



Libra

SGP635 PL-LLT55W/840 HFP I RR ALU P176

LIBRA 65, MASTER PL-L Low Temperature 4 Pin, 58 W, HF Performer, Dust penetration-protected, jet-proof, Symmetrical, Aluminum, Screw connection block 3-pole, Post-top for diameter 60 to 76 mm

The elegant Libra range has been specially designed for modern energy-efficient compact fluorescent lamps. It combines high-performance optics with a unique Lighting Comfort system for a major reduction in light pollution and glare. The luminaire's aluminum body, high IP rating and Direct Link installation concept minimize installation and maintenance costs. Libra offers the perfect balance for today's public lighting.

Product data

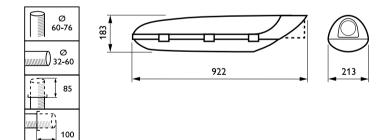
General Information		
Lamp family code	MASTER PL-L Low Temperature 4 Pin	
Number of gear units	1 unit	
Gear	HFP [HF Performer]	
Product family code	SGP630 [LIBRA 65]	
Glow-wire test	Temperature 650 °C, duration 5 s	
Flammability mark	-	
CE mark	Yes	
ENEC mark	-	
Warranty period	3 years	
EU RoHS compliant	No	
Light Technical		
Upward light output ratio	0.03	
Standard tilt angle posttop	5°	

Standard tilt angle side entry	0°	
Color rendering index (CRI)	80	
Number of light sources	1	
Optical cover type	Polycarbonate bowl/cover clear	
Luminaire light beam spread	-	
Optic type outdoor	Symmetrical	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	- W	
Average CLO power consumption	- W	
End CLO power consumption	- W	
Inrush current	18 A	
Inrush time	250 ms	

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Power Consumption	58 W	Approval and Application	
Power Factor (Fraction)	0.96	Ingress protection code	IP66 [Dust penetration-protected, jet-pro
Connection	Screw connection block 3-pole	Mech. impact protection code	IK08 [5 J vandal-protected]
Cable	-	Surge Protection (Common/Differential)	-
Number of products on MCB of 16 A type	B 28	Protection class IEC	Safety class I
		Photobiological risk	Photobiological risk group 0 @200mm to
Temperature			EN62778
Ambient temperature range	-20 to +35 ℃		
		Initial Performance (IEC Compliant))
Controls and Dimming		Luminous flux tolerance	+/-10%
Dimmable	No	Power consumption tolerance	+/-11%
Constant light output	No		
		Over Time Performance (IEC Compliant)	
Mechanical and Housing		Driver failure rate at 5000 h	10 %
Housing Material	Aluminum		
Reflector material	Aluminum	Product Data	
Optic material	Aluminum	Order product name	SGP635 PL-LLT55W/840 HFP I RR ALU P
Optical cover material	Polycarbonate		76
Fixation material	Steel	Full product name	SGP635 PL-LLT55W/840 HFP I RR ALU P
Housing Color	Aluminum		76
Mounting device	Post-top for diameter 60 to 76 mm	Full product code	871869637871700
Optical cover shape	Ball, globular	Order code	910925863748
Optical cover finish	Clear	Material Nr. (12NC)	910925863748
Overall length	922 mm	Numerator - Quantity Per Pack	1
Overall width	213 mm	EAN/UPC - Product/Case	8718696378717
Overall height	183 mm	Numerator - Packs per outer box	1
Effective projected area	0.13 m²	EAN/UPC - Case	8718696378717
Dimensions (Height x Width x Depth)	183 x 213 x 922 mm		

Dimensional drawing



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www.lighting.philips.com 2023, September 4 - data subject to change