



GreenUp Waterproof

WT118C LED18 NW PSD L600 ENG

GreenUp Waterproof, 21 W, 2000 lm, 4000 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			
Light source replaceable	No	Beam angle of light source	120 degree(s)
Number of gear units	1 unit	Light source color	Neutral white
Gear	-	Optic type	Symmetrical
Driver included	Yes	Optical cover type	Opal
Light source engine type	LED	Luminaire light beam spread	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	21 W
Light Technical		Power Factor (Fraction)	0.9
Luminous Flux	2,000 lm	Connection	Flying leads/wires
Correlated Color Temperature (Nom)	4000 K	Cable	Cable 0.3 m without plug
Luminous Efficacy (rated) (Nom)	95.24 lm/W	Number of products on MCB of 16 A type B 24	
Color rendering index (CRI)	>80		

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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	604 mm
Overall width	50 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 50 x 604 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 NW PSD L600 ENG
Full product name	WT118C LED18 NW PSD L600 ENG
Full product code	911401822199
Order code	911401822199
Material Nr. (12NC)	911401822199
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

