

Long distance linear light (2LIPS)

LS-2LIPS series · Bar lights · 2 models

Crack detection in highway and railway tunnel structures is a crucial step to ensure tunnel safety and stability. By monitoring the stress characteristics and deformation of tunnel surrounding rock and supporting lining structures, early signs of hazards such as collapses and large deformations can be identified, allowing timely maintenance measures to be taken to safeguard construction safety. In modern automated scanning and monitoring systems, our 2nd-generation long-distance linear light source, used in conjunction with line-scan cameras, enhances the visibility of defects like cracks and deformations in color images, with high color reproduction accuracy. Crack detection data from these



Features

- The brightness of the upgraded new model has been more than doubled
- Matched with line scan camera
- Fan cooling or natural cooling optional
- Used for railway, high-speed rail high-speed inspection applications

Applications

- Matched with line scan camera
- Rail defects inspection
- High-speed rail, subway and other high-speed inspection
- Tunnel, road surface inspection
- Car body scan in long distance

Common specifications

Note UV & IR light can be customized as required.

Models

Model	Model as printed	Dimension	Voltage	Power
LS-2LIPS385 colours: W	LS-2LIPS385-W	L385xW231.92xH50(mm)	24V	350W
LS-2LIPS385-H	-	L385xW253.1xH50(mm)	48V	520W

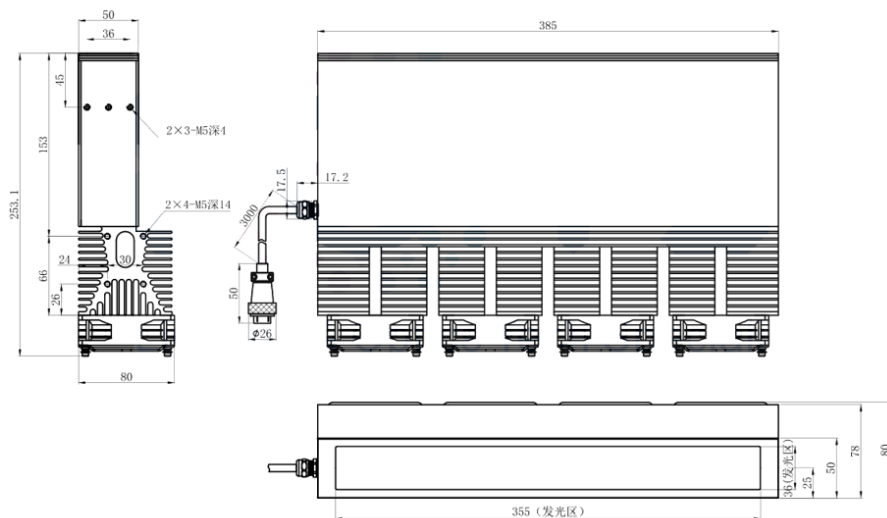
Dimensions

LS-2LIPS385-H



单位 mm (毫米)
比例 1:1
版本 NO 2.0

产品型号 LS-2LIPS385-H
LED发光色 R(红)/W(白)
输入电压 DC 48V(max)
消耗功率 /

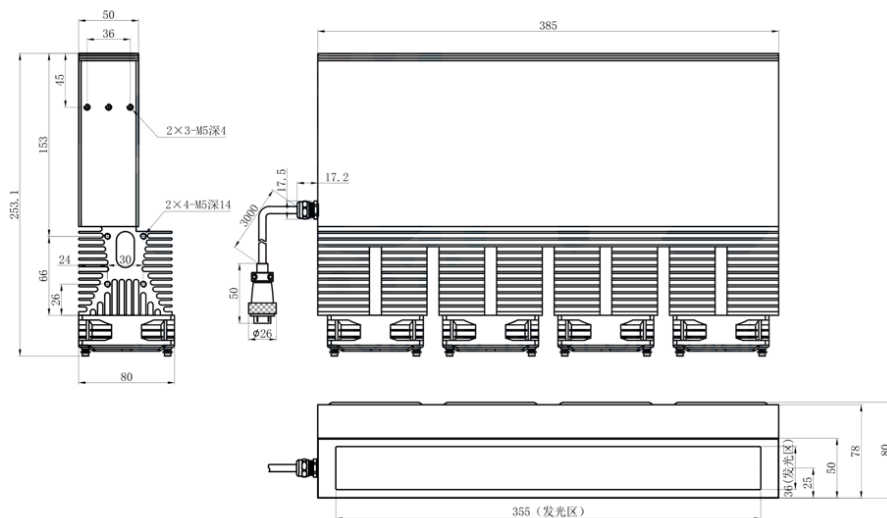


LS-2LIPS385-H



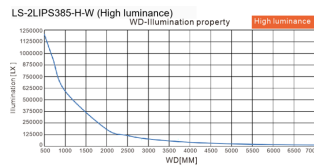
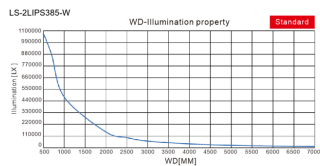
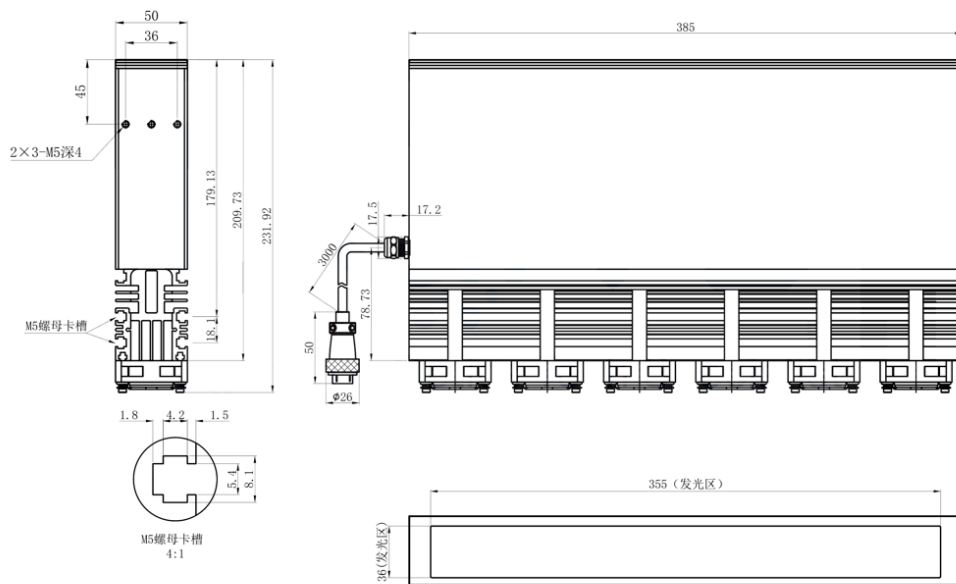
单位 mm (毫米)
比例 1:1
版本 NO 2.0

产品型号 **LS-2LIPS385-H**
LED发光色 R(红)/W(白)
输入电压 DC 48V(max)
消耗功率 /



单位	mm (毫米)
比例	1:1
版本	NO 1.0

消耗功率 /



Brightness comparison chart

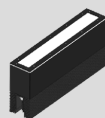
◆ 2LIPS & LIPS comparison brightness compared

LIPS385-W

2LIPS385-W

Brightness doubled

Customized



Changeable:

- Length
- Color and color temp.
- Length of cable
- Installation method

Schematic Diagram



Inspection of cracks, settlement and displacement in railway, highway and other tunnels.

