

GreenPerform Waterproof G2

GreenPerform Waterproof G2 is an upgraded functional product that provides excellent lighting quality, substantial energy saving and maintenance free saving.

The luminaire and its components are designed for both indoor and semi-outdoor application (anti-UV PC material housing and diffuser, stainless steel installation accessory). It is an perfect lighting solution for canopy, food and beverage industry, parking garages, car washers, general industry area etc.

Beyond that, GreenParking wireless motion detective system is ready to provide the maximum energy saving and new lighting experience to you.

Features & Benefits

- **Leading design:** IP65 IK08, integral system design, anti UV Polycarbonate housing, dual extrusion technology, GreenParking system ready.
- **Excellent Performance:** good uniformity SDCM<5, high light quality CRI>80, excellent TCO efficiency > 110 lm/w, PF > 0.9.
- **Reliable Quality:** 50K hours @ L70B50 lifetime, wide range working temperature from -30°C to +45°C, can be applied in various industrial environments.
- **Easy Installation:** suspension & surface installation to ceiling and vertical wall. Stainless mounting accessory all in 1 package with luminaire.
- **Easy Wiring:** 3 different wiring options fulfill with customer wiring habits, and saving labor cost.



PHILIPS

GreenPerform Waterproof G2 – WT188C

Specifications

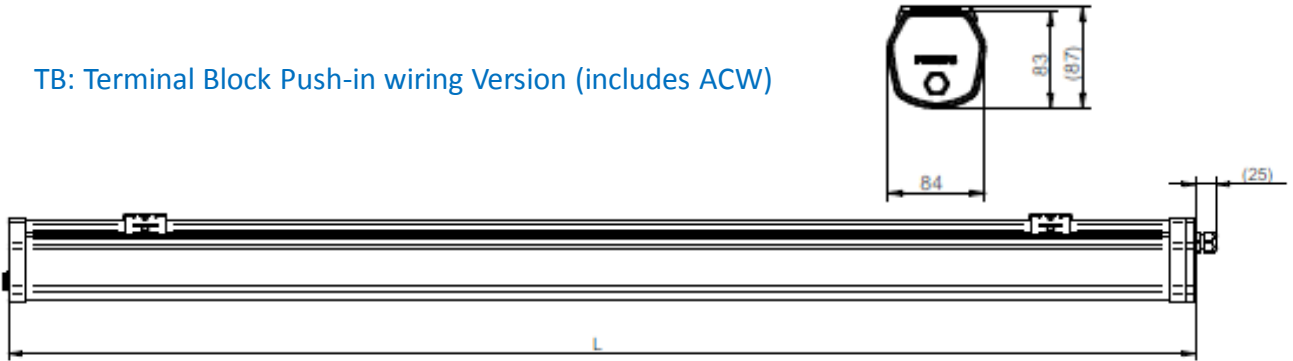
Product		Greenperform Waterproof G2 WT188C				
T5/T8 Replacement		1/2 x 18W/14W		1/2 x 36W/28W		1/2 x 58W/54W
Types	Length	600mm		1200mm		1500mm
	Lumen	1000lm	2000lm	2000lm	4000lm	5400lm
	Power	9W	18W	16W	34W	50W
Electrical	Input Voltage	220~240/50~60hz				
	Power factor	0.9	0.95	0.9	0.9	0.95
	System Efficiency	111 lm/w	111 lm/w	125 lm/w	117 lm/w	108 lm/w
Optics	Color	NW 4000K; CW 6500K				
	SDCM	<5				
	CRI	>80				
	Photometric	symmetrical				
Mechanical	IP Rating	IP65				
	IK Rating	IK08				
	Dimesntion	W x H : 84.5 mm x 83.5 mm				
Operating temperature		L600 and L1200: - 30°C ~ +45°C L1500 mm: - 30°C ~ +40°C (GreenParking: -30°C ~ +40°C)				
Safety Class		CLASS I				
Lifetime		50 K hrs (L70B50) @25°C				
Connect interface		Terminal block push -inside Middle Wiring Through Wiring max. 25pcs (L1200mm) Flying wire 0.3m (ETO option)				
Installation		Surface & Suspension				
System & Control		Fixed & Dali ACW Wireless (motion detective)				
Approbation		CB/ EMC/ CE/ SAA				

