



Smartbright Waterproof G2

WT066C CW LED36 L1200 PSU FW

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	Cool white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Luminaire light beam spread	120°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class II
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years

Constant light output	No
Number of products on MCB	45
RoHS mark	RoHS mark

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Inrush current	12.5 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

Smartbright Waterproof G2

Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1226 mm
Overall width	68 mm
Overall height	60 mm

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	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial chromaticity	SDCM<5
Initial input power	40 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.0022 %
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Median useful life L70B50	25000 h
Median useful life L80B50	17500 h
Median useful life L90B50	8100 h

Application Conditions

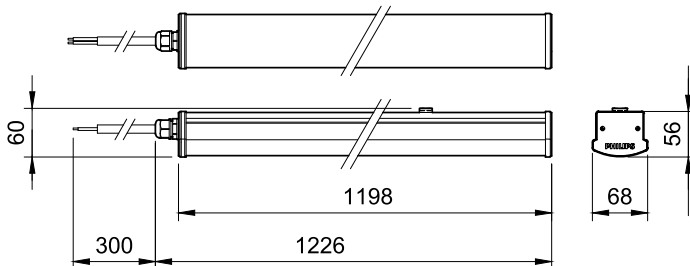
Ambient temperature range	-30 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016331193799
Order product name	WT066C CW LED36 L1200 PSU FW
EAN/UPC – product	8710163311937
Order code	911401825197
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401825197
Net weight (piece)	0.830 kg



Dimensional drawing



WT066C

