

Square shadowless light (RIH)

LS-RIH series · Shadowless lights · 4 models



Square shadowless light with vertically distributed LEDs, high uniformity and high luminance, for workpieces that need a balanced surface; reduces reflected light and flare.

Features

- LEDs distributed vertically
- High uniformity, high luminance
- For workpieces that need a balanced surface
- Reduces reflected light and flare
- Customizable: Length and width, Colour & colour temperature, Cable length, Installation method
- UV & IR versions can be customized as required

Applications

- Cigarette case surface inspection
- Integrated circuit material strap inspection
- Lead pin pitch inspection
- Integrated circuit character inspection
- Metal surface scratch inspection
- Imaging example: packing contour inspection (LS-RIH15075-W), obvious high-contrast contour

Colours

R	620-630 nm
G	525-530 nm
B	465-470 nm
W	6600 K

Common specifications

Voltage	24 V
Min. size	156 mm x 113 mm
Max. size	200 mm x 180 mm

Recommended working distance	10~100 mm
FOV	1~150 mm
Colour temperature of white	6600 K
Cable length (drawing)	500 mm
Operating temperature	0-50 °C
Operating humidity	20-85% (non-condensing)
Life-span	50000 h (to 50% of factory default luminance)
Adapted controllers	Strobe controller, analog controller, digital controller
Extension cable options	PVC extension cable (high flexibility, bending and high-temperature resistant, for use inside equipment); high-flexibility extension cable (harder, more abrasion resistant, for drag-chain production lines)

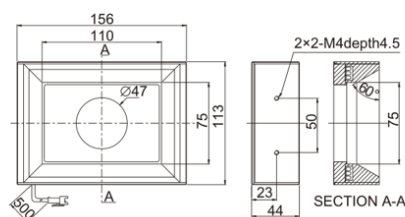
Ordering code: LS-RIH####-R/G/B/W/IR/UV (first ## = inner length, second ## = inner width; last field = colour)

Models

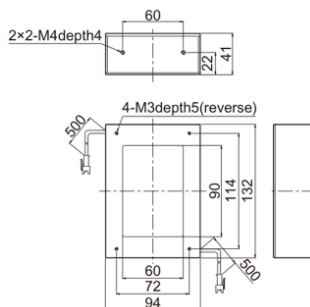
Model	Power (R)	Power (G/B/W)	Weight	Common model	Dimension drawing no.
LS-RIH11075 colours: R, G, B, W	8.2W	12.5W	610 g	Y	1
LS-RIH13294 colours: R, G, B, W	13.5W	20.2W	481 g	N	2
LS-RIH15075 colours: R, G, B, W	8.6W	14.4W	756 g	Y	3
LS-RIH232140 colours: R, G, B, W	10.6W	15.9W	1178 g	N	4

Dimensions

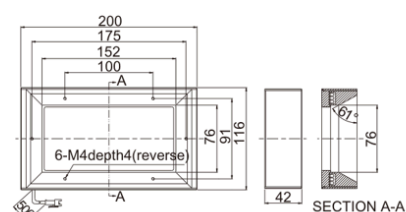
1.LS-RIH11075



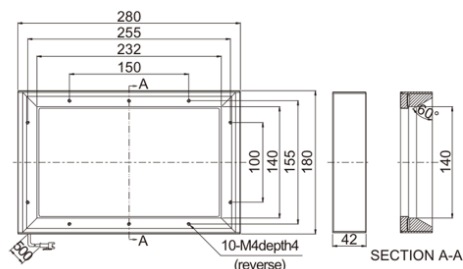
2.LS-RIH13294



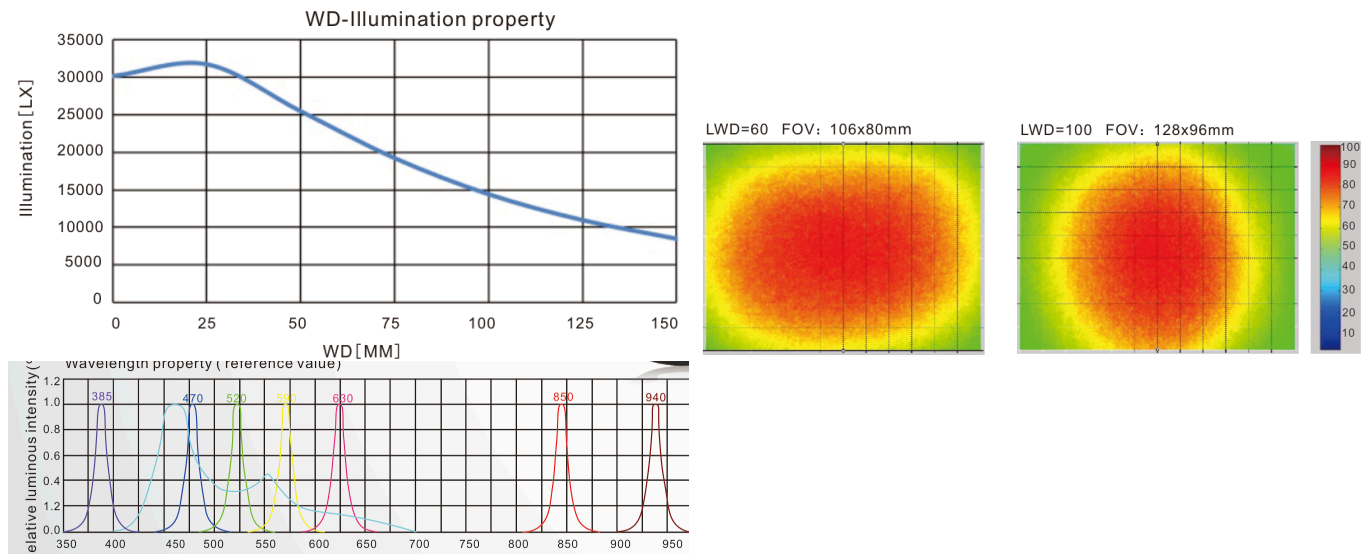
3.LS-RIH15075



4.LS-RIH232140



Performance



Product views

