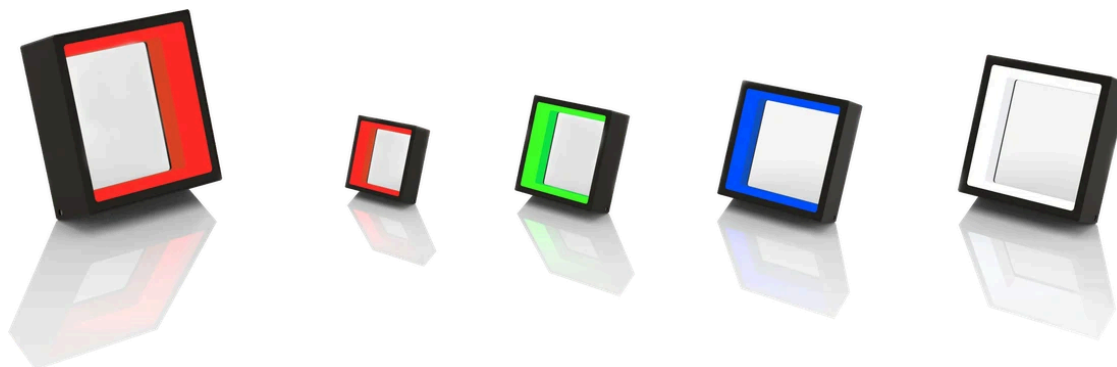


Square shadowless light (SQ series)

LS-SQ series · Shadowless lights · 8 models



Square shadowless light with high brightness and high uniformity, ideal for square-shaped objects. It lights the four-corner contours that a ring light struggles to reach and prevents reflective projections; the illumination area can be customized.

Features

- Illumination area can be customized.
- High-brightness, high uniformity.
- Ideal for square-shaped objects.
- Capable of detecting the contours of the four corners that are difficult to illuminate with ring light, and prevents reflective projections.

Applications

- Print surface defect check
- Pin/leg flatness inspection
- Metal scratch detection
- Solder joint inspection
- Pin/leg bend, loss, dirt check
- PCB appearance & pattern inspection
- Diameter and surface character inspection for small fans
- Surface defect detection for chips

