GreenPerform Waterproof G3

WT198X LED82S/865 L1 W L1500

GreenPerform Waterproof G3, 59.1 W, 8200 lm, 6500 K, Wireless

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.

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	
Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance

Light Technical	
Luminous Flux	8,200 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	138.7 lm/W
Color rendering index (CRI)	80

Number of light sources	1
Light source color	865 cool daylight
Optic type	-

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	420 ms
Power Consumption	59.1 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 3-pole
Cable	-

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Number of products on MCB of 16 A type B	13
Suitable for random switching	Yes
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Step Dim
Control interface	Wireless
Maximum dim level	20%

Mechanical and Housing

Housing Material	Plastic
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Mounting device	Mounting bracket
Optical cover finish	Clear
Overall length	1,515 mm
Overall width	80 mm
Overall height	76 mm
Dimensions (Height x Width x Depth)	76 x 80 x 1515 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Polycarbonate bowl/cover
Net Weight (Piece)	1.700 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	-
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
EU RoHS compliant	No
Performance ambient temperature Tq	35 °C
Ambient temperature range	-20 to +45 °C

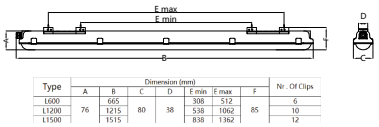
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.32, 0.33) SDCM≤3
Power consumption tolerance	+/-10%

Product Data

Order product name	WT198X LED82S/865 L1 W L1500
Full product name	WT198X LED82S/865 L1 W L1500
Full product code	872016953256499
Order code	911401552402
Material Nr. (12NC)	911401552402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169532564
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169544055

Dimensional drawing



Type	Dimension (mm)							Nr. Of Clips
	A	B	C	D	E min	E max	F	
L600	76	665	80	38	308	512	85	6
L1200		1215			538	1062		10
L1500		1515			838	1362		12

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