

PrevaLED Linear G6

Linear Light Engines



Product family features

- Module efficacy: up to 206 lm/W
- Available with luminous flux: 245 lm on 62 mm, 275 lm on 70 mm
- Available with luminous flux: 550 lm on 140 mm
- Available with luminous flux: 1,100 lm or 2,000 lm on 280 mm
- Available with luminous flux: 2,200 lm or 4,000 lm on 560 mm
- Available with color temperature: 2,700K, 3,000 K, 4,000 K, 5,000 K or 6,500 K
- High initial color consistency: ≤ 3 SDCM
- Average lifetime (L80 B50): $> 70,000$ h (temperature at $T_c = 50^\circ\text{C}$)
- CE marked, ENEC certified; UL listed

Product family benefits

- Slim luminaire design by small and flexible form factor
- High homogeneity thanks to small LED pitch
- High voltage (HV) optimized for non-isolated, low voltage (LV) optimized for SELV operation
- Adjustable luminous flux, efficacy and lifetime
- Direct the light where it's needed while using PrevaLED Linear Optics

Areas of application

- Office
- Industry



Product family datasheet

Technical data

Product description	Electrical data				
	Nominal voltage	Nominal current	Type of current	Energy consumption in on-mode	On-mode power
PL-LIN-Z6 2200-827 560X20-HV	471 V	025 A	DC	12.2 kWh/1000h	12.20 W
PL-LIN-Z6 2200-850 560X20-HV	471 V	025 A	DC	12.2 kWh/1000h	12.20 W
PL-LIN-Z6 2200-850 560X20-LV	236 V	05 A	DC	12.4 kWh/1000h	12.40 W
PL-LIN-Z6 4000-840 560X20-LV	427 V	05 A	DC	22.1 kWh/1000h	22.10 W
PL-LIN-Z6 4000-850 560X20-LV	427 V	05 A	DC	22.1 kWh/1000h	22.10 W

Product description	Photometrical data			
	Luminous efficacy	Useful luminous flux (Φuse)	Colour consistency (McAdam ellipses)	Correlated color temperature CCT
PL-LIN-Z6 2200-827 560X20-HV	177 lm/W	1977 lm	3	2700 K
PL-LIN-Z6 2200-850 560X20-HV	196 lm/W	2286 lm	3	5000 K
PL-LIN-Z6 2200-850 560X20-LV	196 lm/W	2287 lm	3	5000 K
PL-LIN-Z6 4000-840 560X20-LV	190 lm/W	3969 lm	3	4000 K
PL-LIN-Z6 4000-850 560X20-LV	190 lm/W	3981 lm	3	5000 K

Product description	Color rendering index Ra	LED module information	Dimensions & weight		
		Number of LEDs per module	Product weight	Width	Length
PL-LIN-Z6 2200-827 560X20-HV	80	72	4000 g	20.0 mm	560.0 mm
PL-LIN-Z6 2200-850 560X20-HV	80	72	4000 g	20.0 mm	560.0 mm
PL-LIN-Z6 2200-850 560X20-LV	80	72	4000 g	20.0 mm	560.0 mm
PL-LIN-Z6 4000-840 560X20-LV	80	96	4000 g	20.0 mm	560.0 mm
PL-LIN-Z6 4000-850 560X20-LV	80	96	4000 g	20.0 mm	560.0 mm

Product description	Height	Temperatures & operating conditions			
		Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Maximum temperature at tc test point	Temperature range at storage
PL-LIN-Z6 2200-827 560X20-HV	5.0 mm	50 °C	-20...75 °C	75 °C	-30...85 °C
PL-LIN-Z6 2200-850 560X20-HV	5.0 mm	50 °C	-20...75 °C	75 °C	-30...85 °C
PL-LIN-Z6 2200-850 560X20-LV	5.0 mm	50 °C	-20...75 °C	75 °C	-30...85 °C
PL-LIN-Z6 4000-840 560X20-LV	5.0 mm	50 °C	-20...75 °C	75 °C	-30...85 °C
PL-LIN-Z6 4000-850 560X20-LV	5.0 mm	50 °C	-20...75 °C	75 °C	-30...85 °C

Product description	Ambient temperature range	Lifespan		Additional product data
		L70B50 lifetime	Lumen maintenance factor LMF	Lighting technology used
PL-LIN-Z6 2200-827 560X20-HV	-20...+75 °C	100000 h	96	LED
PL-LIN-Z6 2200-850 560X20-HV	-20...+75 °C	100000 h	96	LED

