

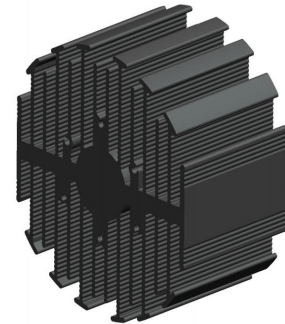


**eLED**

## **eLED-OSR-9550 Osram Modular Passive Star LED Heat Sink Ø95mm**

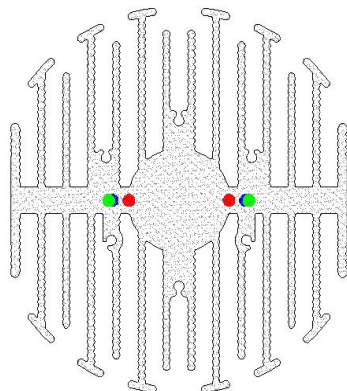
### **Features VS Benefits**

- \* The eLED-OSR-9550 OSRAM Modular Passive LED Coolers are specifically designed for luminaires using the OSRAM LED engines.
- \* 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 1800 to 4500 lumen.
- \* Thermal resistance range  $R_{th}$  1.35°C/W.
- \* Modular design with mounting holes foreseen for direct mounting SOLERIQ P, SOLERIQ E and SOLERIQ S LED engines.
- of OSRAM PrevaLED Core,
- \* Diameter 95mm - standard height 50mm Other heights on request.
- \* Extruded from highly conductive aluminum.



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

- \* Below you find an overview of OSRAM engines COB's and LED modules which standard fit on the eLED coolers.
- \* In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.



### **OSRAM LED engines Mounting Options**

#### **Osram PrevaLED Core AC LED modules.**

PL-CORE AC PRO -3000-830;  
PL-CORE AC PRO -3000-840;

#### **Osram PrevaLED Core Z3 LED modules.**

PL-CORE -3000-830-Z3;  
PL-CORE -3000-840-Z3;  
PL-CORE -3000-930-Z3;  
PL-CORE -5000-830-Z3;  
PL-CORE -5000-840-Z3;

#### **Osram PrevaLED Core Z4 LED modules.**

PL-CORE-Z4 -3000-930;  
PL-CORE-Z4 -4500-930;  
PL-CORE-Z4 -5000-830;  
PL-CORE-Z4 -5000-835;  
PL-CORE-Z4 -5000-840;

#### **Zhaga Book3**

#### **Green indicator marks:**

Direct mounting with machine screws M3x6mm;

#### **Osram SOLERIQ P13 modules.**

GW MAGMB1.CM-SUTR-27S3;  
GW MAGMB1.CM-TPTS-30S3;  
GW MAGMB1.CM-TPTS-35S3;  
GW MAGMB1.CM-TQTT-40S3;

GW MAGMB1.EM-TQTT-27S3;  
GW MAGMB1.EM-TRTU-30S3;  
GW MAGMB1.EM-TSUP-35S3;  
GW MAGMB1.EM-TSUP-40S3;  
GW MAGMB1.EM-TSUP-50S3;

#### **Zhaga Book3 Green indicator marks:**

BJB holder:47.319.2131.50 ;

IDEAL holder:50-2101CR ;

Direct mounting with machine screws M3x6mm;

