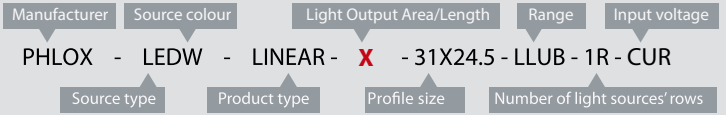


A VISION
AHEAD



HOW TO READ THE PRODUCT KEY



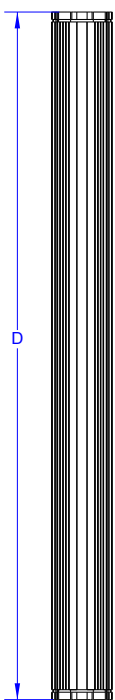
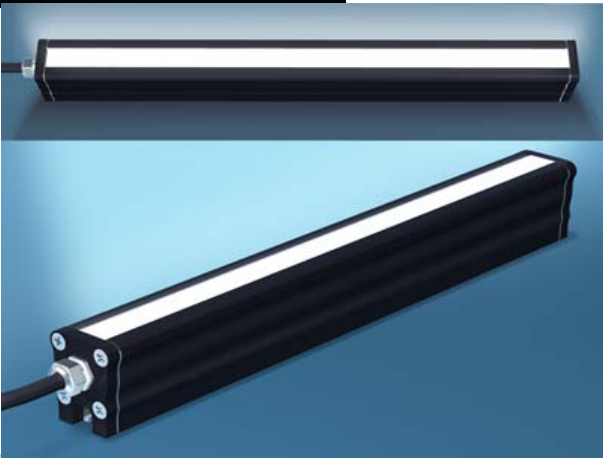
PHLOX® EXCLUSIVE LIGHT PROCESS

NEW !

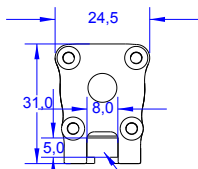
White led Linear light range

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

PHLOX - LEDW - LINEAR - X - 31X24.5 - LLUB - 1R - CUR



D	Di	X	CC
92	3.62	64	0.18
119	4.68	91	0.24
146	5.75	118	0.3
173.5	6.83	145	0.36
200.5	7.89	172	0.42
227.5	8.96	199	0.48
255	10.04	227	0.54
282	11.1	254	0.6
309	12.16	281	0.66
336	13.23	308	0.72
363	14.29	335	0.78
390.5	15.37	362	0.84
417.5	16.44	389	0.9
444.5	17.5	416	0.96
471.5	18.56	443	1.02
498.5	19.63	470	1.08
525.5	20.69	497	1.14
554	21.81	526	1.2



For mounting using M4 screws

Illumination

Luminance minimum **≥320 000 cd/m² continuous mode**
 Uniformity minimum **≥90% (+/- 10%) (X x4mm)**
 Source Type **White LED**
 Colour Temperature 5700°K (+/-500)
 Light Angular Distribution 15° 1/2 angle
 Expected Life **> 100 000 hours**

Electrical

Input Current (DC) **CC (Amps ±5%)**
 Cable length 0.6 M – Ø 3.7 mm (2 ft – Ø 0.14")
 Connector None
 Cable pinout
 CE Conformity Yes
 Strobe mode max 3 times CC for 10 ms pulse with 1/10 duty ratio

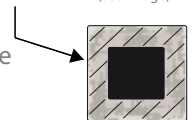
Outer unit

L x W x H **D x 31 x 24.5mm (Di x 1.22 x 0.96") (+/-2mm_0,0787")**
 Housing Material **Black Anodized Aluminium**
 Weight **From 86g (3 oz) up to 336g (11.85 oz)**
 Mounting **Mounting with M4 screws**

Environmental

Max. Operating Humidity **95% non-condensing**
 Operating Temperature **50°C (122°F) max**
 Storage Temperature **60°C (140°F) max**
 Shelf life **12 months from date of purchase**
 Max.temp.on housing **+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 (IP65 on request)

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



LED Strober: 28V - 5A (up to 40A in pulse mode)
 Pulse width between 2µs and 10ms
 Product key: PHLOX STROBE LIGHT

CLASS 1: Low RISK (CIE S2009:2002/NF EN 62471)

RoHS directive compliant

Each PHLOX Linearlight is provided with:
 - 24 months warranty
 - Certificate of uniformity and luminance
 - Seal of quality on the back

May 22, 2024

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. PHLOX® is the only manufacturer to provide uniformity and luminance datas on the quality control seal positioned at the back of every light.

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.