FBM100L75 TW

DUAL-CHANNEL TUNABLE-WHITE FLEXIBLE BACKLIGHTING LED MODULE
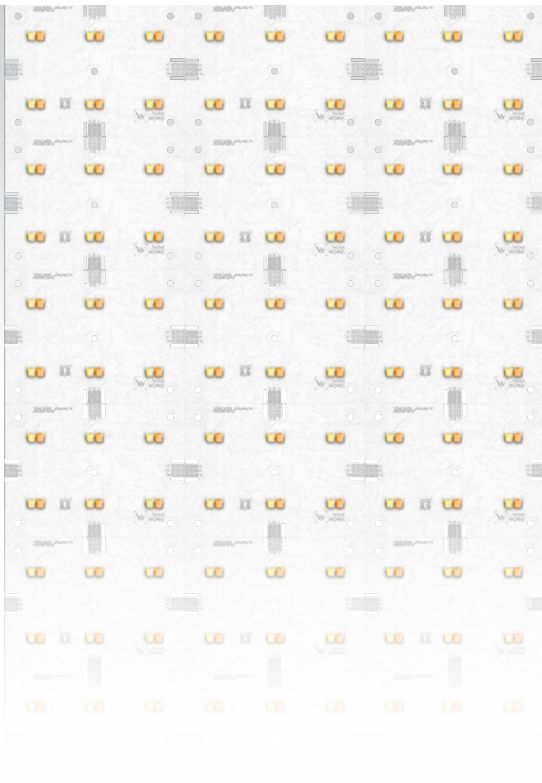
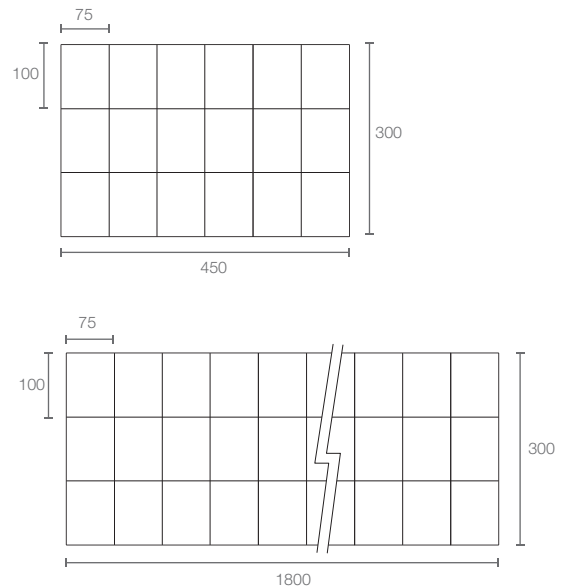### AVAILABLE OPTIONS

|			
CCT OPTIONS	tuneWHITE 2700K — 6500K	ProART	tuneWHITE
DRIVER DIMMING OPTIONS	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 : 12 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 channel per cut section
Light Effect	Close LED pitch distance for light homogeneity
Luminous Flux	Up to 231 lm per channel 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
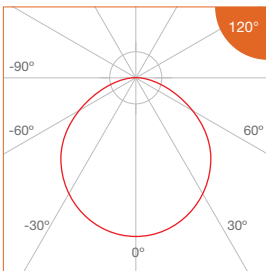
SPECIFICATIONS

CCT	Efficacy (lm/W)	Luminous Flux (lm)	
		2W/Ch	36W/Ch
		1 x Cut Section	18 x Cut Section
		100mm x 75mm	300mm x 450mm
2700K	110.0	220	3960
6500K	115.5	231	4158

ORDERING MATRIX

Module	Power		CCT		Length	
FBM100L75	2PC	2W per cut section	TW2765	tuneWHITE 2700K - 6500K	450	450mm
					1800	1800mm

Example: FBM100L75-2-TW2765-1800

Clip-on Connector		
FBM100L75	3PCM	3-pin clip-on connector for module-to-module connection
	3PCD	3-pin clip-on connector with wire for driver connection

Example: FBM100L75-3PCM

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

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