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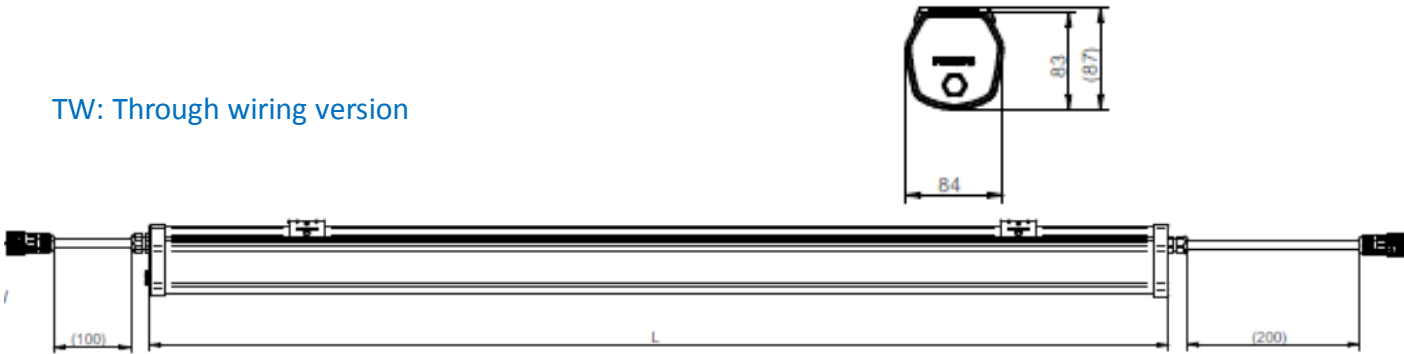
Dimensional Drawing
(units: mm)

L	L600	L1200	L1500
MW	615	1177	1446
TB	621	1183	1452
ACW	N. A	1208	1472
TW	615	1177	1446

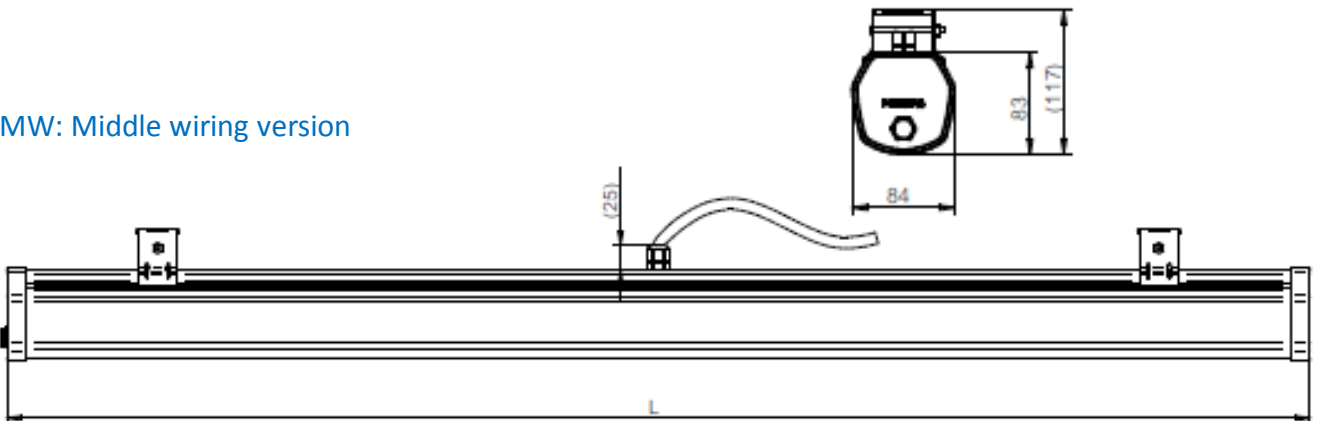
TB: Terminal Block Push-in wiring Version (includes ACW)



TW: Through wiring version



MW: Middle wiring version



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Product Details

End cup openable for terminal block wiring (TB version)



IP65 quick connect for through wiring (TW version)



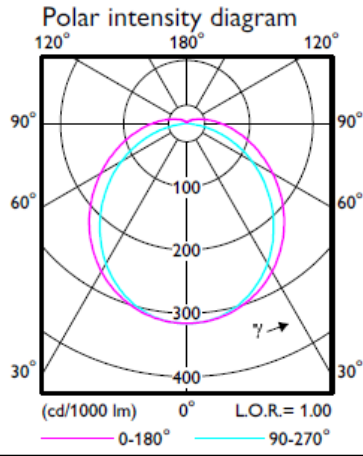
Cable from middle of backside for wiring (MW version)



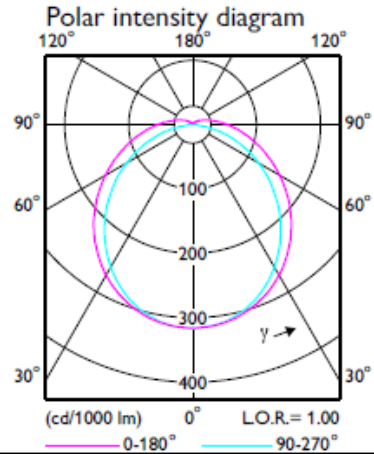
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Photometric

