



Libra LED

BGP636 LED47-4S/740 DM50 ALU SRG10 SI 32

LIBRA LED 71, LED module 4700 lm, 740 neutral white, Power supply unit (On/Off), Safety class I, Dust penetration-protected, jet-proof, Distribution medium 50, Aluminum, Side-entry for diameter 32 to 60 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 the Philips standardized 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
Product family code	BGP636 [LIBRA LED 71]
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
Line Frequency	50 to 60 Hz
Inrush current	47 A

Libra LED

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
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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	Side-entry for diameter 32 to 60 mm
Optical cover shape	Ball, globular
Optical cover finish	Clear
Overall length	922 mm
Overall width	213 mm
Overall height	183 mm
Effective projected area	0.13 m²
Dimensions (Height x Width x Depth)	183 x 213 x 922 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
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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
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Product Data

Order product name	BGP636 LED47-4S/740 DM50 ALU SRG10 SI 32
Full product name	BGP636 LED47-4S/740 DM50 ALU SRG10 SI 32
Full product code	871869638572200
Order code	910925864456
Material Nr. (12NC)	910925864456
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696385722
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696385722

Dimensional drawing

Libra LED

