

EYE 100

timberlab



INDEX

Specifications	2
Options	2
Ledmodules	3
Drawings	4
Durability classes	7
C02-storage	8
Dowloads	8

SPECIFICATIONS

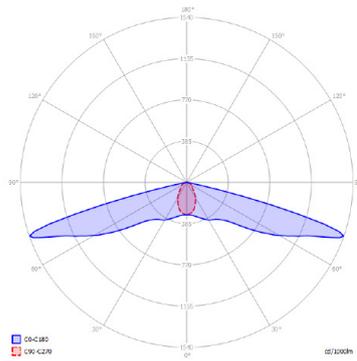
- **IP rating:** IP54
- **Power per LED module:** 2.4 Watt
- **Lumen output per LED module:**
 - 2.200K = 109 lm
 - 2.700K = 121 lm
 - 4.000K = 153 lm
 - amber = 47 lm
- **Beam angle:** 155x65 degrees
- **LED module lifetime:** >100.000 H (L90,B10)
- **Lighting data:** LDT / IES files are available at www.timberlab-solutions.com or in the Dialux library: <https://silver.dialux.com/timberlab>
- **BUG rating:** B0, U0, G0
- **CE marked**
- **Packaging:**

Pallet dimensions (L x W x H):	1500 x 800 x 1500 mm
Pack quantity per pallet:	98
Pallet weight (KG):	1500

OPTIONS

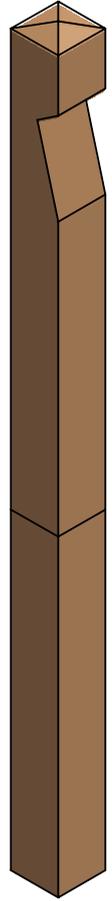
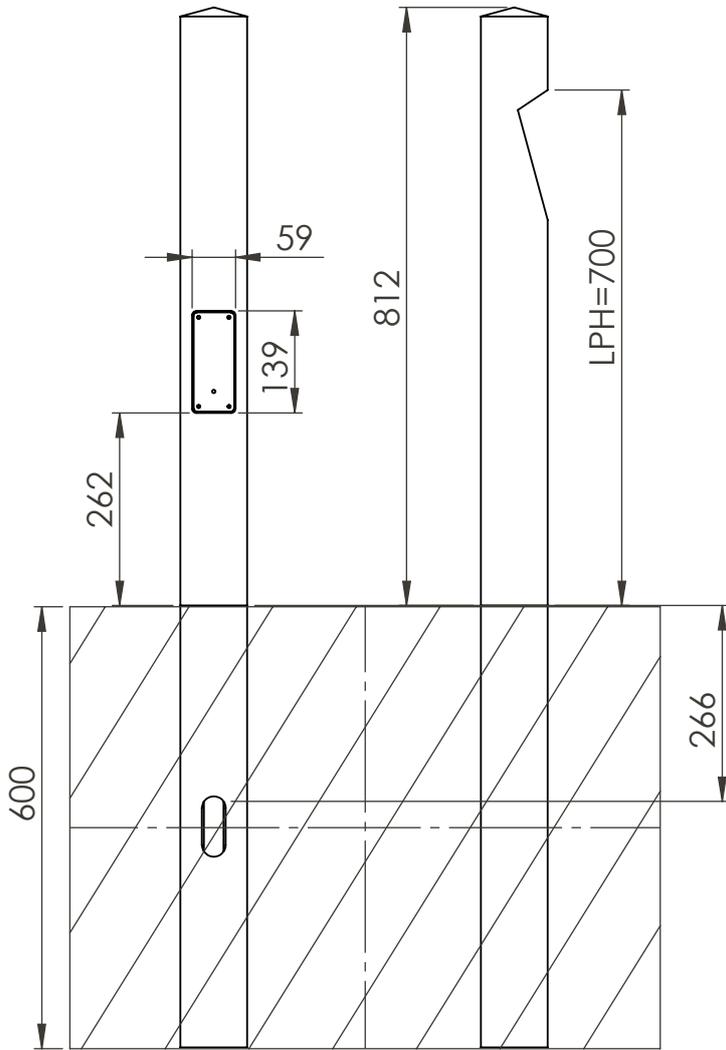
- **Wood type:** Douglas (foot support only), oak, rustic chestnut, or Accoya
- **Certification:** FSC or PEFC
- **Light colour:** 2.200K, 2.700K, 4.000K, 3.000K/amber or amber (593nm)
- **Connection:** Available with or without cable (1m 3x1.5mm²). A 32mm hole is standard in the fixture for easy passage of your ground cable
- **DALI Control**
- **Mast access door with triangular lock / with fuse box**
- **Powder coating of post holders**
- **Dynamic motion sensor**
- **Variations:** At Timberlab, each fixture is custom-made with care. In addition to the standard options, we are happy to help create variations tailored to your application. Feel free to contact our project advisors with any questions at www.timberlab-solutions.com.

