



GrandeVille LED – design classic for any urban application

GrandeVille LED

Today's customers want a luminaire that provides both energy efficiency and a visually comfortable lighting effect. GrandeVille LED combines functional and aesthetical characteristics. Its classic design, with clean lines and robust materials, makes it ideal for all urban settings. The luminaire is well shielded and delivers clear white light, while at the same time enabling considerable energy savings. GrandeVille LED is suitable for mounting on poles or wall brackets. GrandeVille LED offers a choice of rotation-symmetric light distribution or asymmetric light distribution, which prevents undesired spill light. Cover needs to be ordered separately, available in grey or white

Benefits

- Classic design – clean lines
- Visual comfort
- Energy-efficient LED technology

Features

- Classic design fitting any urban setting
- Robust materials
- Comfortable white light

Application

- Residential streets
- Foot and cycle paths
- Parking areas

Specifications

GrandeVille LED

Type	BPS962
Light source	Integral LED-module
Power	30 up to 47 W depending on configuration
Luminous flux	1256 to 3259 lm
Luminaire efficacy	Up to 65.8 lm/W
Correlated Colour	3000 K (warm white)
Temperature	4000 K (neutral white)
Colour Rendering Index	> 80
Lumen maintenance at median useful life* 100000 h	min L80
Control gear failure rate at median useful life 100000 h	10%
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +25 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	80 A / 150 µs

Dimming	LumiStep DynaDimmer AmpDim
Controls system input	1-10 V
Optic	Symmetrical or asymmetrical
Optical element	Internal louver or diffuser element
Material	Housing: polycarbonate, clear Cover and mast interface: aluminum Top cover: PBT (polybutylene terephthalate) Louvre: PMMA
Colour	Mast interface: grey (GR)
Maintenance	Tools needed to install luminaire
Installation	Post-top or wall-bracket mounting Ø 60 mm mast, delivered with 4 m pre-mounted cable Recommended mounting height: 3-4 m Standard tilt angle post top: 0° Max SCx: 0.09 m²
Remarks	Cover needs to be ordered separately, available in grey or white Asymmetrical only available in combination with diffuser (DF) optic

Versions



GrandeVille LED



GrandeVille LED pedestrian luminaire with diffuser

Application Conditions

Maximum dim level	Not applicable
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Approval and Application

Mech. impact protection code	IK10
Surge Protection (Common/Differential)	Philips standard surge protection level

Controls and Dimming

Dimmable	Yes
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General Information

Luminaire light beam spread	-
CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Product Family Code	BPS962

Initial Performance (IEC Compliant)

Init. Color Rendering Index	>80
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Light Technical

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

Mechanical and Housing

Color	Gray
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General Information (1/2)

Order Code	Full Product Name	Light source color	Lamp family code	Number of light sources	Optic type
919008630298	BPS962 GRN45/830 LO CLO- DDF6 C4K	830 warm white	GRN45	1 pc	Symmetrical
919008630303	BPS962 GRN29/830 LO CLO- DDF6 C4K	830 warm white	GRN29	1 pc	Symmetrical
919008630304	BPS962 GRN34/840 LO CLO- DDF6 C4K	840 neutral white	GRN34	1 pc	Symmetrical
919008630305	BPS962 GRN29/830 LO-O CLO- DDF6 C4K	830 warm white	GRN29	1 pc	Symmetrical
919008630306	BPS962 GRN34/840 LO-O CLO- DDF6 C4K	840 neutral white	GRN34	1 pc	Symmetrical
919008630324	BPS962 GRN49/840 LO CLO- DDF6 C4K	840 neutral white	GRN49	1 pc	Symmetrical
919008630457	BPS962 GRN49/840 LO-O CLO- DDF6 C4K	840 neutral white	GRN49	1 pc	Symmetrical
919008630771	BPS962 GRN45/830 LO-O CLO- DDF6 C4K	830 warm white	GRN45	1 pc	Symmetrical
919008630301	BPS962 GRN29/830 DF CLO- DDF6 C4K	830 warm white	GRN29	1 pc	Symmetrical
919008630302	BPS962 GRN34/840 DF CLO- DDF6 C4K	840 neutral white	GRN34	1 pc	Symmetrical
919008630817	BPS962 GRN34/840 A DF CLO- DDF6 C4K	840 neutral white	GRN34	-	Asymmetrical
919008630819	BPS962 GRN49/840 A DF CLO- DDF6 C4K	840 neutral white	GRN49	-	Asymmetrical
919008630821	BPS962 GRN29/830 A DF CLO- DDF6 C4K	830 warm white	GRN29	-	Asymmetrical
919008630823	BPS962 GRN45/830 A DF CLO- DDF6 C4K	830 warm white	GRN45	-	Asymmetrical
919008630825	BPS962 GRN49/840 DF CLO- DDF6 C4K	840 neutral white	GRN49	1 pc	Symmetrical

