

Smartbright Waterproof G2

WT066C NW LED45 L1500 PSU TW

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, 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		Protection class IEC	
Beam angle of light source	- °	Protection class IEC	Safety class II (II)
Lamp colour code	Neutral white	Glow-wire test	750/5 [Temperature 750 °C, duration 5 s]
Light source replaceable	No	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	-
Driver included	Yes	Warranty period	3 years
Optic type	Symmetrical	Constant light output	No
Optical cover/lens type	PCO [Polycarbonate bowl/cover opal]	Number of products on MCB	45
Luminaire light beam spread	120°	LED engine type	LED
Control interface	-	Operating and Electrical	
Connection	Screw connection block	Input voltage	220 to 240 V
Cable	-	Input frequency	50 to 60 Hz

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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	1554 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	4500 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	49 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

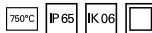
Median useful life L70B50	25000 h
Median useful life L80B50	17500 h
Median useful life L90B50	8100 h

Application Conditions

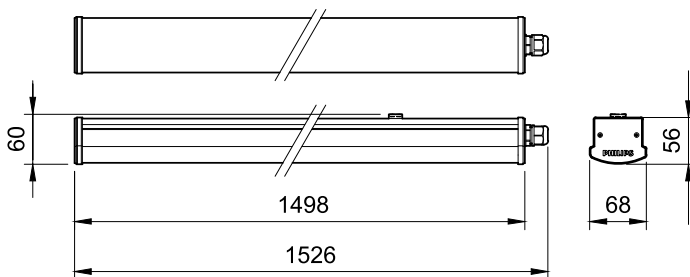
Ambient temperature range	-30 to +45 °C
Maximum dimming level	Not applicable

Product Data

Full product code	871016331186999
Order product name	WT066C NW LED45 L1500 PSU TW
EAN/UPC – product	8710163311869
Order code	31186999
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401824497
Net weight (piece)	1.040 kg



Dimensional drawing



WT066C/WT067C

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