC lens/Aluminum pcb/PVC base/3M VHB Tape		
Max distance in series	30		
Weigh/pcs(g)	1200	2400	3594

Dependability

Warranty	3 years		
IP	54		
Flame Resistance	UL94		
UV Exposure	ASTMG 154, ISO 4892-3, UVA@340nm		

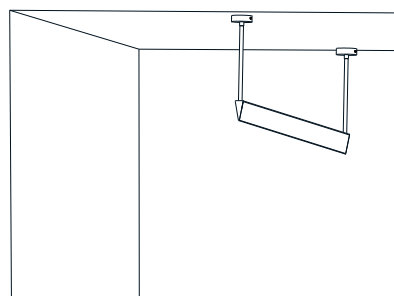
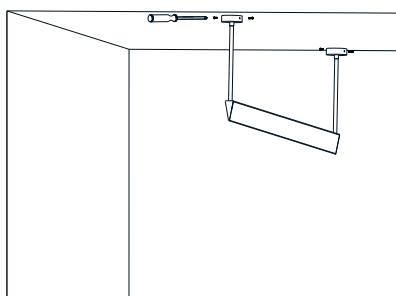
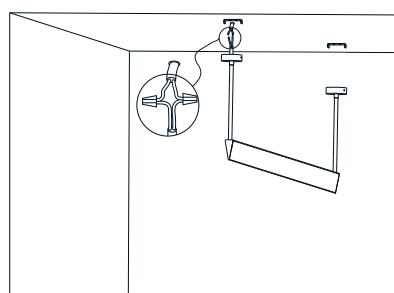
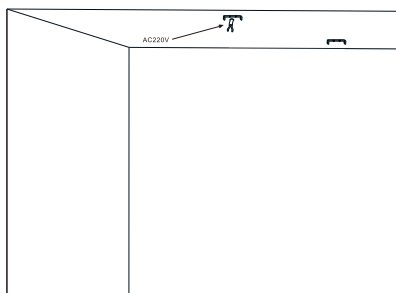
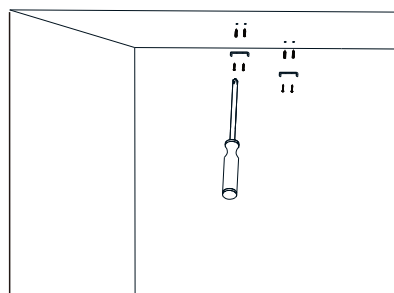
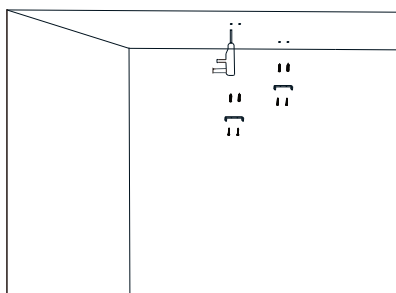
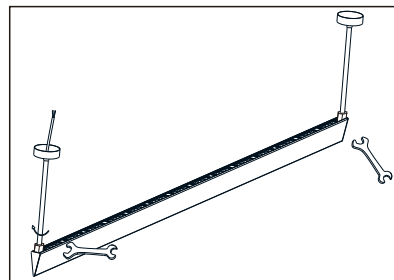
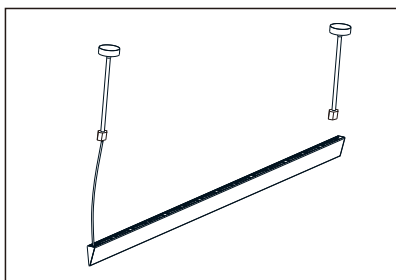
Specifications | Flèche S ceiling wash

