

SmartBright Waterproof G2



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.

Features & Benefits

- **Robust design:** IP65 IK06, Anti UV Polycarbonate housing, dual extrusion technology.
- **Excellent Performance:** good uniformity SDCM<5, high quality light CRI>80, more brighter with higher lumen output.
- **Reliable Quality:** 25K hours with 70% lumen maintained, wide range working temperature from -30⁰ C to +45⁰ C, can be applied in various industrial environments.
- **Easy Installation:** Stainless Universal Mounting Clip, Stainless Screws, Stainless Hooks, all in 1 package with luminaire.
- **Easy Wiring:** 3 wiring options for select, fulfill with customer wiring habits.



PHILIPS

SmartBrightWaterproofG2-WT066C

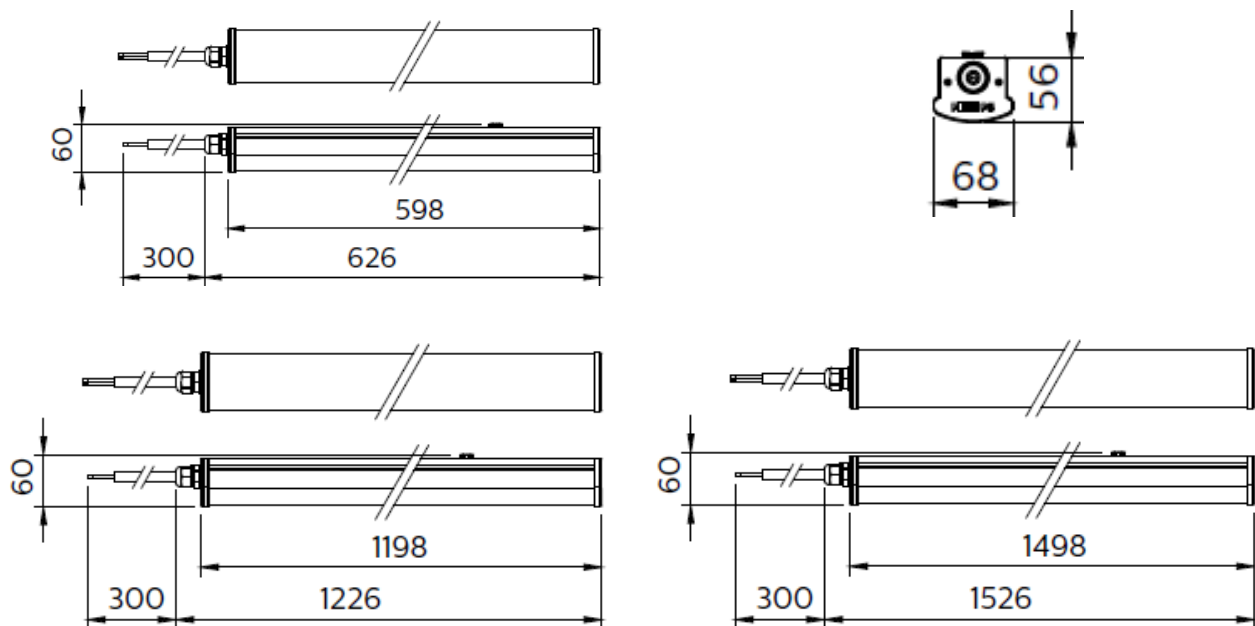
Specifications

Product		Smart Bright Waterproof G2 WT066C
1 to 1 Replacement Conventional		2x36W
Type Matrix	Luminaire Length	1200mm
	Lumen Output	3600lm
	Power	40W
	CCT	NW 4000K/CW 6500K
Optics	SDCM	<5
	CRI	>80
Electrical	Input Voltage	220~240/50~60hz
	Power factor	> 0.9
System Efficiency		> 90 lm/W
Operating temperature		- 30°C ~ +45°C
IP rating		IP65
IK rating		IK06
Lifetime		> 25K hrs (L70B50) @25°C
Luminaire Class		Class II
Connect interface		Through Wiring (Max. 6 pcs) – TW version Stand Alone: Terminal Block Push-in – TB version Stand Alone: Flying Wire 0.3M – FW version
Installation		Surface & Suspension
Certificate		CB/EMC/CE/SAA
Control		Fixed Only

