

Luminaire Specification

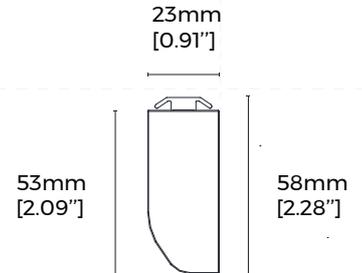
LM23GW

— SLIM series



【Basic Parameters】

- Material: AL6063-T5, spraying surface
- Coating: Black (RAL9005)/White (RAL9003)
- Length: 600mm/1200mm/1800mm optional
- IP grade: IP20
- CCT: 2700/3000/3500/4000K optional
- CRI: 90
- SDCM: <3 Step(ANSI)
- Beam angle: 25°x60°x75°
- Light efficiency: 80 lm/W
- Input voltage: DC24V
- Dimming method: Non
- Application: Indoor
- Installation method: Ceiling
- Certification: CE
- Warranty: 3 years



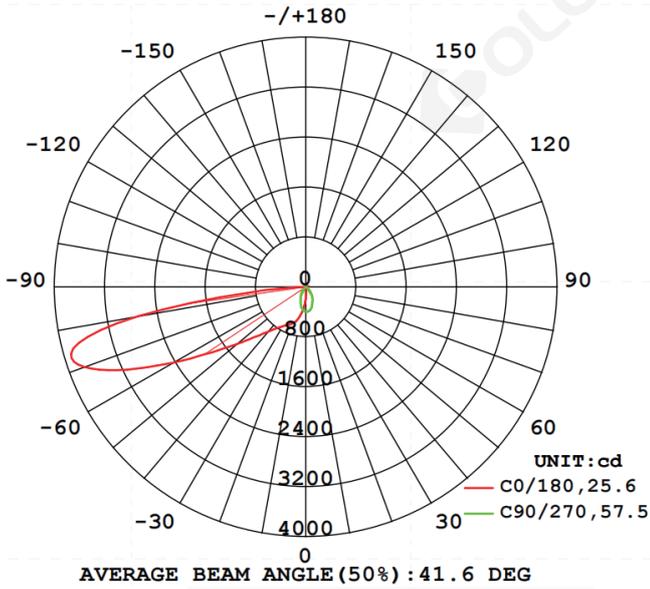
【Luminaire Parameters】

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	LM23CW	600mm [1.97ft]	24VDC	0.59 [0.30A/ft]	14.0 [7.11W/ft]	15.4 [7.82W/ft]	>90	25°x60° x75°	2700K	1025 [520LM/ft]
									3000K	1045 [530LM/ft]
									3500K	1070 [545LM/ft]
									4000K	1120 [570LM/ft]
		2700K		2045 [520LM/ft]						
		3000K		2085 [530LM/ft]						
		3500K		2145 [545LM/ft]						
		4000K		2240 [570LM/ft]						
		2700K		3070 [520LM/ft]						
		3000K		3130 [530LM/ft]						
		3500K		3215 [545LM/ft]						
		4000K		3360 [570LM/ft]						
1200mm [3.94ft]	1.18 [0.30A/ft]	28.0 [7.11W/ft]	30.8 [7.82W/ft]							
1800mm [5.91ft]	1.77 [0.30A/ft]	42.0 [7.11W/ft]	46.2 [7.82W/ft]							

Note:

1. The output data is based on the testing result of Ra90,4000k luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value.

[Optical Parameter]



luminous intensity distribution diagram

Flux out: 156.7 lm

Height	Eavg, Emax	Angle: 41.60deg	Diameter
1m	338.5, 653.8lx		75.97cm
2m	84.62, 163.5lx		151.95cm
3m	37.61, 72.65lx		227.92cm
4m	21.16, 40.86lx		303.89cm
5m	13.54, 26.15lx		379.86cm
6m	9.402, 18.16lx		455.84cm
7m	6.908, 13.34lx		531.81cm
8m	5.289, 10.22lx		607.78cm
9m	4.179, 8.072lx		683.76cm
10m	3.385, 6.538lx		759.73cm

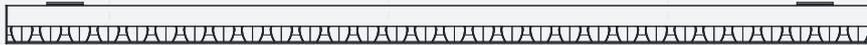
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

AAI Figure

[Product mechanical data]



604mm
[23.78"]



1204mm
[47.40"]



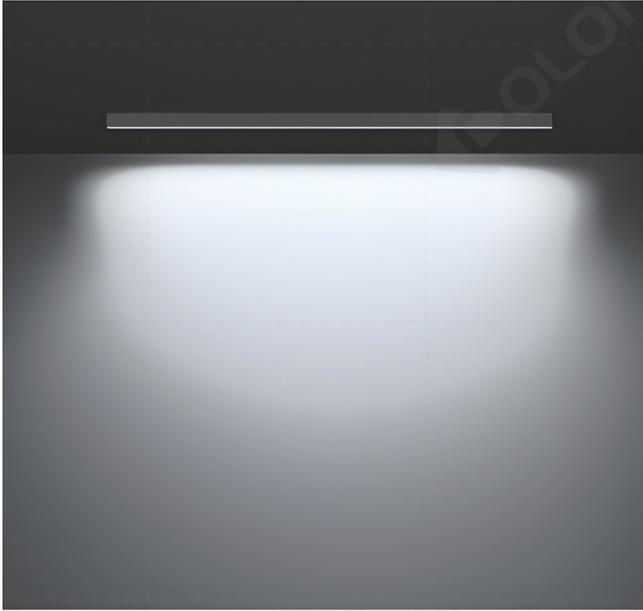
1804mm
[71.02"]

