



GreenPerform Waterproof G3

WT198C LED27S/840 PSD L1200

GreenPerform Waterproof G3, 20.5 W, 2700 lm, 4000 K, DALI, 114°

GreenPerform Waterproof G3 is a superb choice for hard-working applications. Not only does it provide excellent optical performance, it also delivers substantial energy saving. And because it works seamlessly with IoT software like Interact, it also offers the option of customization, convenience, and data-driven insights.

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP65 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information		Color rendering index (CRI)	
Light source replaceable	No		>80
Number of gear units	1 unit	Beam angle of light source	120 degree(s)
Driver included	Yes	Light source color	840 neutral white
Light source engine type	LED	Optic type	-
Service tag	Yes	Luminaire light beam spread	114°
Value ladder	Performance	Operating and Electrical	
Warranty period	3 years + 2 years upon registration	Input Voltage	220 to 240 V
Light Technical		Line Frequency	50 or 60 Hz
Luminous Flux	2,700 lm	Initial CLO power consumption	- W
Correlated Color Temperature (Nom)	4000 K	Average CLO power consumption	- W
Luminous Efficacy (rated) (Nom)	132 lm/W	Inrush current	23 A
		Inrush time	221 ms

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Power Consumption	20.5 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B 22	
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Opal
Overall length	1,215 mm
Overall width	80 mm
Overall height	85 mm
Overall diameter	80 mm
Dimensions (Height x Width x Depth)	85 x 80 x 1215 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	-

Net Weight (Piece)	1.400 kg
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Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	No
Ambient temperature range	-20 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)
Power consumption tolerance	+/-10%

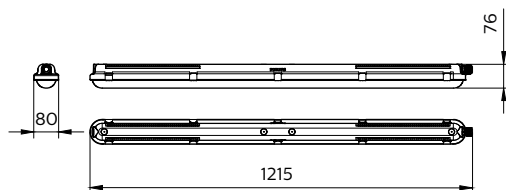
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	42,000 hour(s)
Median useful life L90B50	20,000 hour(s)

Product Data

Order product name	WT198C LED27S/840 PSD L1200
Full product name	WT198C LED27S/840 PSD L1200
Full product code	911401562761
Order code	911401562761
Material Nr. (12NC)	911401562761
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9

Dimensional drawing



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