

20W LED Waterproof Batten with Radar Sensor | COREPLUS EVO 60CM | Philips Xitanium Driver | 3CCT | IP66



Product code:

Reference: KIT91455

Technical specifications:

REFERENCE: KIT91455

Rated Power : Power Select: 12W / 15W / 18W / 20W

Colour: 3CCT SELECT 3000K-4000K-6500K

CRI - Chromatic Rendiment Index: 80

Construction Material: ABS + Makrolon® 2807

Luminosity-Lm: 2800Lm

Number & Type of LEDs: SMD 2835

Beam Angle (°): 120°

Luminous diodo LED (Lm/W): 165Lm/W

Luminous Efficiency (Lm/W): 140 Lm/W

Certifications: CE - RoHS - EMC - UL

IP : IP66

Diode Life Expectancy (H): 35.000

Dimensions (mm): L: 550 W:81 H:71 mm

Power Factor (PF): 0.95

Frequency (Hz): 50/60Hz

Temperature Range (°C): -20°C ~ +55°C

On/Off Cycles: 100.000

Starting Time (s): 0,2s

Other Information: Customizable with Plug & Play emergency kit and Radar motion sensor.

Other Information: Emergency Kit CYANTRONIC 3W - 3h Autonomy

Impact Protection (IK) : IK10

Driver included: Philips Xitanium Non Isolated 3CCT SWITCH

Energy Rating (2023 - UE-2019/2015): E

Warranty Years: 5

Product short description:

The **COREPLUS EVO 60 cm LED waterproof fixture** features a **Plug & Play radar motion sensor**, delivering highly accurate detection. With **selectable wattage (12W / 15W / 18W / 20W)** and **3CCT color temperature (3000K / 4000K / 6000K)**, it offers maximum adaptability. Equipped with a **Philips Xitanium driver** and **140 lm/W SMD2835 LEDs**, it ensures high efficiency, **power factor > 0.9**, and **IP66 & IK10 protection**. Its **semi-frosted cover** and **dual-end connection** allow easy series installation for seamless, uniform lighting.

At the following link, video tutorial of the assembly of the **waterproof fixture** with **emergency kit + motion sensor**: <https://www.youtube.com/watch?v=Xf5t-tWE0KQ>

Product description:

20W Waterproof LED Batten with Radar Motion Sensor | COREPLUS EVO 60CM | Philips Xitanium Driver | 3CCT | IP66

The new generation of **COREPLUS EVO waterproof LED batten**s offers the perfect combination of **energy efficiency**, **reliability**, and **professional versatility**. Designed for demanding environments, it provides **powerful, uniform, and safe illumination**, even during power failures.

Total versatility

The **COREPLUS EVO** range adapts to every installation requirement:

- **Waterproof batten with radar motion sensor**

Choose the version that best suits your project and enjoy professional, safe, and efficient lighting backed by **Philips Xitanium quality** and the advanced design of **COREPLUS EVO**.

Radar motion sensor

The batten includes a **next-generation radar motion sensor**, capable of detecting people or moving objects. This smart system allows **automatic activation**, improving comfort and **reducing energy consumption**, since the light turns on only when necessary.

Ideal for **corridors, parking areas, storage rooms, and outdoor access zones**.

Sensor specifications:

- **Detection radius:** ≥ 3 m (ceiling) / ≥ 8 m (wall)

Technical Datasheet

- **Detection speed:** 1 m/s
- **Sensitivity:** 100 %
- **Installation height:** 2.5-5 m (ceiling) / 2-3 m (wall)

Thanks to its advanced technology, it allows **power selection (12W-15W-18W-20W)** and **3CCT color adjustment (3000K / 4000K / 6000K)**. The **Philips Xitanium driver** and **SMD2835 LEDs (140 lm/W)** ensure stable performance, **high efficiency (FP > 0.9)** and long lifespan.

With **IP66 and IK10 protection**, it resists dust, moisture, impact, and extreme environments. Its **semi-transparent diffuser** provides uniform, glare-free lighting. The **dual-end connection system** makes series installation fast and secure.

The **COREPLUS EVO** range also supports additional features such as the **Plug & Play radar sensor**, ideal for maximizing energy savings.

Applications

Ideal for:

- **Industrial buildings and warehouses**
- **Garages, parking lots, and basements**
- Cold rooms
- Industrial kitchens
- Workshops
- **Outdoor corridors and transit areas**

The **COREPLUS EVO** is the ultimate solution for those seeking **efficient, safe, long-lasting lighting**, backed by **Philips Xitanium** quality.

FactorLED guarantees **QUALITY** products with technical sheets for **wholesale, distribution, and import**.

Additional images:

