

PRODUCT SPECIFICATION

93009

Angelo (Wired Lamp Post)

Due to its sleek design, the Angelo is a bridge between architecture and nature. The Angelo is made of solid sustainable wood and gives every road a beautiful, rustic look. Both for the private driveway and for the entrance of an office, for example. Also widely used in parking lots. Please contact us if you want to view the Lighting data files.



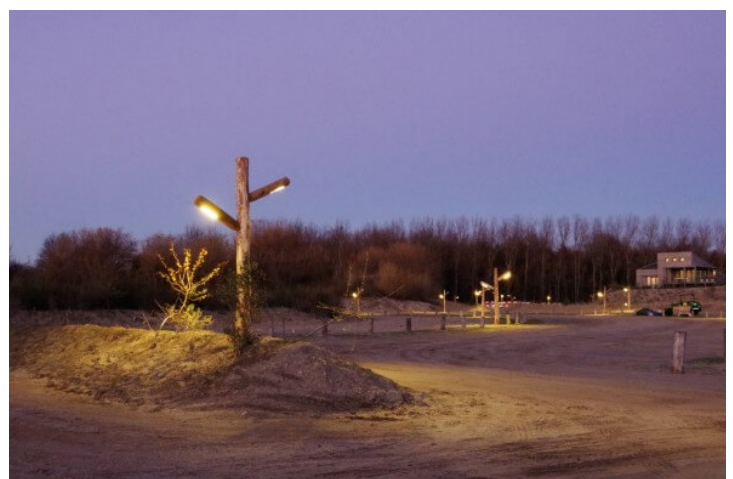
PROJECT EXAMPLES

Visitor reception and cafe



RELATED PRODUCTS

93010 ALTO - Wired lamp post



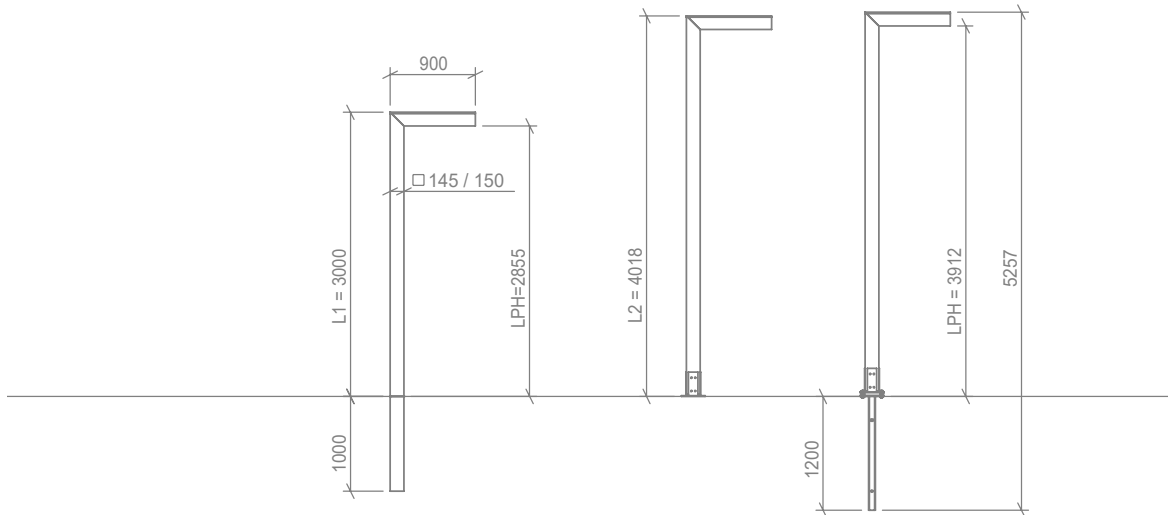
PRODUCT SPECIFICATION

SPECIFICATIONS

- **Thickness:** 150 mm
- **IP class:** IP54
- **Voltage:** 230 volts
- **Power per LED module:** 18 Watt
- **Lumen output per LED module:**
 - 2.200K = 1.376 lm
 - 3.000K = 2.413 lm
 - 4.000K = 2.527 lm
 - amber = 809 lm
- **Beam angle:** The LED module has a beam angle of 150x70 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 108,000 hours.
- **Lighting data:** Lighting data available on request.

