

PRODUCT SPECIFICATION

93019

GUARDA WIRED BOLLARD

The GUARDA is simplicity itself. Its elegant form is guided purely by function. The light from this Accoya lamp reflects off the wood. This emphasises the grain of the wood. Its simplicity and robustness make it a reliable aid in darker days. Indestructible by weather and wind, this lamp becomes more beautiful every year.



PROJECT EXAMPLES

Estate and grounds



RELATED PRODUCTS

93001 EYE – Wired bollard



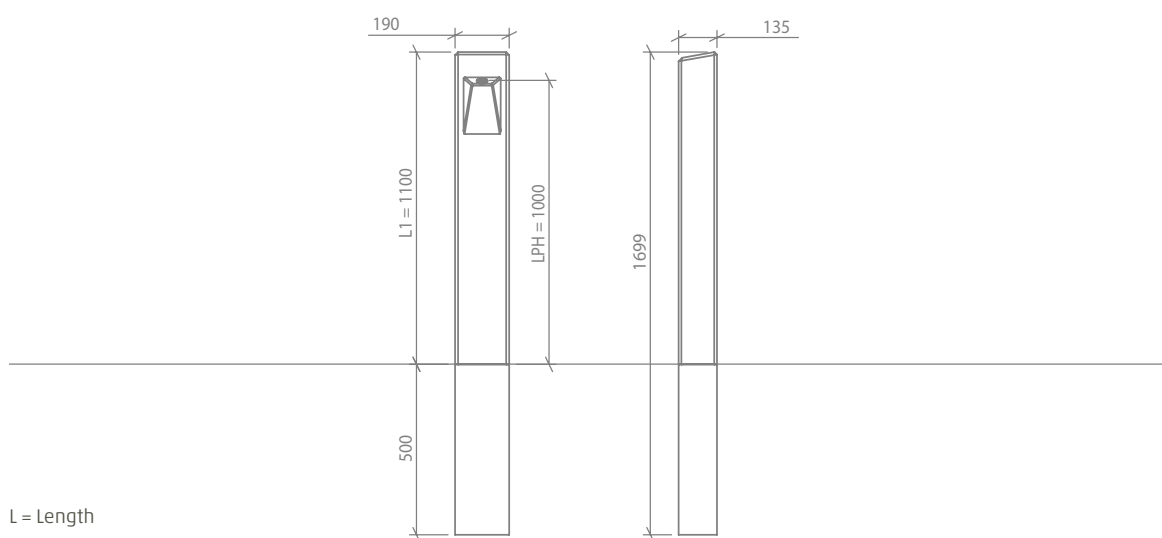
PRODUCT SPECIFICATION

SPECIFICATIONS

- **Wood type:** Accoya
- **Thickness:** 190 x 135 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:** Above ground, Accoya * remains in top condition for 50 years and in ground-water contact for at least 25 years. 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:** FSC
- **Light colour:** Available in 2.200, 2.700, 4.000 K and amber (593 nm).
- **Connection:** Possible with cable or without cable (1 mtr 3x 1.5 mm²).
- **Variations:** At Timberlab, every luminaire is carefully produced for you. In addition to the standard options, we like to create variations for your application. Examples include: different height angle.



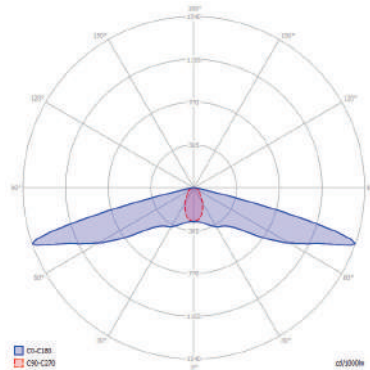
	Weight	CO2
		storage
Accoya	26 kg	42 kg



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 12-24VAC/DC	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/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 2335K*	Warm White 2700K 2654K*	Cool White 4000K 3801K*	AMBER x=0.5977 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				

