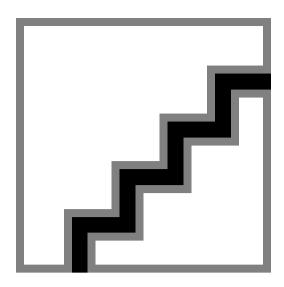
PHILIPS Lighting



Smartbright Waterproof G2

WT066C NW LED36 L1200 PSU FW

Smartbright Waterproof G2, 40 W, 3600 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
Glow-wire test	Temperature 750 °C, duration 5 s
Flammability mark	_
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,600 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

Smartbright Waterproof G2

Inrush current	12.5 A	
Inrush time	0.1 ms	
Power Consumption	40 W	
Power Factor (Fraction)	0.9	
Connection	Flying leads/wires	
Cable	Cable 0.3 m without plug	
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	1,226 mm	
Overall width	68 mm	
Overall height	60 mm	
Dimensions (Height x Width x Depth)	60 x 68 x 1226 mm	

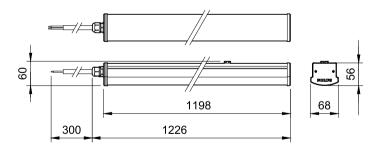
Mech. impact protection code	IK06 [1 J]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.0022 %	
Median 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 NW LED36 L1200 PSU FW	
Full product name	WT066C NW LED36 L1200 PSU FW	
Full product code	871016331194499	
Order code	911401825297	
Material Nr. (12NC)	911401825297	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163311944	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8710163312248	

Approval and Application

Ingress protection code

IP65 [Dust penetration-protected, jet-proof]

Dimensional drawing



Smartbright Waterproof G2



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www.lighting.philips.com 2023, November 23 - data subject to change