Affordable and reliable energy saving LED Lighting Luminaires

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, car parks, car washers.Beyond that, SmartBright Waterproof G2 is also maintenance free by seal for life integral design, and reliable 25K hrs lifetime.

Benefits
- Easy Wiring: 3 wiring options for select, fulfil 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℃ to +45℃, 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.
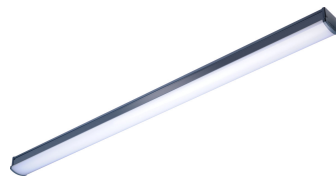
Smartbright Waterproof G2

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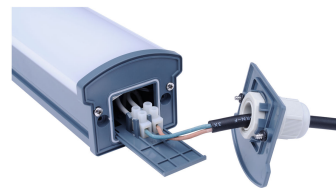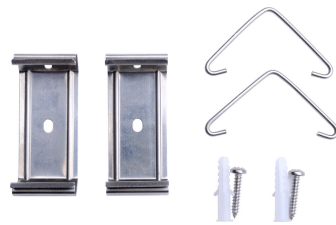· Car park
· Canopy, walkways
· Semi outdoor

Versions

WT066C L600   **WT066C**

Product details

Smartbright Waterproof G2

Application Conditions

Ambient temperature range	−30 to +45 °C
Maximum dim level	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 to 240 V

General Information

Beam angle of light source	– °
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	PCO
Driver included	Yes
ENEC mark	–
Flammability mark	NO
Glow-wire test	750/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	Symmetrical

Initial Performance (IEC Compliant)

Initial chromaticy	SDCM<5
Init. Colour Rendering Index	>80
Luminous flux tolerance	+/−10%

Mechanical and Housing

Colour	Grey and White

Over Time Performance (IEC Compliant)

Median useful life L80B50	17500 h
Median useful life L90B50	8100 h

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
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
911401822997	WT066C CW LED18 L1200 PSU TB	6500 K	90 lm/W	1800 lm	19.4 W
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
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
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
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
911401823897	WT066C NW LED18 L600 PSU TW	4000 K	90 lm/W	1800 lm	19.4 W
911401823997	WT066C CW LED18 L1200 PSU TW	6500 K	90 lm/W	1800 lm	19.4 W

Smartbright Waterproof G2

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
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

PHILIPS