


product features


- Large LED Backlight with thin profile
- M12 Quick Disconnect
- Different Sizes Available
- Driver built in – No external wiring to a driver
- Edge Lite White LED panel
- PNP and NPN Strobe input
- Continuous operation or Strobe mode
- Analog intensity 0-10VDC signal


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
Potentiometer	Intensity control of 10% to 100% Clockwise increases intensity
Analog Intensity	The output is adjustable from 10 -100% of brightness by a 0 -10 VDC signal
Connection	5 pin M12 Integral QD 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:
470 - Blue
625 - Red
850 - IR
WHI - White

CE and RoHS Compliant



warnings

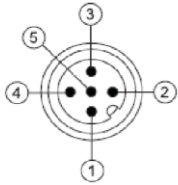


Attention

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



wiring configuration



- 1 – 24V
- 2 – NPN
- 3 – GND
- 4 – PNP
- 5 – 0-10V*

Standard M12 mating cable color code:

- BROWN
- WHITE
- BLUE
- BLACK
- *GRAY (GREEN/YELLOW)

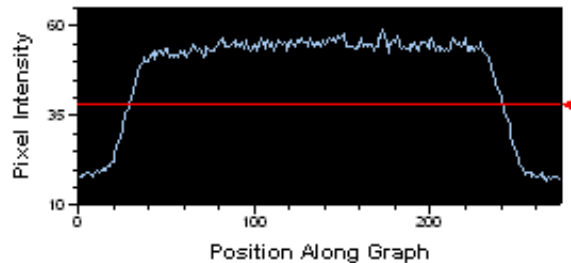
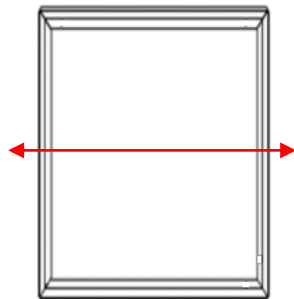
If Analog 0-10 VDC is not used to control light intensity;
+VDC (24VDC) must be connected to Analog Input - Jumper pin 5 to pin 1

PIN	Wire Color	Function	Signal
1	BROWN	Power	+24 VDC
2	WHITE	NPN Strobe	GND for Active ON
3	BLUE	Ground	GND
4	BLACK	PNP Strobe	4VDC to 30VDC for Active ON
5	GREEN	Analog Intensity Control	0-10 VDC

*Analog intensity only available in 470 and 850 models. Not available in 625 or WHI models.



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.

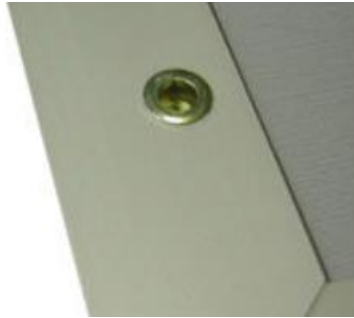
Average Intensity	4,200 lux
--------------------------	------------------

*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.