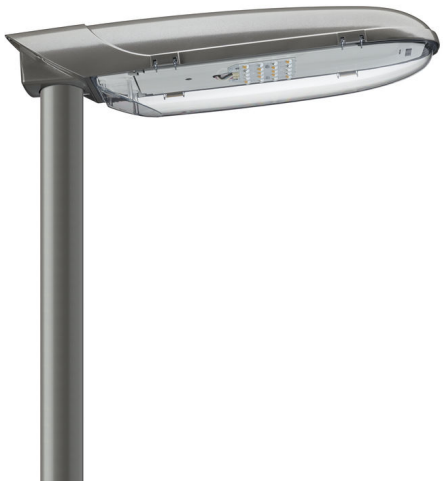
PHILIPS

Lighting



Libra LED

BGP630 LED47-4S/740 DM50 ALU SRG10 SI 76

LIBRA LED 65, LED module 4700 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Dust penetration-protected, jet-proof, Distribution medium 50, Aluminum, Post-top for diameter 76 mm

The elegantly styled Libra luminaire is also available in an LED version. As a fundamental element of the overall design, the bowl has been retained. Consequently, existing Libra luminaires can be retrofitted as LED fixtures by using thePhilips standerdized Ledgine O engine.

Product data

General Information	
Lamp family code	LED47 [LED module 4700 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Service tag	Yes
Product family code	BGP630 [LIBRA LED 65]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-

EU RoHS compliant	No

Light Technical	
Upward light output ratio	0.4
Luminous Flux	4,230 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	151 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover clear
Luminaire light beam spread	154° - 31° x 54°
Optic type outdoor	Distribution medium 50

Operating and Electrical	
Input Voltage	220 to 240 V

Libra LED

Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	28 W
Power Factor (Fraction)	0.96
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Aluminum
Mounting device	Post-top for diameter 76 mm
Optical cover shape	Ball, globular
Optical cover finish	Clear
Overall length	773 mm
Overall width	213 mm
Overall height	183 mm
Effective projected area	0.1 m²
Dimensions (Height x Width x Depth)	183 x 213 x 773 mm

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)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.50 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BGP630 LED47-4S/740 DM50 ALU SRG10 SI 76
Full product name	BGP630 LED47-4S/740 DM50 ALU SRG10 SI 76
Full product code	871869638565400
Order code	910925864449
Material Nr. (12NC)	910925864449
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696385654
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696385654

Dimensional drawing