

SPARTA

I-ROAD & BOLLARD



Objective

The LED bollard light is an outdoor lighting fixture that is designed to be mounted on the ground or pavement. It is a direct light luminaire that uses LED lamps, which are energy-efficient and long-lasting. The LED bollard light has a 180° asymmetric optic, which means that the light is directed in a specific direction. This type of optic is ideal for illuminating pathways, walkways, and other outdoor areas where directional lighting is required. The LED bollard light is comprised of two separate components: an optical assembly and a cylindrical post. The optical assembly includes the LED lamps and the 180° asymmetric optic, while the cylindrical post is used to mount the fixture in the desired location. It is important to note that the cylindrical post is not included with the optical assembly and must be ordered separately. This allows for greater flexibility in terms of the installation location and design. Overall, the LED bollard light is a versatile and energy-efficient outdoor lighting solution that provides directional lighting for a range of outdoor spaces.

Obiettivo

Il paletto luminoso a LED è un apparecchio di illuminazione per esterni progettato per essere montato a terra o sul marciapiede. È un apparecchio a luce diretta che utilizza lampade a LED, a basso consumo energetico e di lunga durata. Il paletto luminoso a LED ha un'ottica asimmetrica a 180°, il che significa che la luce è direzionata in una direzione specifica. Questo tipo di ottica è ideale per illuminare vialetti, passerelle e altre aree esterne dove è richiesta un'illuminazione direzionale. Il paletto luminoso a LED è composto da due componenti distinti: un vano ottico e un palo cilindrico. Il vano ottico comprende le lampade a LED e l'ottica asimmetrica a 180°, mentre il palo cilindrico serve per fissare l'apparecchio nella posizione desiderata. È importante notare che il palo cilindrico non è compreso nel vano ottico e deve essere ordinato separatamente. Ciò consente una maggiore flessibilità in termini di posizione di installazione e design. Nel complesso, il paletto luminoso a LED è una soluzione di illuminazione per esterni versatile ed efficiente dal punto di vista energetico che fornisce illuminazione direzionale per una vasta gamma di spazi esterni.

Description

Housing - Head made of die cast aluminium with pole extruded aluminum powder coated with choice of RAL colors.

Diffuser - PMMA optical flux enhancer anti UV diffuser.

LED - reducing energy consumption with L80/B10/F10 100,000 hrs lifetime.

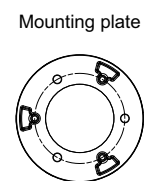
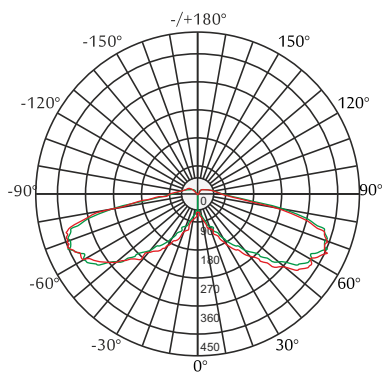
Standards - manufactured in accordance with tested as per PTPS IEC 62722

Accessories - Anchor bolt, half vision

CODE	WATTAGE	LUMEN	SIZE mm
1344012	12W	1440lm	Ø140 X 600 ~ 1000H
1344018	18W	2160lm	Ø140 X 600 ~ 1000H



PHASE DIMMING		DALI		LED		EcoPlus ENERGY STAR	
IP 66		IK 10		UGR <22		SDCM 2.0/3.0	
PASEL ACCREDITATION		SMD		CRI >90		COMPLIANCE LM-79 TM-21 (lm-80)	
SELV		series wiring		CE		U	
A++		220-265V 50/60Hz		EAC		COMPLIANCE	



180° 360° 3000K 4000K 6000K **ik**

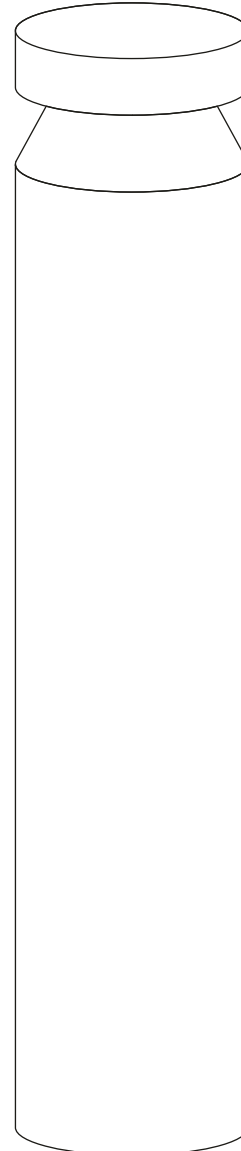
LED Drivers - PHILIPS GTI MEAN WELL TPCI TRIDONIC LED Chips - BRIDGELUX CREE SHARP SAMSUNG PHILIPS CITIZEN

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.romaluce.it are the most recent versions and supercede all other printed or electronic versions.

