



GreenUp Waterproof

WT118C LED18 CW PSD L1200 ENG

GreenUp Waterproof, 20 W, 1800 lm, 6500 K, DALI, 120°

GreenUp Waterproof is a high efficient and reliable LED luminaire, designed for industrial application with humid and dust protection requirement. It delivers significant energy savings of up to 62% as compared to conventional dual-T8 waterproof. Utilization of UV-shield PC and extrusion process makes it suitable for semi-outdoor environments, and together with the built-in breather ensure a sound performance. With professional optic design and Philips LED module gives the most comfortable light experience of CRI 85.

Product data

General Information		Color rendering index (CRI)	
Lamp family code	LED18S [LED Module, system flux 1800 lm]	Beam angle of light source	>80
Light source replaceable	No	Light source color	120 degree(s)
Number of gear units	1 unit	Optic type	Cool white
Gear	-	Optical cover type	Symmetrical
Driver included	Yes	Luminaire light beam spread	Opal
Light source engine type	LED		120°
Glow-wire test	Temperature 650 °C, duration 5 s	Operating and Electrical	
Flammability mark	-	Input Voltage	220 to 240 V
CE mark	CE mark	Line Frequency	50 to 60 Hz
ENEC mark	-	Inrush current	14.7 A
Warranty period	3 years	Inrush time	250 ms
EU RoHS compliant	Yes	Power Consumption	20 W
		Power Factor (Fraction)	0.9
		Connection	Flying leads/wires
		Cable	Cable 0.3 m without plug
		Number of products on MCB of 16 A type B	24
Light Technical			
Luminous Flux	1,800 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	90 lm/W		

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Temperature

Ambient temperature range	-20 to +40 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
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 and white
Optical cover finish	Opal
Overall length	1,168 mm
Overall width	50 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 50 x 1168 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Median useful life L70B50	40,000 hour(s)
Median useful life L80B50	38,000 hour(s)
Median useful life L90B50	35,000 hour(s)

Application Conditions

Maximum dim level	1%
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Product Data

Order product name	WT118C LED18 CW PSD L1200 ENG
Full product name	WT118C LED18 CW PSD L1200 ENG
Full product code	911401822399
Order code	911401822399
Material Nr. (12NC)	911401822399
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

