


**product features**


- Large LED Backlight with thin profile
- M12 Quick Disconnect
- Driver built in – No external wiring to a driver
- Edge Lite White LED panel
- Single or Multiple Holes
- PNP and NPN Strobe input
- Continuous operation or Strobe mode


**product specifications**

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


**product number key**

## LLP-H – XXX x XXX - XXX—» Part Number Key

Product Family:  
Light Panel  
LLP-H

Size:  
450x450  
600x600

Color:  
625 & WHI  
(White)

\* Lights come standard with Narrow lenses

CE and RoHS Compliant



## warnings

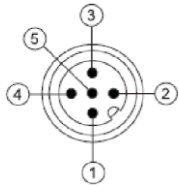


### Attention

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 – NC

### Standard M12 mating cable color code:

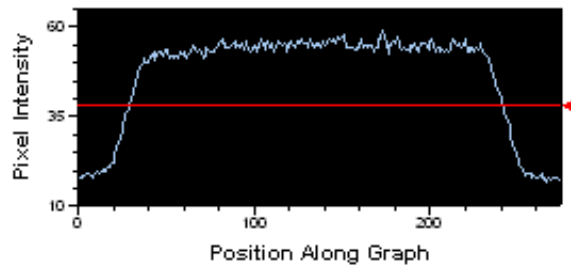
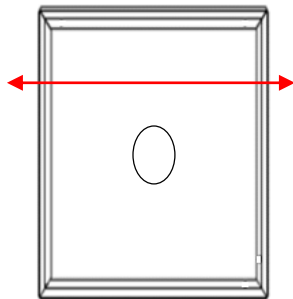
- BROWN
- WHITE
- BLUE
- BLACK
- No Used

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	NC	Not Used



## optical performance

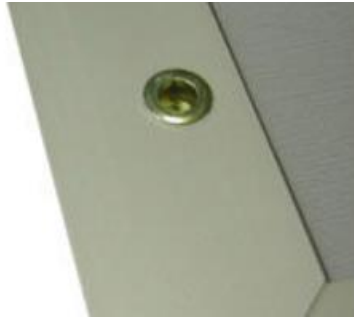


The LLP offers a very diffuse light pattern at any defined working distance. The Pixel Graph representation shows a steep drop off in intensity outside of the active area with a very diffuse light pattern inside.



## 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.