

# Flat backlights

LS-LBPS-C series · Backlights · 9 models

Wide-angle SMD LEDs in a high-density layout for good uniformity  
Added parallel film for better light directionality

## Features

- Wide-angle SMD LEDs in a high-density layout for good uniformity
- Added parallel film for better light directionality
- Available in custom sizes and wavelengths
- Multiple mounting options



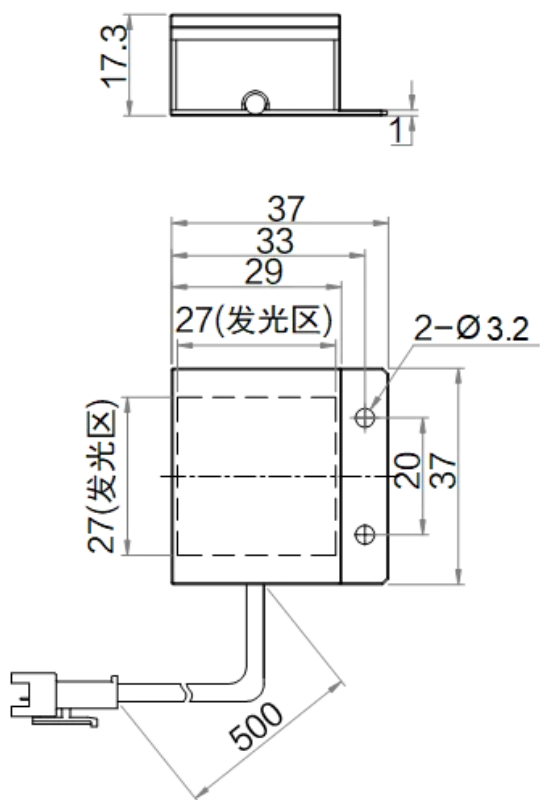
## Common specifications

|                        |                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| Connector type         | SMR-03V-B                                                                                                    |
| Cable length           | 500 mm                                                                                                       |
| Temperature            | Working temperature: 0 °C to 40 °C (32 °F to 104 °F); Storage temperature: -20 °C to 60 °C (-4 °F to 140 °F) |
| Humidity               | 20% to 85% RH (non-condensing)                                                                               |
| Diffuse plate included | Included                                                                                                     |

## Models

| Model             | Color | Color temperature | Power  | Dimension                 | Emitting area dimension |
|-------------------|-------|-------------------|--------|---------------------------|-------------------------|
| LS-LBPS-27-27-W   | White | 6000~7000K        | 1.6 W  | 37 mm × 37 mm × 17.3 mm   | 27 mm × 27 mm           |
| LS-LBPS-50-50-W   | White | 6000~7000K        | 3.8 W  | 78 mm × 64 mm × 21 mm     | 50 mm × 50 mm           |
| LS-LBPS-50-50-B   | Blue  | -                 | 3.2 W  | 78 mm × 64 mm × 21 mm     | 50 mm × 50 mm           |
| LS-LBPS-100-50-B  | Blue  | -                 | 6.5 W  | 135 mm × 65 mm × 22 mm    | 100 mm × 50 mm          |
| LS-LBPS-100-100-W | White | 6000~7000K        | 19.2 W | 135 mm × 115 mm × 22 mm   | 100 mm × 100 mm         |
| LS-LBPS-150-100-W | White | 6000~7000K        | 26.4 W | 180 mm × 114 mm × 20 mm   | 150 mm × 100 mm         |
| LS-LBPS-120-120-R | Red   | -                 | 11 W   | 155 mm × 135 mm × 21 mm   | 120 mm × 120 mm         |
| LS-LBPS-120-120-W | White | 6000~7000K        | 19.5 W | 155 mm × 135 mm × 21 mm   | 120 mm × 120 mm         |
| LS-LBPS-250-200-W | White | 6000~7000K        | 51.9 W | 232 mm × 262 mm × 20.5 mm | 250 mm × 200 mm         |

## Performance



Product views

