

GreenUp Waterproof

WT118C LED45 CW PSU L1500 ENG

GreenUp Waterproof, 46 W, 4800 lm, 6500 K, 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	
Lamp family code	LED48S [LED module, system flux 4800 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	4,800 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	104.35 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	Cool white
Optic type	Symmetrical
Optical cover type	Opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	280 ms
Power Consumption	46 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

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Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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	1,450 mm
Overall width	50 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 50 x 1450 mm

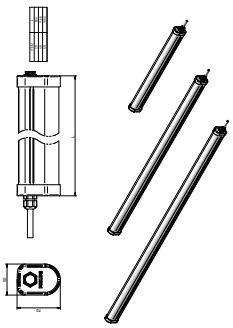
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I

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)

Product Data	
Order product name	WT118C LED45 CW PSU L1500 ENG
Full product name	WT118C LED45 CW PSU L1500 ENG
Full product code	911401821099
Order code	911401821099
Material Nr. (12NC)	911401821099
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

Dimensional drawing



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