23mm
[0.91"]
 53mm [2.09"] | 58mm [2.28"]

[Lighting Application Guidelines]

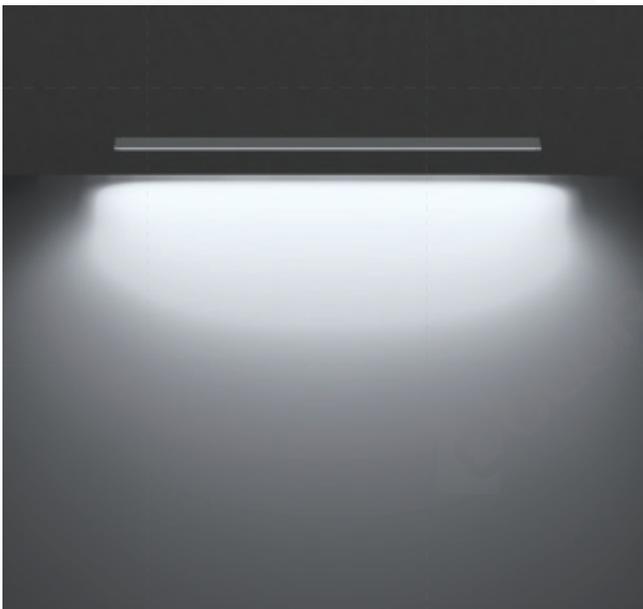
Wall washer(25°x60°x75°)

0.8m[31.50"] Application

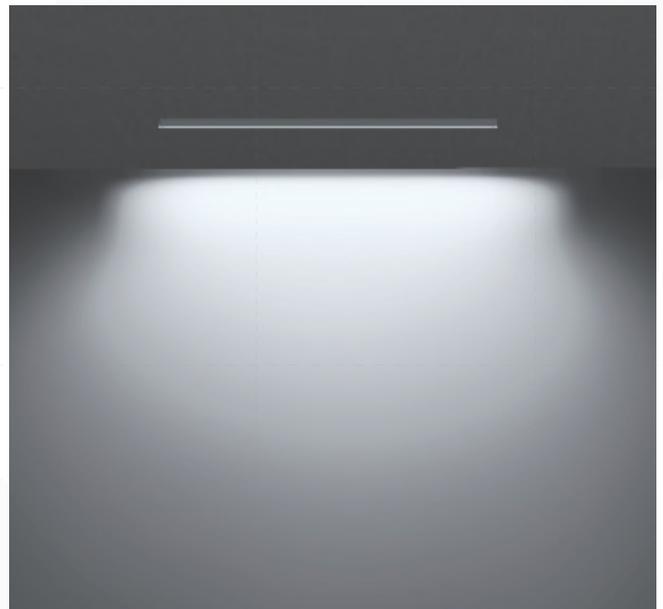


If 0.5-1m[19.69"-39.37"] away from the wall, the effective wall washing distance is 2-3m[78.74"-118.11"]. The best distance from the wall is 0.8m[31.50"], the main illumination on the wall is about 500lx, and the uniformity of illumination within 2m[78.74"] is > 0.8 .

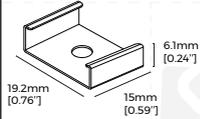
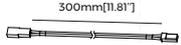
0.5m [19.69"]Application



1.0m[39.37"] Application



[Product Accessories Information]

Picture	Section size	Name	Description	Model	Note
		Mounting clip	Material:SUS304 Size:L19.2*W15*H6.1mm [Inch size:L0.76**W0.59**H0.24"]	CL-23	Accessories
		JST male & female terminal cable	Material:PVC Length:300mm Wire diameter:20AWG Thermal endurance:80°C Carrying current:3A	CM-17	

[Packing]

Model	Dimension (mm)	Quantity /box	Quantity /carton	NW (kg)	NW /carton/(kg)	CW (kg)	Carton size (mm)
LLS-LM23GWXBS0600-R23NW9X-DC	604*53*23 [23.78**2.09**0.91"]	1	12	0.45	5.4	8.9	680*210*275 [26.77**8.27**10.83"]
LLS-LM23GWXBS1200-R23NW9X-DC	1204*53*23 [47.40**2.09**0.91"]	1	12	0.90	10.8	17.8	1280*210*275 [50.39**8.27**10.83"]
LLS-LM23GWXBS1800-R23NW9X-DC	1804*53*23 [71.02**2.09**0.91"]	1	12	1.35	16.2	26.7	1880*210*275 [74.02**8.27**10.83"]

[Attentions]

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use