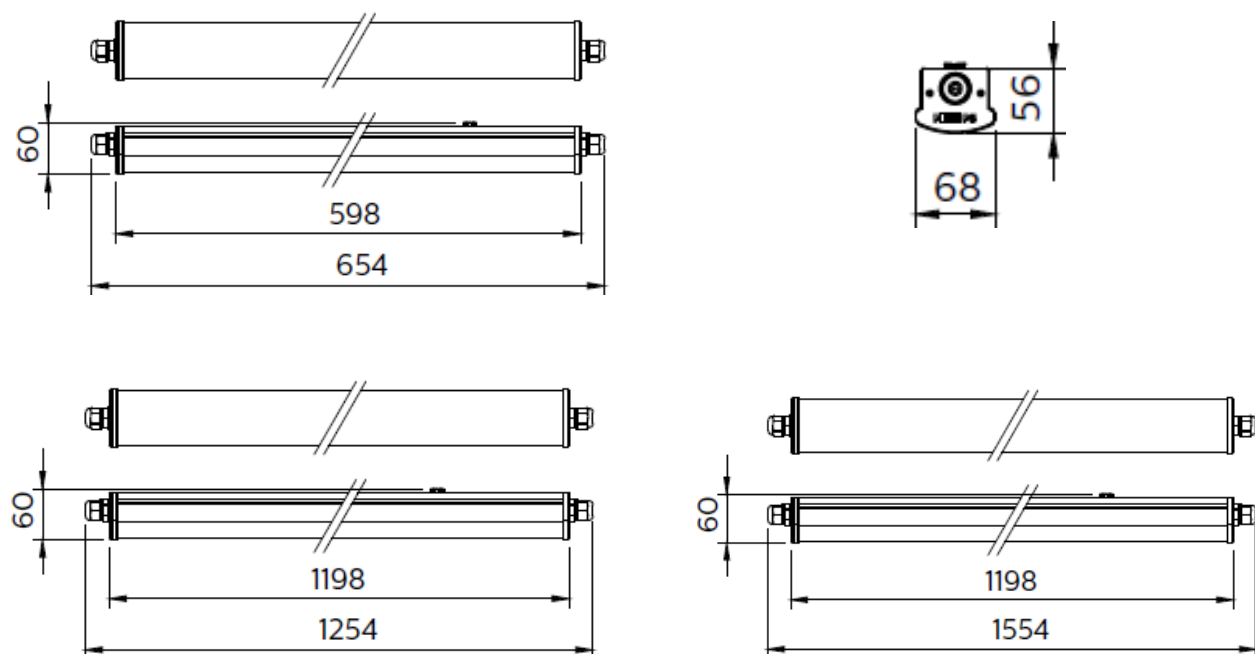
SmartBright Waterproof G2 – WT066C

Dimensional Drawing
(units: mm)

Flying wire version & Terminal Block Push-in Version



Through version:



SmartBright WaterproofG2 – WT066C

Product Details

Stainless steel brackets / screws, and luminaire all in one package



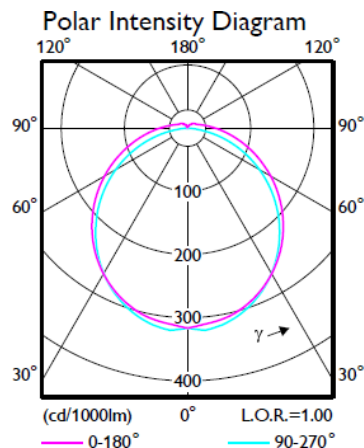
End cup openable for terminal block wiring (TB version and TW version)



