



product features



- Large LED Backlight With Thin Profile
- M12 Quick Disconnect
- Custom Sizes Available
- Driver Built In – No External Wiring To A Driver
- Edge Lit LED Panel
- PNP and NPN Strobe Input
- Continuous Operation or Strobe Mode



product specifications

Electrical Input	24 VDC +/- 5%
Current	Based on size. Contact Smart Vision Lights
Wattage	Based on size. Contact Smart Vision Lights
Strobe Input	PNP ▶ +4VDC or greater to activate. NPN ▶ GND (<1VDC) to activate
PNP Line	3.7mA @ 3VDC 6.2mA @ 5VDC 12.6mA @ 10VDC 30.4mA @ 24 VDC
NPN Line	22mA @ Common (0VDC)
Continuous Mode	Light will be in continuous mode by leaving signal on strobe input active
Connection	5 pin M12 connector
Lifespan	100,000 hrs
IP Rating	IP50
Certification	CE and RoHS certified
IEC 62471 Rating	See page 3



product number key

LLP – XXX x XXX - XXX –» Part Number Key

Product Family:
Light Panel
LLP

Size:
Call for sizes

Color:
625 – Red
WHI - White

CE and RoHS Compliant



warnings



Attention

Please note that the power requirements vary according to size. Contact Smart Vision Lights for more information regarding current and wattage ratings.

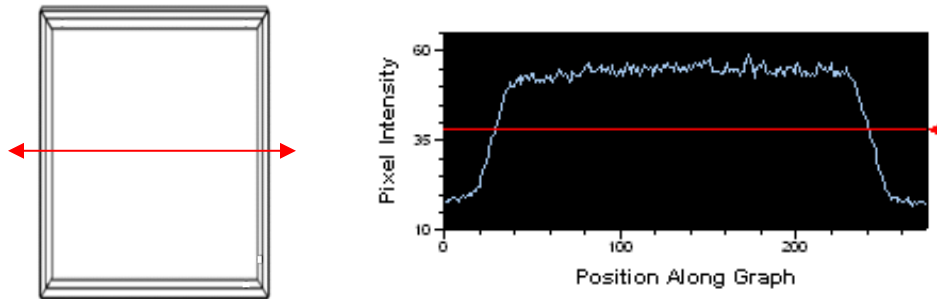


wiring configuration

	Pin	Function	Signal	Wire Color
	1	Power In	+24VDC	BROWN
	2	NPN	Sinking Signal	WHITE
	3	GND	Ground	BLUE
	4	PNP	Sourcing Signal	BLACK
	5	NOT USED	NOT USED	GREY



optical performance



The LLP offers a very diffuse light pattern at any defined working distance. The Pixel Graph representation shows a steep drop off in intensity outside of the active area with a very diffuse light pattern inside.

Average Intensity	6,000 lux
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*Lux measurement taken at surface of LLP.



mounting & accessories

M5 Screws



Threaded inserts in
aluminum frame



risk group

According to IEC 62471:2006. Full documentation upon request.

Notice

Exempt Group: No photobiological hazard to eyes or skin even for continuous, unrestricted use.
Applicable for wavelengths: 625 and WHI.