



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, parking garages, 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, 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

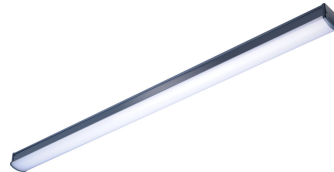
Versions



WT066C with wire and bracket



WT066C L600

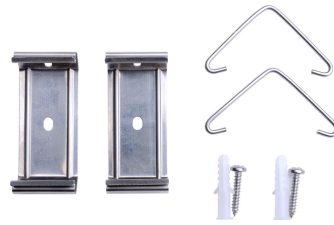


WT066C

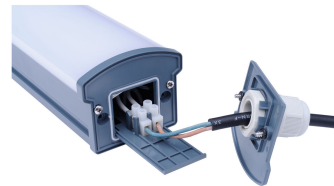
Product details



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 to 240 V |
|---------------|--------------|

General Information

| | |
|--------------------------|----------------------------------|
| Protection class IEC | Safety class II |
| Optical cover/lens type | Polycarbonate bowl/cover opal |
| 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 | | | Glow-wire test |
|--------------|---------------------------------------|---------------|---------|-------------------|----------------------------------|
| | | light source | CE mark | Flammability mark | |
| 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 | | | Glow-wire test |
|--------------|------------------------------------|---------------|---------|-------------------|----------------------------------|
| | | light source | CE mark | Flammability mark | |
| 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 |

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| Order Code | Full Product Name | Beam angle of light | CE mark | Flammability mark | Glow-wire test |
|--------------|------------------------------------|---------------------|---------|-------------------|----------------------------------|
| | | source | mark | mark | |
| 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 | CE mark | Flammability mark | Glow-wire test |
|--------------|------------------------------------|---------------------|---------|-------------------|----------------------------------|
| | | source | mark | mark | |
| 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 |
|--------------|---------------------------------------|-------------------------------|--------------------------------|-----------------------|---------------------|
| | | Temperature | efficacy | flux | 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 |
|--------------|------------------------------------|-------------------------------|--------------------------------|-----------------------|---------------------|
| | | Temperature | efficacy | flux | 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 |
| 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 |
| 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 |