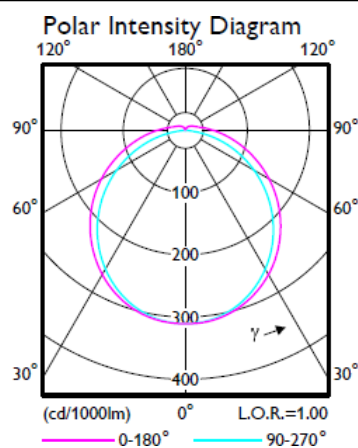
SmartBright Waterproof G2 – WT066C

Photometric

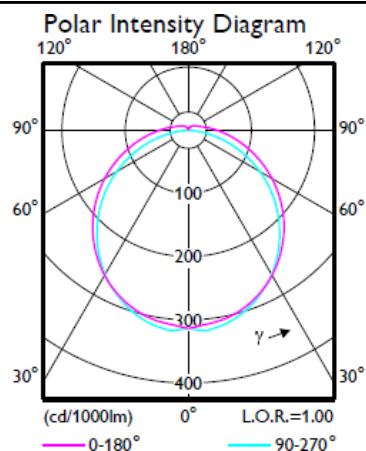
WT066C NW-4000 LED9 L600 1x LED
1x908lm
L.O.R.: 1.00



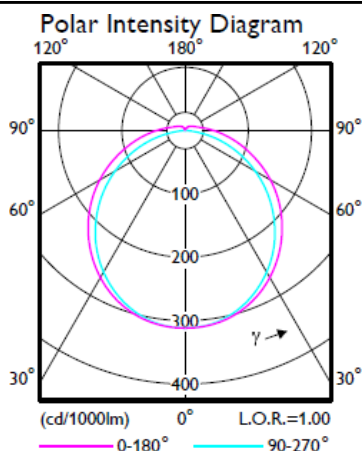
WT066C CW-6500 LED9 L600 1x LED
1x915lm
L.O.R.: 1.00



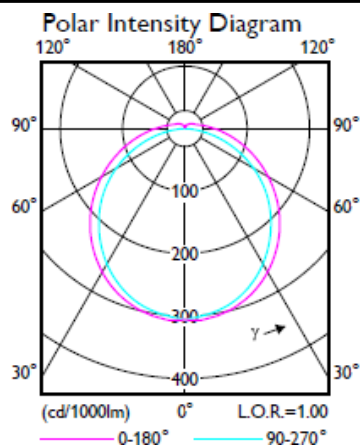
WT066C NW-4000 LED18 L600 1x LED
1 x 1806 lm
L.O.R.: 1.00



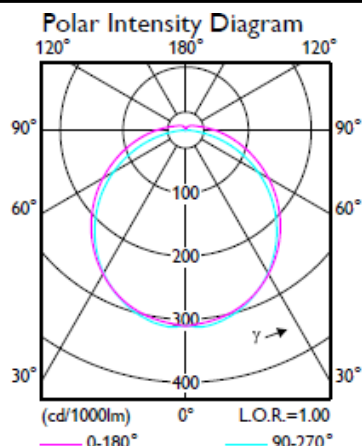
WT066C CW-6500 LED18 L600 1x LED
1 x 1805 lm
L.O.R.: 1.00



WT066C NW-4000 LED18 L1200 1x LED
1 x 1827 lm
L.O.R.: 1.00



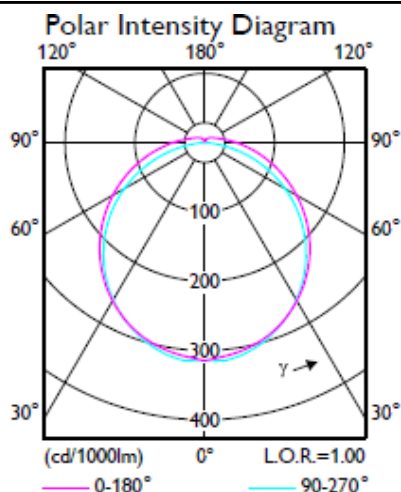
WT066C CW-6500 LED18 L1200 1x LED
1 x 1851 lm
L.O.R.: 1.00



