

EYE-solar

Datasheet



Just like other solar luminaires, the EYE solar is a stand-alone luminaire. Thanks to the built-in battery pack, the EYE solar can be used anywhere. The fixture is equipped with a PV panel in combination with a state of the art built-in control electronics and energy storage. The Timberlab solar luminaires are all about sustainability.

timberlab
natural outdoor solutions



SPECIFICATIONS

- **IP grade:** IP54
- **Power per LED module:** 1 Watt max.
- **Lumen output per LED module:** Lumen output varies depending on season and weather.
- **Beam angle:** 155x65*
- **Lifespan:** Every type of wood has its own durability class. More information can be found at "Wood species" & "Sustainability". The LED module has an expected lifespan of 108.000 hours.
- **Photometric data:** Available on request.

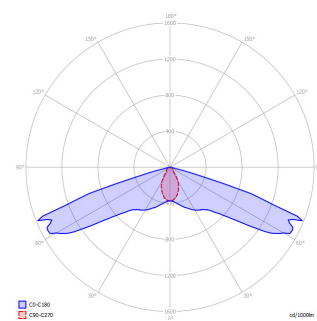
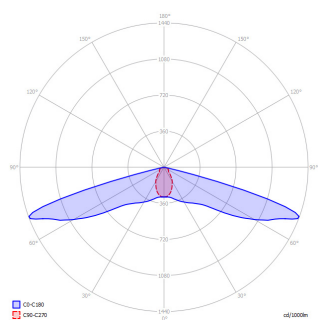
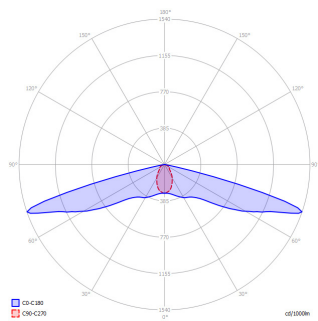
OPTIONS

- **Dimensions:** 175x175mm
- **Wood species:** Oak or Accoya
- **Certification:** FSC or PEFC
- **Post support:** The EYE-solar is available with an anti-theft solution which makes it more difficult to remove the luminaire.
- **Colour temperature:** Available in 2.700K, 4.000K and Amber (593nm).
- **Sensor:** The luminaire can be fitted with a built-in PIR sensor. The LED will illuminate at 10% after switching on. When motion is detected, the LED will switch temporarily (5min) to the maximum light output.
- **Variations :** All Timberlab products are unique. In addition to our standard options, we offer customization. Think of adding logos, sockets or different dimensions.



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.

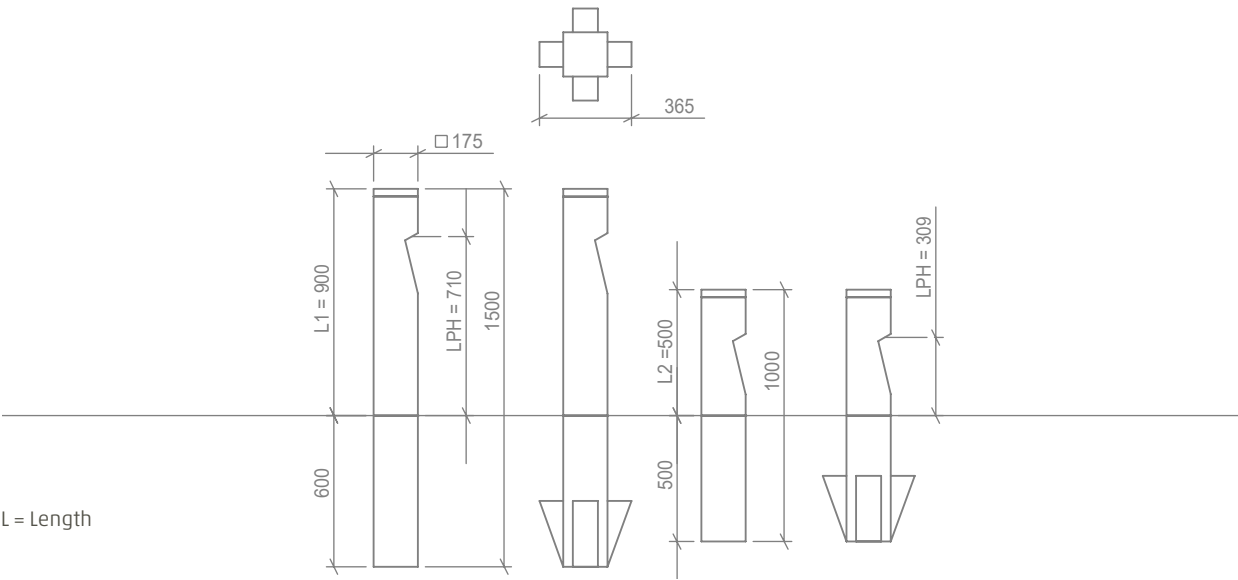
LED MODULES



| | TBL path light module 2.700K | TBL path light module 4.000K | TBL path light module AMBER 593 nm |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------------|
| Voltage | n.a. | n.a. | n.a. |
| Power | 1W | 1W | 1W |
| Power factor | 0.36* | 0.36* | 0.34* |
| Lumen output | 50 lm | 63 lm | 23 lm |
| Efficiency | 50 lm/W* | 63 lm/W* | 23 lm/W* |
| Colour temp. | Warm White 2700K 2654K* | Cool White 4000K 3801K* | AMBER x=0.5977 y=0.3996.* |
| CRI | 84* | 72* | n.v.t. |
| Dimmable | on request | on request | on request |
| Label | A+ | A+ | B |
| IP grade | IP 54 | IP 54 | IP 54 |
| Beam angle | 156x64* | 154x65* | 151x58* |
| Number of LEDs | 1 | 1 | 1 |
| Temperature range in operation | -20...+50°C | -20...+50°C | -20...+50°C |
| Lifespan | 100.000 h | 100.000 h | 100.000 h |
| * Measured values | | | |



DIMENSIONS AND WEIGHT



| | | | | |
|--------------------|-------|-------|-------|-------|
| Weight oak | 26 kg | 26 kg | 17 kg | 17 kg |
| Weight Accoya | 19 kg | 19 kg | 13 kg | 13 kg |
| CO2 storage oak | 41 kg | 41 kg | 27 kg | 27 kg |
| CO2 storage Accoya | 30 kg | 30 kg | 20 kg | 20 kg |

PRODUCT CODE GENERATOR

| Product family | Wood species | Certification | In ground / post support | Colour temp. | Type | Voltage | Variations |
|----------------|---------------------|------------------------------|--|------------------------------------|--|---------|------------|
| XX | X | X | XX | X | X | X | XX |
| 12= EYE-solar | 3= Oak 4= Accoya | 0= N.a. 1= FSC 2= PEFC | 00= Length 1 + 600mm in ground 30= Length 2 + 500mm in ground | 1= 2.700K 3= 4.000K 4= Amber | 0= Without PIR 1= With PIR 2= Without PIR with anti-theft 3= With PIR with anti-theft | 0 | 00 |

EXAMPLE

EYE-solar, Oak, PEFC, Length 1 + 600mm in ground, 2.700K, Without PIR.
Product code: 12320010000