# **PHILIPS** Lighting



# Libra

# SGP630 PL-L36W/840 HFP I IP66 S LO-NF AL

LIBRA 65, MASTER PL-L 4 Pin, 36 W, 37 W, 840 neutral white, HF Performer, Dust penetration-protected, jet-proof, Symmetrical, Aluminum, Screw connection block 3-pole, Spigot for diameter 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	PL-L [MASTER PL-L 4 Pin]
Number of gear units	1 unit
Gear	HFP [HF Performer]
Photocell	NEMA socket for photocell
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	O°
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Number of light sources	1
Light source color	840 neutral white
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

## Libra

End CLO power consumption	- W	Appro
Inrush current	18 A	Ingress
Inrush time	250 ms	Mech.
Power Consumption	36 37 W	Surge I
Power Factor (Fraction)	0.96	Protec
Connection	Screw connection block 3-pole	Photok
Cable	-	
Number of products on MCB of 16 A	type B 28	
		Initial
Temperature		Lumino
Ambient temperature range	-20 to +35 °C	Power
Controls and Dimming		Over
Dimmable	No	Driver
Constant light output	No	
		Produ
Mechanical and Housing		Order
Housing Material	Aluminum	
Reflector material	Aluminum	Full pro
Optic material	Aluminum	
Optical cover material	Polycarbonate	Full pro
Fixation material	Steel	Order
Housing Color	Aluminum	Materi
Mounting device	Spigot for diameter 76 mm	Numer
Optical cover shape	Ball, globular	EAN/U
Optical cover finish	Clear	Numer
Overall length	773 mm	EAN/U
Overall width	213 mm	
Overall height	183 mm	
Effective projected area	0.1 m <sup>2</sup>	

Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [5 J vandal-protected]	
Surge Protection (Common/Differential)	-	
Protection class IEC	Safety class I	
Photobiological risk	Photobiological risk group 0 @200mm to	
	EN62778	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Power consumption tolerance	+/-11%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	10 %	
Product Data		
Order product name	SGP630 PL-L36W/840 HFP I IP66 S LO-NF	
	AL	
Full product name	SGP630 PL-L36W/840 HFP I IP66 S LO-NF	
	AL	
Full product code	871869637851900	
Order code	910925863728	
Material Nr. (12NC)	910925863728	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696378519	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718696378519	

# Dimensional drawing

Dimensions (Height x Width x Depth)





183 x 213 x 773 mm

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