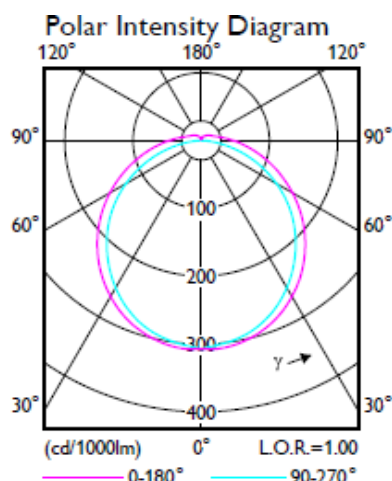
SmartBright Waterproof G2 – WT066C

Photometric

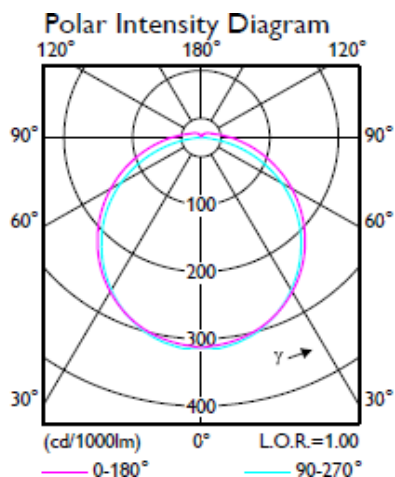
WT066C NW-4000 LED36 L1200 1x LED
1x3604lm
L.O.R.:1.00



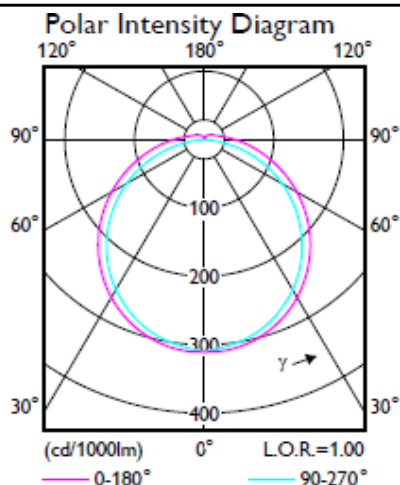
WT066C CW-6500 LED36 L1200 1x LED
1x3606lm
L.O.R.:1.00



WT066C CW-4000 LED45 L1500 1x LED
1 x 4504 lm
L.O.R.: 1.00



WT066C CW-6500 LED45 L1500 1x LED
1 x 4506 lm
L.O.R.: 1.00



SmartBright Waterproof G2 – WT066C

NO.	12NC	Product Description
1	911401822597	WT066C CW LED9 L600 PSU TB
2	911401822697	WT066C NW LED9 L600 PSU TB
3	911401822797	WT066C CW LED18 L600 PSU TB
4	911401822897	WT066C NW LED18 L600 PSU TB
5	911401822997	WT066C CW LED18 L1200 PSU TB
6	911401823097	WT066C NW LED18 L1200 PSU TB
7	911401823197	WT066C CW LED36 L1200 PSU TB
8	911401823297	WT066C NW LED36 L1200 PSU TB
9	911401823497	WT066C NW LED45 L1500 PSU TB
10	911401823397	WT066C CW LED45 L1500 PSU TB
1	911401823597	WT066C CW LED9 L600 PSU TW
2	911401823697	WT066C NW LED9 L600 PSU TW
3	911401823797	WT066C CW LED18 L600 PSU TW
4	911401823897	WT066C NW LED18 L600 PSU TW
5	911401823997	WT066C CW LED18 L1200 PSU TW
6	911401824097	WT066C NW LED18 L1200 PSU TW
7	911401824197	WT066C CW LED36 L1200 PSU TW
8	911401824297	WT066C NW LED36 L1200 PSU TW
9	911401824397	WT066C CW LED45 L1500 PSU TW
10	911401824497	WT066C NW LED45 L1500 PSU TW
1	911401824597	WT066C CW LED9 L600 PSU FW
2	911401824697	WT066C NW LED9 L600 PSU FW
3	911401824797	WT066C CW LED18 L600 PSU FW
4	911401824897	WT066C NW LED18 L600 PSU FW
5	911401824997	WT066C CW LED18 L1200 PSU FW
6	911401825097	WT066C NW LED18 L1200 PSU FW
7	911401825197	WT066C CW LED36 L1200 PSU FW
8	911401825297	WT066C NW LED36 L1200 PSU FW
9	911401825397	WT066C CW LED45 L1500 PSU FW
10	911401825497	WT066C NW LED45 L1500 PSU FW



Affordable and reliable energy saving LED Lighting Luminaires

Smartbright Waterproof G2

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Benefits

- Easy Wiring: 3 wiring options for select, fulfill with customer wiring habits.
- Excellent Performance: good uniformity SDCM<5, high quality light CRI>80, more brighter with higher lumen output.
- Reliable Quality: 25K hours with 70% lumen maintained, wide range working temperature from -30°C to +45°C, can be applied in various industrial environments

Features

- Robust design: IP65 IK06, Anti UV Polycarbonate housing, dual extrusion technology.
- Easy Installation: Stainless Universal Mounting Clip, Stainless Screws, Stainless Hooks, all in 1 package with luminaire.

