

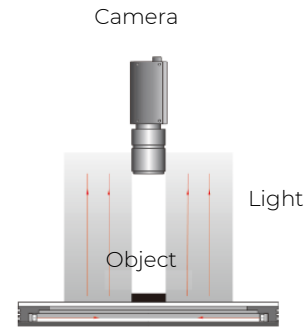
Side Lit Collimated Backlight Series

V2.2



Applications

- Dimension measurement
- Robots pick and place
- Inspections of translucent objects



Frontal backlight for large-field high uniformity illumination.

Technical specifications

| | | |
|--|------------------------------|---|
| Light color | White (W) | 5500 – 7000K |
| | Red (R) | 620 – 630nm |
| | Green (G) | 520 – 530nm |
| | Blue (B) | 460 – 475nm |
| | Infrared (IR) | On request |
| | Ultraviolet (UV) | On request |
| Connector | JST-SMR-03V-B (FCB-3) | <p>1 : +24V 2: NC 3: GND</p> |
| | Operating environment | Temperature 0~40 °C Humidity 20~85 % |
| Certification | CE / RoHS | |
| Accessories | VA-CABLE-MVL-FCB3-1m | 1 meter extension cable |
| | VA-CABLE-MVL-FCB3-3m | 3 meter extension cable |
| | VA-CABLE-MVL-FCB3-OE-3m | 3 meter open end cable |
| | VA-CABLE-MVL-FCB3-5m | 5 meter extension cable |
| Compatible Power Supply (Dimmable/ Trigger) | VA-PS2-A4-60W-24V | Analog 4 Channel / 24V / Total 60W / Max. 36W per channel |
| | VA-PS2-A2-150W-24V | Analog 2 Channel / 24V / Total 150W / Max. 72W per channel |
| | VA-PS2-A4-150W-24V | Analog 4 Channel / 24V / Total 150W / Max. 48W per channel |
| | VA-PS5-D4-150W-24V | Digital 4 Channel / 24V / Total 150W / Max. 72W per channel |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

Product table

| Model | Color ○ ● ● ● | Emitting surface (mm) | Voltage | Power (R)* | Power (W/G/B)* | Dimensions (mm) | Weight (gram) | Express Stock |
|------------------|------------------|--------------------------|---------|---------------|-------------------|--------------------|------------------|------------------|
| VA-BLSL2-50x50 | W/R/G/B | 50x50 | 24V | 3 | 10.9 | 84x84x12.5 | 170 | No |
| VA-BLSL2-70x70 | W/R/G/B | 70x70 | 24V | 5.9 | 7.9 | 104x104x12.5 | 240 | No |
| VA-BLSL2-90x90 | W/R/G/B | 90x90 | 24V | 6.3 | 12.6 | 124x124x12.5 | 370 | No |
| VA-BLSL2-110x110 | W/R/G/B | 110x110 | 24V | 6.8 | 12.6 | 144x144x12.5 | 470 | No |
| VA-BLSL2-150x100 | W/R/G/B | 150x100 | 24V | 4.4 | 10 | 184x134x12.5 | 490 | No |
| VA-BLSL2-200x160 | W/R/G/B | 200x160 | 24V | 6.5 | 12.1 | 234x234x12.5 | 820 | No |
| VA-BLSL2-200x200 | W/R/G/B | 200x200 | 24V | 6.7 | 26.3 | 284x234x12.5 | 1020 | No |
| VA-BLSL2-250x200 | W/R/G/B | 250x200 | 24V | 7.5 | 16.8 | 334x234x12.5 | 1240 | No |
| VA-BLSL2-300x200 | W/R/G/B | 300x200 | 24V | 8.2 | 16.6 | 334x234x12.5 | 1450 | No |
| VA-BLSL2-300x300 | W/R/G/B | 300x300 | 24V | 15.5 | 35 | 334x334x12.5 | 1980 | No |
| VA-BLSL2-400x300 | W/R/G/B | 400x300 | 24V | 12.3 | 24 | 434x334x12.5 | 2500 | No |
| VA-BLSL2-600x400 | W/R/G/B | 600x400 | 24V | 14.6 | 36.3 | 634x434x12.5 | 4480 | No |

*Tolerance +/- 10%

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

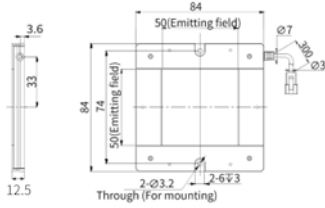
This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications.

