



FM23WW MODULE

PROFESSIONAL IP67 WALL WASH SINGLE CCT FLEXIBLE LINEAR LED STRIP



DRIVER OPTIONS



ON/OFF



PHASE DIMMABLE



0-10V DIMMABLE



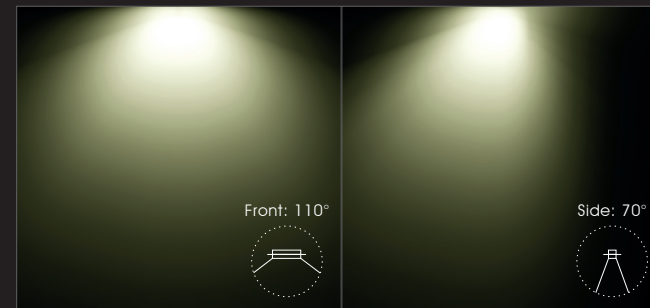
DALI DIMMABLE

DIMENSION



- Width x Height : 23mm x 10.5mm
- Cut Section : 5 LEDs, 166.6mm
- LED Pitch : 33.3mm
- LEDs per Meter : 30 LEDs/m

Beam Angle: Asymmetric 70° x 110° tilted at 30°



- CRI : Ra>90, R9>50
- SDCM : 3 step MacAdam ellipse
- Lifetime : Up to 50,000 hours L80 lamp life at Ta = 25°C
- Voltage : 24V DC
- Power Options : 9.6W/m, 14.4W/m, 19.2W/m
- Light Effect : Asymmetric
- Luminous Flux : 1350 - 1418 lm/m
- Efficacy : 70.6 - 74.2 lm/W
- Operating Temperature : Ta (min) = -40°C, Ta (max) = +45°C
- Wire Connection : Supplied with insulated AWG 18 wires with IP67 connector at 200mm length
- Ingress Protection : IP67 with PU sleeve

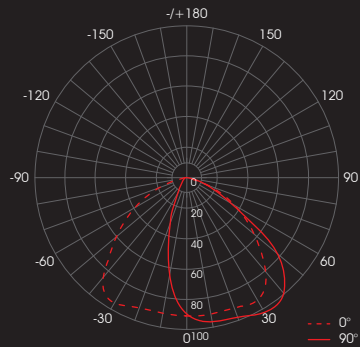
CCT OPTIONS

Single CCT



PHOTOMETRICS

- With FM23WW 19.2W/m



Correction Factor : FM23WW 9.6W/m ~ f = 0.50
 FM23WW 14.4W/m ~ f = 0.75
 FM23WW 19.2W/m ~ f = 1.00

SPECIFICATIONS

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		
		9.6W/m	14.4W/m	19.2W/m
2700K	70.6	678	1014	1350
3000K				
3500K				
4000K	74.2	712	1065	1418
5000K				
5700K				
6500K				

	Power		
	9.6W/m	14.4W/m	19.2W/m
Maximum continuous length with single end power feed	5m	3.4m	2.5m

Case temperature must not exceed T_c (max) = 80°C to guarantee LED module lifetime.

- LED modules of 14.4W/m and below can be operated with or without aluminium profile.

- LED modules of 19.2W/m must be operated with aluminium profile as heatsink.

ORDERING MATRIX

MODULE	Model	Power	CCT	Length	Sleeve Option
	FM23WW	9	9.6W/m	27 2700K	5M 5m Reel*
	14	14.4W/m	30 3000K		
	19	19.2W/m	35 3500K		
			40 4000K		
			50 5000K		
			57 5700K		
			65 6500K		

Example: FM23WW-19-30-5M-PS

FM23WW flexible linear LED strips are supplied with insulated AWG 20 wires with IP67 connectors at 200mm length on both ends.

* Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

ACCESSORIES



Joint Connector



Male Connection Cable



Female Connection Cable



UV Glue



UV Light

ACCESSORIES

Accessories

FM23-JC	2-pin Joint Connector
FM23-MCC	2-pin End Connector with 200mm IP67 Male Connection Cable
FM23-FCC	2-pin End Connector with 200mm IP67 Female Connection Cable
UVG	UV Glue, for Sealing IP67 PU Sleeve
UVL	UV Light, for Quick Drying of UV Glue (Battery not included)