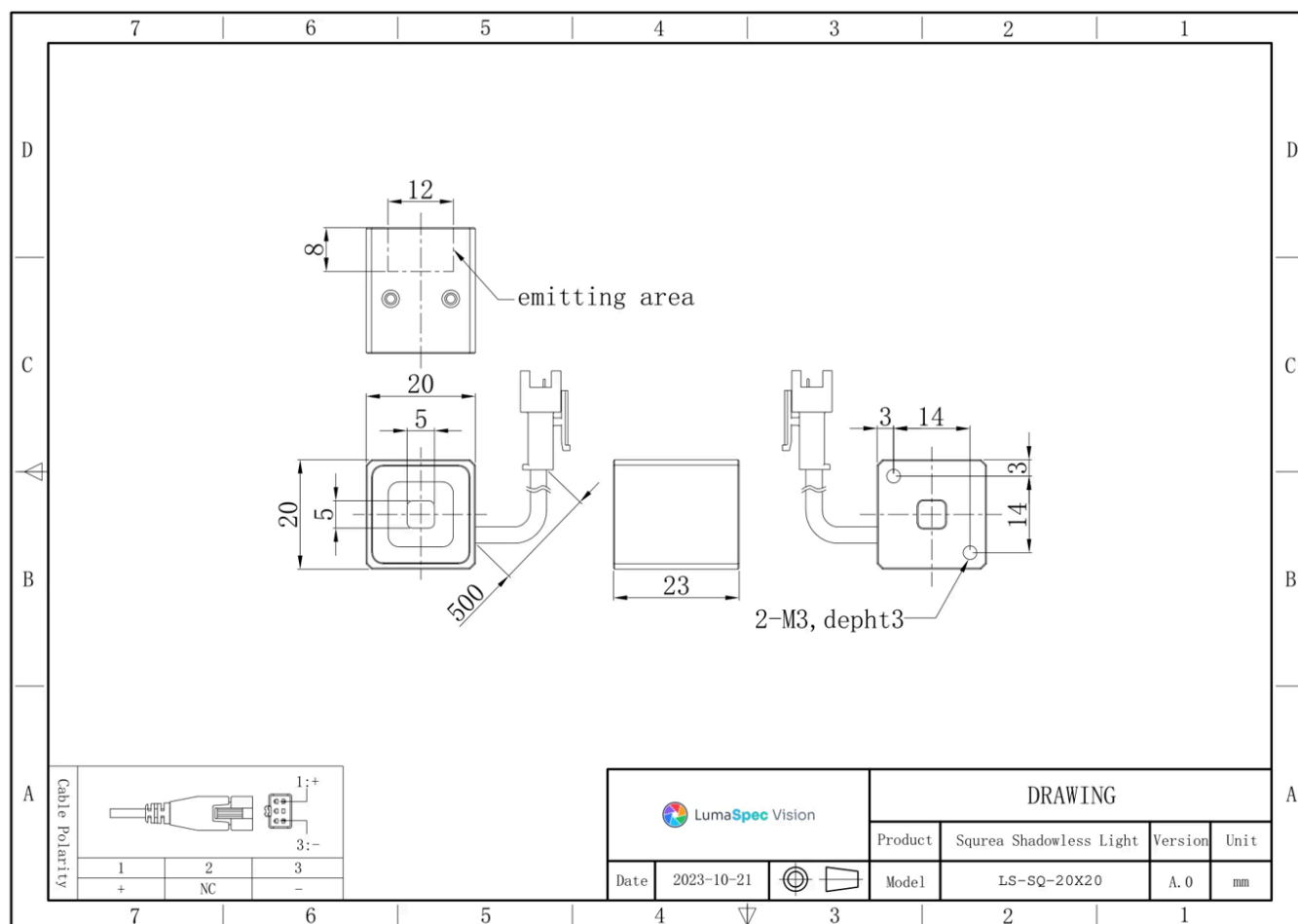
Common specifications

Voltage (V)	24
Colours	Red, Green, Blue, White
Cable lead (mm, per drawings)	500

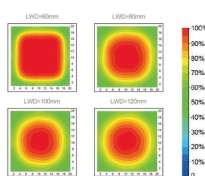
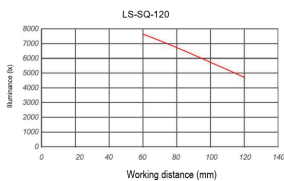
Models

Model	Inner dia (mm)	Power R (W)	Power W/B/G (W)	L x W x H (mm)
LS-SQ-20 colours: Red, Green, Blue, White	5x5	2.5	3	20x20x23
LS-SQ-32 colours: Red, Green, Blue, White	10x10	3	3.5	32x32x30
LS-SQ-48 colours: Red, Green, Blue, White	26x26	3	3.5	48x48x30
LS-SQ-75 colours: Red, Green, Blue, White	53x53	4	5.5	75x75x30
LS-SQ-96 colours: Red, Green, Blue, White	74x74	4.5	6	96x96x30
LS-SQ-120 colours: Red, Green, Blue, White	98x98	8	10	120x120x30
LS-SQ-200X120 colours: Red, Green, Blue, White	177x97	16	19	200x120x30
LS-SQ-300X200 colours: Red, Green, Blue, White	268x168	20	26	200x300x30

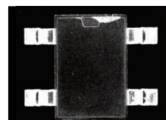
Dimensions



Performance



Diameter and surface character inspection for small fans



Surface defect detection for chips



QR code inspection for PCB boards



Surface damage detection for ceramic tiles/pieces