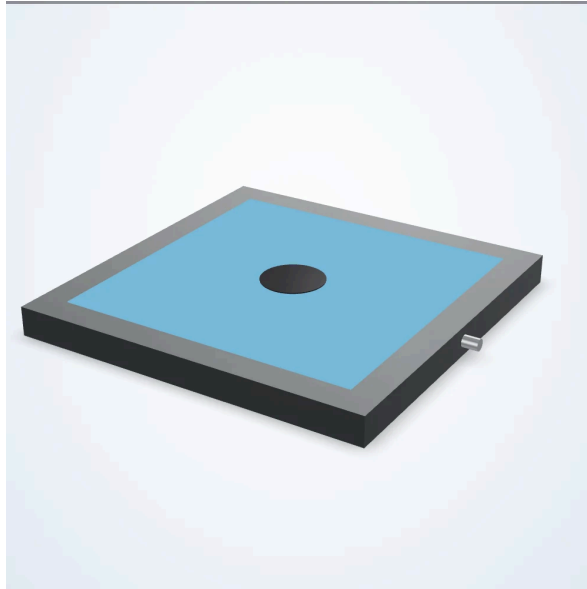


Flat dome light, 306-459 x 306-459 mm lit area

LS-FDL-0010 series · Shadowless lights · 1 model

Flat dome (shadowless) light: diffuse on-axis illumination from a thin panel with a camera viewport, for flat shiny parts and labels under film. 24 VDC supply; connection: 5 pin m12 male a-coded. Choose colour, lit length, length, width below (10 configurations) and request a quote. Rendered illustration: the actual product may differ in appearance.



Options

Colour	470nm Blue, 530nm Green, 625nm Red, 850nm Infrared, WHITE
Lit length (mm)	306, 459
Length (mm)	366, 519
Width (mm)	366, 519

Order by the full LS number of the chosen configuration; we confirm it with your quote.

Common specifications

Lens / beam angle	Diffused
Lit width (mm)	306 / 459 (by configuration)
Height (mm)	30
Viewport diameter (mm)	65
Voltage	24 VDC
Connector	5 Pin M12 Male A-Coded
Connection at light	Connectorized
Driver included	Included
Driver location	Internal
Intensity control	Analog Voltage

Operating modes	Constant On, Constant On – Dimmable, Overcurrent Strobe
Strobe trigger input	NPN Trigger, PNP Trigger
Operating temperature	-18 to 40 °C
IP rating	IP50
Housing	Aluminum
Mounting	T-Slot Channels
Collimated	Not Collimated
Daisy chain	No
Diffused	Diffused
Direct connect	No
Driver nomenclature	SVL Multi-Drive
Maximum constant on current (ma)	1260 / 1980 (by configuration)
Maximum current (overcurrent strobe) (ma)	1260 / 1980 (by configuration)
Maximum duty cycle (%)	10 / 100 (by configuration)
Maximum input power constant on (w)	30.2 / 47.5 (by configuration)
Maximum input power overcurrent strobe (w)	30 / 48 (by configuration)
Maximum overcurrent strobe duration (ms)	30 (by configuration)
Maximum overcurrent strobe duty cycle (%)	10 / 100 (by configuration)
Maximum overcurrent strobe frequency (hz)	4000
Maximum overcurrent strobe latency (us)	6
Minimum overcurrent strobe duration (us)	10 / 30 (by configuration)
NPN trigger current (ma)	14
NPN trigger voltage (v)	< 1 VDC
PNP trigger current (ma)	17.6
PNP trigger voltage (v)	4-24 VDC
Polarized	Not Polarized
Storage temperature	-20 to 60 °C
Compliance	CE, IEC 62471, RoHS

Models

Model

LS-FDL-0010

Product views

