



for

LED



BuLED

BuLED-30E-EDI LED light accessory to replace MR16 fitting for Edison modulars

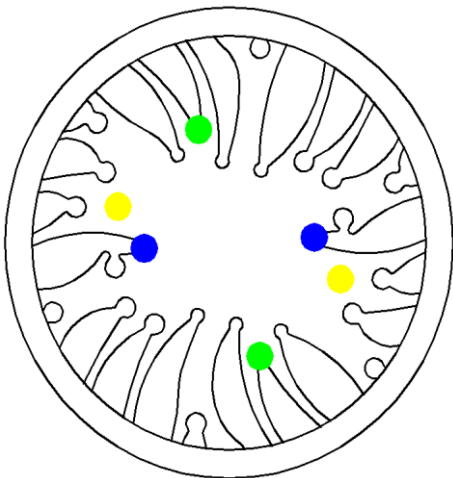
Features VS Benefits

- * BuLED-30E LED light accessory includes one LED cooler and one LED housing to be assembled with Edison 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 EdisonL EdiLex II COB LED engines.
- * Extruded from highly conductive aluminum.



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

- * Below you find an overview of Edison COB's and LED modules which standard fit on the BuLED-30E 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.



Edison LED engines for which Zhaga book11 LED Modules holders are available.

For the EdiLex II CAC Series LED engines.

- 2PCA04WW27P21001;
- 2PCA04NW27P21001;
- 2PCA04CW27P21001;

For the EdiLex II CAC Series LED engines. (BJB holder:47.319.6101.50);

- 2PCA07WW27P22001;
- 2PCA07NW27P22001;
- 2PCA07CW27P22001;

For the EdiLex II HM Series LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM05WW27P12001;
- 2PHM05NW27P12001;
- 2PHM05CW27P12001;
- 2PHM09WW27P12001;
- 2PHM09NW27P12001;
- 2PHM09CW27P12001;

For the EdiLex II HM CRI90 Series LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM05WW38P12001;
- 2PHM05NW38P12001;
- 2PHM05CW38P12001;
- 2PHM09WW38P12001;
- 2PHM09NW38P12001;
- 2PHM09CW38P12001;

For the EdiLex II HM Series (PAR) LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM13WW27P12001;
- 2PHM13NW27P12001;
- 2PHM13CW27P12001;

Zhaga Book11 green indicator marks:

Direct mounting with machine screws M3x6.5mm;



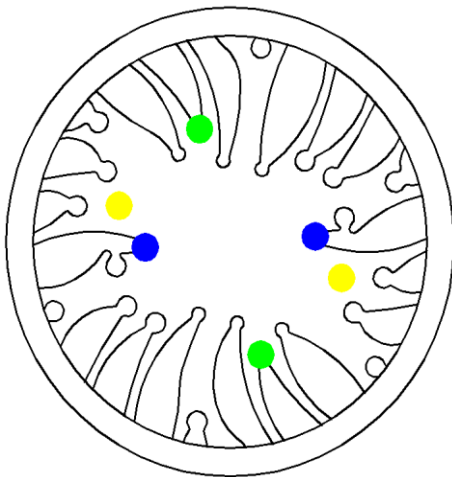
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For the EdiLex II MV Series LED engines.
(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PMV13WW27P12001;
- 2PMV13NW27P12001;
- 2PMV13CW27P12001;
- 2PMV13WW27P12002;
- 2PMV13NW27P12002;
- 2PMV13CW27P12002;

Zhaga Book11 green indicator marks:

Direct mounting with machine screws M3x6.5mm;

Edison LED engines directly Mounting Options

For the EdiLex II SD Series LED engines.

- 2PSD15WW01P02001;
- 2PSD15NW05P02001;
- 2PSD15CW06P02001;

For the EdiLex II LC Series LED engines.

- 2PLC15WW05P02001;
- 2PLC15NW05P02001;
- 2PLC15CW06P02001;

For the EdiLex II HV Series LED engines.

- 2PHV09WW05P02001;
- 2PHV09NW05P02001;
- 2PHV09CW06P02001;
- 2PHV13WW05P02001;
- 2PHV13NW05P02001;
- 2PHV13CW06P02001;

Direct mounting with machine screws M3x6.5mm;

Yellow indicator marks.

For the EdiLex II Star CRI90 Series LED engines.

- 2PHV06WW38P05001;
- 2PHV06NW38P05001;
- 2PHV06CW38P05001;
- 2PHV10WW38P05001;
- 2PHV10NW38P05001;
- 2PHV10CW38P05001;

For the EdiLex II Star Series LED engines.

