## URBAN BOLLARD

**MORE THAN A BOLLARD FAMILY FOR CARAVAN PARKS AND MARINAS...**
At HEPER, we are passionate about the value added by lighting to human lives and social dynamics. This is what inspires us to bring lighting and technology together. Knowing that technology is closely connected to life and needs, expectations are getting bigger and bigger even for specific spaces such as caravan parks or marina port areas.

Life at a caravan, camp or sea is like a reflection of our longing for nature. While spending time outdoors, it is essential that we have the means to provide our daily comfort and to fulfill the needs such as security, electricity and light. That is exactly where URBAN BOLLARD comes into play with endless infrastructural opportunities combined with exquisite illumination. It is all about making things possible. Needing different lighting variations and control systems whilst charging your phone or your computer? Then, URBAN BOLLARD can make your dreams come true by easily harmonizing with your daily life.

URBAN BOLLARD is more than a bollard for your desired private spaces like caravan, camping areas and marina ports. It is immediately beside you acquiring a glare-free lighting experience with completely hidden light source and distinctive benefits like an electrical connection and USB connection.

**TOP MODULE V3**
Dyno (DYN) is a unique reflector-based optical technology that provides exceptionally controlled and efficient light output. The light distribution aligned at either 180* to one side for paths and specific uses, or 360* for open areas. Different layers or reflectors can be used together to create lighting solutions with different distributions and power to add further flexibility. Furthermore, Dark-Sky friendly reflectors prevent the emission of uplight and offer soft and good visual comfort.

**READY TO USE IN MARINE APPLICATION**
Material characteristics play a vital role especially in marine applications. Corrosion-resistant, extruded, high-grade aluminum housing with marine grade helps URBAN BOLLARD to last long enough in harsh working environments. Coming up with several processes such as chromate conversion pretreatment followed by electrostatic powder coating also protects the product from corrosion and salt. UV-stable, bio-based polycarbonate diffusor makes its appearance and the safety of the material clean and clear.

**THE ELECTRICAL CONNECTION MAKES IT BETTER**
URBAN BOLLARD may seem just like an elegant bollard at first glance, but you would wonder when you open its cover under the top module to see how multifunctional a bollard can ever be. There is a socket and even a USB plug that simply allows you to charge your devices. Its fully customizable body makes it available to use add-ons such as motion sensors and so on.

# URBAN BOLLARD

Multi-functional,
Durable and Elegant
Bollard Family

heper

Endless infrastructural opportunities is combined with exquisite illumination. URBAN BOLLARD is more than a bollard family for caravan parks and marinas and it will easily harmonize itself to your daily life.

- Equipped with HEPER's Dyno (DYN) module
- Hidden light source prevents direct eye contact and minimizes glare
- Dark-Sky friendly reflector based optics prevent uplight
- Extended flexibility with rotatable top module
- Extended functionality with components like ready-to-use GFCI outlet
- Easy installation and maintenance

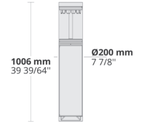
CE IK08 IP65

## Dyno (DYN)

Dyno (DYN) is a distinctively unique reflector-based optical technology that can be used in various applications such as wall-washing or pathway illumination.

- Shell type reflectors excel at controlling the light in linear form
- Precisely engineered micro-facets optimize the light output, resulting in a uniform light distribution without streaks and striations
- The alignment of the light sources blocks direct eye contact and prevents glare

LB6060.547 / LB6060.548

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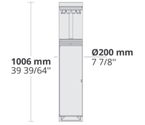


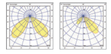

| Product code | Product name | Light distribution | Delivered lumens flux | Rated input power | Colour temperature | Control | Weight |
|---|---|---|---|---|---|---|---|
| LB6060.547-EN | URBAN BOLLARD Sym | [SYM] 114° | 2096 - 2457 lm | 30 W | 2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80 | On/Off | 11.8 kg |
| LB6061.547-EN | URBAN BOLLARD Ch Sym | [SYM] 114° | 2096 - 2457 lm | 30 W | 2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80 | On/Off | 11.8 kg |
| LB6060.548-EN | URBAN BOLLARD Asym | [ASYM] 102×45° | 1048 - 1235 lm | 15 W | 2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80 | On/Off | 11.8 kg |
| LB6061.548-EN | URBAN BOLLARD Ch Asym | [ASYM] 102×45° | 1048 - 1235 lm | 15 W | 2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80 | On/Off | 11.8 kg |

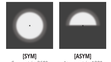
Extras

Finishing options

MG

**[MG]**
Marine grade coating





**[SYM]**
Symmetric, 360°

**[ASYM]**
Asymmetric, 180°

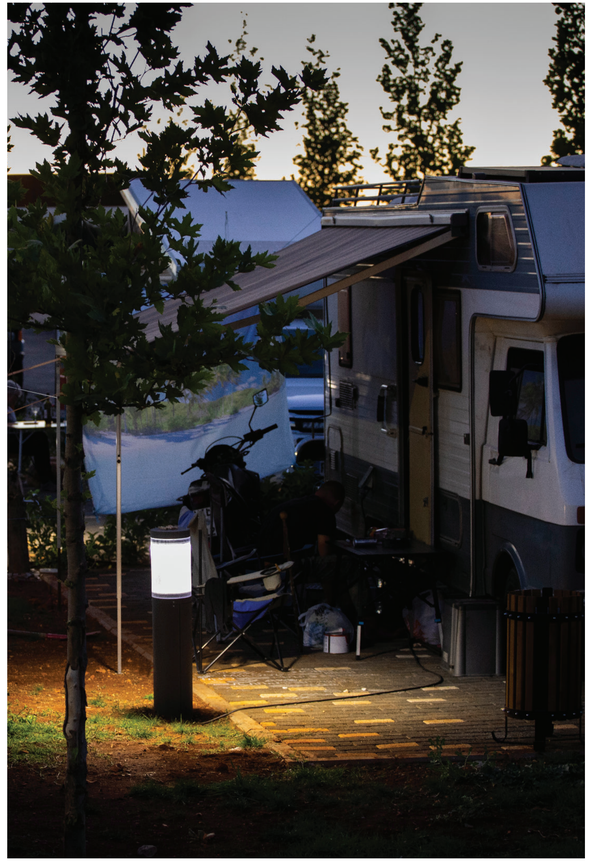
**[HM1]**
Black (Textured)

**[HM2]**
Dark grey (Textured)

**[HM3]**
Anthracite grey (Textured)

**[HM4]**
Light grey (Textured)

**[HM5]**
White (Textured)

**[HM6]**
Bronze (Textured)

**[CC]**
Custom colour (Please specify RAL code)