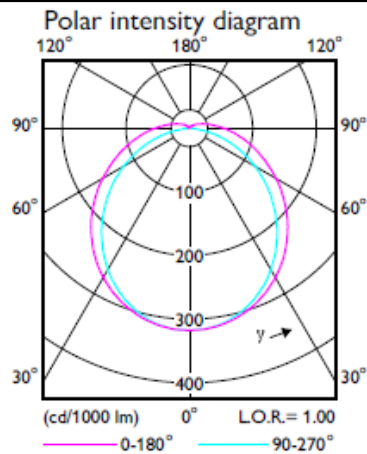
WT188C CW 6500K LED10 PSU L600 1x LED
1 x 1000 lm
L.O.R : 1.00



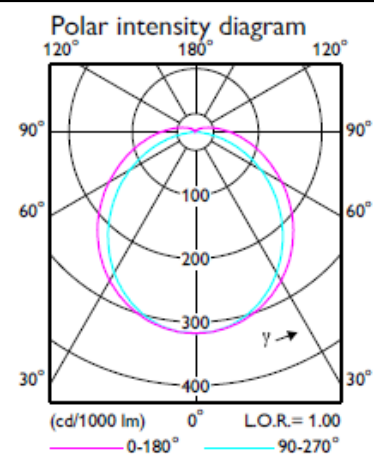
WT188C NW 4000K LED10 PSU L600 1x LED
1 x 1000 lm
L.O.R : 1.00



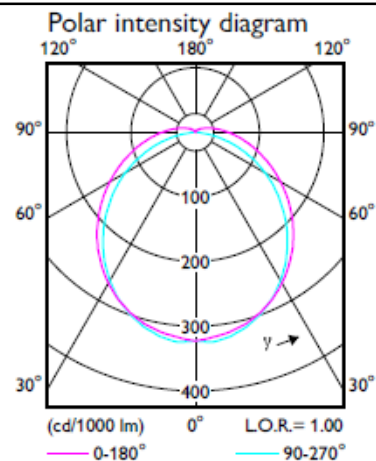
WT188C CW 6500K LED20 PSU L600 1x LED
1 x 2000 lm
L.O.R : 1.00



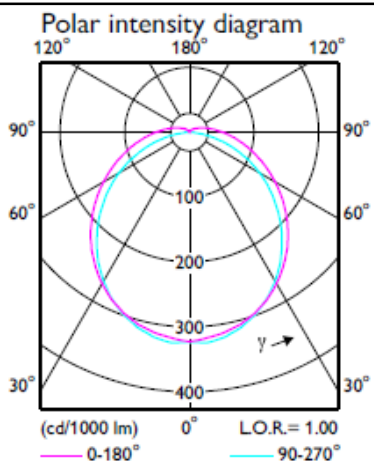
WT188C NW-4000 LED20 L600 1x LED
1 x 2000 lm
L.O.R : 1.00



WT188C CW 6500K LED20 PSU L1200 1x LED
1 x 2000 lm
L.O.R : 1.00



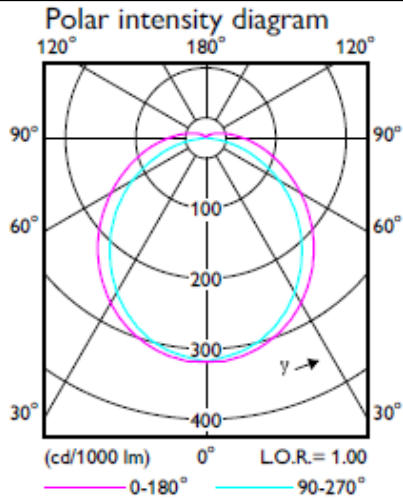
WT188C NW 4000K LED20 PSU L1200 1x LED
1 x 2000 lm
L.O.R : 1.00



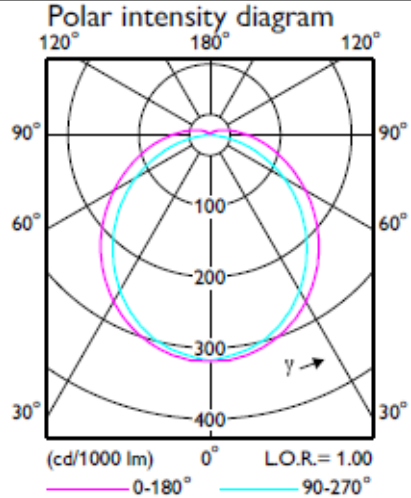
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Photometric

