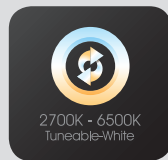
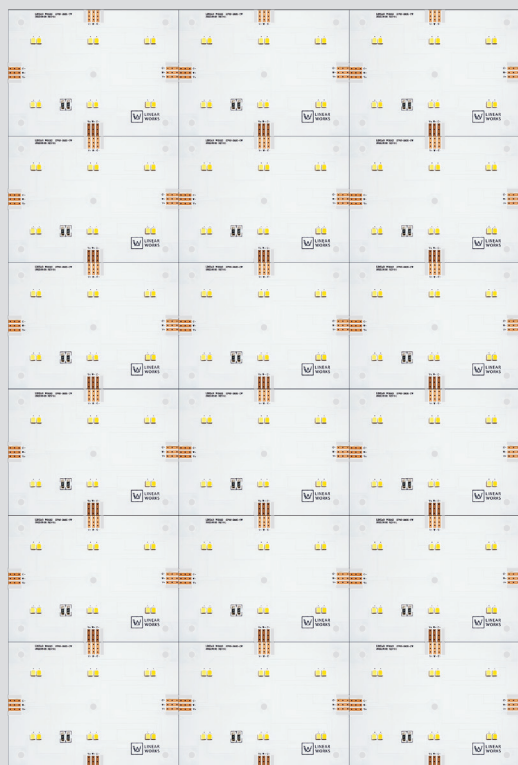




# FBM100L75 TW MODULE

DUAL-CHANNEL TUNABLE-WHITE  
FLEXIBLE BACKLIGHTING LED MODULE



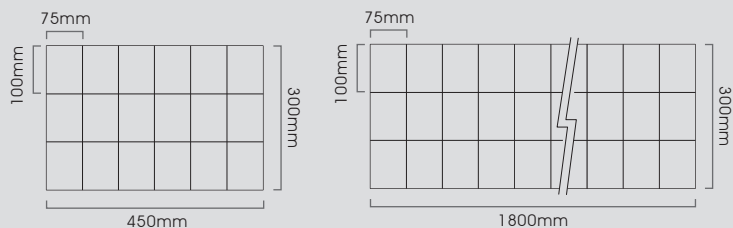
## DRIVER OPTIONS

Tunable White



2 Channel Control  
- DALI DT8

## DIMENSION



- Width x Length x Height  
: 300mm x 450mm x 1mm  
: 300mm x 1800mm x 1mm
- Cut Section  
: 12 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 channel 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

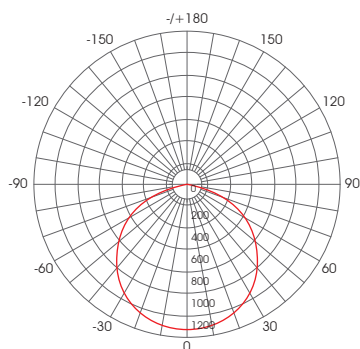
## CCT OPTIONS

Tunable-White



## PHOTOMETRICS

- FBM100L75 TW 36W  
(18 x 2W cut sections @ 300mm x 450mm)  
at 6500K



## SPECIFICATIONS

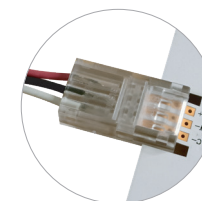
Tunable-White 2700K - 6500K

| CCT          | Efficacy<br>(lm/W) | Luminous Flux (lm)              |                                   |
|--------------|--------------------|---------------------------------|-----------------------------------|
|              |                    | 2W/Ch                           | 36W                               |
|              |                    | 1 x Cut Section<br>100mm x 75mm | 18 x Cut Section<br>300mm x 450mm |
| <b>2700K</b> | 109                | 218                             | 3924                              |
| <b>6500K</b> | 111.5              | 223                             | 4014                              |

## ACCESSORIES



Module-to-module  
clip-on connector



Module-to-driver  
clip-on connector

## ORDERING MATRIX

| MODULE                           | Model            | Power                          | CCT                                       | Length                                 |
|----------------------------------|------------------|--------------------------------|-------------------------------------------|----------------------------------------|
|                                  | <b>FBM100L75</b> | <b>2</b> 2W/Ch per cut section | <b>TW2765</b> Tunable-White 2700K - 6500K | <b>450</b> 450mm<br><b>1800</b> 1800mm |
| Example: FBM100L75-2-TW2765-1800 |                  |                                |                                           |                                        |

## ACCESSORIES

### 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