

ClearWay gen2

Light Technical	
Upwards light output ratio	0
Luminous Flux	2,088 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	104 lm/W
Colour rendering index (CRI)	80
Light source colour	830 warm white
Optic type	-
Optical cover type	Flat glass
Luminaire light beam spread	160° - 42° x 54°
Optic type outdoor	Distribution medium 11

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	20 W
Average CLO power consumption	20.5 W
End CLO power consumption	21 W
Inrush current	12 A
Inrush time	0.27 ms
Power Consumption	20 W
Power Factor (Fraction)	0.99
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	21

Temperature

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

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing material	Aluminium die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Tempered glass
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear

Overall length	482 mm
Overall width	330 mm
Overall height	93 mm
Effective projected area	0.1151 m ²
Dimensions (height x width x depth)	93 x 330 x 482 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	3.1 m

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.5 %
Control gear failure rate at median useful life 50,000 h	5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L100

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)

Product Data

Order product name	BGP307 LED25-4S/830 II DM11 CLO 48/60S
Full product name	BGP307 LED25-4S/830 II DM11 CLO 48/60S
Full EOC	871869699689800
Order code	99689800
Material no. (12 NC)	910925865211
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696996898
Numerator – packs per outer box	1
EAN/UPC – Case	8718696996898

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Dimensional drawing

