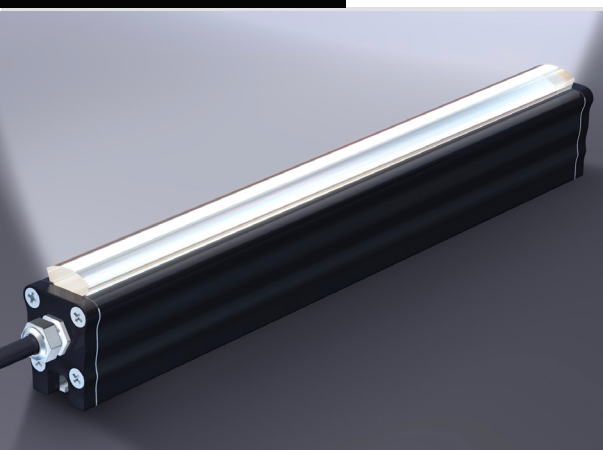


A VISION
AHEAD



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.

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

HOW TO READ THE PRODUCT KEY

Manufacturer	Source colour	Light Output Area/Length	Range	Input voltage
PHLOX - LEDR- 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 !

Red 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-LEDR-OPTIC- LINEAR - X - 37.3X24.5-LLUB -1R- 24V

Illumination

Luminance minimum **X ≤ 526** ≥ 300 000 cd/m² continuous mode
Luminance minimum **X > 526** ≥ 180 000 cd/m² continuous mode
Uniformity minimum

Source Type **Red LED**
Wavelength 630nm

Light Angular Distribution

Expected Life **> 100 000 hours**

Electrical

Input Voltage 24 VDC (continuous mode)

Input Current **CC** (Amps ±5%)

Cable length 0.6 M – Ø 3.7 mm (2 ft – Ø 0.14")

Connector None

Cable pinout  Yes

CE Conformity

Strobe mode

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

Outer unit

L x W x H

Housing Material

Weight

Mounting

Dx 37.3 x 24.5mm (Di x1.46x 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

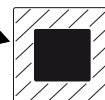
50°C (122°F) max

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

January 27th, 2026

Linear light with optic range

COMPLETE YOUR PRODUCT KEY:

Source colour

Light Output Length

Input voltage

PHLOX - LED

- OPTIC LINEAR -

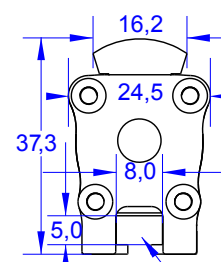
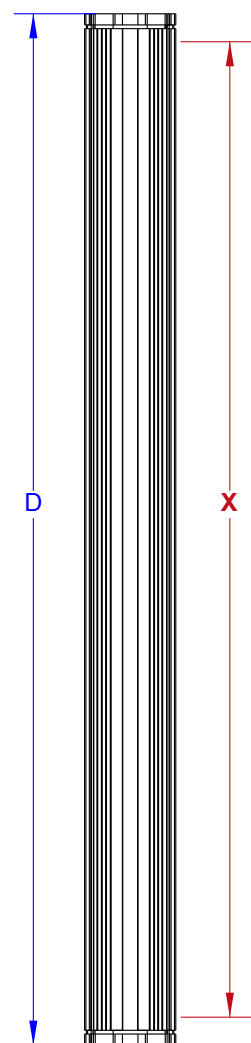
- 37.3X24.5 - LLUB - 1R -

Available colours: White, Red, IR850

Input types: 24V, Current

Light output length ↴

D (mm)	X (mm)	CC (A)
92	64	0,180
119	91	0,240
146	118	0,300
174	145	0,360
201	172	0,420
228	199	0,480
255	227	0,540
282	254	0,600
309	281	0,660
336	308	0,720
363	335	0,780
391	362	0,840
418	389	0,900
445	416	0,960
472	443	1,020
499	470	1,080
526	497	1,140
554	526	1,200
582	553	1,260
609	580	1,320
636	607	1,380
663	634	1,440
690	661	1,500
717	689	1,560
744	716	1,620
771	743	1,680
799	770	1,740
826	797	1,800
853	824	1,860
880	851	1,920
907	878	1,980
934	906	2,040
961	933	2,100
988	960	2,160



For mounting
using M4 screws