



Smartbright Waterproof G2

WT066C NW LED36 L1200 PSU TW

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
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	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	Mech. impac
Inrush time	0.1 ms	Protection c
Power Consumption	40 W	
Power Factor (Fraction)	0.9	Initial Perf
Connection	Screw connection block	Luminous flu
Cable	-	Initial chrom
Number of products on MCB of 16 A type	B 45	Power const
Temperature		Over Time
Ambient temperature range	-30 to +45 °C	Driver failur
		Median usef
Controls and Dimming		Median usef
Dimmable	No	Median usef
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	Applicatio
Constant light output	No	Maximum d
Mechanical and Housing		Product Da
Housing Material	Polycarbonate	Order produ
Reflector material	Steel	Full product
Optic material	Polycarbonate	Full product
Optical cover material	Polycarbonate	Order code
Fixation material	Stainless steel	Material Nr.
Housing Color	Gray and white	Numerator -
Optical cover finish	Opal	EAN/UPC -
Overall length	1,254 mm	Numerator -
Overall width	68 mm	EAN/UPC -
Overall height	60 mm	
Dimensions (Height x Width x Depth)	60 x 68 x 1254 mm	

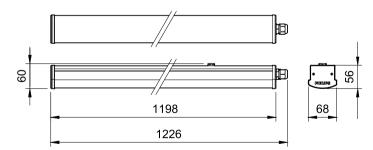
Mech. impact protection code	IK06 [1 J]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	SDCM<5	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Driver failure rate at 5000 h	0.0022 %	
Median 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 TW	
Full product name	WT066C NW LED36 L1200 PSU TW	
Full product code	871016331184599	
Order code	911401824297	
Material Nr. (12NC)	911401824297	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8710163311845	
Numerator - Packs per outer box	4	
EAN/UPC - Case	8710163312149	

Approval and Application

Ingress protection code

IP65 [Dust penetration-protected, jet-proof]

Dimensional drawing



Smartbright Waterproof G2



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, April 30 - data subject to change