

Smartbright Waterproof G2

WT066C NW LED18 L1200 PSU TW

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, car parks, 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	
Beam angle of light source	- °
Lamp colour code	Neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	PCO [Polycarbonate bowl/cover opal]
Luminaire light beam spread	120°
Control interface	-
Connection	Screw connection block
Cable	-
Protection class IEC	Safety class II (II)
Glow-wire test	750/5 [Temperature 750 °C, duration 5 s]
Flammability mark	NO [-]
CE mark	CE mark

ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB	70
RoHS mark	RoHS mark

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	6.9 A
Inrush time	0.1 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1254 mm
Overall width	68 mm
Overall height	60 mm
Colour	Grey and White

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux	1800 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<5
Initial input power	19.4 W

Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

Median useful life L70B50	25000 h
Median useful life L80B50	17500 h
Median useful life L90B50	8100 h

Application Conditions

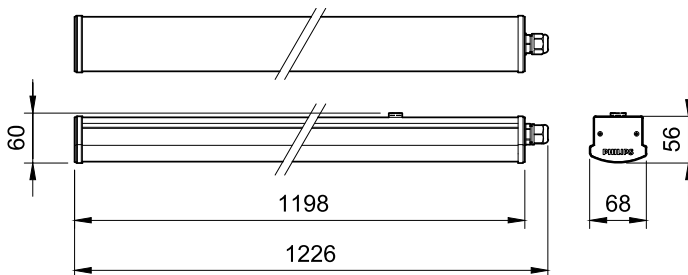
Ambient temperature range	-30 to +45 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016331182199
Order product name	WT066C NW LED18 L1200 PSU TW
EAN/UPC – product	8710163311821
Order code	31182199
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401824097
Net weight (piece)	0.860 kg



Dimensional drawing



WT066C/WT067C

