



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
- Single or Multiple Holes
- 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 ► +3VDC 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 |
| Analog Intensity | Available Upon Request |
| 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-H – XXX x XXX - XXX—» Part Number Key

Product Family:
Light Panel
LLP-H

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.

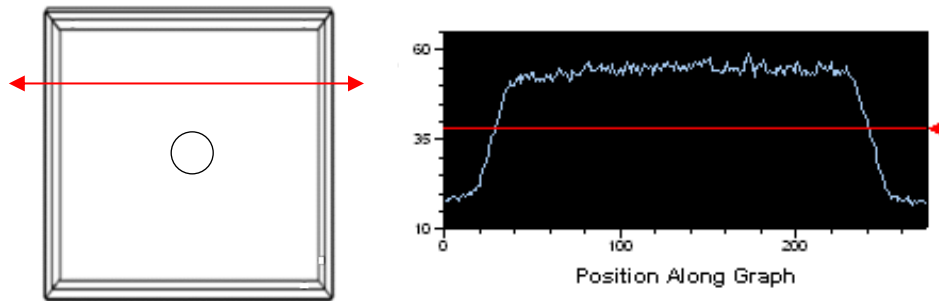


wiring configuration

| | 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-H 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.

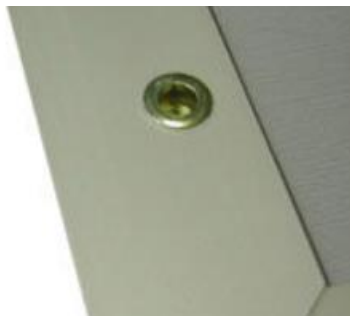
| | |
|-------------------|-----------|
| Average Intensity | 6,000 lux |
|-------------------|-----------|

*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.