



# GrandeVille LED

## BPS962 GRN45/830 A DF CLO C4K

Grandville LED, 1, LED GreenLine 4500 lm, 830 warm white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class II, Grey, Constant light output, Cable 4.0 m without plug, Post-top for diameter 60 mm

Today's customers want luminaires that provide both energy efficiency and a visually-comfortable light effect. Philips GrandeVille LED luminaires offer the perfect combination of functional and aesthetical characteristics. A classic design, clean lines and robust materials make this LED lighting ideal for all urban settings. The luminaire is well shielded and delivers clear white light, creating a pleasant ambience at the same time as enabling good energy savings. GrandeVille LED luminaires (BPS962) are suitable for mounting on poles or wall brackets. They are also available with a choice of rotation-symmetric light distribution or asymmetric light distribution, which prevents undesired spill light from this classic street lighting. A cover is available in gray or white, which must be ordered separately.

### Product data

General Information			
Lamp family code	GRN45 [LED GreenLine 4500 lm]	temperatures the luminaire might automatically dim down to protect components	
Light source replaceable	Yes	Product family code	BPS962 [Grandville LED]
Driver included	Yes	Lighting Technology	LED
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. * At extreme ambient	Value ladder	Value
		Embedded control	Constant light output
		CE mark	Yes
Light Technical			
Standard tilt angle posttop	0°		
Standard tilt angle side entry	0°		

## GrandeVille LED

Correlated Color Temperature (Nom)	3000 K
Number of light sources	1
Light source color	830 warm white

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Cable	Cable 4.0 m without plug

### Temperature

Ambient temperature range	-40 to +50 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	Yes

### Mechanical and Housing

Housing Material	Aluminum
Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Post-top for diameter 60 mm

### Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
Protection class IEC	Safety class II

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

### Application Conditions

Performance ambient temperature Tq	25 °C
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### Product Data

Order product name	BPS962 GRN45/830 A DF CLO C4K
Full product name	BPS962 GRN45/830 A DF CLO C4K
Full product code	871869625374800
Order code	919008630824
Material Nr. (12NC)	919008630824
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696253748
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696253748