It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof.

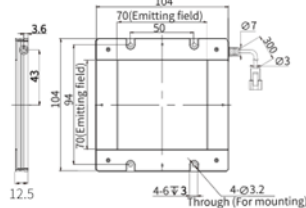
Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

Technical drawing

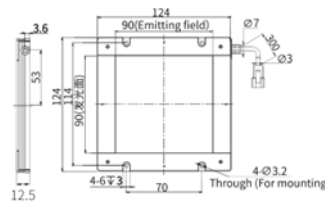
VA-BLSL2-50x50



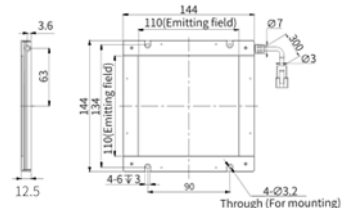
VA-BLSL2-70x70



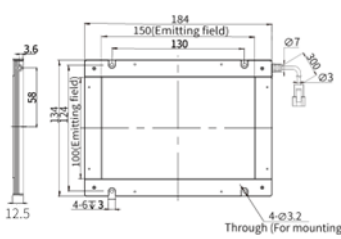
VA-BLSL2-90x90



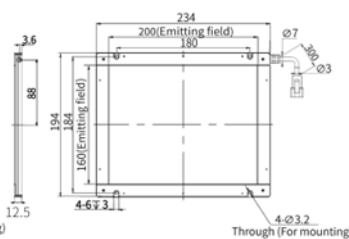
VA-BLSL2-110x110



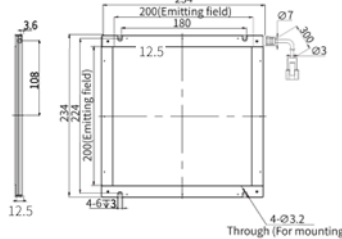
VA-BLSL2-150x100



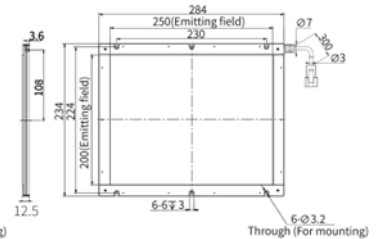
VA-BLSL2-200x160



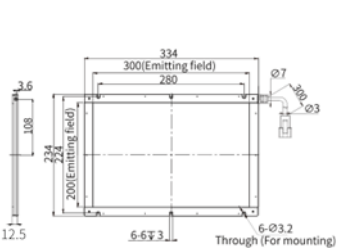
VA-BLSL2-200x200



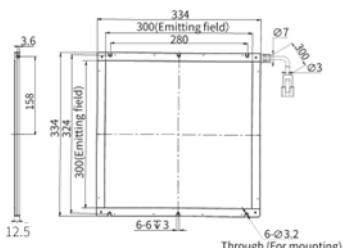
VA-BLSL2-250x200



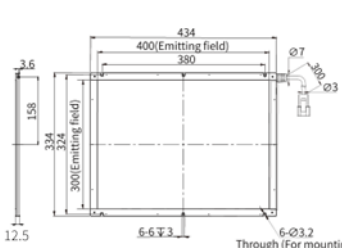
VA-BLSL2-300x200



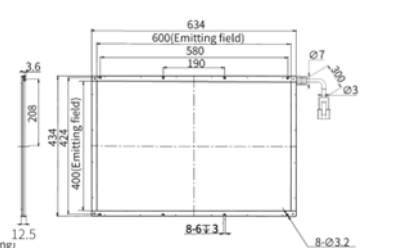
VA-BLSL2-300x300



VA-BLSL2-400x300



VA-BLSL2-600x400



The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications.

It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof.

Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

Product number

| VA – BLSL2 | - Emitting surface | - Color | - COL |
|------------|--------------------|---------|-------|
| | 50x50 | W | |
| | 70x70 | R | |
| | 90x90 | G | |
| | 110x110 | B | |
| | 150x100 | | |
| | 200x160 | | |
| | 200x200 | | |
| | 250x200 | | |
| | 300x200 | | |
| | 300x300 | | |
| | 400x300 | | |
| | 600x400 | | |