

GreenPerform Waterproof G3

WT198C LED27S/840 PSU 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 customization, convenience, and data-driven insights.

Product data

General information		Warranty period	
Beam angle of light source	120 °	Warranty period	3 years + 2 years upon registration
Light source color	840 neutral white	Constant light output	No
Light source replaceable	No	Number of products on MCB of 16 A type B	24
Number of gear units	1 unit	EU RoHS compliant	No
Driver/power unit/transformer	Power supply unit	Light source engine type	LED
Driver included	Yes	Operating and electrical	
Optic type	-	Input Voltage	220 to 240 V
Optical cover/lens type	-	Input Frequency	50 or 60 Hz
Luminaire light beam spread	114°	Initial CLO power consumption	- W
Control interface	-	Average CLO power consumption	- W
Connection	-	Inrush current	3.58 A
Cable	-	Inrush time	40 ms
Protection class IEC	Safety class I	Power Factor (Min)	0.9
Glow-wire test	Temperature 850 °C, duration 30 s	Controls and dimming	
Flammability mark	-	Dimmable	No
CE mark	CE mark		
ENEC mark	-		

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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
Color	Gray

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
Init. Corr. Color Temperature	4000 K
Init. Color 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

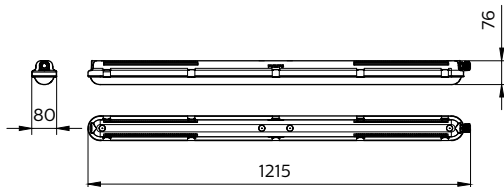
Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable

Product data

Full product code	911401825680
Order product name	WT198C LED27S/840 PSU L1200
Order code	911401825680
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9
Material Nr. (12NC)	911401825680
Net Weight (Piece)	1.400 kg



Dimensional drawing



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