

## Spine T 1 Ultra

Designed by Vincent Van Duysen, 2021



Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240 V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5 m neoprene cable (10 m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10 V or DALI dimmable version with 24 Vdc remote power supply.



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### Main specifications

|                        |                      |
|------------------------|----------------------|
| EAN                    | 8054793412122        |
| Mounting               | Pole Top             |
| Environments           | Outdoor wet location |
| Light source type      | LED                  |
| Light sources included | Yes                  |
| LED type               | Power LED            |
| Number of lamps        | 1                    |
| System power (W)       | 7.9                  |
| Source flux (lm)       | 696                  |
| Lumen Output (lm)      | 500                  |

### Physical

|                          |            |
|--------------------------|------------|
| Colour                   | Black      |
| Orientation              | Adjustable |
| Rotation (°)             | 45         |
| Longitudinal tilting (°) | 165        |
| Cord length (mm)         | 5000       |
| Net weight (kg)          | 0.9        |
| Package height (mm)      | 265        |
| Package width (mm)       | 290        |
| Package length (mm)      | 205        |
| Package volume (m3)      | 0.02       |
| IP internal              | 66         |

### Download

Mounting instructions [↓ ZIP](#)

### Photometric Files

LDT / IES [↓ ZIP](#)

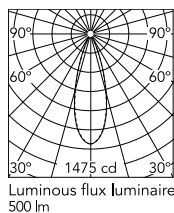
### Technical Drawings

2D [↓ ZIP](#)

3D [↓ ZIP](#)



## Schematic light drawing



Beam Angle: 32°

h(m) E(lx) D(m)

1 1475 0.58

2 369 1.16

3 164 1.74

4 92 2.32

5 59 2.90

Luminous flux luminaire  
500 lm

## Photometric

|                        |           |
|------------------------|-----------|
| Light distribution     | Symmetric |
| CCT (K)                | 3000      |
| CRI>                   | 80        |
| Beam angle C0-180 (°)  | 32        |
| Beam angle C90-270 (°) | 32        |

## Electrical

|                    |              |
|--------------------|--------------|
| Insulation class   | I            |
| Frequency (Hz)     | 50/60        |
| Main voltage (Vac) | 220-240      |
| Power supply       | Integrated   |
| Dimmable           | No           |
| Power supply type  | Non Dimmable |
| Dimming interface  | Not Dimmable |
| Emergency          | No           |

## Notes

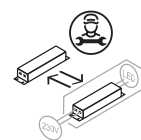
5 m neoprene cable (10 m upon request) for remote connection.

## Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class E



Replaceable (LED only)  
light source by a  
professional



Replaceable control  
gear by a professional

Accessories & Power Supply



REQUIRED Pole

FA24806  
Pole Ø76 mm h 3500 mm(with Base)



REQUIRED Pole

FA24833  
Pole Ø76 mm h 3500 mm(with Base)



REQUIRED Pole

FA25006  
Pole Ø76 mm h 3500 mm (+500 mm In-ground)



REQUIRED Pole

FA25033  
Pole Ø76 mm h 3500 mm (+500 mm In-ground)



REQUIRED Pole

FA24906  
Pole Ø76 mm h 4500 mm(with Base)



REQUIRED Pole

FA24933  
Pole Ø76 mm h 4500 mm(with Base)



REQUIRED Pole

FA414006  
Pole Ø 102 mm h 4000 mm With Base



REQUIRED Pole

FA414033  
Pole Ø 102 mm h 4000 mm With Base



REQUIRED Pole

FA414506  
Pole Ø 102 mm h 4000 mm  
(+500 mm In-ground)



REQUIRED Pole

FA414533  
Pole Ø 102 mm h 4000 mm  
(+500 mm In-ground)



REQUIRED Pole

FA415006  
Pole Ø 102 mm h 5000 mm With  
Base



REQUIRED Pole

FA415033  
Pole Ø 102 mm h 5000 mm With  
Base



REQUIRED Pole

FA415506  
Pole Ø 102 mm h 5000 mm  
(+500 mm In-ground)



REQUIRED Pole

FA415533  
Pole Ø 102 mm h 5000 mm  
(+500 mm In-ground)



REQUIRED Pole

FA25106  
Pole Ø76 mm h 4500 mm (+500  
mm In-ground)



REQUIRED Pole

FA25133  
Pole Ø76 mm h 4500 mm (+500  
mm In-ground)



OPTIONAL  
Accessory

F990C00A000

2 way terminal block 4 poles IP68  
H2O stop. (ø5,5÷12mm cable)



OPTIONAL  
Accessory

FA116

Base Plate and Fixing Bolts for  
Pole Ø 102 mm h 4000/5000  
mm with Base



OPTIONAL  
Accessory

F990C100000

Gelbox IPX8 for splicing  
connectors



OPTIONAL  
Accessory

F025Z060000

Honeycomb Louvre



OPTIONAL  
Accessory

F990G300000

Base plate with Bolts for Pole Ø  
76 mm h 3000/4000 mm with  
Base



OPTIONAL  
Accessory

F025Z050030

Visor



OPTIONAL  
Accessory

F990C010000

3/4 way terminal block 4 poles  
IP68 H2O stop. (ø5,5÷12mm  
cable)



OPTIONAL  
Accessory

F029Z010000

Converter Spine 1 Optic Medium  
Flood



OPTIONAL  
Accessory

F029Z011000

Converter Spine 1 Optic Flood



OPTIONAL  
Accessory

F029Z012000

Converter Spine 1 Optic Wide  
Flood



OPTIONAL  
Accessory

F029Z013000

Converter Spine 1 Optic Elliptic 1



OPTIONAL  
Accessory

F029Z014000

Converter Spine 1 Optic Elliptic 2



OPTIONAL  
Accessory

F029Z015000

Converter Spine 1 Optic Wall  
Washer