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
Spanning (optie)	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC	230 VAC 12-24VAC/DC
Vermogen	2.4W*	2.4 W*	2.4W*	2.1W*
Power factor	0.36*	0.36*	0.36*	0.34*
Lumen output	109 lm*	121 lm*	153 lm*	47 lm*
Efficientie	45 lm/W*	50 lm/W*	63 lm/W*	23 lm/W*
Lichtkleur	2200K 2335K*	Warm Wit 2700K 2654K*	Natuurlijk Wit 4000K 3801K*	AMBER x=0.5977 y=0.3996.*
CRI	84*	84*	72*	n.v.t.
Dimbaar	op aanvraag	op aanvraag	op aanvraag	op aanvraag
Label	A+	A+	A+	B
Bescherming	IP 54	IP 54	IP 54	IP 54
Stralingshoek	156x64*	156x64*	154x65*	151x58*
Aantal LEDs per module	1	1	1	1
Bedrijfs temperatuur	-20...+50°C	-20...+50°C	-20...+50°C	-20...+50°C
Verwachte levensduur	100.000 uur	100.000 uur	100.000 uur	100.000 uur

* Gemeten waarden



Woodtype	Size
Oak	100 mm
Douglas	95 mm
Chestnut	100 mm
Accoya	95 mm

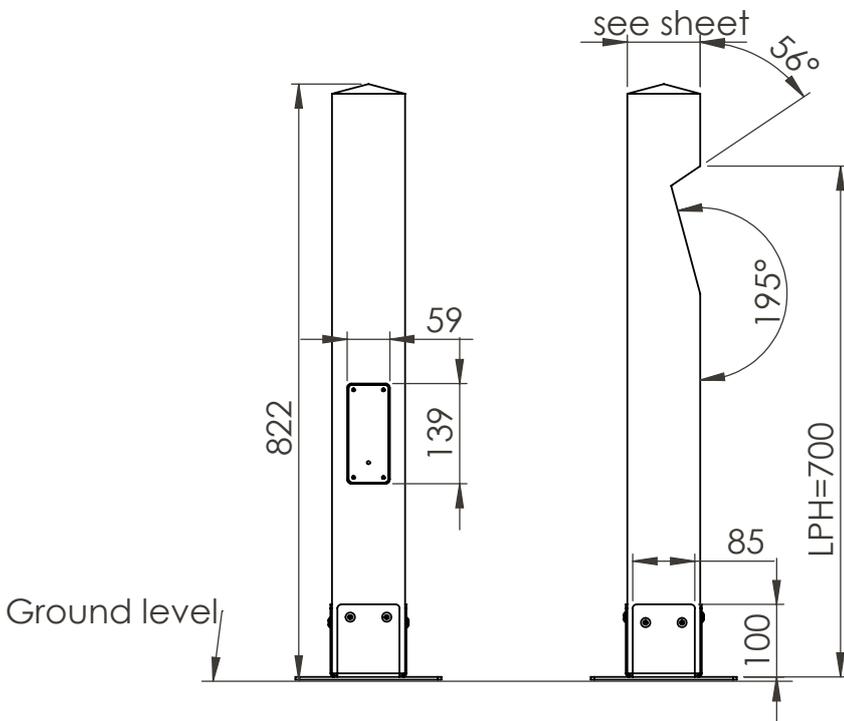
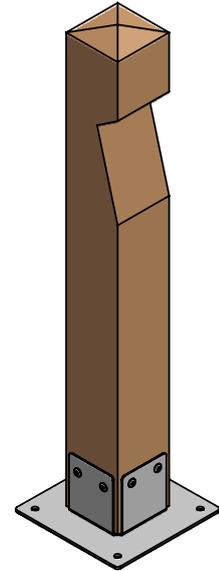
timberlab

Timberlab B.V. - Harskamperweg 32 - 6731 AB Otterlo
The Netherlands T +31 (0)318 943617 -

TITLE: EYE 100 ingr			
FILE: Production drawing	REVISION	A	31-10-2024
Drawn by: DR	Checked by: TvD	MATERIAL:	A4

