PHILIPS

WT238C G2 LED50S/840
PSD L1200 TW GM

911401834988



GreenPerform Waterproof Tubular G2, 31 W, 5000 lm, 4000 K, DALI

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	22
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Control interface	DALI

Mechanical and Housing

Housing Material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White RAL 9003
Optical cover finish	Opal
Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Optical cover type	Polycarbonate Diffuser
Net Weight (Piece)	1.440 kg

Approval and Application

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

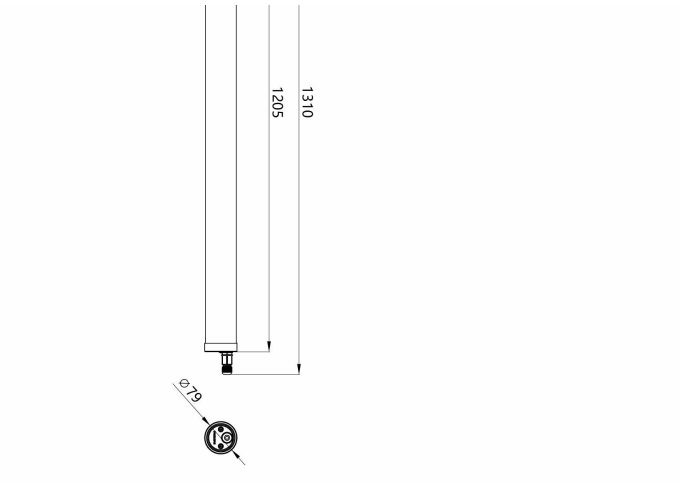
Initial Performance (IEC Compliant)

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

Product Data

Order product name	WT238C G2 LED50S/840 PSD L1200 TW GM
Full product name	WT238C G2 LED50S/840 PSD L1200 TW GM
Full product code	872110333285199
Order code	911401834988
Material Nr. (12NC)	911401834988
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103332851
Numerator - Packs per outer box	6
EAN/UPC - Case	8721103332967

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	GreenPerform-Waterproof-Tubular-G2-WT238C-GM-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	WT238C-G2-LED50S840-PSD-L1200-TW-GM.ies	Download

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