

Smartbright Waterproof G2

WT066C CW LED45 L1500 PSU TB

Smartbright Waterproof G2, 49 W, 4500 lm, 6500 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
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 750 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	4,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	Cool 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	12.5 A
Inrush time	0.1 ms
Power Consumption	49 W
Power Factor (Fraction)	0.9
Connection	Screw connection block
Cable	-
Number of products on MCB of 16 A type B	45

Temperature	
Ambient temperature range	-30 to +45 °C

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	1,526 mm
Overall width	68 mm
Overall height	60 mm
Dimensions (Height x Width x Depth)	60 x 68 x 1526 mm

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

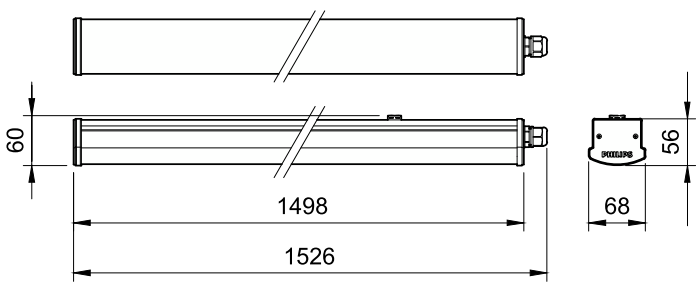
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<5
Power consumption tolerance	+/-10%

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

Product Data	
Order product name	WT066C CW LED45 L1500 PSU TB
Full product name	WT066C CW LED45 L1500 PSU TB
Full product code	871016331175399
Order code	31175399
Material Nr. (12NC)	911401823397
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163311753
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163312057

Dimensional drawing



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2023, May 1 - data subject to change