Smartbright Waterproof G2

Application

- Industry general area
- Food and beverage
- workshop and assembly line
- Car park
- Canopy, walkways
- Semi outdoor

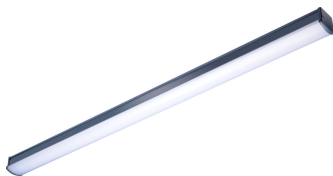
Versions



WT066C with wire and bracket



WT066C L600

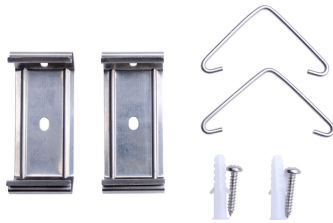


WT066C

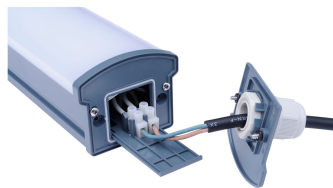
Product details



WT066C Breather Detail Photo



WT066C Mounting Bracket Detail Photo



WT066C Wiring Detail Photo

Smartbright Waterproof G2

Application Conditions	
Ambient temperature range	-30 to +45 °C
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK06
Ingress protection code	IP65
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220-240 V
General Information	
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical
Initial Performance (IEC Compliant)	
Initial chromaticity	SDCM<5
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Color	Gray and white
Over Time Performance (IEC Compliant)	
Median useful life L80B50	17500 h
Median useful life L90B50	8100 h

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401671203	WT066C CW LED36 L1200 PSU FW GC	Not applicable
911401671303	WT066C NW LED36 L1200 PSU FW GC	Not applicable
911401671403	WT066C CW LED18 L1200 PSU FW GC	Not applicable
911401671503	WT066C NW LED18 L1200 PSU FW GC	Not applicable
911401671603	WT066C CW LED18 L600 PSU FW GC	Not applicable
911401671703	WT066C NW LED18 L600 PSU FW GC	Not applicable
911401671803	WT066C CW LED9 L600 PSU FW GC	Not applicable
911401671903	WT066C NW LED9 L600 PSU FW GC	Not applicable
911401822997	WT066C CW LED18 L1200 PSU TB	Not applicable
911401823097	WT066C NW LED18 L1200 PSU TB	Not applicable
911401823197	WT066C CW LED36 L1200 PSU TB	Not applicable
911401823297	WT066C NW LED36 L1200 PSU TB	Not applicable
911401824597	WT066C CW LED9 L600 PSU FW	Not applicable
911401824697	WT066C NW LED9 L600 PSU FW	Not applicable
911401824797	WT066C CW LED18 L600 PSU FW	Not applicable
911401824897	WT066C NW LED18 L600 PSU FW	Not applicable
911401824997	WT066C CW LED18 L1200 PSU FW	Not applicable
911401825097	WT066C NW LED18 L1200 PSU FW	Not applicable
911401825197	WT066C CW LED36 L1200 PSU FW	Not applicable
911401825297	WT066C NW LED36 L1200 PSU FW	Not applicable
911401825397	WT066C CW LED45 L1500 PSU FW	Not applicable
911401825497	WT066C NW LED45 L1500 PSU FW	Not applicable
911401853897	WT066C NW LED36 L1200 PSU TB	-
911401822597	WT066C CW LED9 L600 PSU TB	Not applicable
911401822697	WT066C NW LED9 L600 PSU TB	Not applicable
911401822797	WT066C CW LED18 L600 PSU TB	Not applicable
911401822897	WT066C NW LED18 L600 PSU TB	Not applicable
911401853797	WT066C NW LED18 L600 PSU TB	-
911401823397	WT066C CW LED45 L1500 PSU TB	Not applicable
911401823497	WT066C NW LED45 L1500 PSU TB	Not applicable
911401823597	WT066C CW LED9 L600 PSU TW	Not applicable
911401823697	WT066C NW LED9 L600 PSU TW	Not applicable
911401823797	WT066C CW LED18 L600 PSU TW	Not applicable
911401823897	WT066C NW LED18 L600 PSU TW	Not applicable
911401823997	WT066C CW LED18 L1200 PSU TW	Not applicable
911401824097	WT066C NW LED18 L1200 PSU TW	Not applicable
911401824197	WT066C CW LED36 L1200 PSU TW	Not applicable
911401824297	WT066C NW LED36 L1200 PSU TW	Not applicable
911401824397	WT066C CW LED45 L1500 PSU TW	Not applicable
911401824497	WT066C NW LED45 L1500 PSU TW	Not applicable
911401853697	WT066C NW LED45 L1500 PSU TB	-

