PHILIPS

WT228C G2 LED50S/840 PSU L1200 TW

911401834588



GreenPerform Waterproof Tubular G2, 31 W, 5000 lm, 4000 K, Fixed Output

GreenPerform Waterproof Tubular G2 delivers on the GreenPerform promise of innovative, high-quality luminaires. A reliable, efficient luminaire with long lifetime, GreenPerform Waterproof Tubular G2 comes in two versions to meet various applications needs. The ammonia-resistant and sealed luminaire (PMMA) is suitable for animal lighting, livestock and food applications, while the PC version offers a modern and industrial design that is suitable for a wide range of general lighting applications. Both versions come with significant dust, water and impact protection

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

General Information

Light source engine type	LED
Value ladder	Performance

Light Technical

Luminous Flux	5,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161 lm/W
Color rendering index (CRI)	80
Light source color	840 neutral white
Unified glare rating CEN	30

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	31 W
Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B	24
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Control interface	Fixed Output

Mechanical and Housing

Housing Material	Plastic
Optical cover material	Polymethyl methacrylate
Housing Color	White RAL 9003
Optical cover finish	Opal
Ingress protection code	IP67 [Dust penetration-protected, watertight]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polymethyl methacrylate bowl/ cover
Net Weight (Piece)	1.240 kg

Approval and Application

CE mark	Yes
Ambient temperature range	-20 to +40 °C

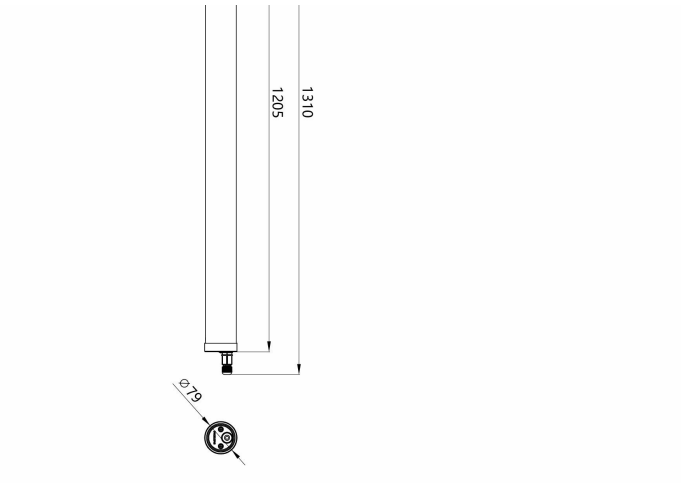
Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Product Data

Order product name	WT228C G2 LED50S/840 PSU L1200 TW
Full product name	WT228C G2 LED50S/840 PSU L1200 TW
Full product code	692382863538199
Order code	911401834588
Material Nr. (12NC)	911401834588
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6923828635381
Numerator - Packs per outer box	6
EAN/UPC - Case	6923828635497

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	GreenPerform-Waterproof-Tubular-G2-WT228C-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	WT228C-G2-LED50S840-PSU-L1200-TW.ies	Download

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