



GreenPerform Waterproof G3

WT198C LED40S/840 PSU L1200

GreenPerform Waterproof G3, 28.6 W, 4000 lm, 4000 K, 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		Operating and Electrical	
Light source replaceable	No	Input Voltage	220 to 240 V
Number of gear units	1 unit	Line Frequency	50 or 60 Hz
Driver included	Yes	Initial CLO power consumption	- W
Light source engine type	LED	Average CLO power consumption	- W
Light Technical		Inrush current	5.16 A
Luminous Flux	4,000 lm	Inrush time	47 ms
Luminous Efficacy (rated) (Nom)	140 lm/W	Power Consumption	28.6 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Color rendering index (CRI)	>80	Connection	-
Beam angle of light source	120 degree(s)	Cable	-
Light source color	840 neutral white	Number of products on MCB of 16 A type B	24
Optic type	-	Temperature	
Optical cover type	-	Ambient temperature range	-20 to +45 °C
Luminaire light beam spread	114°	Controls and Dimming	
		Dimmable	No

GreenPerform Waterproof G3

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
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

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 LED40S/840 PSU L1200
Full product name	WT198C LED40S/840 PSU L1200
Full product code	872016951836099
Order code	911401825780
Material Nr. (12NC)	911401825780
Net Weight (Piece)	1.400 kg
EAN/UPC - Product/Case	8720169518360
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169518971

Dimensional drawing



GreenPerform Waterproof G3

