



FBM100L75 MODULE

SINGLE CCT FLEXIBLE BACKLIGHTING LED MODULE

IP20



DRIVER OPTIONS



ON/OFF



PHASE
DIMMABLE

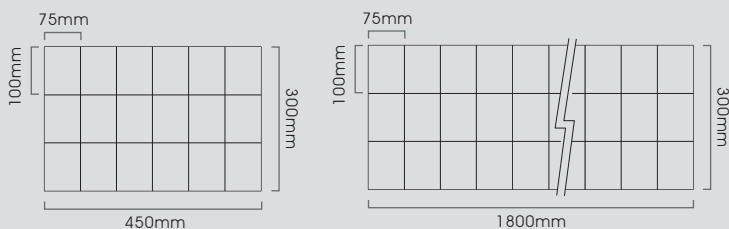


0-10V
DIMMABLE



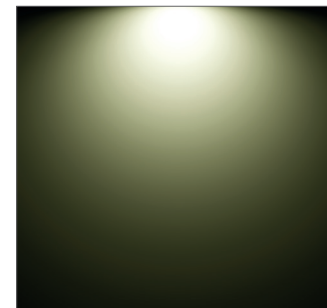
DALI
DIMMABLE

DIMENSION



- Width x Length x Height
: 300mm x 450mm x 1mm
: 300mm x 1800mm x 1mm
- Cut Section
: 6 LEDs, 100mm x 75mm

Beam Angle: 120°



- 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 : 2W per cut section
- Light Effect : Close LED pitch distance for light homogeneity
- Luminous Flux : 218 - 223 lm per cut section
- Efficacy : 109.0 - 111.5 lm/W per cut section
- Operating Temperature : Ta (min) = -20°C, Ta (max) = +50°C
- Wire Connection : Clip-on connectors for module-to-module connection, clip-on connectors with insulated AWG 24 wires at 200mm length for module-to-driver connection
- Ingress Protection : IP20

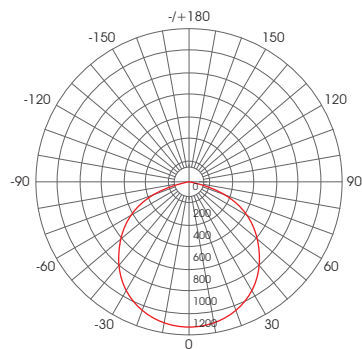
CCT OPTIONS

Single CCT



PHOTOMETRICS

- FBM100L75 36W
(18 x 2W cut sections @ 300mm x 450mm)
at 3000K

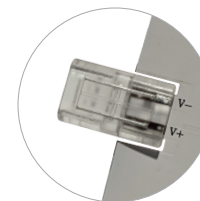


SPECIFICATIONS

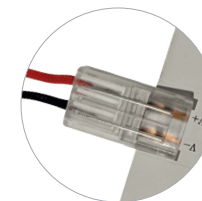
Single CCT

CCT	Efficacy (lm/W)	Luminous Flux (lm)	
		2W/Ch	36W
		1 x Cut Section 100mm x 75mm	18 x Cut Section 300mm x 450mm
2700K 3000K 3500K	109	218	3924
4000K 5000K 6500K	111.5	223	4014

ACCESSORIES



Module-to-module
clip-on connector



Module-to-driver
clip-on connector

ORDERING MATRIX

MODULE

Model	Power	CCT	Length
FBM100L75	2 2W per cut section	27 2700K	450 450mm
		30 3000K	1800 1800mm
		35 3500K	
		40 4000K	
		50 5000K	
		65 6500K	
Example: FBM100L75-2-30-1800			

ACCESSORIES

Clip-on Connector

FBM100L75	2PCM	2-pin clip-on connector for module-to-module connection
	2PCD	2-pin clip-on connector with wire for driver connection

Example: FBM100L75-2PCM