PHILIPS

Lighting



GreenPerform Waterproof G3

WT198C LED37S/840 PSU PCO L1200

GreenPerform Waterproof G3, 28.6 W, 3700 lm, 4000 K, 135°

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	3,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 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	135°

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	5.16 A
Inrush time	47 ms
Power Consumption	28.6 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	24

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Temperature	
Ambient temperature range	-20 to +45 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

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	1,215 mm
Overall width	80 mm
Overall height	85 mm
Overall diameter	80 mm
Dimensions (Height x Width x Depth)	85 x 80 x 1215 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

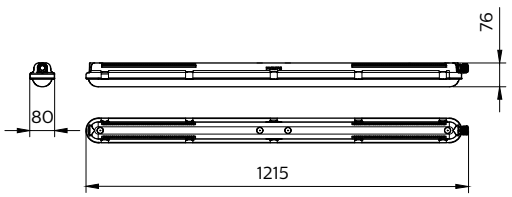
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38)
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1 %
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

Product Data	
Order product name	WT198C LED37S/840 PSU PCO L1200
Full product name	WT198C LED37S/840 PSU PCO L1200
Full product code	911401826380
Order code	911401826380
Material Nr. (12NC)	911401826380
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	9

Dimensional drawing



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2023, April 16 - data subject to change