



Koffer² LED Mini

BGP060 GRN24--3S/830 II MSO GR

Mini Koffer2 LED, LED GreenLine 2400 lm, 830 warm white, Safety class II, Medium wide street optic, Grey, Post-top for diameter 60 to 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		
Lamp family code	GRN24 [LED GreenLine 2400 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Photocell	-	
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.	
Light source engine type	LED	
Product family code	BGP060 [Mini Koffer2 LED]	
Lighting Technology	LED	
Embedded control	-	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	
ENEC mark	ENEC mark	

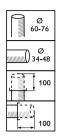
Datasheet, 2023, September 4 data subject to change

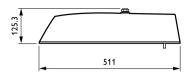
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EU RoHS compliant	Yes	Optical cover shape	Convex lens
		Optical cover finish	Clear
Light Technical		Overall length	511 mm
Upward light output ratio	0.03	Overall width	264 mm
Luminous Flux	2,405 lm	Overall height	111 mm
Standard tilt angle posttop	10°	Effective projected area	0.032 m ²
Standard tilt angle side entry	0°	Dimensions (Height x Width x Depth)	111 x 264 x 511 mm
Correlated Color Temperature (Nom)	3000 K	Parts color	-
Luminous Efficacy (rated) (Nom)	106 lm/W		
Color rendering index (CRI)	80	Approval and Application	
Light source color	830 warm white	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Optical cover type	Polycarbonate bowl/cover	Mech. impact protection code	IK07 [2 J reinforced]
Luminaire light beam spread	180°	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Optic type outdoor	Medium wide street optic		differential mode and 8 kV common mode
		Protection class IEC	Safety class II
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-10%
Inrush current	22 A	Initial chromaticity	(0.43,0.40) SDCM<5
Inrush time	0.29 ms	Power consumption tolerance	+/-10%
Power Consumption	22.5 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.95		
Connection	Internal connector	Over Time Performance (IEC Compliant)	
Cable	-	Control gear failure rate at median useful	10 %
Number of products on MCB of 16 A type	20	life 100000 h	
В		Lumen maintenance at median useful life*	* L80
		100000 h	
Temperature			
Ambient temperature range	-20 to +35 °C	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit regulating	Order product name	BGP060 GRN243S/830 II MSO GR
Constant light output	No	Full product name	BGP060 GRN243S/830 II MSO GR
		Full product code	871829133099800
Mechanical and Housing		Order code	910403911212
Housing Material	Aluminum	Material Nr. (12NC)	910403911212
Reflector material	-	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	EAN/UPC - Product/Case	8718291330998
Optical cover material	Polycarbonate	Numerator - Packs per outer box	1
Fixation material	Aluminum	EAN/UPC - Case	8718291330998
Housing Color	Grey		
Mounting device	Post-top for diameter 60 to 76 mm		
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Dimensional drawing









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