



GrandeVille LED

BPS962 LED34/840 LO CLO-DDF6 C4K

Grandville LED. LED GreenLine 3400 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

GRN34 [LED GreenLine 3400 lm]
Yes
1 unit
Yes
*-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.
LED
BPS962 [Grandville LED]
LED

Value ladder	Value
Embedded control	Constant light output and DynaDimmer
	fixed presets version 6
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0.15
Luminous Flux	1,409 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K

Datasheet, 2023, December 28 data subject to change

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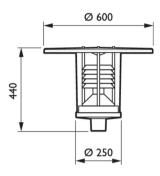
Luminous Efficacy (rated) (Nom)	67 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	840 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	-
Optic type outdoor	Symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	20.9 W
Average CLO power consumption	23.9 W
End CLO power consumption	26.9 W
Inrush current	12 A
Inrush time	0.27 ms
Power Consumption	20.9 W
Power Factor (Fraction)	0.97
Connection	Flying leads/wires
Cable	Cable 4.0 m without plug
Number of products on MCB of 16 A type B	30
Temperature	
Ambient temperature range	-30 to +25 ℃
7 million composition of ange	50 to 125 c
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
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Cylinder/cylindrical
Optical cover finish	Clear
Overall height	440 mm

Overall diameter	600 mm
Effective projected area	0.09 m²
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-
	proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Philips standard surge protection level
Sustainability rating	-
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.3818, 0.3797) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Complia	ınt)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L100
50000 h	
Lumen maintenance at median useful life*	L100
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Product Data	
Order product name	BPS962 LED34/840 LO CLO-DDF6 C4K
Full product name	BPS962 LED34/840 LO CLO-DDF6 C4K
Full product code	871829156336500
Order code	919008630304
Material Nr. (12NC)	919008630304
	1
Numerator - Quantity Per Pack	<u> </u>
EAN/UPC - Product/Case	8718291563365
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Dimensional drawing







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