GrandeVille LED

BPS962 LED45/830 LO CLO C4K

Grandville LED, LED GreenLine 4500 lm

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.
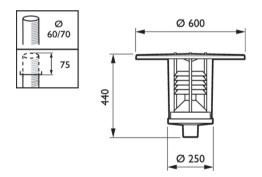
Product data

General Information

Lamp family code	GRN45 [LED GreenLine 4500 lm]
Light source replaceable	Yes
Driver included	Yes
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 temperatures the luminaire might automatically dim down to protect components
Product family code	BPS962 [Grandville LED]
Lighting Technology	LED

Value ladder	Value
Embedded control	Constant light output
CE mark	Yes
ENEC mark	–

Light Technical

Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
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

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Cable	Cable 4.0 m without plug

Temperature

Ambient temperature range	–40 to +50 ℃

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]
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 ℃

Product Data

Order product name	BPS962 LED45/830 LO CLO C4K
Full product name	BPS962 LED45/830 LO CLO C4K
Full product code	871829198873100
Order code	919008630550
Material Nr. (12NC)	919008630550
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291988731
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291988731

Dimensional drawing