

A VISION
AHEAD



HOW TO READ THE PRODUCT KEY

Manufacturer	Source colour	Light Output Area/Length	Range	Input voltage
PHLOX	LEDW	OPTIC-LINEAR	- X -	37,3x24,5 - LLUB - 1R - 24V
Source type	Product type	Profile size	Number of light sources' rows	

PHLOX® EXCLUSIVE LIGHT PROCESS

NEW !

White OPTIC Linear light and constant current

LARGE DEPTH OF FIELD
LESS THAN 20% LUMINANCE LOSS AFTER 100 000 HOURS (*)
LESS THAN 10% CHROMATICITY SHIFT AFTER 100 000 HOURS (*)

PHLOX - LEDW - OPTIC LINEAR - X - 37,3X24,5 - LLUB - 1R - 24V

OPTIC Linear lights by PHLOX® offer the best life cycle, the best chromaticity stability and the best luminance on the market, all in an ultra compact aluminium body.

DESIGNED FOR YOUR APPLICATION

High speed inspection (glass and plastic)
Linear inspection of reflective materials
Web inspection
Linear inspection of transparent materials
Large surface inspection
Quality control with transparency.

& YOUR INDUSTRIAL SECTOR

Glassmaking
Pharmaceutical/Cosmetics
Automotive
Agribusiness
Electronics
Aeronautics and space.

Illumination

Luminance minimum
Uniformity minimum
Source Type
Colour Temperature
Light Angular Distribution
Expected Life

≥ 1 000 000 cd/m2 continuous mode

White LED
5700°K (+/-500)

> 100 000 hours

Electrical

Input Voltage
Input Current
Cable length
Connector
Cable pinout
CE Conformity
Strobe mode

24 VDC (continuous mode)
CC (Amps ±5%)
0.6 M – Ø 3.7 mm (2 ft – Ø 0.14")
None
+
Yes

Not possible with 24V version, You need to order CUR version

Outer unit

L x W x H
Housing Material
Weight
Mounting

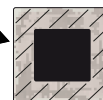
Dx 31 x 24.5mm (Di x 1.22 x 0.96") (+/- 2mm_0,0787")
Black Anodized Aluminium
From 86g (3 oz) up to 336g (11.85 oz)
Mounting with M4 screws

Environmental

Max. Operating Humidity
Operating Temperature
Storage Temperature
Shelf life
Max.temp.on housing

95% non-condensing
50°C (122°F) max
60°C (140°F) max
12 months from date of purchase
+80°C (+176°F)

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



IP40

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

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

RoHS directive compliant

CLASS 2 : Moderate RISK (CIE S2009:2002/NF EN 62471)

Each PHLOX OPTIC Linearlight is provided with:

- 24 months warranty
- Seal of quality on the back

See the drawing, product keys
and available lengths on next page.

April 17th, 2025

White OPTIC Linear light

COMPLETE YOUR PRODUCT KEY:

Source colour

Light Output Length

Input voltage

PHLOX - LED

- OPTIC LINEAR -

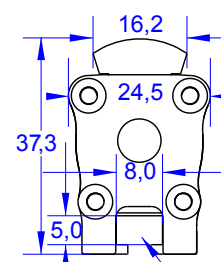
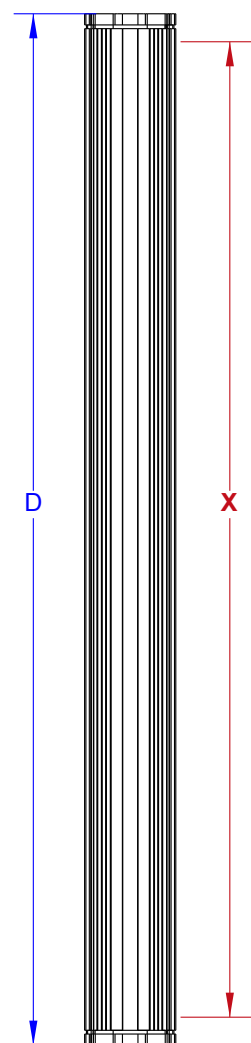
- 37,3X24,5 - LLUB - 1R -

Available colours: White, Red, IR850

Input types: 24V, Current

Light output length ↴

D (mm)	X (mm)	CC (A)
97	64	0,180
124	91	0,240
151	118	0,300
179	145	0,360
206	172	0,420
233	199	0,480
260	227	0,540
287	254	0,600
314	281	0,660
341	308	0,720
368	335	0,780
396	362	0,840
423	389	0,900
450	416	0,960
477	443	1,020
504	470	1,080
531	497	1,140
559	526	1,200
587	553	1,260
614	580	1,320
641	607	1,380
668	634	1,440
695	661	1,500
722	689	1,560
749	716	1,620
776	743	1,680
804	770	1,740
831	797	1,800
858	824	1,860
885	851	1,920
912	878	1,980
939	906	2,040
966	933	2,100
993	960	2,160



For mounting
using M4 screws