



Greenperform Waterproof G2 - WT188C

WT188C LED60 NW L1500 PSD TB

Greenperform Waterproof G2 luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser, stainless steel installation accessory). We design for friendly optical, energy saving, reliable quality, and easy wiring. Beyond that, GreenParking wireless motion detective system is ready to provide the maximum energy saving and new lighting experience to you.

Product data

General Information		Constant light output	
Beam angle of light source	- °	Constant light output	No
Light source colour	Neutral white	Number of products on MCB	24
Light source replaceable	No	RoHS mark	RoHS mark
Number of gear units	1 unit	Operating and Electrical	
Driver/power unit/transformer	PSU [Power supply unit]	Input voltage	220 to 240 V
Driver included	Yes	Input frequency	50 to 60 Hz
Optic type	Symmetrical	Inrush current	22 A
Luminaire light beam spread	120°	Inrush time	0.275 ms
Control interface	DALI	Power factor (min.)	0.95
Protection class IEC	Safety class I (I)	Controls and Dimming	
Glow-wire test	750/5 [Temperature 750 °C, duration 5 s]	Dimmable	Yes
Flammability mark	NO [-]	Mechanical and Housing	
CE mark	CE mark	Housing material	Polycarbonate
ENEC mark	-		
Warranty period	3 years		

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Reflector material	Steel
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1452 mm
Overall width	84 mm
Overall height	83 mm
Colour	Gray and white

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	5400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	108 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>80
Initial chromaticity	SDCM<5
Initial input power	50 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

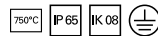
Median useful life L70B50	50000 h
Median useful life L80B50	45000 h
Median useful life L90B50	35000 h

Application Conditions

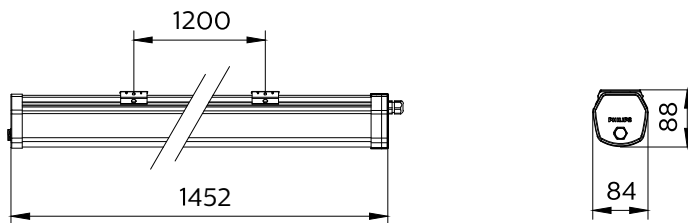
Ambient temperature range	-30 to +40 °C
Maximum dimming level	1%
Suitable for random switching	Not applicable

Product Data

Full product code	911401832097
Order product name	WT188C LED60 NW L1500 PSD TB
Order code	01832097
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	911401832097
Net weight (piece)	1.699 kg



Dimensional drawing



WT188C/WL020C

