

Manufacturer	Source colour	Light Output Area/Length	Injection process	Input voltage
PHLOX	LEDW	DL - Ø112 - LLUB	Q	1R - 24V
Source type	Product type	Range	Number of light sources/rows per circu	

# NEW!

PHLOX® EXCLUSIVE LIGHT PROCESS  
WORLDWIDE PATENT ISSUED

## White led DomeLight Ø112 with lightpipe technology

PHLOX - LEDW - DL - Ø112 - LLUB - Q - 1R - 24V



### Illumination

**Luminance minimum** ≥ 30000 cd/m<sup>2</sup> continuous mode

**Source Type**  
**Colour Temperature**


**White LED**  
**5700°K (+/500)**

**Expected Life**

**> 100 000 hours**

Scan for DS  
and 3D Files !

### Electrical

**Input Voltage** 24 VDC (continuous mode)  
**Input Current** ≤360 mA (continuous mode)  
**Cable length** 0.5 M - Ø 3.7 mm (2 ft - Ø 0.15")  
**Connector** None  
**Cable pinout**   
**CE Conformity** Yes  
**Strobe mode** Available in option

### Outer unit

**L x W x H** 160 x 160 x 73 mm (6.3 x 6.3 x 2.87")  
**Housing Material** Black Anodized Aluminium  
**Weight** 500 g (17.6 oz)  
**Mounting** 4 holes Ø3.8 mm

### Accessories

**LED Dimmer:** 28V-5A very compact and easy to use  
Product key: PHLOX DIM LIGHT

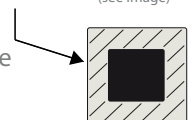
**Power supply:** 110V and 220V  
Product key: ALIM-24V-2.5A60WEU or ALIM-24V-2.5A60WUS



### Environmental

**Max. Operating Humidity** 75% non-condensing  
**Operating Temperature** 40°C (122°F) max  
**Storage Temperature** 60°C (140°F) max  
**Shelf life** 12 months from date of purchase  
**Max.temp.on housing** +70°C (+176°F)

area of temperature measurement  
30mm all along the edges of the back of  
the black anodized aluminium housing  
(see image)



Do not cover the domelight when it's switched on.

CLASS 0: NO RISK (CIE S2009:2002/NF EN 62471)

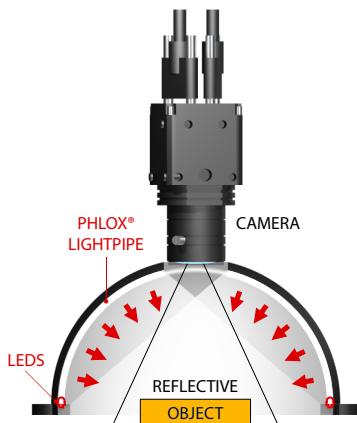
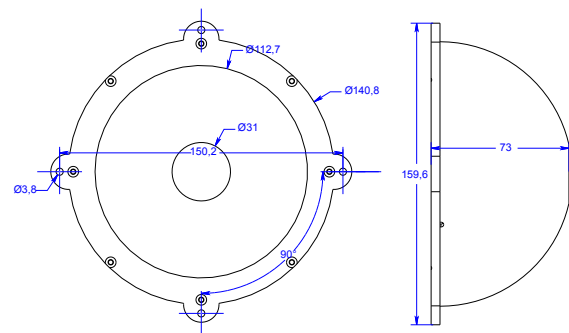
**RoHS** directive compliant

Each PHLOX Backlight is provided with:

- 24 months warranty
- Certificate of uniformity and luminance
- Seal of quality on the back

June 20, 2024

[www.phlox-gc.com](http://www.phlox-gc.com)



Phlox Dome lights uses Phlox lightpipe patented technology allowing better uniformity and efficiency. They are used for various applications due to their ability to provide diffuse and homogeneous illumination. This characteristic is crucial for eliminating shadows and unwanted reflections, which is particularly useful when inspecting shiny or complex surfaces.

Main applications :

**Inspection of Reflective Surfaces** or mirror-like materials such as polished metals, glass, and shiny plastics.

**Surface Quality Control.** To detect surface defects like cracks, chips, stains, and marks on objects such as electronic components, automotive parts, and packaging materials

**Code and Marking Inspection.**

**Assembly Inspection.**

**Inspection of Printing on Packaging.**

**Food Product Inspection,** especially those with reflective or irregular surfaces

**Jewelry and Gemstone Inspection**