



Koffer² LED Mini

BGP060 ECO43--3S/740 I MSO GR

Mini Koffer2 LED - LED EconomyLine 4300 lm - 3rd generation, screw fixation - 740 neutral white - Safety class I (I) - Medium wide street optic - Gray - Post-top for diameter 60-76 mm

Koffer² is an archetypal modern road lighting luminaire which meets the needs of today's road users and operators. Total cost over lifetime was a key consideration in the development of Koffer². The future-proof luminaire delivers outstanding optical performance, enabling optimum spacing and energy efficiency, and is easy to install and maintain. With its rectangular shape, Koffer² offers an alternative to rounded luminaires. It is available in three sizes – for mounting heights from 3.5 to 12 meters – and with dedicated masts and brackets, making it equally suitable for integration into modern urban environments or more traditional lighting designs. The Koffer² family accommodates CosmoPolis white-light technology and LED-enabled versions. Each Koffer² luminaire is fully recyclable; only the light source and driver have to be recycled separately.

Product data

General Information		Connection	CI [Internal connector]
Lamp family code	ECO43 [LED EconomyLine 4300 lm]	Cable	-
Lamp version	3S [3rd generation, screw fixation]	Protection class IEC	Safety class I (I)
Light source color	740 neutral white	Parts color	-
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	ENEC mark	ENEC mark
Driver included	Yes	Design Award Winner mark	Design Award Winner 2007
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Green Flagship mark	Green Flagship
Luminaire light beam spread	180°	Warranty period	5 years
Embedded control	No [-]	Optic type outdoor	Medium wide street optic

Koffer² LED Mini

Colored frame	-
RAL color	-
Photocell	No [-]
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A type B	20
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Product family code	BGP060 [Mini Koffer2 LED]

Light Technical

Upward light output ratio	0.03
Standard tilt angle posttop	10°
Standard tilt angle side entry	0°

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Factor (Min)	0.95

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	60/76P [Post-top for diameter 60-76 mm]
Optical cover/lens shape	Convex lens
Optical cover/lens finish	Clear
Overall length	511 mm
Overall width	264 mm

Overall height	111 mm
Effective projected area	0.032 m ²
Color	Gray
Dimensions (Height x Width x Depth)	111 x 264 x 511 mm (4.4 x 10.4 x 20.1 in)

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	4321 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	122 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	70
Initial chromaticity	(0.38,0.37) SDCM<5
Initial input power	35.2 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 75000 h	7.5 %
Lumen maintenance at median useful life* 75000 h	L80

Application Conditions

Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C

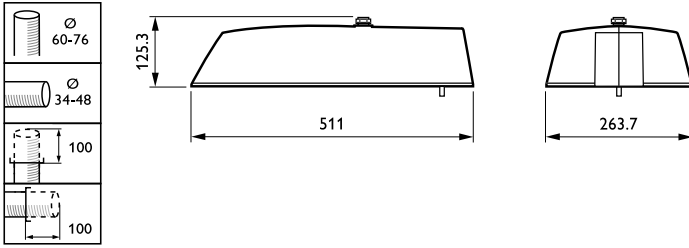
Product Data

Full product code	871829133436100
Order product name	BGP060 ECO43--3S/740 I MSO GR
EAN/UPC - Product	8718291334361
Order code	33436100
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910403918012
Net Weight (Piece)	5.700 kg



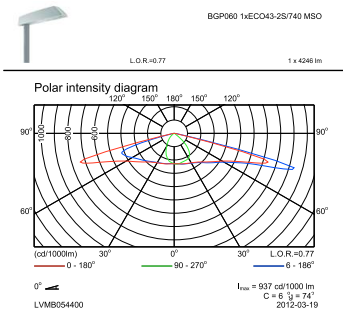
Koffer² LED Mini

Dimensional drawing



Koffer LED Mini BGP060

Photometric data



OFPC_BGP060 1xECO43-2S/740 MSO-Polar Outdoor (combined)

