

TORRE-solar

Datasheet



Just like other solar luminaires, the TORRE solar is a stand-alone luminaire. Thanks to the built-in battery pack, the TORRE 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



SPECIFICATIES

- **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:** 105x50°
- **Colour fixture:** RAL 7016
- **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.

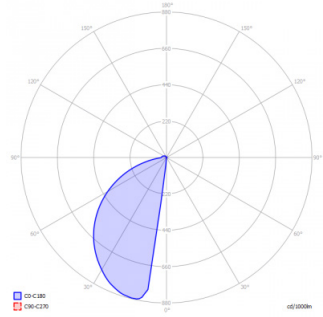
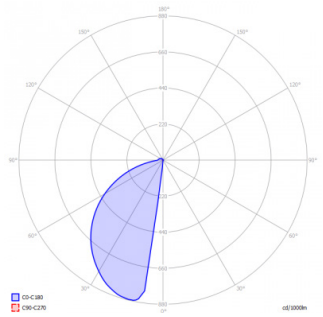
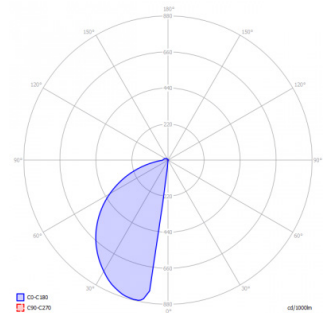
OPTIES

- **Dimensions:** 175x175mm
- **Wood species:** Oak or Accoya
- **Certification:** FSC or PEFC
- **Post support:** TORRE-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.



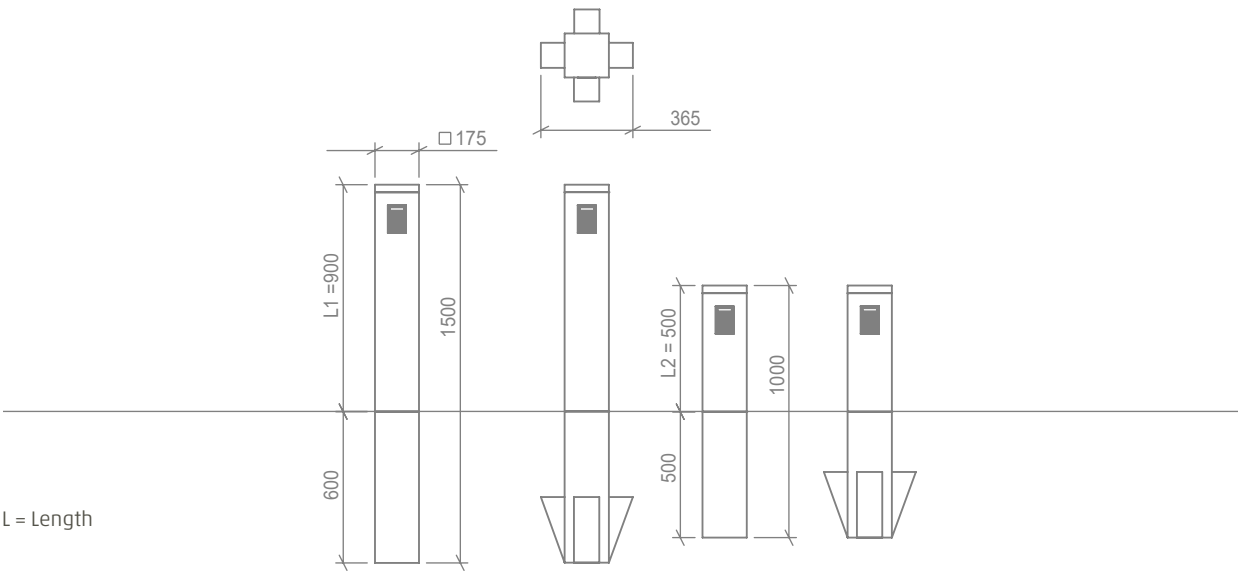
Only products indicated with the FSC® claim are FSC certified and come with our FSC-certificate number NC-COC-029615-KE. Only products indicated with the PEFC™ claim are 100% PEFC certified and come with our PEFC-certificate number NC-PEFC/COC-029615-FJ.

LED MODULES

			
	TBL wall module 2.700K	TBL wall module 4.000K	TBL wall module AMBER 593 nm
Voltage	n.a.	n.a.	n.a.
Power	1W	1W	1W
Power factor	0.39*	0.39*	0.37*
Lumen output	20 lm	29 lm	10 lm
Efficiency	20 lm/W*	29 lm/W*	10 lm/W*
Colour temp.	Warm White 2700K 2683K*	Cool White 4000K 3981K*	AMBER x=0.5853 y=0.4043*
CRI	84*	72*	n.a.
Dimmable	on request	on request	on request
Label	B	B	B
IP grade	IP 54	IP 54	IP 54
Beam angle	105x50*	105x50*	105x50*
Number of LEDs	2	2	2
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	14 kg	14 kg
Weight Accoya	19 kg	19 kg	11 kg	11 kg

CO2 storage eiken	41 kg	41 kg	23 kg	23 kg
CO2 storage Accoya	30 kg	30 kg	17 kg	17 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
18= TOR-RE-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

TORRE-solar, Oak, PEFC, 2.700K,With PIR with anti-theft
Product code: 18320013000