FBM100L75

SINGLE CCT FLEXIBLE BACKLIGHTING LED MODULE
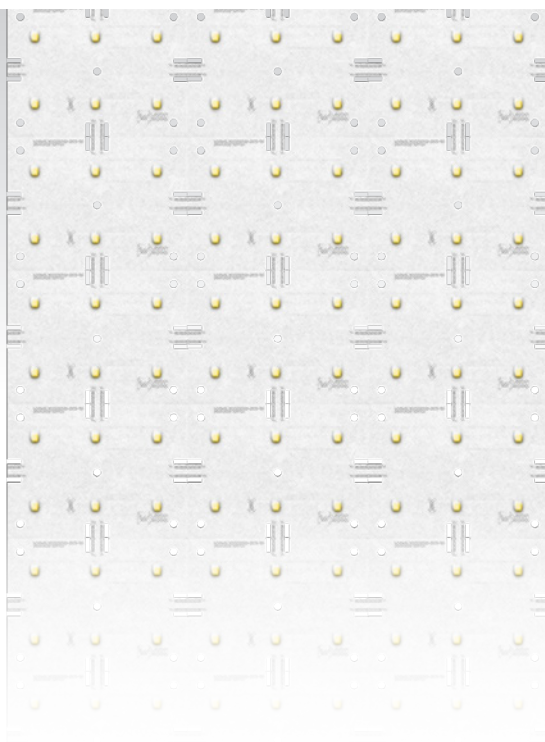
AVAILABLE OPTIONS
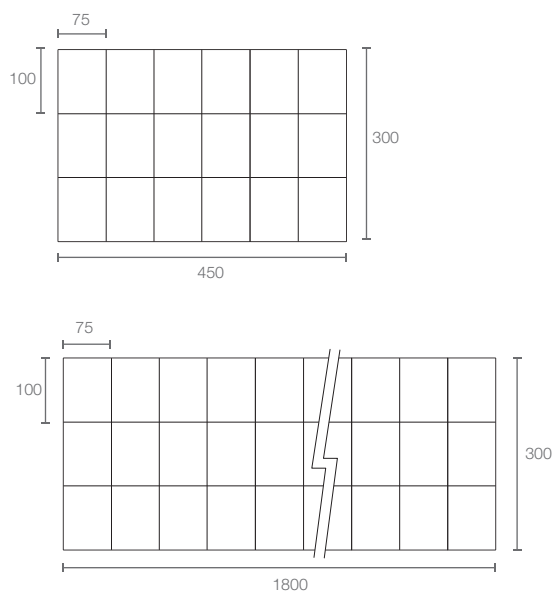
CCT OPTIONS	SINGLE CCT
	2700K 3000K 3500K 4000K 5000K ProART

| **DRIVER DIMMING OPTIONS**	DIMMABLE (ND)	PHASE DIMMABLE (PH)	0-10V DIMMABLE (AN)	DALI DIMMABLE (DA)

DIMENSIONS (MM)

75
100
300
450

75
100
300
1800

- Width x Length x Height : 300mm x 450mm x 1mm
- : 300mm x 1800mm x 1mm
- Cut Section : 6 LEDs, 100mm x 75mm
- LED Pitch : 34mm (L), 31mm (W)

CRI	ProART (CRI~95)
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	Up to 231 lm per cut section
Efficacy	Up to 115.5 lm/W
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
Beam Angle	120°

PHOTOMETRICS
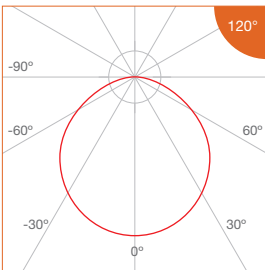
SPECIFICATIONS

CCT	Efficacy (lm/W)	Luminous Flux (lm)	
		2W	36W
		1 x Cut Section	18 x Cut Section
		100mm x 75mm	300mm x 450mm
2700K			
3000K	110.0	220	3960
3500K			
4000K	115.5	231	4158
5000K			

ORDERING MATRIX

Module		Power		CCT		Length	
FBM100L75	2	2W per cut section	27	2700K	450	450mm
			30	3000K	1800	1800mm
			35	3500K		
			40	4000K		
			50	5000K		

Example: FBM100L75-2-30-1800

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

The information above is at nominal values accuracy of +/-7%.   For the latest specifications please refer to the website.

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