

BuLED

BuLED-30Fx LED light accessory to replace MR16 fittings by Xicato XTM

Features VS Benefits

- * BuLED-30Fx LED light accessory includes one LED cooler and one LED housing to be assembled with Xicato XTM LED modules to replace MR16.
- * Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages.
- * Thermal resistance range Rth 4.2°C/W.
- * Xicato Thermal Class **D** , (60° tilt angle, 40°C ambient) .
- * The cooler design with mounting holes foreseen for direct mounting of Xicato XTM Modules .
- * Heatsink Diameter 48mm - Standard height 30mm , Other heights on request.
- * Housing Diameter 50mm - Standard height 50mm , Other heights on request.
- * Forged from highly conductive aluminum.



*The BuLED-30Fx LED light accessory Xicato Pin Fin Heat Sink is standard foreseen from a variety of mounting holes which allow direct mounting of all Xicato XTM LED modules and secondary optics on the Pin Fin LED heat sink.

*In this way mechanical afterwork and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.

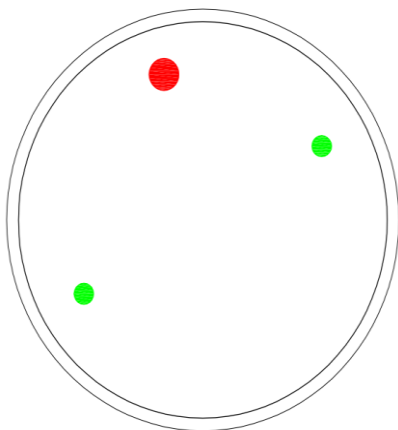
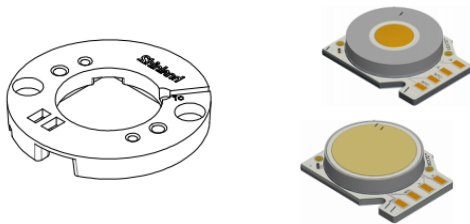
*Below you find an overview of Xicato LED modules which standard fit on the BuLED-30Fx LED light accessory .

*MingFa performs thermal validation tests on each of the LED modules mounted on the LED cooler and publishes.

*This data in the Xicato Cooler thermal validation reports.

*For a full overview of available LED coolers for Xicato LEDs, please refer to the Xicato LED cooler overview on.

XICATO



BuLED-30Fx LED light accessory, The Heatsink standard height 30mm for Xicato LED modules Mounting Options

Xicato XTM LED modules:

- XTM19-8027-xxx ; XTM19-8040-xxx ;
- XTM19-8030-xxx ; XTM19-V830-xxx ;
- XTM19-8035-xxx ;

Direct mounting by Zhaga mounting holes with 2 screws M3 x 8mm; with Shinland Zhaga holder. Green indicator marks.

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Mounting Options and Drawings & Dimensions

Example: BuLED-30Fx -M3-B-2

Example: BuLED-30Fx-M3 - **1** - **2**

- 1** Anodising Color
 - B-Black
 - C-Clear
 - Z-Custom

- 2** Mounting Options - see graphics for details Combinations available
 - Ex.order code - 12
 - means option 1 and 2 combined

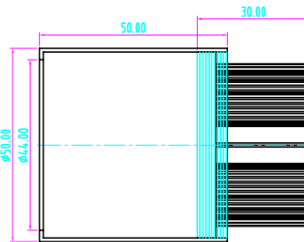
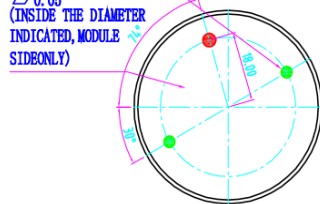


MingFa recommends the use of a high Thermal conductive interface between the LED Module and the LED cooler. Either thermal grease, A thermal pad or a phase change thermal pad Thickness 0.1-0.15mm is recommended.

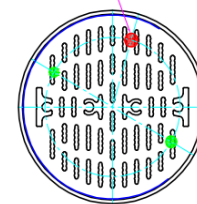
MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	BuLED-30Fx-M3-#-N	NONE	NONE
1	BuLED-30Fx-M3-#-1	Φ3.5	Through-hole Cable hole
2	BuLED-30Fx-M3-#-2	M3*0.5	Locking wire hole
3			

XTM MOUNTING OPTION M3:
2X DRILL & TAP M3x0.5
6mm, DP MIN

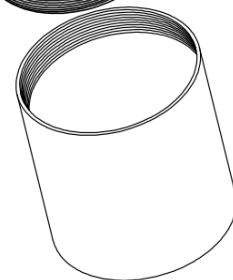
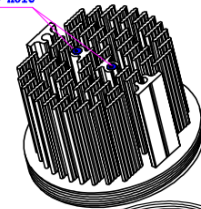
±0.05
(INSIDE THE DIAMETER
INDICATED, MODULE
SIDE ONLY)



±0.05 cable hole



M3x0.5 Locking wire hole



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The thermal data table

	 BuLED
Model No.	BuLED-30Fx
Heatsink Size	Φ48xH30mm
Housing Size	Φ50xH50mm
Material (Heatsink + Housing)	AL 1070+ 6063-T5
Finish	Black Anodized
Weight(g)	68.1
Thermal Wattage	7.8W
HeatsinkΘs-a²	25263
Thermal Resistance	6.4

	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		BuLED-30Fx	
Dissipated Power Pd(W)	2.0	8.50	17.0
	4.0	7.50	30.0
	6.0	7.17	43.0
	8.0	6.63	53.0
	10.0	6.10	61.0

