

GreenPerform Waterproof G3

WT198C LED80S/840 PSD L1500

GreenPerform Waterproof G3, 57.1 W, 8000 lm, 4000 K, DALI, 114°

The CoreLine 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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years + 2 years upon registration
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	No

Light Technical	
Luminous Flux	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80

Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Optical cover type	-
Luminaire light beam spread	114°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	25 A
Inrush time	214 ms
Power Consumption	57 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-

GreenPerform Waterproof G3

Number of products on MCB of 16 A type B	21

Temperature

Ambient temperature range	-20 to +45 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Opal
Overall length	1,515 mm
Overall width	80 mm
Overall height	85 mm
Overall diameter	80 mm
Dimensions (Height x Width x Depth)	85 x 80 x 1515 mm

Approval and Application

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

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	50,000 hour(s)
Median useful life L80B50	42,000 hour(s)
Median useful life L90B50	20,000 hour(s)

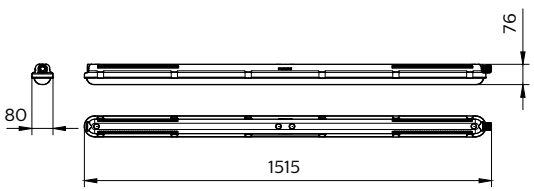
Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	WT198C LED80S/840 PSD L1500
Full product name	WT198C LED80S/840 PSD L1500
Full product code	911401563061
Order code	911401563061
Material Nr. (12NC)	911401563061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9

Dimensional drawing



GreenPerform Waterproof G3

© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2023, April 16 - data subject to change