PRODUCT SPECIFICATION

93013

PIATTO (SOLAR BOLLARD)

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.

PROJECT EXAMPLES

Lakes & ponnds

RELATED PRODUCTS

93014 PIATTO – Wired bollard

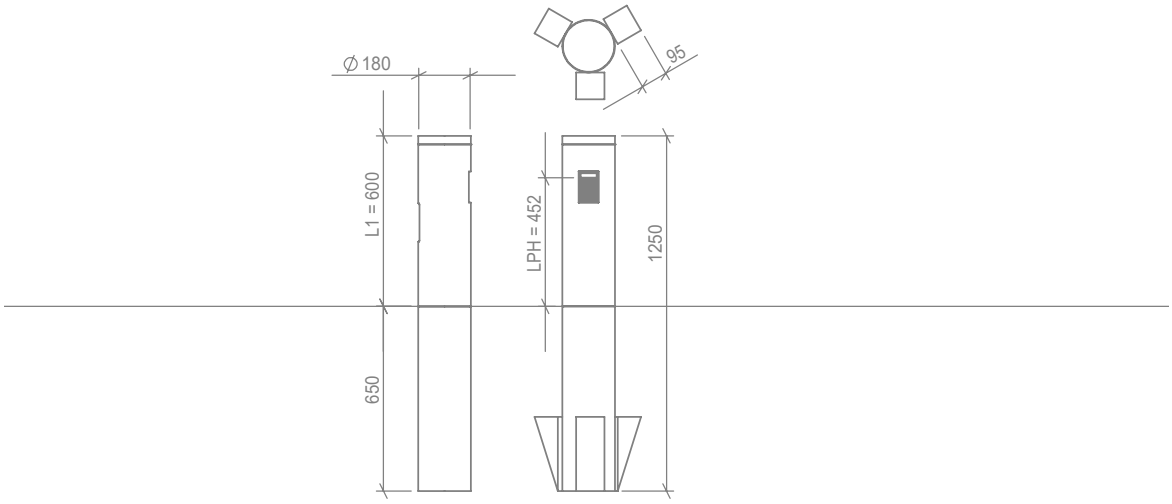
PRODUCT SPECIFICATION

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

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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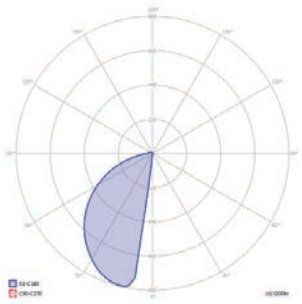
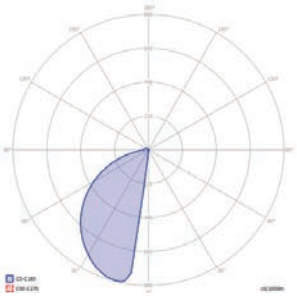
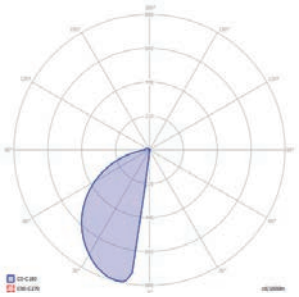
PRODUCT SPECIFICATION

LEDMODULES







	TBL wall module 2.700K	TBL wall module 4.000K	TBL wall module AMBER 593 nm
Voltage (optional)	230 VAC 12-24V AC/DC	230 VAC 12-24V AC/DC	230 VAC 12-24V AC/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

ATTENTION! – INSTALLATION WITHIN 4 WEEKS
Important:
• To prevent damage to the battery, this Solar product must be installed within 4 weeks of delivery.
• If the product is not installed within this period, the battery can discharge too much and become damaged.
• During installation: Remove the plastic key (pin) from the stainless steel cover. Break the seal on the key and place it back into the opening of the stainless steel cover.

These units are battery powered and should not be stored for extended periods of time prior to installation. If left inactive, the batteries may discharge and become flat over time.

Hornbeck shall not be held liable for any batteries that cease to function where products have been kept in storage, following delivery, and before installation on site.