General Information

Smartbright Waterproof G2

Order Code	Full Product Name	Beam angle of light source	CE mark	Flammability mark	Glow-wire test
911401671203	WT066C CW LED36 L1200 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671303	WT066C NW LED36 L1200 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671403	WT066C CW LED18 L1200 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671503	WT066C NW LED18 L1200 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671603	WT066C CW LED18 L600 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671703	WT066C NW LED18 L600 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671803	WT066C CW LED9 L600 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401671903	WT066C NW LED9 L600 PSU FW GC	- °	-	-	Temperature 750 °C, duration 5 s
911401822997	WT066C CW LED18 L1200 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823097	WT066C NW LED18 L1200 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823197	WT066C CW LED36 L1200 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823297	WT066C NW LED36 L1200 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824597	WT066C CW LED9 L600 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824697	WT066C NW LED9 L600 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824797	WT066C CW LED18 L600 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824897	WT066C NW LED18 L600 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s

Order Code	Full Product Name	Beam angle of light source	CE mark	Flammability mark	Glow-wire test
911401824997	WT066C CW LED18 L1200 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401825097	WT066C NW LED18 L1200 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401825197	WT066C CW LED36 L1200 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401825297	WT066C NW LED36 L1200 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401825397	WT066C CW LED45 L1500 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401825497	WT066C NW LED45 L1500 PSU FW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401853897	WT066C NW LED36 L1200 PSU TB	-	CE mark	-	-
911401822597	WT066C CW LED9 L600 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401822697	WT066C NW LED9 L600 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401822797	WT066C CW LED18 L600 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401822897	WT066C NW LED18 L600 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401853797	WT066C NW LED18 L600 PSU TB	-	CE mark	-	-
911401823397	WT066C CW LED45 L1500 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823497	WT066C NW LED45 L1500 PSU TB	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823597	WT066C CW LED9 L600 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823697	WT066C NW LED9 L600 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s

Smartbright Waterproof G2

Order Code	Full Product Name	Beam angle of light source	CE mark	Flammability mark	Glow-wire test
911401823797	WT066C CW LED18 L600 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823897	WT066C NW LED18 L600 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401823997	WT066C CW LED18 L1200 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824097	WT066C NW LED18 L1200 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824197	WT066C CW LED36 L1200 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s

