![Philips Lighting logo]

GreenPerform Waterproof G3

WT198C LED80S/840 PSD L1500

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	21
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	25 A
Inrush time	214 ms
Power Factor (Min)	0.9

Controls and dimming

Dimmable	Yes

GreenPerform Waterproof G3

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	1515 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)	8000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	140 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38,0.38)

Initial input power	57 W
Power consumption tolerance	+/-10%

Over time performance (IEC compliant)

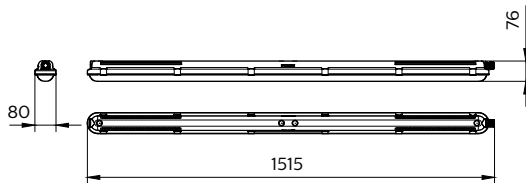|	
Median useful life L70B50	50000 h
Median useful life L80B50	42000 h
Median useful life L90B50	20000 h

Application conditions

Ambient temperature range	–20 to +45 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product data

Full product code	911401563061
Order product name	WT198C LED80S/840 PSD L1500
Order code	911401563061
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	9
Material Nr. (12NC)	911401563061
Copy Net Weight (Piece)	1.700 kg

850°C IP 65 IK 08

Dimensional drawing

76

80

1515

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www.lighting.philips.com

2022, July 30 – data subject to change