- 2PHV06WW27P05001;
- 2PHV06NW27P05001;
- 2PHV06CW27P05001;
- 2PHV10WW27P05001;
- 2PHV10NW27P05001;
- 2PHV10CW27P05001;

For the EdiLex II CM Series LED engines.

- 2PCM09WW11P26001;
- 2PCM09NW11P26001;
- 2PCM09CW11P26001;

Direct mounting with machine screws M3x6.5mm;

Blue indicator marks.

Please refer to the "<http://www.edison-opto.com>" data provided on the manual.

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Mounting Options and Drawings & Dimensions

Example: BuLED-30E-EDI-B-1,2

Example: BuLED-30E-EDI- **1** - **2**

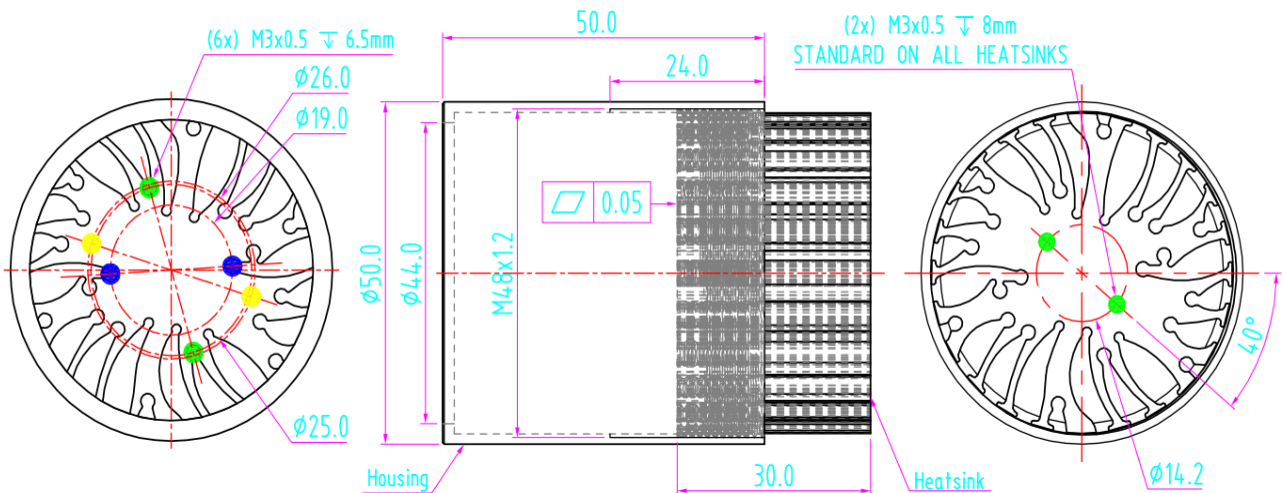
- 1** Anodising Color
 - B-Black
 - C-Clear
 - Z-Custom

- 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 | EdiLex II CM EdiLex II Star | / | M3 | 6.5mm | 19.0mm/ 2-@180° |
| 2 | EdiLex II HM EdiLex II MV | AAG.STUCCHI (8100-G2) | M3 | 6.5mm | 25.0mm/ 2-@180° |
| | | BJB (47.319.6060.50) | | | |
| | EdiLex II CAC | Ideal 50-2000CR | M3 | 6.5mm | 25.0mm/ 2-@180° |
| | | BJB (47.319.6120.50) | | | |
| 3 | EdiLex II SD EdiLex II HV | / | M3 | 6.5mm | 26.0mm/ 2-@180° |



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The thermal data table

| | |
|--|--|
| |  |
| | <i>BuLED</i> |
| Model No. | BuLED-30E-EDI |
| Heatsink Size | Φ48xH30mm |
| Housing Size | Φ50xH50mm |
| Material | AL6063-T5 |
| Finish | Black Anodized |
| Weight(g) | 110.0 |
| Thermal Wattage | 12.0W |
| HeatsinkOs-a² | 22820 |
| Thermal Resistance (°C/W)² | 4.2 |

| 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-30E-EDI | BuLED-30E-EDI |
| 2.5 | 6.2 | 15.5 |
| 4.5 | 5.8 | 26.1 |
| 7.0 | 5.2 | 36.4 |
| 9.5 | 4.8 | 45.6 |
| 12.0 | 4.2 | 50.4 |