Order Code	Full Product Name	Beam angle of light source	CE mark	Flammability mark	Glow-wire test
911401824297	WT066C NW LED36 L1200 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824397	WT066C CW LED45 L1500 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401824497	WT066C NW LED45 L1500 PSU TW	- °	CE mark	-	Temperature 750 °C, duration 5 s
911401853697	WT066C NW LED45 L1500 PSU TB	-	CE mark	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401671203	WT066C CW LED36 L1200 PSU FW GC	4000 K	90 lm/W	3600 lm	0.25 W
911401671303	WT066C NW LED36 L1200 PSU FW GC	4000 K	90 lm/W	3600 lm	40 W
911401671403	WT066C CW LED18 L1200 PSU FW GC	6500 K	90 lm/W	1800 lm	19.4 W
911401671503	WT066C NW LED18 L1200 PSU FW GC	4000 K	90 lm/W	1800 lm	19.4 W
911401671603	WT066C CW LED18 L600 PSU FW GC	6500 K	90 lm/W	1800 lm	19.4 W
911401671703	WT066C NW LED18 L600 PSU FW GC	4000 K	90 lm/W	1800 lm	19.4 W
911401671803	WT066C CW LED9 L600 PSU FW GC	6500 K	95 lm/W	900 lm	9.4 W
911401671903	WT066C NW LED9 L600 PSU FW GC	4000 K	95 lm/W	900 lm	9.4 W
911401822997	WT066C CW LED18 L1200 PSU TB	6500 K	90 lm/W	1800 lm	19.4 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401823097	WT066C NW LED18 L1200 PSU TB	4000 K	90 lm/W	1800 lm	19.4 W
911401823197	WT066C CW LED36 L1200 PSU TB	6500 K	90 lm/W	3600 lm	40 W
911401823297	WT066C NW LED36 L1200 PSU TB	4000 K	90 lm/W	3600 lm	40 W
911401824597	WT066C CW LED9 L600 PSU FW	6500 K	90 lm/W	900 lm	9.4 W
911401824697	WT066C NW LED9 L600 PSU FW	4000 K	90 lm/W	900 lm	9.4 W
911401824797	WT066C CW LED18 L600 PSU FW	6500 K	90 lm/W	1800 lm	19.4 W
911401824897	WT066C NW LED18 L600 PSU FW	4000 K	90 lm/W	1800 lm	19.4 W
911401824997	WT066C CW LED18 L1200 PSU FW	6500 K	90 lm/W	1800 lm	19.4 W
911401825097	WT066C NW LED18 L1200 PSU FW	4000 K	90 lm/W	1800 lm	19.4 W

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Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401825197	WT066C CW LED36 L1200 PSU FW	6500 K	90 lm/W	3600 lm	40 W
911401825297	WT066C NW LED36 L1200 PSU FW	4000 K	90 lm/W	3600 lm	40 W
911401825397	WT066C CW LED45 L1500 PSU FW	6500 K	90 lm/W	4500 lm	49 W
911401825497	WT066C NW LED45 L1500 PSU FW	4000 K	90 lm/W	4500 lm	49 W
911401853897	WT066C NW LED36 L1200 PSU TB	4000 K	90 lm/W	1800 lm	19.4 W
911401822597	WT066C CW LED9 L600 PSU TB	6500 K	95 lm/W	900 lm	9.4 W
911401822697	WT066C NW LED9 L600 PSU TB	4000 K	95 lm/W	900 lm	9.4 W
911401822797	WT066C CW LED18 L600 PSU TB	6500 K	90 lm/W	1800 lm	19.4 W
911401822897	WT066C NW LED18 L600 PSU TB	4000 K	90 lm/W	1800 lm	19.4 W
911401853797	WT066C NW LED18 L600 PSU TB	4000 K	90 lm/W	3600 lm	40 W
911401823397	WT066C CW LED45 L1500 PSU TB	6500 K	90 lm/W	4500 lm	49 W
911401823497	WT066C NW LED45 L1500 PSU TB	4000 K	90 lm/W	4500 lm	49 W

Order Code	Full Product Name	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401823597	WT066C CW LED9 L600 PSU TW	6500 K	90 lm/W	900 lm	9.4 W
911401823697	WT066C NW LED9 L600 PSU TW	4000 K	90 lm/W	900 lm	9.4 W
911401823797	WT066C CW LED18 L600 PSU TW	6500 K	90 lm/W	1800 lm	19.4 W
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911401824097	WT066C NW LED18 L1200 PSU TW	4000 K	90 lm/W	1800 lm	19.4 W
911401824197	WT066C CW LED36 L1200 PSU TW	6500 K	90 lm/W	3600 lm	40 W
911401824297	WT066C NW LED36 L1200 PSU TW	4000 K	90 lm/W	3600 lm	40 W
911401824397	WT066C CW LED45 L1500 PSU TW	6500 K	90 lm/W	4500 lm	49 W
911401824497	WT066C NW LED45 L1500 PSU TW	4000 K	90 lm/W	4500 lm	49 W
911401853697	WT066C NW LED45 L1500 PSU TB	4000 K	90 lm/W	4500 lm	49 W

