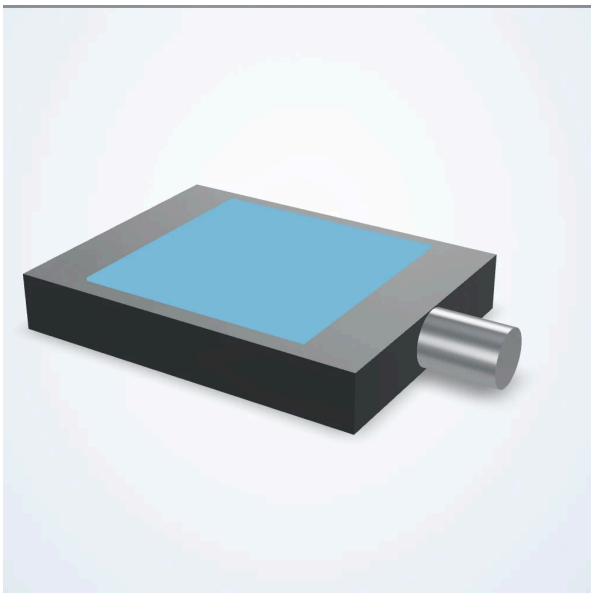
76.5 x 59 mm backlight

LS-BKL-0509 series · Backlights · 1 model

76.5 x 59 mm backlight. Lit area 50.5 x 50.5 mm. Connection: 5 Pin M12 Male A-Coded. Available in 4 configurations (color); choose one below and request a quote. Rendered illustration: the actual product may differ in appearance.



Options

Color	470nm Blue, 625nm Red, 850nm Infrared, WHITE

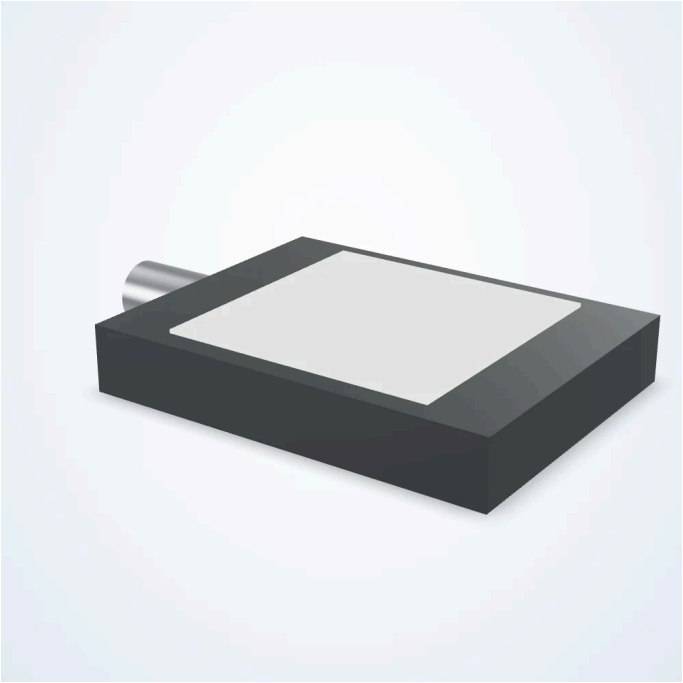
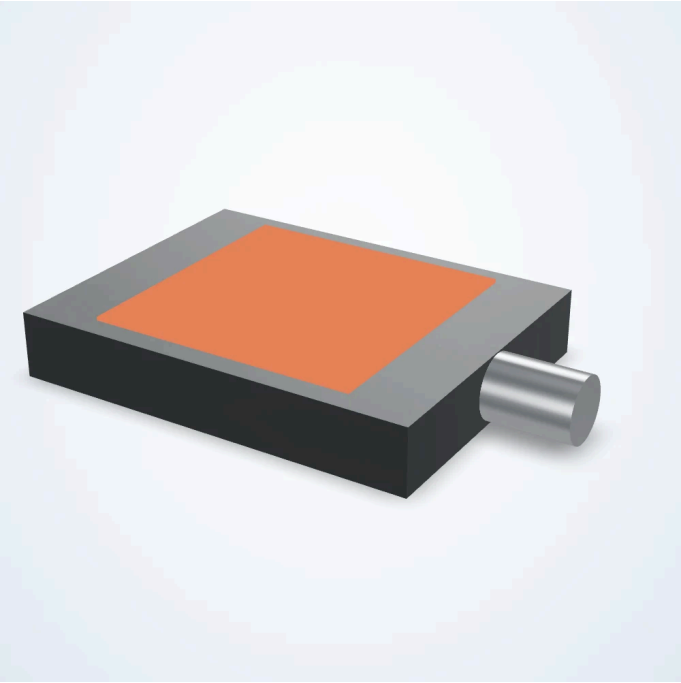
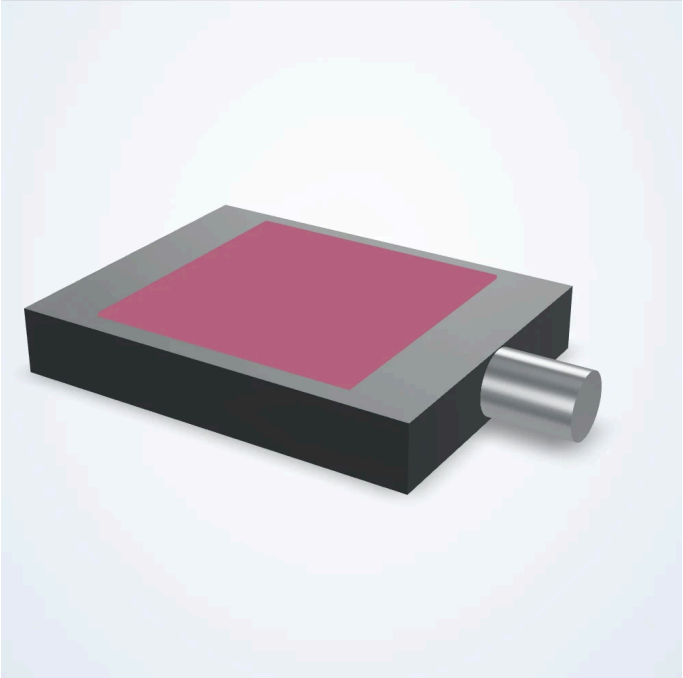
Order by the full LS number of the chosen configuration; we confirm it with your quote.

