



GreenPerform Waterproof G3

WT198C LED27S/840 PSD L1200

Power supply unit - 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 customisation, convenience and data-driven insights.

Product data

General Information	
Beam angle of light source	120°
Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	No [-]
Luminaire light beam spread	114°
Control interface	DALI
Connection	No [-]
Cable	-
Protection class IEC	Safety class I (I)
Glow-wire test	850/30 [Temperature 850 °C, duration 30 s]
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	-

Constant light output	Programmable
Number of products on MCB (16 A type B)	22
EU RoHS compliant	No
Light source engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	23 A
Inrush time	221 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1215 mm
Overall width	80 mm
Overall height	85 mm
Overall diameter	80 mm
Colour	Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	132 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	(0.38,0.38)

Initial input power	20.5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
Median useful life L80B50	42000 h
Median useful life L90B50	20000 h

Application Conditions

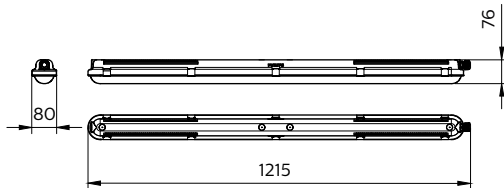
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	911401562761
Order product name	WT198C LED27S/840 PSD L1200
Order code	911401562761
SAP numerator – quantity per pack	1
Numerator – packs per outer box	9
SAP material	911401562761
SAP net weight (piece)	1.400 kg



Dimensional drawing



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