Scale: 1:10

SHEET 1 OF 1

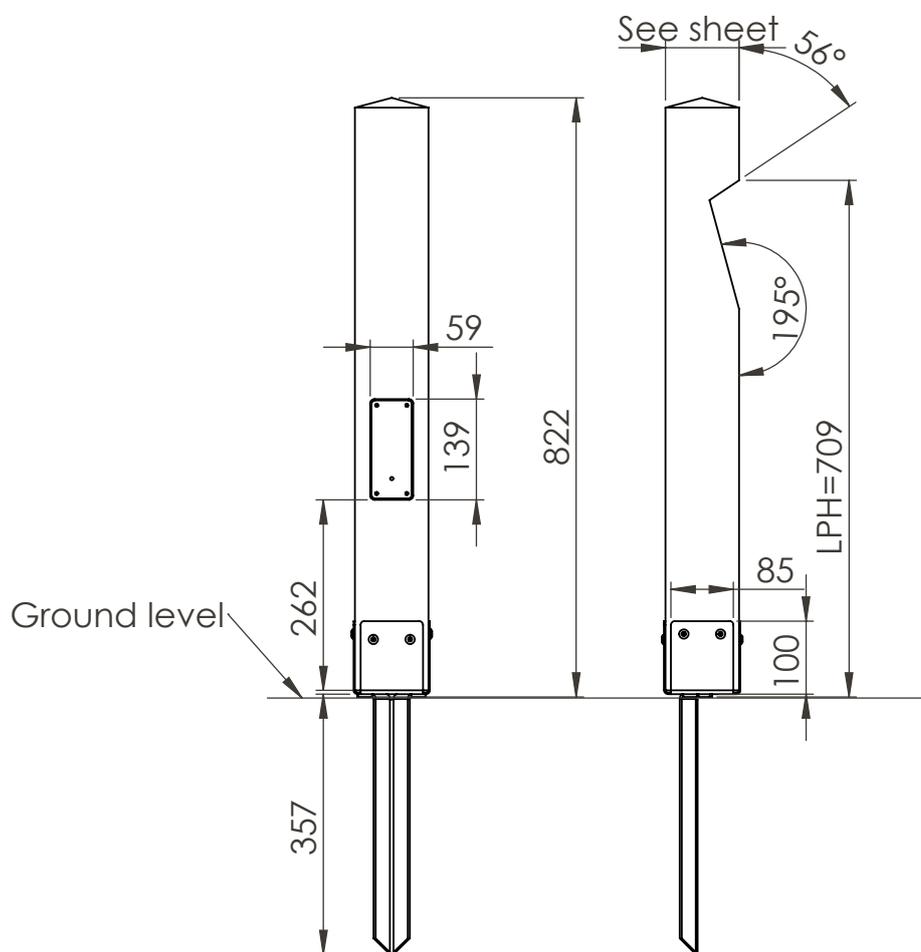
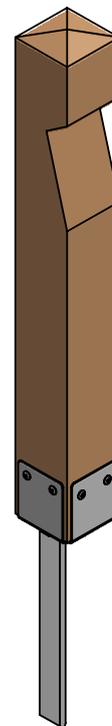


Woodtype	Size
Oak	100 mm
Douglas	95 mm
Chestnut	100 mm
Accoya	95 mm

timberlab

Timberlab B.V. - Harskamperweg 32 - 6731 AB Otterlo
The Netherlands T +31 (0)318 943617 -

TITLE: EYE 100 PH02			
FILE: Production drawing		REVISION: A	21-10-2024
Drawn by: DR	Checked by: TvD	MATERIAL:	A4
Scale: 1:10		SHEET 1 OF 1	



Woodtype	Size
Oak	100 mm
Douglas	95 mm
Chestnut	100 mm
Accoya	95 mm

timberlab

Timberlab B.V. - Harskamperweg 32 - 6731AB Otterlo
The Netherlands T +31 (0)318 943617 -

TITLE: EYE 100 PH03		REVISION A 21-10-2024	
FILE: Production drawing		MATERIAL:	
Drawn by: DR	Checked by: TvD	A4	
Scale: 1:10		SHEET 1 OF 1	



The mark of responsible forestry

FSC®

The Forest Stewardship Council (FSC) is an international organization dedicated to global conservation and responsible forest management. FSC defines responsible forest management as the balanced consideration of ecological, social, and economic aspects associated with forestry.



PEFC™

PEFC is an international certification mark that guarantees wood and paper products originate from sustainably managed forests, ensuring the preservation of forest areas.

DURABILITY CLASSES

Class	Lifespan	Wood species
I	>25 years	Accoya*, cumaru
II	15 - 25 years	Chestnut, oak
III	10 - 15 years	Douglas fir
IV	5 - 10 years	
V	< 5 years	

* Accoya is guaranteed to last for over 50 years above ground and 25 years in ground or freshwater. For more information, visit www.accoya.com.



CO2-Storage

	eye 100		eye 100		eye 100	
	ingr		PH02		PH03	
	Weight	CO2	Weight	CO2	Weight	CO2
	storage		storage		storage	
Larch/Douglas	-	-	5 kg	8 kg	8 kg	8 kg
Chestnut	9 kg	15 kg	5 kg	9 kg	8 kg	9 kg
Oak	12 kg	19 kg	7 kg	11 kg	10 kg	11 kg
Accoya	9 kg	14 kg	5 kg	8 kg	8 kg	8 kg

DOWNLOADS

For more information, visit <https://timberlab-solutions.com/> where you can find a manual, 3Ds file, and create a lighting plan with our Light Calculator.

The documents that can be downloaded are:

- Datasheet Smart Motion Sensor
- Manual

Other links are:

- Specification text
- Lighting plan

Disclaimer

The information presented in this datasheet is carefully compiled by Timberlab with care and attention. Nevertheless, it is possible that the information published in the datasheet is incomplete and/or incorrect.