Installation



Specifications

Flèche S ceiling wash



Standards&Certificates

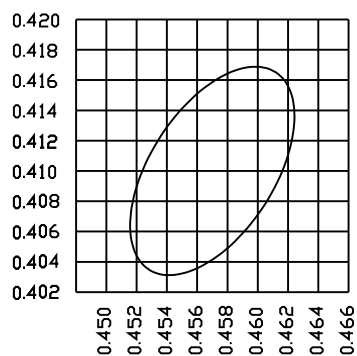
Integrating Sphere Test	IES LM79 (lumen,CCT,CRI,XY,SDCM,wave length)
Photometric Distribution Test	IES LM79
Aging Test	IES LM84&IES TM28
Ambient Temperature Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
High temperature High Humidity Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
Bending Test	500 cycles
Vibration Test	UL2388>750cycles
Tensile Test	Defined by Manufacturer
Drop Test	UL1598&UL2388&IEC60598-1&IEC60598-2-21
IK Test	IEC62262
Fire-Rating Test	UI94
UV Test	ASTMG154,ISO4892-3,UVA@340nm IEC60529
Salt Spray Test	IEC68-2-11
Thermal Shock Test	Non-lighting -40°C-55°C (25mins) with 5mins , 100 cycles
High temperature test	55°C

Bining

ANSI C78.377

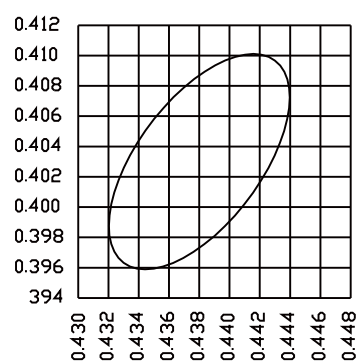
BIN:27A

Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.4578	0.4101	2700	2660-2790	3SDCM



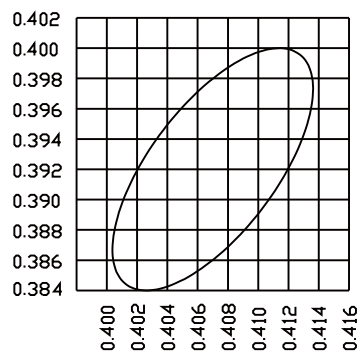
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Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.4338	0.403	3000	2865-2940	3SDCM



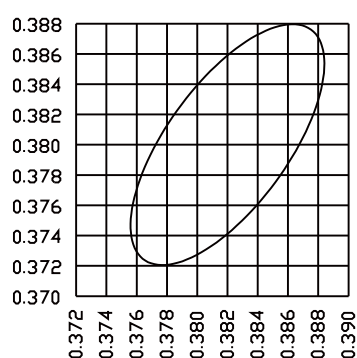
BIN:35A

Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.4073	0.3917	3500	3350-3550	3SDCM



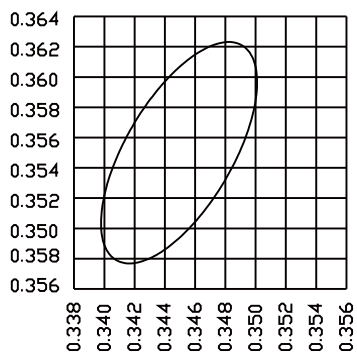
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Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.3818	0.3797	4000	3900-4175	3SDCM



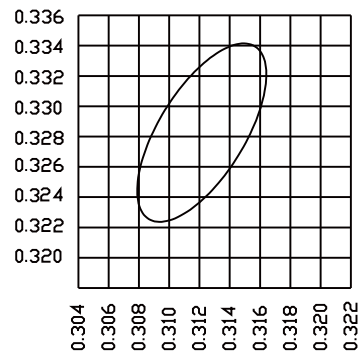
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Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.3447	0.3553	5000	4815-5175	3SDCM

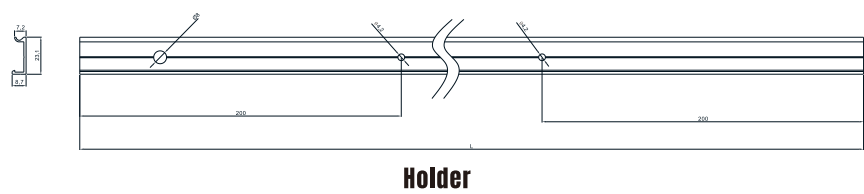


BIN:65A

Centred x	y	Nominal CCT (K)	CCT Range(K)	MacAdam ellipse
0.3123	0.3282	6500	6200-6700	3SDCM



Accesorries



Packaging



	Qty of LED module	Qty of Chain	Dimension (mm)	Net weight(kg)	Gross Weight(kg)
Inner Box	30pcs(6 meters)	1	1050*85*45	1.5	1.6
Master Box	300pcs(60meters)	10	1070*245*190	15	16.5