



GreenPerform Waterproof G3

WT198C LED40S/840 PSU L1200 CL

GreenPerform Waterproof G3, 28.6 W, 4000 lm, 4000 K, 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.

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP65 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Product data

General Information		Operating and Electrical	
Light source replaceable	No	Beam angle of light source	120 degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	-
Light source engine type	LED	Luminaire light beam spread	114°
Service tag	Yes		
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	3 years + 2 years upon registration	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
Light Technical			
Luminous Flux	4,000 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	140 lm/W		
Color rendering index (CRI)	>80		

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Connection	-
Cable	-
Number of products on MCB of 16 A type B	24
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

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
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	-
Net Weight (Piece)	1.400 kg

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
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Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	No
Ambient temperature range	-20 to +45 °C

Initial Performance (IEC Compliant)

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

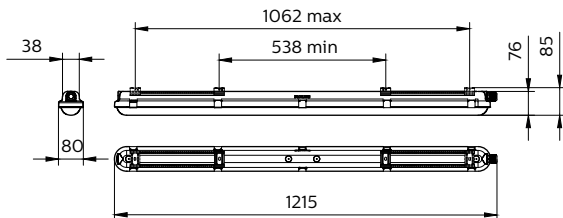
Over Time Performance (IEC Compliant)

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)

Product Data

Order product name	WT198C LED40S/840 PSU L1200 CL
Full product name	WT198C LED40S/840 PSU L1200 CL
Full product code	871016335894999
Order code	911401552261
Material Nr. (12NC)	911401552261
Local order code	WT194084P12
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163358949
Numerator - Packs per outer box	9
EAN/UPC - Case	8710163358970

Dimensional drawing



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