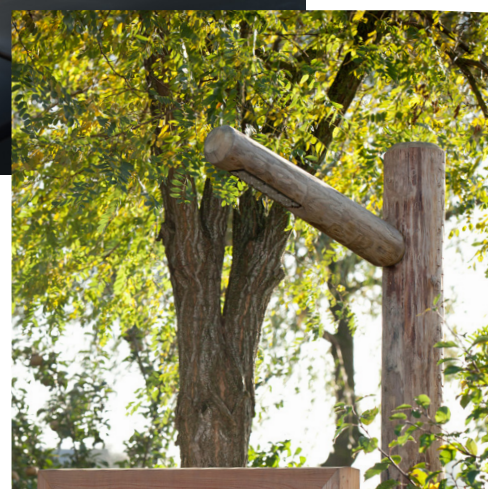


# ALTO

Datasheet



This wooden lamp post will look great in any location; a parking space in the middle of the woods, a nature campsite or a special holiday park. Outdoor lighting where a robust, authentic appearance is essential. The ALTO lamp post is made of sustainable chestnut wood and fitted with an own LED module for optimal light distribution. Ideal to combine with other chestnut wood products.



**timberlab**  
natural outdoor solutions



## SPECIFICATIONS

- **Wood species:** Chestnut
- **Dimensions:** 180 - 200mm
- **IP grade:** IP54
- **Voltage:** 230 Volt
- **Power per LED module:** 18 Watt
- **Lumen output per LED module:**

3.000K = 2.400 lm
4.000K = 2.500 lm
amber = 1.000 lm
- **Beam angle:** 151x68\*
- **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

- **Certification:** PEFC
- **Post support:** The ALTO is available with or without post support. See our "Post support" datasheet for all technical data.
- **Colour temperature:** Available in 3.000K, 4.000K and Amber (593nm).
- **Cable:** Available with 0,6mtr 3x 1,5mm<sup>2</sup> cable or a 32mm hole for an easy connection to your ground cable.
- **Type:** Single or double led module.
- **Variations :** All Timberlab products are unique. In addition to our standard options, we offer customization. Think of adding logos, sockets or different dimensions.



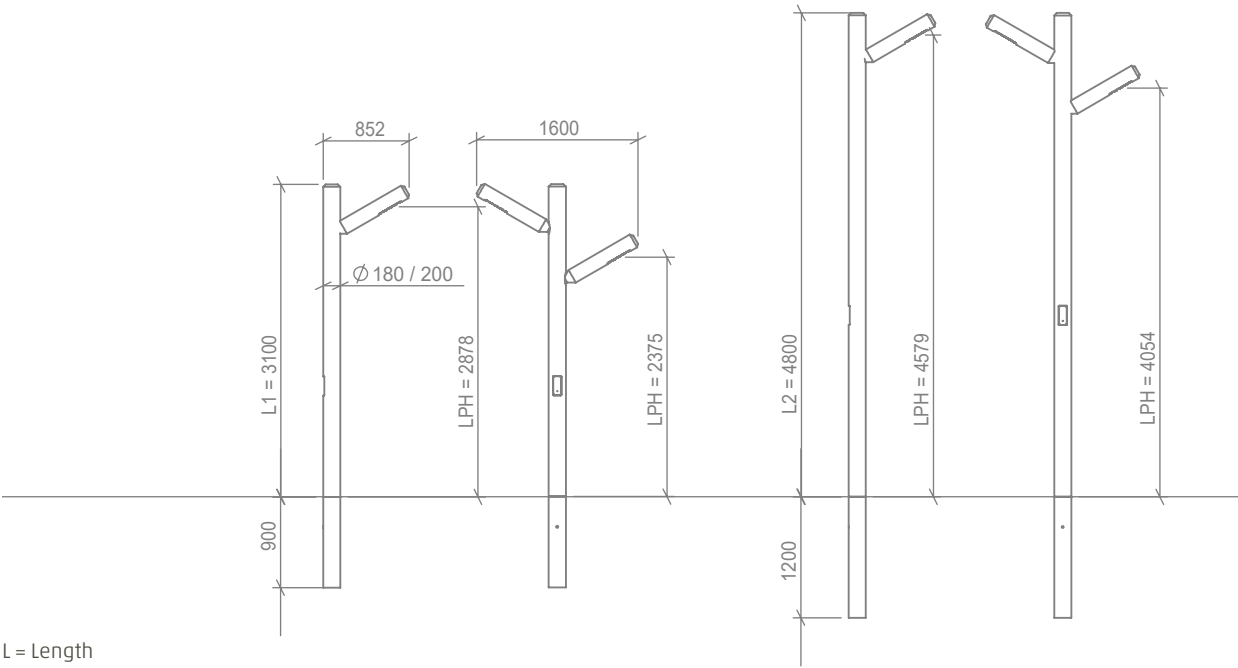
Only products indicated with the FSC® claim are FSC certified and come with our FSC-certificate number NC-COC-029615-KE. Only products indicated with the PEFC™ claim are 100% PEFC certified and come with our PEFC-certificate number NC-PEFC/COC-029615-FJ.

LED MODULES

	standard			narrow	medium (on request)	wide (on request)
	TBL streetlight module 3.000K - standard	TBL streetlight module 4.000K - standard	TBL streetlight module AMBER 593nm - standard	TBL streetlight module 3.000K - <b>narrow</b>	TBL streetlight module 3.000K - <b>medium</b>	TBL streetlight module 3.000K - <b>wide</b>
Voltage	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC
Power	18.3W*	18.4W*	14.8W*	18.3W*	18.3W*	18.3W*
Power factor	0.4*	0.4*	0.38*	0.4*	0.4*	0.4*
Lumen output	2413 lm*	2527 lm*	809 lm*	2413 lm*	2413 lm*	2413 lm*
Efficiency	132 lm/W*	137 lm/W*	55 lm/W*	132 lm/W*	132 lm/W*	132 lm/W*
Colour temp.	3000K 2989K*	4000K 3877K*	AMBER x=0.6134 y=0.3838*	3000K 2989K*	3000K 2989K*	3000K 2989K*
CRI	73*	73*	n.a.	73*	73*	73*
Dimmable	on request	on request	on request	on request	on request	on request
Label	A++	A++	A	A++	A++	A++
IP grade	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Beam angle	151x68*	150x68*	145x60*	151x68*	151x68*	151x68*
Number of LEDs	16	16	16	16	16	16
Temperature range in operation	-30...+50°C	-30...+50°C	-30...+50°C	-30...+50°C	-30...+50°C	-30...+50°C
Lifespan	108.000 h	108.000 h	108.000 h	108.000 h	108.000 h	108.000 h
* Measured values						



DIMENSIONS AND WEIGHT



Weight chestnut	64 kg	76 kg	95 kg	108 kg
CO2 storage chestnut	101 kg	122 kg	152 kg	172 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
43= ALTO	2= Chestnut	0= N.a. 2= PEFC	00= Length 1 + 900mm in ground 30= Length 2 + 1,2mtr in ground	2= 3.000K 3= 4.000K 4= Amber	0= 32mm hole 1= Cable 2= Double 32mm hole 3= Double cable	1= 230 V	00

EXAMPLE

ALTO, Chestnut, PEFC, length 1 + 900mm in ground, 4.000K, Double 32mm hole, 230V.  
Product code: 43220033100