Tel:+86-769-39023131

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for

LED



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OSRAM



STUCCHI

ideas are made of light



### Osram SOLERIQ S19 LED modules:

|                         |                         |
|-------------------------|-------------------------|
| GW KAHJB1.EM-SSSU-27S3; | GW KAHJB1.EM-SQSS-27S3; |
| GW KAHJB1.EM-SSSU-30S3; | GW KAHJB1.EM-SQSS-30S3; |
| GW KAHJB1.EM-STTP-35S3; | GW KAHJB1.EM-SRST-35S3; |
| GW KAHJB1.EM-STTP-40S3; | GW KAHJB1.EM-SRST-40S3; |
| GW KAHLB1.EM-TQTS-27S3; | GW KAHLB1.EM-SUTQ-27S3; |
| GW KAHLB1.EM-TQTT-30S3; | GW KAHLB1.EM-TPTR-30S3; |
| GW KAHLB1.EM-TRTT-35S3; | GW KAHLB1.EM-TPTR-35S3; |
| GW KAHLB1.EM-TRTU-40S3; | GW KAHLB1.EM-TQTS-40S3; |
| GW KAHNB1.CM-TSTU-27S3; | GW KAHNB1.EM-TUQU-27S3; |
| GW KAHNB1.CM-TSTU-30S3; | GW KAHNB1.EM-TUUR-30S3; |
| GW KAHNB1.CM-TTUP-35S3; | GW KAHNB1.EM-UPUR-35S3; |
| GW KAHNB1.CM-TUQU-40S3; | GW KAHNB1.EM-UPUS-40S3; |

Zhaga Book3

Green indicator marks:

BJB holder:47.319.2170.50 ;

AAG.STUCCHI holder:8503-G2

Direct mounting with machine screws M3x6mm.

### Osram SOLERIQ P9 modules.

|                         |                         |
|-------------------------|-------------------------|
| GW MAFJB1.EM-RTSQ-27S3; | GW MAFJB1.CM-RSSP-27S3; |
| GW MAFJB1.EM-RUSR-30S3; | GW MAFJB1.CM-RTSQ-30S3; |
| GW MAFJB1.EM-RUSS-35S3; | GW MAFJB1.CM-RTSR-35S3; |
| GW MAFJB1.EM-SPST-40S3; | GW MAFJB1.CM-RUSS-40S3; |
| GW MAFJB1.EM-SPST-50S3; |                         |

Zhaga Book11 Red indicator marks:

BJB holder:47.319.6200.50 ;

AAG.STUCCHI holder:8501-G2

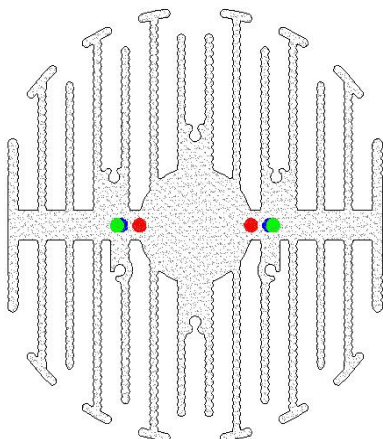
Direct mounting with machine screws M3x6mm;

### OSRAM LED engines directly Mounting Options

#### Osram SOLERIQ E30 LED modules.

|                         |
|-------------------------|
| GW KAJRB2.EM-STTQ-27H4; |
| GW KAJRB2.EM-SUTQ-30H4; |
| GW KAJRB2.EM-TPTR-40H4; |
| GW KAJRB2.EM-TPTR-50H4; |
| GW KAJRB2.EM-TPTR-57H4; |
| GW KAJRB2.EM-TPTR-65H4; |

Direct mounting with machine screws M3x6mm;  
Blue indicator marks.



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## Mounting Options and Drawings & Dimensions

Example: eLED-OSR-9550-B-3

Example: eLED-OSR-9550-**1**-**2**-**3**

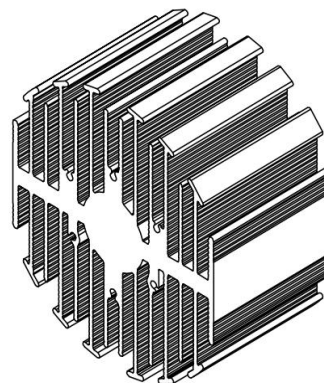
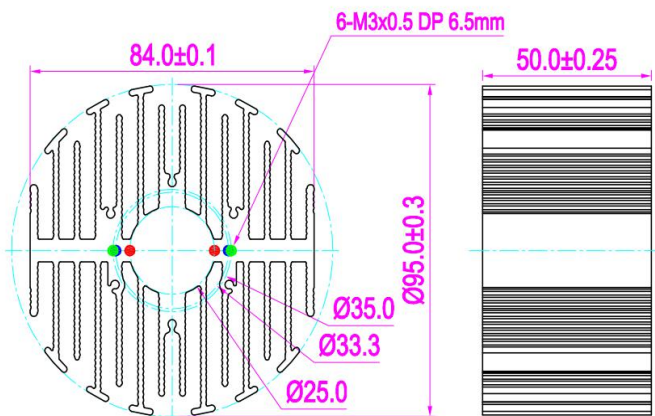
- 1** Height (mm)
- 2** Anodising Color
  - B-Black
  - C-Clear
  - Z-Custom
- 3** Mounting Options - see graphics for details Combinations available  
Ex.order code - 12  
means option 1 and 2 combined