Common specifications

Active Length (mm)	50.5
Active Width (mm)	50.5
Collimated	Collimated
Compliances	CE, CSA, FCC, IEC 62471, KCC, REACH, RoHS, UL, UL 61010, WEEE
Connector Type	5 Pin M12 Male A-Coded
Connectorized At Light	Connectorized
Daisy Chain	No
Direct Connect	No
Driver Included	Included
Driver Location	Internal
Driver Nomenclature	SVL Multi-Drive
Height (mm)	12.4
Housing Material	Aluminum
IP Rating	IP50
Intensity Adjustment Type	Analog Voltage, SmartVisionLink
Length (mm)	76.5
Lens Angle	Diffused
Maximum Constant On Current (mA)	330

Maximum Current (Overcurrent Strobe) (mA)	1100
Maximum Duty Cycle (%)	100
Maximum Input Power Constant On (W)	7.9
Maximum Input Power Overcurrent Strobe (W)	26
Maximum Operating Temperature (C)	40
Maximum Operating Temperature (F)	104
Maximum Overcurrent Strobe Duration (ms)	50
Maximum Overcurrent Strobe Duty Cycle (%)	10
Maximum Overcurrent Strobe Frequency (Hz)	4000
Maximum Overcurrent Strobe Latency (us)	6
Maximum Storage Temperature (C)	70
Maximum Storage Temperature (F)	158
Maximum Strobe Current (mA)	330
Maximum Strobe Duration (ms)	No Limit
Maximum Strobe Duty Cycle (%)	100
Maximum Strobe Frequency (Hz)	4000
Maximum Strobe Input Power (W)	8
Maximum Strobe Latency (us)	10
Minimum Operating Temperature (C)	10
Minimum Operating Temperature (F)	50
Minimum Overcurrent Strobe Duration (us)	30
Minimum Storage Temperature (C)	-20
Minimum Storage Temperature (F)	-4
Minimum Strobe Duration (us)	30
Mounting Method	T-Slot Channels, Tapped Holes
NPN Trigger Current (mA)	12
NPN Trigger Voltage (V)	< 1 VDC
Operation Modes	Constant On, Constant On – Dimmable, Overcurrent Strobe, Strobe, Strobe – Dimmable
PNP Trigger Current (mA)	13.4
PNP Trigger Voltage (V)	3.3-24 VDC
Polarized	Not Polarized
Product Weight (Kg)	0.14
Product Weight (Lbs)	0.3
Strobe Trigger Input	NPN Trigger, PNP Trigger
Voltage	24 VDC
Width (mm)	59

Models

Model
LS-BKL-0509

Product views