



Smartbright Waterproof G2

WT066C NW LED18 L1200 PSU TB

Smartbright Waterproof G2, 19.4 W, 1800 lm, 4000 K, 120°

SmartBright Waterproof G2 is an innovation from SmartBright Waterproof G1, can be used to replace traditional waterproof luminaires with fluorescent lamps or LED tubes, provides quality of light with substantial energy & maintenance savings. The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser), it is an ideal lighting solution for canopy, food industry, parking garages, car washers. Beyond that, SmartBright Waterproof G2 is also maintenance free by seal for life integral design, and reliable 25K hrs lifetime.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	1,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	Neutral white
Optic type	Symmetrical
Optical cover type	Polycarbonate bowl/cover opal
Luminaire light beam spread	120°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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Inrush current	6.9 A
Inrush time	0.1 ms
Power Consumption	19.4 W
Power Factor (Fraction)	0.9
Connection	Screw connection block
Cable	-
Number of products on MCB of 16 A type B	70

Temperature

Ambient temperature range	-30 to +45 °C
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Controls and Dimming

Dimmable	No
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 and white
Optical cover finish	Opal
Overall length	1,226 mm
Overall width	68 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 68 x 1226 mm

Approval and Application

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

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	0.0022 %
Median useful life L70B50	25,000 hour(s)
Median useful life L80B50	17,500 hour(s)
Median useful life L90B50	8,100 hour(s)

Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	WT066C NW LED18 L1200 PSU TB
Full product name	WT066C NW LED18 L1200 PSU TB
Full product code	871016331172299
Order code	911401823097
Material Nr. (12NC)	911401823097
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163311722
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163312026

Dimensional drawing

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