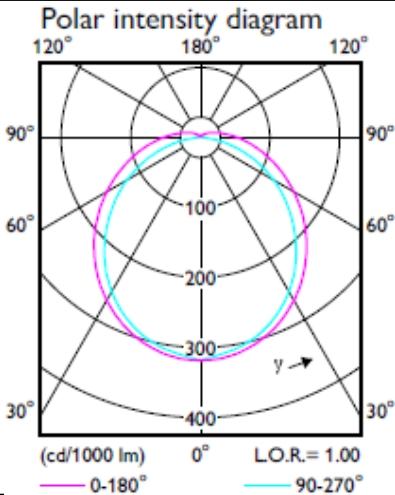
WT188C CW 6500K LED40 PSU L1200 1x LED
1 x 4000 lm
L.O.R : 1.00



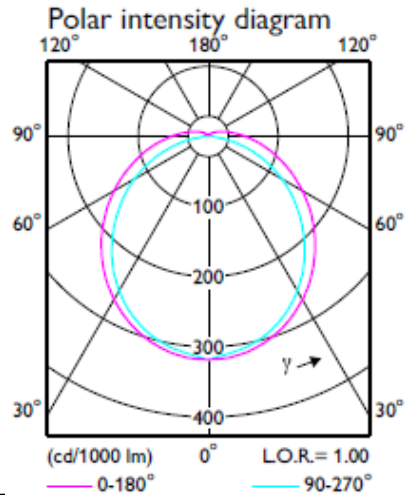
WT188C NW-4000 LED36 L1200 1x LED
1 x 4000 lm
L.O.R : 1.00



WT188C CW 6500K LED60 PSU L1500 1x LED
1 x 5400 lm
L.O.R : 1.00



WT188C NW 4000K LED60 PSU L1500 1x LED
1 x 5400 lm
L.O.R : 1.00



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No.	12NC	Product Description
1	911401511841	WT188C LED10 NW L600 PSU TB
2	911401830197	WT188C LED10 NW L600 PSD TB
3	911401830297	WT188C LED10 CW L600 PSU TB
4	911401830397	WT188C LED10 CW L600 PSD TB
5	911401830697	WT188C LED40 NW L1200 PSU TB
6	911401830797	WT188C LED40 NW L1200 PSD TB
7	911401831097	WT188C LED40 CW L1200 PSU TB
8	911401831197	WT188C LED60 CW L1500 PSD TB
9	911401831297	WT188C LED60 CW L1500 PSU TB
10	911401831397	WT188C LED40 CW L1200 PSD TB
11	911401831797	WT188C LED20 NW L600 PSD TB
12	911401831997	WT188C LED20 NW L600 PSU TB
13	911401832097	WT188C LED60 NW L1500 PSD TB
14	911401832197	WT188C LED60 NW L1500 PSU TB
15	911401832297	WT188C LED20 CW L600 PSU TB
16	911401832397	WT188C LED20 CW L600 PSD TB
17	911401832597	WT188C LED20 NW L1200 PSD TB
18	911401832797	WT188C LED20 NW L1200 PSU TB
19	911401832997	WT188C LED20 CW L1200 PSD TB
20	911401833197	WT188C LED20 CW L1200 PSU TB
1	911401830497	WT188C LED10 NW L600 PSU MW
2	911401830897	WT188C LED10 CW L600 PSU MW
3	911401831597	WT188C LED60 CW L1500 PSU MW
4	911401831697	WT188C LED40 NW L1200 PSU MW
5	911401831897	WT188C LED60 NW L1500 PSU MW
6	911401832497	WT188C LED40 CW L1200 PSU MW
7	911401832897	WT188C LED20 NW L600 PSU MW
8	911401833097	WT188C LED20 CW L1200 PSU MW
9	911401833297	WT188C LED20 NW L1200 PSU MW
10	911401833397	WT188C LED20 CW L600 PSU MW
1	911401830597	WT188C LED10 NW L600 PSU TW
2	911401830997	WT188C LED40 NW L1200 PSU TW
3	911401831497	WT188C LED60 NW L1500 PSU TW
4	911401832697	WT188C LED20 NW L600 PSU TW
5	911401833497	WT188C LED20 NW L1200 PSU TW

No.	12NC	Product Description	Remark
1	911401833597	WT188C LED20 NW L1200 ACW EN	IR sensor
2	911401833697	WT188C LED40 NW L1200 ACW EN	IR sensor
3	911401833797	WT188C LED60 NW L1500 ACW EN	IR sensor
4	911401848097	WT188C LED60 NW L1500 ACW EN - HF	HF sensor
5	911401848197	WT188C LED20 NW L1200 ACW EN - HF	HF sensor
6	911401848297	WT188C LED40 NW L1200 ACW EN - HF	HF sensor