



Smartbright Waterproof G2

WT066C CW LED45 L1500 PSU TW

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	Mech. in
Inrush time	0.1 ms	Protectio
Power Consumption	49 W	
Power Factor (Fraction)	0.9	Initial F
Connection	Screw connection block	Luminou
Cable	-	Initial ch
Number of products on MCB of 16 A type	B 45	Power co
Temperature		Over Ti
Ambient temperature range	-30 to +45 ℃	Driver fa
		Median
Controls and Dimming		Median
Dimmable	No	Median
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Applica
Constant light output	No	Maximu
Mechanical and Housing		Produc
Housing Material	Polycarbonate	Order pr
Reflector material	Steel	Full proc
Optic material	Polycarbonate	Full proc
Optical cover material	Polycarbonate	Order co
Fixation material	Stainless steel	Material
Housing Color	Gray and white	Numerat
Optical cover finish	Opal	EAN/UP
Overall length	1,554 mm	Numerat
Overall width	68 mm	EAN/UP
Overall height	60 mm	
Dimensions (Height x Width x Depth)	60 x 68 x 1554 mm	

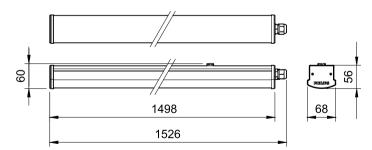
Mech. impact protection code	IK06 [1 J]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.0022 %	
Median 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 TW	
Full product name	WT066C CW LED45 L1500 PSU TW	
Full product code	871016331185299	
Order code	31185299	
Material Nr. (12NC)	911401824397	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163311852	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8710163312156	

Approval and Application

Ingress protection code

IP65 [Dust penetration-protected, jet-proof]

Dimensional drawing



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