



GrandeVille LED

BPS962 LED49/840 DF CLO-DDF6 C4K

Grandville LED, 1, LED GreenLine 4900 lm, LED, 840 neutral white, Power supply unit regulating, 220 to 240 V, 50 to 60 Hz, Safety class II, Symmetrical, Polycarbonate bowl/cover, Gray, Constant light output and DynaDimmer fixed presets version 6, Philips standard surge protection level, 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	GRN49 [LED GreenLine 4900 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
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.	
Light source engine type	LED	
Product family code	BPS962 [Grandville LED]	
Lighting Technology	LED	
Value ladder	Value	

Datasheet, 2023, December 28 data subject to change

GrandeVille LED

Forbodded control	Constant light outside and Done Discours	Outle metadel	Deliverale anata
Embedded control	Constant light output and DynaDimmer	Optic material	Polycarbonate
	fixed presets version 6	Optical cover material	Polycarbonate
CE mark	Yes	Fixation material	Aluminum
Warranty period	5 years	Housing Color	Gray
Flammability mark		Mounting device	Post-top for diameter 60 mm
ENEC mark	-	Optical cover shape	Cylinder/cylindrical
EU RoHS compliant	Yes	Optical cover finish	Clear
		Overall height	440 mm
Light Technical		Overall diameter	600 mm
Upward light output ratio	0.21	Effective projected area	0.09 m²
Luminous Flux	2,235 lm		
Standard tilt angle posttop	0°	Approval and Application	
Standard tilt angle side entry	0°	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Correlated Color Temperature (Nom)	4000 K	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Efficacy (rated) (Nom)	73 lm/W	Surge Protection (Common/Differential)	Philips standard surge protection level
Color rendering index (CRI)	>80	Sustainability rating	-
Number of light sources	1	Protection class IEC	Safety class II
Light source color	840 neutral white		
Optical cover type	Polycarbonate bowl/cover	Initial Performance (IEC Compliant)	
Luminaire light beam spread		Luminous flux tolerance	+/-7%
Optic type outdoor	Symmetrical	Initial chromaticity	(0.3818, 0.3797) SDCM <3
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Complia	ant)
Initial CLO power consumption	30.6 W	Control gear failure rate at median useful	10 %
Initial CLO power consumption Average CLO power consumption	30.6 W 35 W	Control gear failure rate at median useful life 100000 h	10 %
		_	
Average CLO power consumption	35 W	life 100000 h	
Average CLO power consumption End CLO power consumption	35 W 39.3 W	life 100000 h Lumen maintenance at median useful life*	L100
Average CLO power consumption End CLO power consumption Inrush current	35 W 39.3 W 12 A	life 100000 h Lumen maintenance at median useful life* 50000 h	L100
Average CLO power consumption End CLO power consumption Inrush current Inrush time	35 W 39.3 W 12 A 0.27 ms	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life*	L100
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption	35 W 39.3 W 12 A 0.27 ms 30.6 W	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life*	L100
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction)	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h	L100
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions	L100
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L100 L100 25 ℃
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	L100 L100 25 ℃
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	L100 L100 25 ℃
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	L100 L100 25 °C Not applicable
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825 919008630825
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C Yes Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825 919008630825 1
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C Yes Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825 919008630825 1 8718696253786
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type I Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C Yes Power supply unit regulating -	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825 919008630825 1 8718696253786 1
Average CLO power consumption End CLO power consumption Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	35 W 39.3 W 12 A 0.27 ms 30.6 W 0.98 Flying leads/wires Cable 4.0 m without plug B 30 -30 to +25 °C Yes Power supply unit regulating - Yes	life 100000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	L100 L100 25 °C Not applicable BPS962 LED49/840 DF CLO-DDF6 C4K BPS962 LED49/840 DF CLO-DDF6 C4K 871869625378600 919008630825 919008630825 1 8718696253786 1

GrandeVille LED

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.