MANUAL INSTRUCTIONS

Installing a bollard light is a relatively simple process, but it is important to follow the manufacturer's instructions carefully to ensure the safety and proper functioning of the product. Here are some additional tips for installing a bollard light:

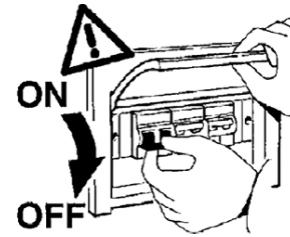
1. Make sure you have the necessary tools and equipment for the installation, including wire strippers, a drill, and a screwdriver.
2. Turn off the power to the circuit where you will be installing the bollard light. This is an important safety measure that will prevent you from being electrocuted while working on the light.
3. Follow the manufacturer's instructions for installing the bollard light. This may involve digging a hole and burying the base of the light, attaching wires to the light, and securing the light to the ground with screws or bolts.
4. If the bollard light is powered by electricity, make sure the wiring is properly installed and the light is connected to a power source. If you are not familiar with electrical work or are unsure about any aspect of the installation process, it is important to seek the assistance of a qualified electrician.
5. Once the bollard light is installed, turn the power back on and test the light to make sure it is functioning properly. If the light does not turn on, check the wiring and connections to make sure they are secure and correct.
6. If the bollard light is solar-powered, make sure it is placed in an area where it will receive plenty of sunlight during the day. This will ensure that the light's battery is charged and that the light will turn on at night.
7. Regularly clean and maintain the bollard light according to the manufacturer's instructions to ensure it continues to function properly. This may involve cleaning the lens, replacing bulbs, and checking for loose connections or damaged parts.
8. If you experience any problems with the bollard light or have any questions about its operation, contact the manufacturer or a qualified electrician for assistance.

**INSTRUCTIONS for SAFETY PROCEDURES**

It is important to follow the manufacturer's instructions when installing a bollard light to ensure the safety and proper functioning of the product. One important aspect of installation is making sure that the base of the bollard light is not concealed or placed in an area that is susceptible to dampness.

Concealing the base of the bollard light could make it difficult to access the light for maintenance or repairs, and it could also make it more difficult to identify any problems with the light. Placing the bollard light in an area that is prone to dampness could lead to moisture getting into the light, which could cause damage to the electrical components and potentially create a safety hazard.

To avoid these issues, make sure to follow the manufacturer's instructions for installing the bollard light, including any recommendations for placement and clearance around the base of the light. This will help ensure the long-term performance and safety of the light.



SAFETY INSTRUCTIONS

Here are some safety procedures to follow when installing a bollard light:

1. Turn off the power to the circuit where you will be installing the bollard light. This is an important safety measure that will prevent you from being electrocuted while working on the light.
2. Follow the manufacturer's instructions for installing the bollard light. Make sure to read and understand the instructions before attempting to install the light, and follow all warning labels and caution statements.
3. Wear appropriate protective gear, such as gloves and safety glasses, to protect yourself from electrical shocks and debris.
4. If you are not familiar with electrical work or are unsure about any aspect of the installation process, seek the assistance of a qualified electrician.
5. Make sure the bollard light is securely fastened to the ground to prevent it from being knocked over or damaged.
6. Do not operate the bollard light until it has been properly installed and tested to ensure it is functioning safely.
7. Regularly check the bollard light for any signs of damage or wear, and perform any necessary maintenance or repairs to ensure it continues to operate safely.

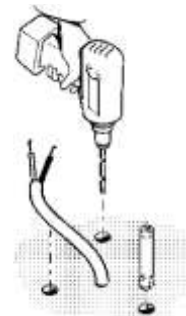
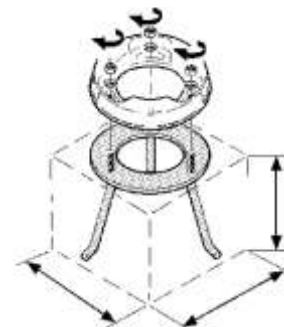
By following these safety procedures, you can help ensure the safe and proper installation and operation of your bollard light.

SAFETY INSTRUCTIONS

The plinth is the base or foundation upon which the bollard light is installed. The dimensions of the plinth are important because they determine the stability and support of the bollard light. If the plinth is too small, it may not provide sufficient support for the bollard light, which could result in the light becoming unstable or falling over.

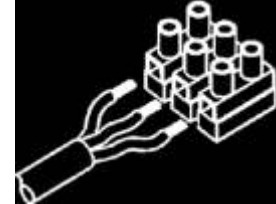
It is important to follow the manufacturer's instructions for the bollard light when determining the dimensions of the plinth. The dimensions provided by the manufacturer are typically based on the weight and size of the bollard light, as well as the surface upon which it will be installed. In this case, the dimensions of the plinth were calculated based on a surface with an allowable pressure of 1.0 bar, which is equivalent to 1.0 kg/cm². This means that the surface can support a weight of 1.0 kg per square centimeter without becoming damaged or unstable.

If you are installing the bollard light on a surface with a different allowable pressure, you may need to adjust the dimensions of the plinth accordingly. It is always a good idea to consult with a qualified engineer or contractor to ensure that the plinth and bollard light are properly sized and installed for the surface on which they will be placed.



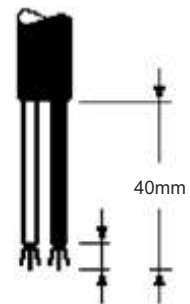
IMPORTANT TO USE CABLES

It is important to use cables with double insulation when installing electrical wiring for a bollard light or any other electrical device. Double-insulated cables have two layers of insulation, which provides an extra layer of protection against electrical shock. This is especially important in outdoor installations, where the cables may be exposed to moisture or other environmental factors that could damage the insulation.



Using double-insulated cables can also help to prevent electrical fires, as the extra insulation provides an extra barrier against shorts and sparks. In addition, double-insulated cables are typically easier to work with, as they do not require a separate grounding conductor.

When selecting cables for your bollard light installation, be sure to choose cables that are rated for the voltage and current required by the light. It is also a good idea to choose cables that are specifically designed for outdoor use, as these will be more resistant to weathering and other environmental factors.



By following these guidelines and using double-insulated cables, you can help ensure the safety and proper functioning of your bollard light installation.