



# Smartbright Waterproof G2

## WT066C NW LED45 L1500 PSU TW

Smartbright Waterproof G2, 49 W, 4500 lm, 4000 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	
Light Technicat	
Luminous Flux	4,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	90 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	- degree(s)
Light source color	Neutral 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. impact protection code
Inrush time	0.1 ms	Protection class IEC
Power Consumption	49 W	
Power Factor (Fraction)	0.9	Initial Performance (IEC Compliant)
Connection	Screw connection block	Luminous flux tolerance
Cable	-	Initial chromaticity
Number of products on MCB of 16 A typ	<b>e B</b> 45	Power consumption tolerance
Temperature		Over Time Performance (IEC Compli
Ambient temperature range	-30 to +45 ℃	Driver failure rate at 5000 h
		Median useful life L70B50
Controls and Dimming		Median useful life L80B50
Dimmable	No	Median useful life L90B50
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Application Conditions
Constant light output	No	Maximum dim level
Mechanical and Housing		Product Data
Housing Material	Polycarbonate	Order product name
Reflector material	Steel	Full product name
Optic material	Polycarbonate	Full product code
Optical cover material	Polycarbonate	Order code
Fixation material	Stainless steel	Material Nr. (12NC)
Housing Color	Gray and white	Local order code
Optical cover finish	Opal	Numerator - Quantity Per Pack
Overall length	1,554 mm	EAN/UPC - Product/Case
Overall width	68 mm	Numerator - Packs per outer box
Overall height	60 mm	EAN/UPC - Case
Dimensions (Height x Width x Depth)	60 x 68 x 1554 mm	

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 h	
Median useful life L80B50	17,500 h	
Median useful life L90B50	8,100 h	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	WT066C NW LED45 L1500 PSU TW	
Full product name	WT066C NW LED45 L1500 PSU TW	
Full product code	871016331186999	
Order code	911401824497	
Material Nr. (12NC)	911401824497	
Local order code	WT066C454K150TW	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163311869	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8710163312163	

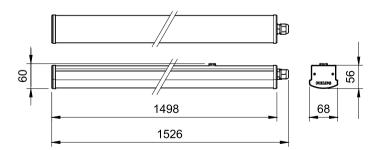
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### Approval and Application

Ingress protection code

IP65 [Dust penetration-protected, jet-proof]

## Dimensional drawing



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