

PHILIPS

Lighting



Smartbright Waterproof G2

WT066C NW LED45 L1500 PSU FW

Power supply unit - Symmetrical - Polycarbonate bowl/cover opal - 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		Protection class IEC	
Beam angle of light source	- °	Protection class IEC	Safety class II
Light source color	Neutral white	Glow-wire test	Temperature 750 °C, duration 5 s
Light source replaceable	No	Flammability mark	-
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	Power supply unit	ENEC mark	-
Driver included	Yes	Warranty period	3 years
Optic type	Symmetrical	Constant light output	No
Optical cover/lens type	Polycarbonate bowl/cover opal	Number of products on MCB of 16 A type B	45
Luminaire light beam spread	120°	EU RoHS compliant	Yes
Control interface	-	Light source engine type	LED
Connection	Flying leads/wires	Service tag	Yes
Cable	Cable 0.3 m without plug		

Smartbright Waterproof G2

Operating and Electrical

Input Voltage	220 to 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
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1526 mm
Overall width	68 mm
Overall height	60 mm
Color	Gray 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 (system flux)	4500 lm
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Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	90 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	SDCM<5
Initial input power	49 W
Power consumption tolerance	+/-10%

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

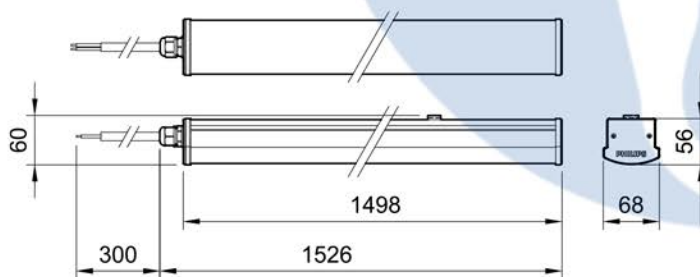
Ambient temperature range	-30 to +45 °C
Maximum dim level	Not applicable

Product Data

Full product code	871016331196899
Order product name	WT066C NW LED45 L1500 PSU FW
EAN/UPC - Product	8710163311968
Order code	911401825497
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	911401825497
Net Weight (Piece)	1.010 kg



Dimensional drawing



WT066C/WT067C

