



# Greenperform Waterproof G2 -WT188C

### WT188C LED40 NW L1200 PSD TB

Greenperform Waterproof G2 - WT188C, 34 W, 4000 lm, 4000 K, DALI,  $120^{\circ}$ 

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	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
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	4,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 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 foggy
Luminaire light beam spread	120°

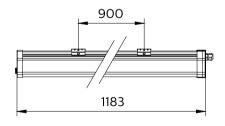
Datasheet, 2023, April 15 data subject to change

# **Greenperform Waterproof G2 - WT188C**

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Screw connection block
Number of products on MCB of 16 A type B	38
Temperature	
Ambient temperature range	-30 to +45 ℃
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
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	1,183 mm
Overall width	84 mm
Overall height	83 mm

Approval and Application  Ingress protection code  IP65 [Dust penetration-protected, jet-pro Mech. impact protection code  IK08 [5 J vandal-protected]  Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Initial chromaticity  SDCM<5  Power consumption tolerance  +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50  Median useful life L80B50  45,000 hour(s)  Median useful life L90B50  35,000 hour(s)  Application Conditions  Maximum dim level  1%  Product Data  Order product name  WT188C LED40 NW L1200 PSD TB  Full product code  911401830797  Order code	Dimensions (Height x Width x Depth)	83 x 84 x 1183 mm
Ingress protection code  IP65 [Dust penetration-protected, jet-product protection code		
Mech. impact protection code  IKO8 [5 J vandal-protected]  Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Initial chromaticity  SDCM<5  Power consumption tolerance  +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50  50,000 hour(s)  Median useful life L80B50  45,000 hour(s)  Median useful life L90B50  35,000 hour(s)  Application Conditions  Maximum dim level  1%  Product Data  Order product name  WT188C LED40 NW L1200 PSD TB  Full product code  911401830797	Approval and Application	
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Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity SDCM<5  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50 50,000 hour(s)  Median useful life L80B50 45,000 hour(s)  Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminous flux tolerance +/-10%  Initial chromaticity SDCM<5  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50 50,000 hour(s)  Median useful life L80B50 45,000 hour(s)  Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Protection class IEC	Safety class I
Luminous flux tolerance +/-10%  Initial chromaticity SDCM<5  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50 50,000 hour(s)  Median useful life L80B50 45,000 hour(s)  Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797		
Initial chromaticity  SDCM<5  Power consumption tolerance  +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50  50,000 hour(s)  Median useful life L80B50  45,000 hour(s)  Median useful life L90B50  35,000 hour(s)  Application Conditions  Maximum dim level  1%  Product Data  Order product name  WT188C LED40 NW L1200 PSD TB  Full product code  911401830797	Initial Performance (IEC Compliant)	)
Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Median useful life L70B50 50,000 hour(s)  Median useful life L80B50 45,000 hour(s)  Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Luminous flux tolerance	+/-10%
Over Time Performance (IEC Compliant)  Median useful life L70B50 50,000 hour(s)  Median useful life L80B50 45,000 hour(s)  Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Initial chromaticity	SDCM<5
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Median useful life L90B50 35,000 hour(s)  Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Median useful life L70B50	50,000 hour(s)
Application Conditions  Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Median useful life L80B50	45,000 hour(s)
Maximum dim level 1%  Product Data  Order product name WT188C LED40 NW L1200 PSD TB  Full product name WT188C LED40 NW L1200 PSD TB  Full product code 911401830797	Median useful life L90B50	35,000 hour(s)
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<b>Order code</b> 911401830797	Full product code	911401830797
	Order code	911401830797
<b>Material Nr. (12NC)</b> 911401830797	Material Nr. (12NC)	911401830797
Numerator - Quantity Per Pack 1	Numerator - Quantity Per Pack	1
Numerator - Packs per outer box 1	Numerator - Packs per outer box	1

## Dimensional drawing





## **Greenperform Waterproof G2 - WT188C**



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