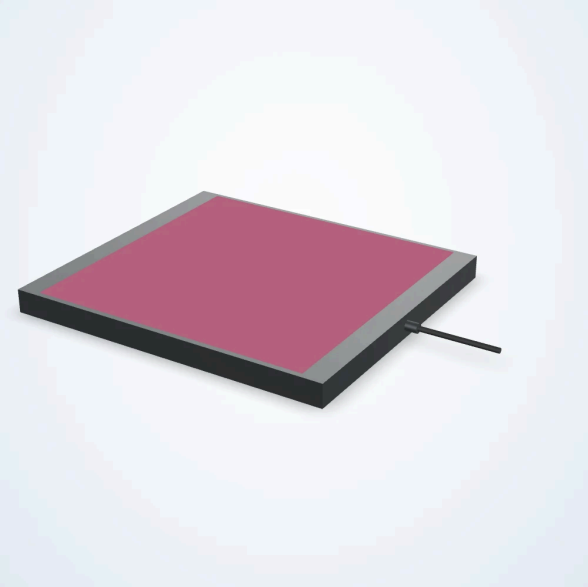
Backlight, 288.8 x 288.8 mm lit area

LS-BKL-0497 series · Backlights · 1 model

LED backlight for silhouette imaging: gauging, presence and edge inspection, with the part between the light and the camera. Lit area 288.8 x 288.8 mm; 24 VDC supply; connection: flying leads. Rendered illustration: the actual product may differ in appearance.

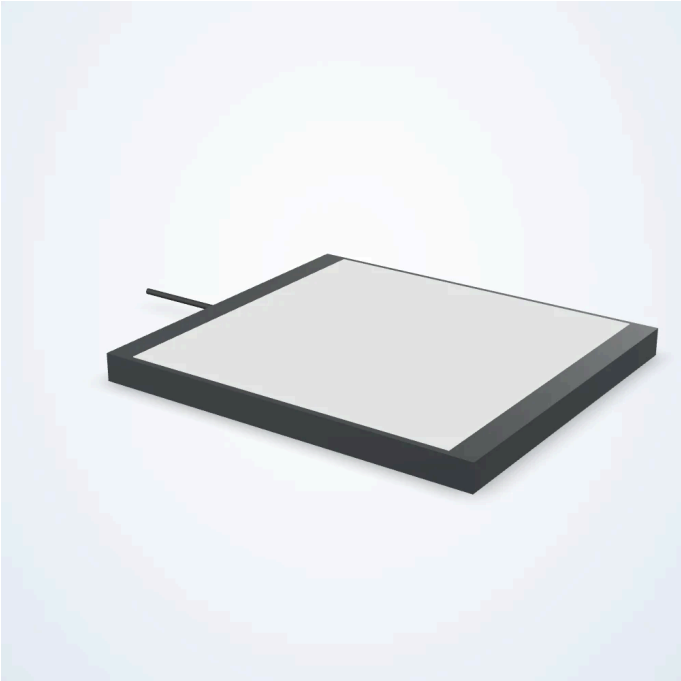


Common specifications

Colour	850nm Infrared
Lit length (mm)	288.8
Lit width (mm)	288.8
Length (mm)	334.8
Width (mm)	300
Height (mm)	24
Voltage	24 VDC
Connector	Flying Leads
Connection at light	Hardwired
Cable length (mm)	2000
Driver included	Included
Driver location	In Line
Intensity control	Analog Voltage
Operating modes	Constant On
Strobe trigger input	PNP Trigger
Operating temperature	up to 60 °C
IP rating	IP50
Housing	Aluminum

Mounting	Tapped Holes
Collimated	Not Collimated
Daisy chain	No
Diffused	Not Diffused
Direct connect	No
Driver nomenclature	iCS4 - I4
Max overcurrent strobe current	8000 mA
Max overcurrent strobe input power	150 W
Maximum constant on current (ma)	4669
Maximum current (overcurrent strobe) (ma)	8000
Maximum duty cycle (%)	100
Maximum input power constant on (w)	112.1
Maximum input power overcurrent strobe (w)	150
Maximum overcurrent strobe frequency (hz)	2000
Maximum overcurrent strobe latency (us)	20
NPN trigger voltage (v)	< 1 VDC
PNP trigger current (ma)	5
PNP trigger voltage (v)	2.5-30 VDC
Polarized	Not Polarized
Wavelength	850nm Infrared
Compliance	CE

Models

Model
LS-BKL-0497

Product views