# PRODUCT SPECIFICATION

## 93003

## BOSCO WIRED BOLLARD

The BOSCO is a garden or footpath luminaire. Due to its robust design, it is ideal for public spaces and, for example, camping sites. The fixture is completely constructed from solid chestnut wood. The diameter can vary between 180 and 200 mm. Due to the contemporary and natural appearance, the luminaire is barely visible during the day, but BOSCO comes to life in the dark. With just enough light to functionally illuminate a path or access road.

### PROJECT EXAMPLES

Coatal Path

### RELATED PRODUCTS

93001 EYE - Wired bollard

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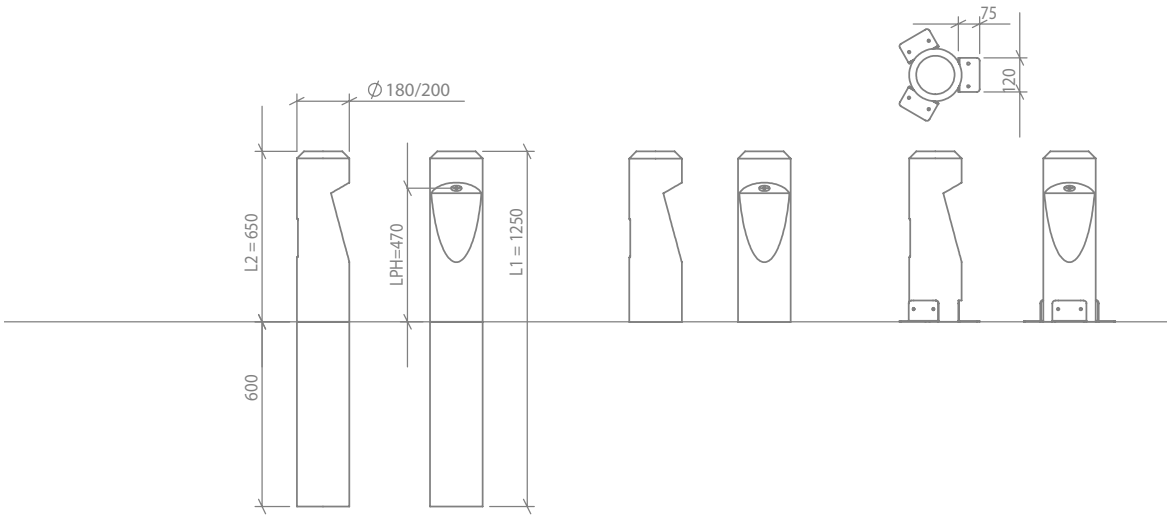
- **Wood type:** Chestnut
- **Thickness:** 180/200 mm
- **IP class:** IP54
- **Power per LED module:** 2.4 Watt
- **Lumen output per LED module:** 2.200K = 109 lm
  2.700K = 121 lm
  4.000K = 153 lm
  amber = 47 lm
- **Beam angle:** The LED module has a beam angle of 155x65 degrees.
- **Lifespan:** Every type of wood has its own durability rating. More information about this can be found under "Types of wood" & "Sustainability". The LED module has an expected lifespan of 100,000 hours.
- **Lighting data:** Lighting data available on request.

## OPTIONS

- **Voltage:** 230 VAC or 12-24 V AC/DC
- **Quality mark:** PEFC
- **Accessories:** The BOSCO is available with or without floor brackets. See chapter 'post holders' for all technical data of the different post holders.
- **Light colour:** Available in 2.200, 2.700, 4.000K and amber (593 nm).
- **Connection:** Possible with cable or without cable (1 mtr 3x 1.5 mm2). A 32mm hole in the fixture as standard for easy passage of your ground cable.
- **Variations:** At Timberlab, every fixture is carefully produced for you. In addition to the standard options, we are happy to create variations for your specific application. Think of a water point, slightly to the back, in combination with a fence, with wall socket or a different height angle.




L = Length

| | Weight | CO2 storage | Weight | CO2 storage | Weight | CO2 storage |
|---|---|---|---|---|---|---|
| Chestnut | 20 kg | 32 kg | 10 kg | 16 kg | 12 kg | 16 kg |

Only products indicated with the FSC® claim are FSC certified and come with our FSC-certificate number NC-COC-029615-KE. Only products indicated with the PEFC™ claim are 100% PEFC certified and come with our PEFC-certificate number NC-PEFC/COC-029615-FJ.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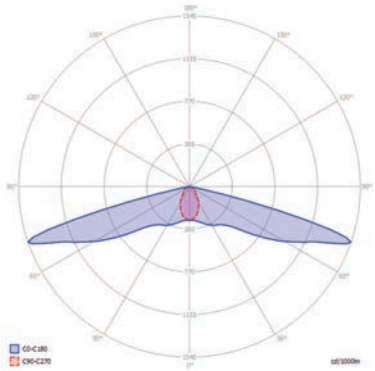
## LEDMODULES



| | TBL path light module 2.200K | TBL path light module 2.700K | TBL path light module 4.000K | TBL path light module AMBER 593 nm |
|---|---|---|---|---|
| Voltage (optional) | 230 VAC<br>12-24V AC/DC | 230 VAC<br>12-24V AC/DC | 230 VAC<br>12-24V AC/DC | 230 VAC<br>12-24V AC/DC |
| Power | 2.4W* | 2.4 W* | 2.4W* | 2.1W* |
| Power factor | 0.36W* | 0.36* | 0.36* | 0.34* |
| Lumen output | 109 lm* | 121 lm* | 153 lm* | 47 lm* |
| Efficiency | 45 lm/W* | 50 lm/W* | 63 lm/W* | 23 lm/W* |
| Light temp. | 2200K<br>2335K* | Warm White<br>2700K<br>2654K* | Cool White<br>4000K<br>3801K* | AMBER<br>x=0.5977<br>y=0.3996.* |
| CRI | 84* | 84* | 72* | n.v.t. |
| Dimmable | on request | on request | on request | on request |
| Label | A+ | A+ | A+ | B |
| IP grade | IP 54 | IP 54 | IP 54 | IP 54 |
| Beam angle | 156x64 | 156x64* | 154x65* | 151x58* |
| Number of LEDs | 1 | 1 | 1 | 1 |
| Temperature range in operation | -20...+50°C | -20...+50°C | -20...+50°C | -20...+50°C |
| Lifespan | 100.000 h | 100.000 h | 100.000 h | 100.000 h |

* Measured values