

# PIATTO-solar

Just like the other solar luminaires, the PIATTO solar is also a stand-alone luminaire. Due to the built-in battery pack, the PIATTO solar can be used anywhere and no cables need to be laid. The fixture is equipped with a PV panel in combination with a state-of-the-art built-in control electronics and energy storage. The Solar energy is stored as efficiently as possible and released to the LED module in a smart way.

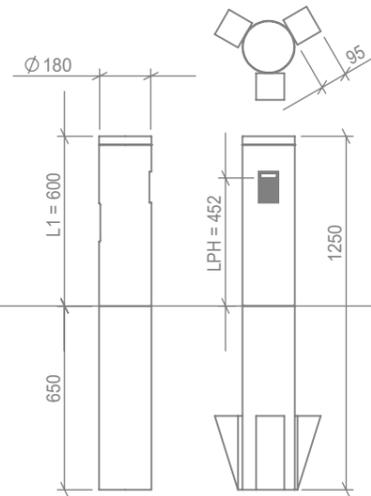


## SPECIFICATIONS

- **IP class:** IP54
- **Power per LED module:** 1-Watt max.
- **Colour fixture:** Gray RAL 7016
- **Lumen output per LED module:** Lumen output varies depending on the season and weather type.
- **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

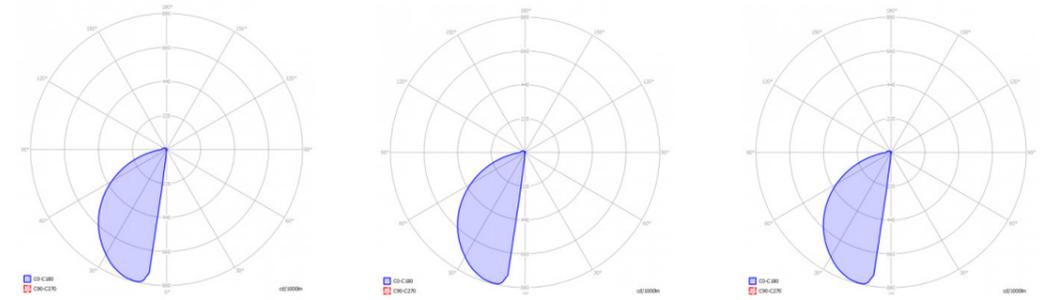
- **Wood type:** Chestnut
- **Quality mark:** PEFC
- **Accessories:** For the PIATTO solar is an anti-theft solution available that makes the pole more difficult to handle delete.
- **Light colour:** Available in 2.700, 4.000 K and amber (593 nm).
- **Sensor:** The luminaire can be fitted with a built-in PIR presence sensor. The LED will illuminate at 10% after switching on. When motion is detected, the LED will switch temporarily (5 min) to the maximum light output.
- **Variations:** At Timberlab, every fixture is carefully produced for you. Aside from the standard options, we are happy to help create variations for your specific application.



L = Length

	Weight	CO2 storage
Chestnut	20 kg	32 kg

## LEDMODULES



	TBL wall module 2.700K	TBL wall module 4.000K	TBL wall module AMBER 593 nm
Voltage (optional)	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC
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*
Light temp.	Warm White 2700K 2683K*	Cool White 4000K 3981K*	AMBER x=0.5853 y=0.4043*
CRI	84*	72*	n.v.t.
Dimmable	op 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



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