OPTIONS

- **Wood type:** Larch/Douglas (on base support only), Oak, Rustic Chestnut or Accoya
- **Quality mark:** FSC or PEFC
- **Accessories:** The ANGELO is available with or without post holder. See chapter 'post holders' for all technical data of the different post holders.
- **Light colour:** Available in 2.200, 3.000, 4.000 K and amber (593 nm).
- **Connection:** Possible with cable or without cable (1 mtr 3x 1.5 mm²). A 32mm hole in the fixture as standard for easy passage of your ground cable.
- **Variations:** At Timberlab, every fixture is carefully produced for you. In addition to the standard options, we are happy to create variations for your application. Think of a wall socket or a different height angle.



L = Length
LPH = Light height

	Weight	CO2 storage	Weight	CO2 storage	Weight	CO2 storage
Larch/Douglas	-	-	57kg	79 kg	70 kg	79 kg
Chestnut	51 kg	80 kg	58 kg	80 kg	71 kg	80 kg
Oak	64 kg	103 kg	69 kg	103 kg	84 kg	103 kg
Accoya	46 kg	74 kg	53 kg	74 kg	66 kg	74 kg

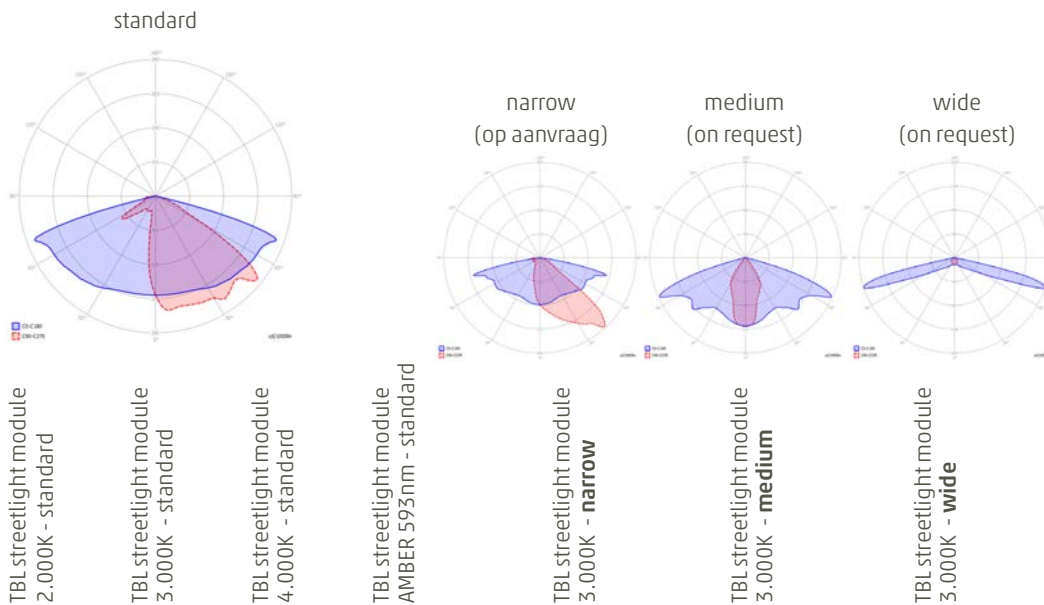


Only products indicated with the FSC® claim are FSC certified and come with our FSC-certificate number NC-COC-029615-KE. Only products indicated with the PEFC™ claim are 100% PEFC certified and come with our PEFC-certificate number NC-PEFC/COC-029615-FJ.



PRODUCT SPECIFICATION

LED MODULES



	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC
Power	18.9W*	18.3W*	18.4W*	14.8W*	18.3W*	18.3W*	18.3W*
Power factor	0.4*	0.4*	0.4*	0.38*	0.4*	0.4*	0.4*
Lumen output	1376 lm*	2413 lm*	2527 lm*	809 lm*	2413 lm*	2413 lm*	2413 lm*
Efficiency	73 lm/W*	132 lm/W*	137 lm/W*	55 lm/W*	132 lm/W*	132 lm/W*	132 lm/W*
Colour temp.	2200K 2087K*	3000K 2989K*	4000K 3877K*	AMBER x=0.6134 y=0.3838*	3000K 2989K*	3000K 2989K*	3000K 2989K*
CRI	81*	73*	73*	n.a.	73*	73*	73*
Dimmable	on request	on request	on request	on request	on request	on request	on request
Label	A	A++	A++	A	A++	A++	A++
IP grade	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54
Beam angle	151x68*	151x68*	150x68*	145x60*	151x68*	151x68*	151x68*
Number of LEDs	16	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	-30...+50°C
Lifespan	108.000 h	108.000 h	108.000 h	108.000 h	108.000 h	108.000 h	108.000 h

* Measured values