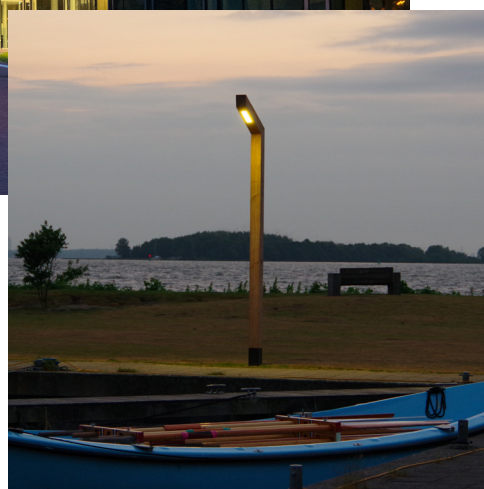


# STRATO

Datasheet



In terms of functionality as well as design, this wooden street light is unique in its kind. The STRATO is made of solid wood and provides every road with a nice, rustic appearance. For private driveway as well as for the entrance of, for instance, a holiday park. Is also widely applied in parking spaces. Contact us if you wish to see the light data files.



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natural outdoor solutions

## SPECIFICATIONS

- **Dimensions:** 150x150mm
- **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.

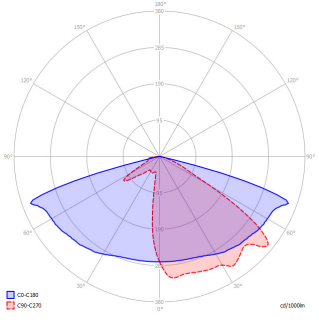
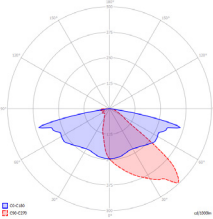
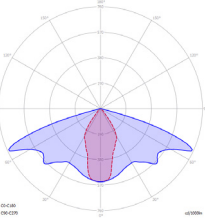
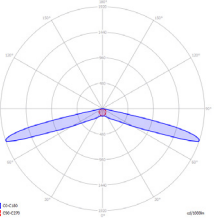
## OPTIONS

- **Wood species:** Larch/Douglas (only in combination with post-support), oak, chestnut or Accoya
- **Certification:** FSC or PEFC
- **Post support:** The STRATO 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.
- **Variations :** All Timberlab products are unique. In addition to our standard options, we offer customization. Think of adding logos, sockets or different dimensions.

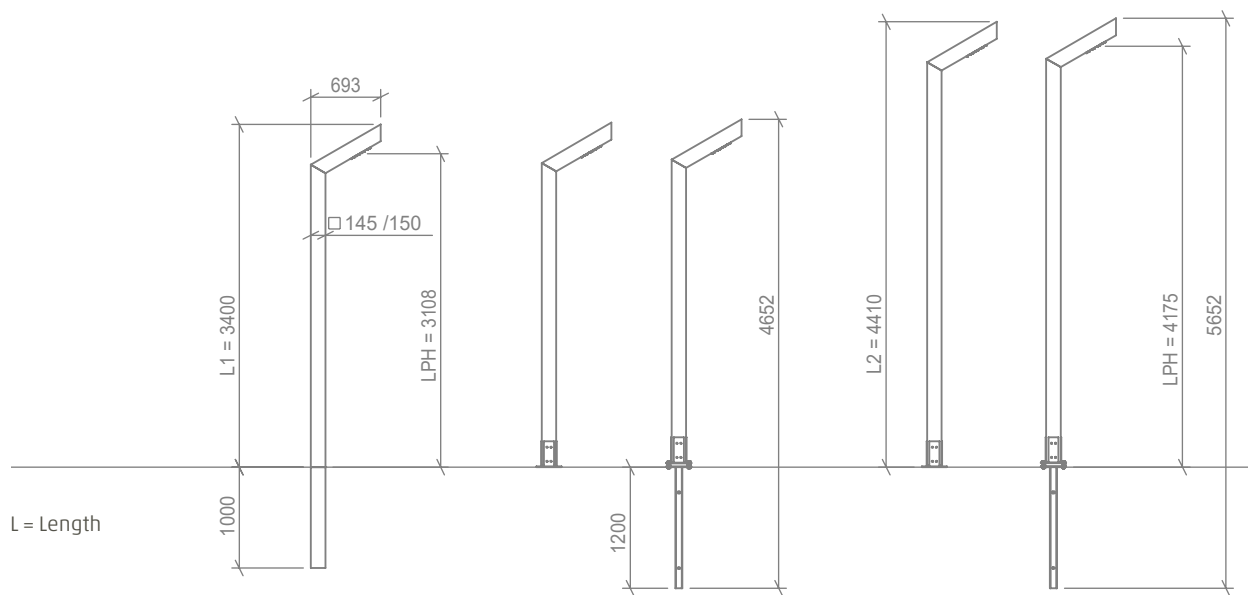


Only products indicated with the FSC® claim are FSC certified and come with our FSC-certificate number NC-COC-029615-KE. Only products indicated with the PEFC™ claim are 100% PEFC certified and come with our PEFC-certificate number NC-PEFC/COC-029615-FJ.

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 larch/douglas	n.a.	55 kg	62 kg	64 kg	77 kg
Weight chestnut	58 kg	50 kg	63 kg	65 kg	78 kg
Weight oak	74 kg	61 kg	74 kg	81 kg	94 kg
Weight Accoya	53 kg	47 kg	59 kg	60 kg	73 kg

CO2 storage larch/douglas	n.a.	67 kg	67 kg	91 kg	91 kg
CO2 storage chestnut	93 kg	69 kg	69 kg	93 kg	93 kg
CO2 storage oak	118 kg	87 kg	87 kg	118 kg	118 kg
CO2 storage Accoya	85 kg	62 kg	62 kg	85 kg	85 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
40= STRATO	1= Larch 2= Chestnut 3= Oak 4= Accoya	0= N.a. 1= FSC 2= PEFC	00= Length 1 + 1mtr in ground 07= Length 1 with PH07 08= Length 1 with PH08 37= Length 2 with PH07 38= Length 2 with PH08	2= 3.000K 3= 4.000K 4= Amber	0= 32mm hole 1= Cable	1= 230 V	00

EXAMPLE

STRATO, Larch, PEFC, Length 1 with PH07, 3.000K, Cable, 230V.  
Product code: 4012121100