



for

LED



**BuLED**

**BuLED-30F-TRI LED light accessory to replace MR16 fitting for Tridonic modulars**

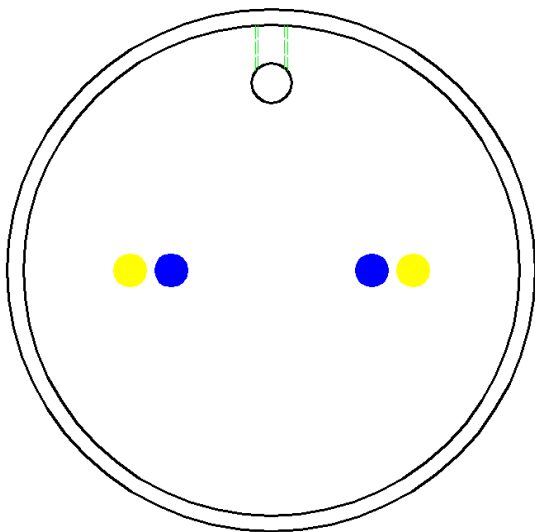
**Features VS Benefits**

- \* BuLED-30F LED light accessory includes one LED cooler and one LED housing to be assembled with Tridonic modules to replace MR16.
- \* Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- \* For spotlight and downlight designs from 400 to 1200 lumen.
- \* Thermal resistance range Rth 4.2°C/W.
- \* Heatsink Diameter 48mm - Standard height 30mm , Other heights on request.
- \* Housing Diameter 50mm - Standard height 50mm , Other heights on request.
- \* Modular design with mounting holes foreseen for direct mounting of Tridonic TALEX module SLE modules.
- \* Forged from highly conductive aluminum.



**Zhaga LED engine and radiator assembly is a unified future international standardization**

- \* Below you find an overview of Tridonic LED modules which standard fit on the BuLED-30F series.
- \* In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of Star LED Heat Sinks.



**Tridonic LED engines for which Zhaga book11 LED Modules holders are available.**

**Tridonic LED Modules directly Mounting Options**

For the Stark SLE GEN4 ADVANCE,EXCITE model.  
SLE-G4-15mm-2000lm-xxx;

**Direct mounting with machine screws M3x6.5mm; Yellow indicator marks.**

For the Stark SLE GEN3 Mini SELECT,Mini CLASSIC,ART model.  
STARK-SLE-PURE-G3-10-xxx;

For the SLE G4 10mm R SNC model.  
SLE G4 10mm-xxx;

**Direct mounting with machine screws M3x6.5mm; Blue indicator marks.**



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### Mounting Options and Drawings & Dimensions

Example: BuLED-30F-TRI-B-1,2

Example: BuLED-30F-TRI-**1**-**2**

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

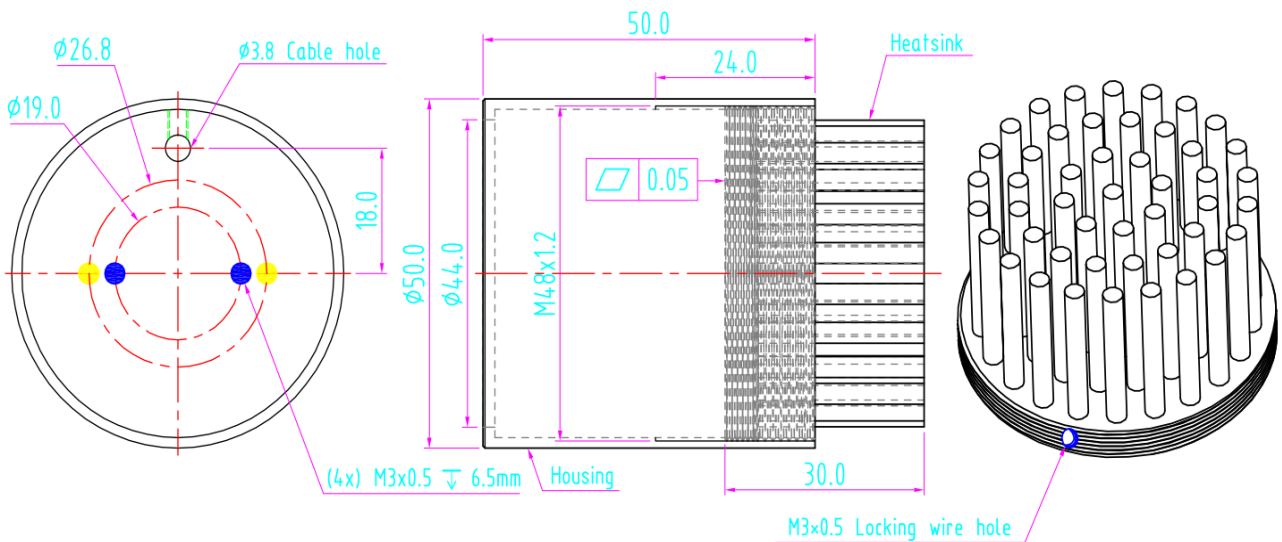
- 2** Mounting Options - see graphics for details Combinations available
  - Ex.order code - 12
  - means option 1 and 2 combined



#### Notes:

- Mentioned models are an extraction of full product range.
- For specific mechanical adaptations please contact MingfaTech.
- MingfaTech reserves the right to change products or specifications without prior notice.

| MOUNTING OPTION | Module type                                   | Holder NO. | THREAD | THREAD DEPTH | THREAD HOLE DISTANCE |
|-----------------|---|------------|--------|--------------|----------------------|
| 1               | STARK-SLE-PURE-G3-10-xxx;<br>SLE G4 10mm-xxx; | /          | M3     | 6.5mm        | 19.0mm/ @180°        |
| 2               | SLE-G4-15mm-2000lm-xxx;                       | /          | M3     | 6.5mm        | 26.8mm/ @180°        |




# Mingfa TECH *for* LED

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**The thermal data table**

|                                      |  |
|--------------------------------------|--|
|                                      | <br><b>BuLED</b> |
| <b>Model No.</b>                     | <b>BuLED-30F-TRI</b>   |
| <b>Heatsink Size</b>                 | <b>Φ48xH30mm</b>   |
| <b>Housing Size</b>                  | <b>Φ50xH50mm</b>   |
| <b>Material (Heatsink + Housing)</b> | <b>AL1070 + AL6063-T5</b>  |
| <b>Finish</b>                        | <b>Black Anodized</b>  |
| <b>Weight(g)</b>                     | <b>75.0</b>  |
| <b>Thermal Wattage</b>               | <b>12.0W</b>   |
| <b>HeatsinkOs-a<sup>2</sup></b>      | <b>14976</b>   |
| <b>Thermal Resistance</b>            | <b>4.2</b>   |

| Dissipated Power Pd(W) | 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-30F-TRI  | BuLED-30F-TRI                                      |
| 2.5                    | 6.80   | 17.00  |
| 4.5                    | 6.50   | 29.00  |
| 7.0                    | 5.70   | 40.00  |
| 9.5                    | 5.10   | 48.00  |
| 12.0                   | 4.20   | 50.50  |

