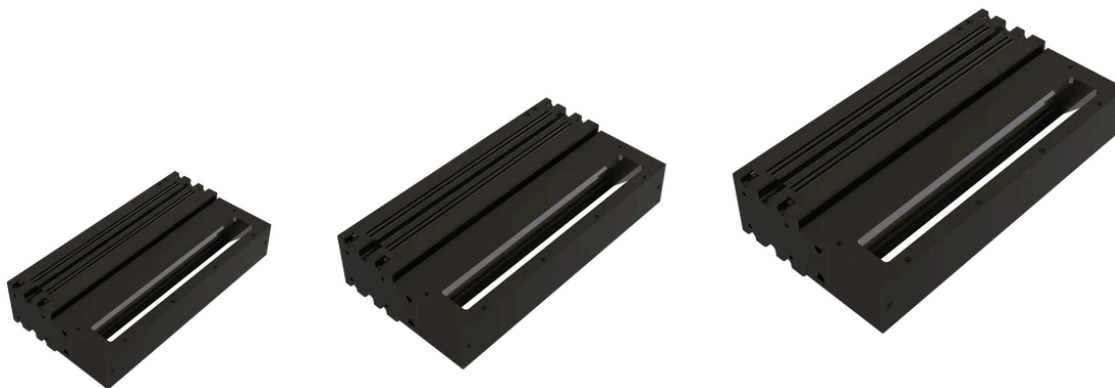


# Coaxial line scan light (COX)

LS-COX series · Line scan lights · 9 models



High-speed, large-format, high-brightness coaxial line illumination with a high-efficiency optical structure. Highly directional light reduces divergence and suits both glossy and matte workpieces.

## Features

- High-speed, large-format, high-brightness coaxial illumination.
- High-efficiency optical structure.
- Compatible with surface inspection of both glossy and matte workpiece.
- Highly directional illumination, reduces divergence and enhances inspection effectiveness.

## Applications

- Substrate component inspection
- Separator appearance check
- Touch panel damage/dent detection

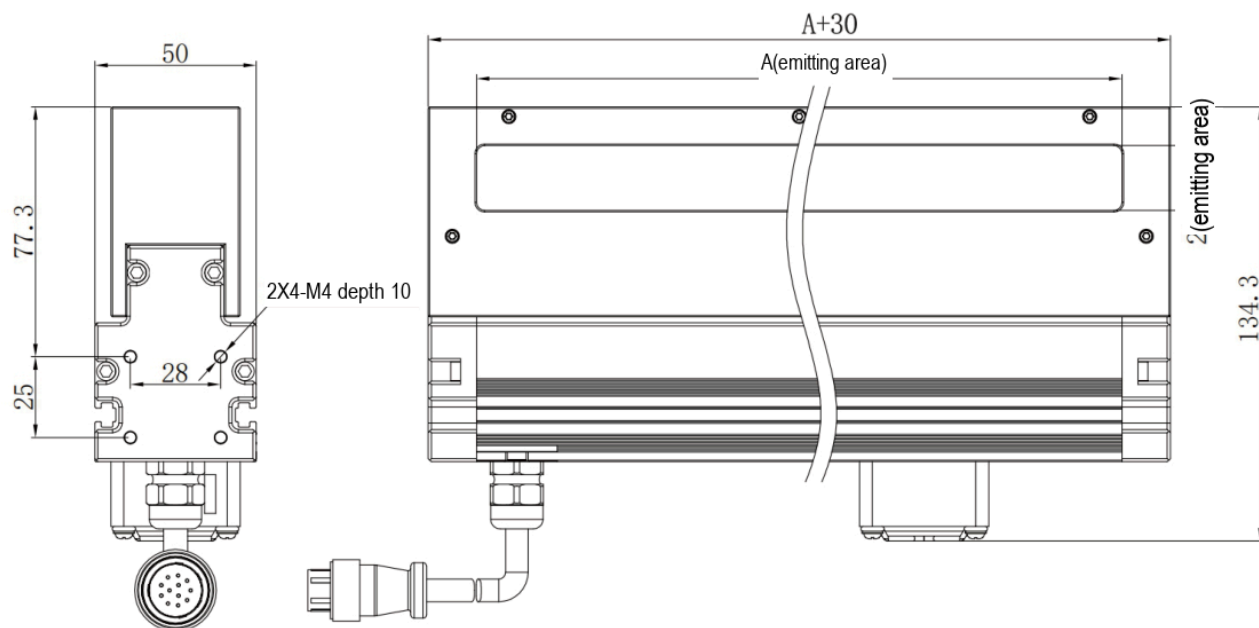
## Common specifications

|                |                                              |
|----------------|----------------------------------------------|
| Voltage (V)    | 48                                           |
| Colours        | Red, Green, Blue, White                      |
| Emitting width | 20 mm                                        |
| Outer width    | 50 mm                                        |
| Mounting       | 2X4-M4, 10 deep on end face (holes 28 apart) |

## Models

| Model                                          | Power R (W) | Power G/B/W (W) | Emitting area (mm) | Outer size L x W x H (mm) |
|------------------------------------------------|-------------|-----------------|--------------------|---------------------------|
| LS-COX-100<br>colours: Red, Green, Blue, White | 38          | 38              | 100x20             | 130x50x134.3              |
| LS-COX-150<br>colours: Red, Green, Blue, White | 50          | 58              | 150x20             | 180x50x134.3              |
| LS-COX-200<br>colours: Red, Green, Blue, White | 50          | 58              | 200x20             | 230x50x134.3              |
| LS-COX-250<br>colours: Red, Green, Blue, White | 58          | 68              | 250x20             | 280x50x134.3              |
| LS-COX-300<br>colours: Red, Green, Blue, White | 58          | 68              | 300x20             | 330x50x134.3              |
| LS-COX-400<br>colours: Red, Green, Blue, White | 80          | 110             | 400x20             | 430x50x134.3              |
| LS-COX-600<br>colours: Red, Green, Blue, White | 150         | 180             | 600x20             | 630x50x134.3              |
| LS-COX-700<br>colours: Red, Green, Blue, White | 180         | 210             | 700x20             | 730x50x137.3              |
| LS-COX-900<br>colours: Red, Green, Blue, White | 240         | 260             | 900x20             | 930x50x137.3              |

## Dimensions




Illumination Property Diagram


Uniformity (Relative Irradiance)

