

PL-LIN-IND-Z1 1400-850 280X24

PrevaLED Linear IND G1 | Linear Light Engines



Product family features

- Module efficacy: up to 193 lm/W
- Available with luminous flux: 1,400 lm on 280 mm
- Available with luminous flux: 2,800 lm on 560 mm
- Available with color temperature: 4,000 K, 5,000 K or 6,500 K
- High initial color consistency: ≤ 3 SDCM
- Average lifetime (L80 B50): 100,000 h (temperature at Tc = 60 °C)
- CE marked, ENEC certified

Product family benefits

- LED module for robust application
- Very long lifetime
- Reliable system between IND LED module and Optotronic OT IND driver
- Adjustable luminous flux, efficacy and lifetime

Areas of application

- Industry





Technical data

Electrical data

Nominal voltage	32.3 V
Nominal current	0.225 A
Type of current	DC
On-mode power	7.30 W
Energy consumption in on-mode	7.3 kWh/1000h

Photometrical data

Luminous efficacy	193 lm/W
Color rendering index Ra	80
Correlated color temperature CCT	5000 K
Colour consistency (McAdam ellipses)	3
Useful luminous flux (Φuse)	1346 lm

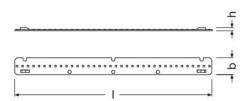
Light technical data

Starting time	< 0.1 s
Warm-up time (60 %)	< 2.00 s

LED module information

Number of LEDs per module	36
---------------------------	----

Dimensions & weight



Product weight	21.00 g
Height	5.0 mm
Length	280.0 mm
Width	24.0 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	60 °C
Temperature range in operation at Tc point	-4090 °C
Maximum temperature at tc test point	90 °C
Temperature range at storage	-4090 °C
Ambient temperature range	-40+90 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance factor LMF	96
L70B50 lifetime	100000 h

Additional product data

Lighting technology used	LED

Certificates & standards

Standards	CE/ENEC
Type of protection	IP20
Energy efficiency class	С

Logistical data

Commodity code	85414100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4052899605855
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained



484525_5 Year Osram Guarante (GB)

Download Data

	File
7	Declarations of conformity PL LIN IND G1 CE 4178842 160623
*	Declarations of conformity EU Declaration of conformity PL-LIN-Z4 family
7	Declarations of conformity Declaration of conformity PL-LIN-Z4

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899605855	PL-LIN-IND-Z1 1400-850 280X24	Shipping carton box 60	592 mm x 252 mm x 100 mm	14.92 dm³	1692.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

\Box		1 ~ 1	im	or
v	ISC	LdI	ш	IEI.
_				ш.

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.