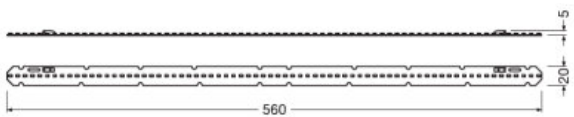
Product family datasheet

		Lifespan		Additional product data
Product description	Ambient temperature range	L70B50 lifetime	Lumen maintenance factor LMF	Lighting technology used
PL-LIN-Z6 2200-850 560X20-LV	-20...+75 °C	100000 h	96	LED
PL-LIN-Z6 4000-840 560X20-LV	-20...+75 °C	100000 h	96	LED
PL-LIN-Z6 4000-850 560X20-LV	-20...+75 °C	100000 h	96	LED

		Certificates & standards		Logistical data
Product description	Predecessor EAN	Standards	Energy efficiency class	Commodity code
PL-LIN-Z6 2200-827 560X20-HV		CE/ENEC/VDE	D	85395100000
PL-LIN-Z6 2200-850 560X20-HV		CE/ENEC/VDE	C	85395100000
PL-LIN-Z6 2200-850 560X20-LV	4052899985247	CE/ENEC/VDE	C	85414100000
PL-LIN-Z6 4000-840 560X20-LV	4052899985421	CE/ENEC/VDE	C	85414100000
PL-LIN-Z6 4000-850 560X20-LV	4052899985438	CE/ENEC/VDE	C	85414100000

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
PL-LIN-Z6 2200-827 560X20-HV	18-04-2022	4052899606265	No declarable substances contained	No declarable substances contained
PL-LIN-Z6 2200-850 560X20-HV	18-04-2022	4052899606296	No declarable substances contained	No declarable substances contained
PL-LIN-Z6 2200-850 560X20-LV	18-04-2022	4052899606197	No declarable substances contained	No declarable substances contained
PL-LIN-Z6 4000-840 560X20-LV	18-04-2022	4052899606234	No declarable substances contained	No declarable substances contained
PL-LIN-Z6 4000-850 560X20-LV	18-04-2022	4052899606241	No declarable substances contained	No declarable substances contained

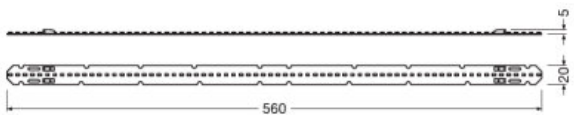
Product family datasheet



PL-LIN-Z6 2200-827 560X20-HV



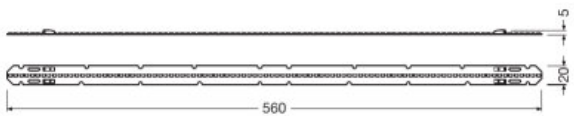
PL-LIN-Z6 2200-827 560X20-HV



PL-LIN-Z6 2200-827 560X20-LV



PL-LIN-Z6 2200-827 560X20-LV



PL-LIN-Z6 4000-865 560x20-LV

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

Additional product information

- When parallel wiring, tolerance-related differences in output are possible and may cause deviations in brightness.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	Certificates PL ENEC 40031612 250723
	Declarations of conformity PL LIN Z6 CE 3812352 090823
	CAD data 3-dim PL LIN Z5 Z6 2200 560x20 HV CADPDF 240220
	Declarations of conformity EU Declaration of conformity PL-LIN-Z4 family
	Declarations of conformity Declaraton of conformity PL-LIN-Z4
	CAD data 3-dim PL LIN Z5 Z6 2200 560x20 LV CADPDF 240220
	CAD data 3-dim PL LIN Z5 Z6 4000 560x20 LV CADPDF 240220

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.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899606265	PL-LIN-Z6 2200-827 560X20-HV	Shipping carton box 120	588 mm x 380 mm x 125 mm	27.93 dm ³	5347.00 g
4052899606296	PL-LIN-Z6 2200-850 560X20-HV	Shipping carton box 120	588 mm x 380 mm x 125 mm	27.93 dm ³	5347.00 g
4052899606197	PL-LIN-Z6 2200-850 560X20-LV	Shipping carton box 120	588 mm x 380 mm x 125 mm	27.93 dm ³	5347.00 g
4052899606234	PL-LIN-Z6 4000-840 560X20-LV	Shipping carton box 120	588 mm x 380 mm x 125 mm	27.93 dm ³	5347.00 g
4052899606241	PL-LIN-Z6 4000-850 560X20-LV	Shipping carton box 120	588 mm x 380 mm x 125 mm	27.93 dm ³	5347.00 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.

Disclaimer

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