### 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.
- Note : option 2 and option 3 can not be combined



| MOUNTING OPTION | Module type                                              | Holder NO.          | THREAD | THREAD DEPTH | THREAD HOLE DISTANCE |
|-----------------|----------------------------------------------------------|---------------------|--------|--------------|----------------------|
| 1               | SOLARIQ P9                                               | AAG.STUCCHI:8501-G2 | M3     | 6.5mm        | 25.0mm/ 2-@180°      |
|                 |                                                          | BJB:47.319.6200.50  |        |              |                      |
| 2               | SOLARIQ E30                                              | /                   | M3     | 6.5mm        | 33.3mm/ 2-@180°      |
| 3               | PrevaLED Core AC<br>PrevaLED Core Z3<br>PrevaLED Core Z4 | /                   | M3     | 6.5mm        | 35.0mm/ 2-@180°      |
|                 | SOLARIQ S19                                              | AAG.STUCCHI:8503-G2 |        |              |                      |
|                 |                                                          | BJB:47.319.2170.50  |        |              |                      |
|                 | SOLARIQ p13                                              | IDEAL:50-2101CR     |        |              |                      |
|                 |                                                          | BJB:47.319.2131.50  |        |              |                      |

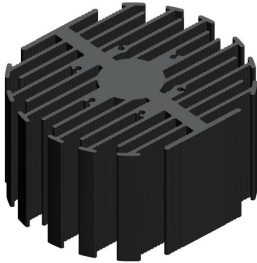




*eLED*

**eLED-OSR-9550 Osram Modular Passive Star LED Heat Sink Φ95mm**

**The thermal data table**

|                                                                                                            |                       |
|------------------------------------------------------------------------------------------------------------|-----------------------|
|  <p><i>eLED-9550</i></p> |                       |
| <b>Model No.</b>                                                                                           | <b>eLED-OSR-9550</b>  |
| <b>Size</b>                                                                                                | <b>Φ95xH50mm</b>      |
| <b>Material</b>                                                                                            | <b>AL6063-T5</b>      |
| <b>Finish</b>                                                                                              | <b>Black Anodized</b> |
| <b>Weight(gr)</b>                                                                                          | <b>353</b>            |
| <b>Thermal Wattage</b>                                                                                     | <b>40.5W</b>          |
| <b>HeatsinkΘs-a²</b>                                                                                       | <b>108320</b>         |
| <b>Heat Sink T Rise Above Ambient</b>                                                                      | <b>1.25</b>           |

| $P_d = P_e \times (1 - \eta_L)$<br>Dissipated Power Pd(W) |    | Heat sink to ambient thermal resistance Rhs-amb (°C/W) | Heat sink to ambient temperature rise Ths-amb (°C) |
|-----------------------------------------------------------|----|--------------------------------------------------------|----------------------------------------------------|
|                                                           |    | eLED-OSR-9550                                          |                                                    |
|                                                           | 10 | 1.80                                                   | 18                                                 |
|                                                           | 20 | 1.40                                                   | 28                                                 |
|                                                           | 30 | 0.97                                                   | 29                                                 |
|                                                           | 40 | 1.25                                                   | 50                                                 |
|                                                           | 50 | 1.18                                                   | 59                                                 |
|                                                           |    |                                                        |                                                    |

