

LUXTENSION

TELESCOPIC LIGHTMAST

LXT-450 – Telescopic light mast

Complete system including lights and wireless remote



Description

The LXT-450 telescopic light mast is a full operating pneumatic mast that is often used on vehicles and trucks for lighting any area from above. This system can be easily connected to any truck or vehicle and is made for extreme weather conditions.

The telescopic light mast can reach a total height of 4.5 meters plus the mounting height, which makes the average height of the lights based at 6.0 meters from the ground.

Technical details

Telescopic Mast

Mast height:	1.6m to 4.5m
Input Voltage:	24 VDC
Junction box:	Included
Air pressure input:	<2 bar.
Pole segments:	4 x 1,52 m
Material:	Anodized aluminium, Silver
Ambient Temp:	-20°C to + 50°C
Mast IP index:	IP 67
Life expectancy:	10+ years
Mounting brackets:	Included

Lights

Light rotation:	Pan & Tilt (horizontal & vertical)
Horizontal light rotation:	350 degrees horizontal
Vertical light rotation:	180 degrees vertical
Lights:	2x LXT-HL10
Light Source:	LED, steady burning
Light Colour:	White 3.000K
Light Enclosure:	Anodized aluminium, Black
Light Intensity:	129.766 lm. (64.883 lm. Per light)
Light wattage:	2x 216W
Life expectancy:	100.000 hours

Remote

Communication:	Wireless Mesh
Remote power supply:	3x AA (included)
Remote Enclosure:	ABS, Anthracite grey
Remote Ingress protection:	IP65
Remote dimensions:	149 x 78 x 34 mm (LxWxH)
Remote weight:	270g.



Packaging

Weight:	Gross: 37,5 Kg. Nett: 32.3 kg.
Packaging dimension:	Mast: 168x21x21 cm (LxWxH) 15,2 kg. Junction Box: 60x37x28 cm (LxWxH) 7,5 kg. Light unit: 66x21x26 cm (LxWxH) 15,1 kg.

Installation requirements

Mounting bolts:	8x M8 mounting (not included)
Air pressure installation cable:	8x6 mm tube (not included)
Power cable (24Vdc):	2.5 to 4 mm2 (not included)

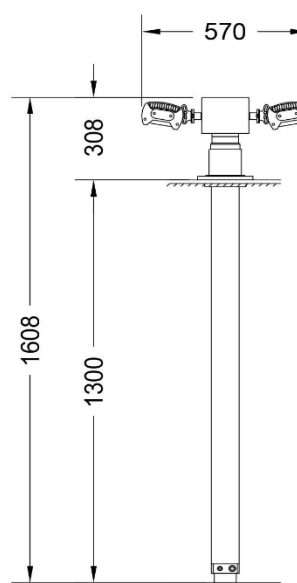
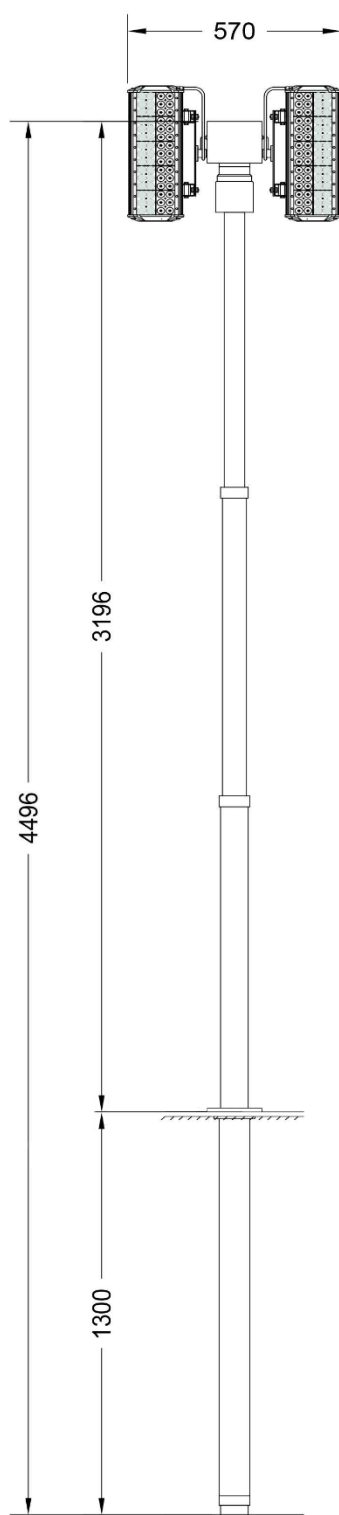


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Main dimensions

Find the main dimensions and mounting dimensions in the image below





Light distribution report

Find the light distribution report for 1 out of 2 lights in the image below

TÜV Rheinland Group

Technischer Bericht Nr. : 94300122/2 Vers. 00
Technical Report No.

Prüfobjekt(e) / Tested object(s) : LXT-HL10

Hersteller / Manufacturer : Luxtension B.V.



Lichtstärkeverteilung – horizontaler Schnitt (B90-B270)

Luminous intensity distribution – horizontal cut (B90-B270)

Datei / File: 94300122.2