General Information (2/2)

Order Code	Full Product Name	Optical element	Order Code	Full Product Name	Optical element
919008630298	BPS962 GRN45/830 LO CLO-DDF6 C4K	Internal louver	919008630301	BPS962 GRN29/830 DF CLO-DDF6 C4K	Diffuser element
919008630303	BPS962 GRN29/830 LO CLO-DDF6 C4K	Internal louver	919008630302	BPS962 GRN34/840 DF CLO-DDF6 C4K	Diffuser element
919008630304	BPS962 GRN34/840 LO CLO-DDF6 C4K	Internal louver	919008630817	BPS962 GRN34/840 A DF CLO-DDF6 C4K	-
919008630305	BPS962 GRN29/830 LO-O CLO-DDF6 C4K	Internal louver opal	919008630819	BPS962 GRN49/840 A DF CLO-DDF6 C4K	-
919008630306	BPS962 GRN34/840 LO-O CLO-DDF6 C4K	Internal louver opal	919008630821	BPS962 GRN29/830 A DF CLO-DDF6 C4K	-
919008630324	BPS962 GRN49/840 LO CLO-DDF6 C4K	Internal louver	919008630823	BPS962 GRN45/830 A DF CLO-DDF6 C4K	-
919008630457	BPS962 GRN49/840 LO-O CLO-DDF6 C4K	Internal louver opal	919008630825	BPS962 GRN49/840 DF CLO-DDF6 C4K	Diffuser element
919008630771	BPS962 GRN45/830 LO-O CLO-DDF6 C4K	Internal louver opal			

Initial Performance (IEC Compliant)

GrandeVille LED

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
919008630298	BPS962 GRN45/830 LO CLO- DDF6 C4K	3000 K	1842 lm
919008630303	BPS962 GRN29/830 LO CLO- DDF6 C4K	3000 K	1225 lm
919008630304	BPS962 GRN34/840 LO CLO- DDF6 C4K	4000 K	1409 lm
919008630305	BPS962 GRN29/830 LO-O CLO-DDF6 C4K	3000 K	1414 lm
919008630306	BPS962 GRN34/840 LO-O CLO-DDF6 C4K	4000 K	1626 lm
919008630324	BPS962 GRN49/840 LO CLO- DDF6 C4K	4000 K	1984 lm
919008630457	BPS962 GRN49/840 LO-O CLO-DDF6 C4K	4000 K	2290 lm
919008630771	BPS962 GRN45/830 LO-O CLO-DDF6 C4K	3000 K	2126 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial luminous flux
919008630301	BPS962 GRN29/830 DF CLO- DDF6 C4K	3000 K	1380 lm
919008630302	BPS962 GRN34/840 DF CLO- DDF6 C4K	4000 K	1587 lm
919008630817	BPS962 GRN34/840 A DF CLO- DDF6 C4K	4000 K	1429 lm
919008630819	BPS962 GRN49/840 A DF CLO- DDF6 C4K	4000 K	2012 lm
919008630821	BPS962 GRN29/830 A DF CLO- DDF6 C4K	3000 K	1242 lm
919008630823	BPS962 GRN45/830 A DF CLO- DDF6 C4K	3000 K	1868 lm
919008630825	BPS962 GRN49/840 DF CLO- DDF6 C4K	4000 K	2235 lm

Light Technical

Order Code	Full Product Name	Upward light output ratio
919008630298	BPS962 GRN45/830 LO CLO-DDF6 C4K	0.15
919008630303	BPS962 GRN29/830 LO CLO-DDF6 C4K	0.15
919008630304	BPS962 GRN34/840 LO CLO-DDF6 C4K	0.15
919008630305	BPS962 GRN29/830 LO-O CLO-DDF6 C4K	0.25
919008630306	BPS962 GRN34/840 LO-O CLO-DDF6 C4K	0.25
919008630324	BPS962 GRN49/840 LO CLO-DDF6 C4K	0.15
919008630457	BPS962 GRN49/840 LO-O CLO-DDF6 C4K	0.25
919008630771	BPS962 GRN45/830 LO-O CLO-DDF6 C4K	0.25

Order Code	Full Product Name	Upward light output ratio
919008630301	BPS962 GRN29/830 DF CLO-DDF6 C4K	0.21
919008630302	BPS962 GRN34/840 DF CLO-DDF6 C4K	0.21
919008630817	BPS962 GRN34/840 A DF CLO-DDF6 C4K	0.2
919008630819	BPS962 GRN49/840 A DF CLO-DDF6 C4K	0.2
919008630821	BPS962 GRN29/830 A DF CLO-DDF6 C4K	0.2
919008630823	BPS962 GRN45/830 A DF CLO-DDF6 C4K	0.2
919008630825	BPS962 GRN49/840 DF CLO-DDF6 C4K	0.21

