



GreenPerform Waterproof G3

WT198C LED27S/840 PSD L1200

Power supply unit - - - - 114°

GreenPerform Waterproof G3 provides excellent optics with reliable performance, easy installation and maintenance

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
LED 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

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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	-25 to +40 °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
Material no. (12 NC)	911401562761
SAP net weight (piece)	1.400 kg



Dimensional drawing



WT188C/WL020C

