

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 customization, convenience, and data-driven insights.

Product data

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

Warranty period	3 years + 2 years upon registration	
Constant light output	Programmable	
Number of products on MCB of 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	

Datasheet, 2022, July 30 data subject to change

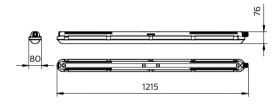
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Mechanical and housing	
Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1215 mm
Overall width	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	
Suitable for random switching	Not applicable	
Product data		
Full product code	911401562761	
Order product name	WT198C LED27S/840 PSD L1200	
Order code	911401562761	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	9	
Material Nr. (12NC)	911401562761	
Copy Net Weight (Piece)	1.400 kg	



Dimensional drawing



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