

## Spine F 2 Ultra Hp Dimmable 1-10V

Designed by Vincent Van Duysen, 2021

1411lm - 4000K - CRI> 80 - Beam° 52



Energy-efficient 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 ON/OFF and adjustable 1-10 V or DALI. 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. The rod for ground installations is available in two sizes and needs to be ordered separately.

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### Main specifications

|                        |                      |
|------------------------|----------------------|
| EAN                    | 8054793500454        |
| Mounting               | Ground               |
| Environments           | Outdoor wet location |
| Light Source Type      | LED                  |
| Light sources included | Yes                  |
| LED type               | Power LED            |
| System power (W)       | 17                   |
| Source flux (lm)       | 1868                 |
| System flux (lm)       | 1411                 |

### Physical

|                          |            |
|--------------------------|------------|
| Color                    | Black      |
| Orientation              | Adjustable |
| Rotation (°)             | 360        |
| Longitudinal tilting (°) | 270        |
| Cord length (in)         | 0.197      |
| Net weight (lb)          | 6.61       |
| Gross weight (lb)        | 6.61       |
| Package height (in)      | 8.07       |
| Package width (in)       | 11.42      |
| Package length (in)      | 10.43      |
| Package volume (in)      | 961.37     |
| IP internal              | 66         |
| IP external              | 66         |

### Download

Mounting instructions [↓ ZIP](#)

### Photometric Files

LDT / IES [↓ ZIP](#)

### Technical Drawings

2D [↓ ZIP](#)

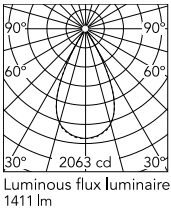
3D [↓ ZIP](#)

### Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class E



### Schematic light drawing



|             |       |      |
|-------------|-------|------|
| Beam Angle: | 52°   |      |
| h(m)        | E(lx) | D(m) |
| 1           | 2062  | 0.98 |
| 2           | 516   | 1.97 |
| 3           | 229   | 2.95 |
| 4           | 129   | 3.94 |
| 5           | 82    | 4.92 |

### Photometric

|                        |           |
|------------------------|-----------|
| Lighting type          | Direct    |
| Light distribution     | Symmetric |
| CCT (K)                | 4000      |
| CRI>                   | 80        |
| Beam angle C0-180 (°)  | 52        |
| Beam angle C90-270 (°) | 52        |
| Extreme cut off        | No        |

### Electrical

|                    |                   |
|--------------------|-------------------|
| Insulation class   | I                 |
| Frequency (Hz)     | 50/60             |
| Main voltage (Vac) | 110-127           |
| Driver             | Integrated        |
| Dimmable           | Yes               |
| Dimming type       | Dimmable 1-10V    |
| Dimming interface  | Dimmer Integrated |

### Notes

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

Accessories & Power Supply



REQUIRED  
Accessory

F026Z020030

Rod Ø20 mm h 200 mm



REQUIRED  
Accessory

F026Z030030

Rod Ø20 mm h 500 mm



OPTIONAL  
Accessory

F026Z050030

Visor



OPTIONAL  
Accessory

F026Z060000

Honeycomb Louvre



OPTIONAL  
Accessory

F029Z020000

Converter Spine 2 Optic Medium  
Flood



OPTIONAL  
Accessory

F029Z021000

Converter Spine 2 Optic Flood



OPTIONAL  
Accessory

F029Z022000

Converter Spine 2 Optic Wide  
Flood



OPTIONAL  
Accessory

F029Z023000

Converter Spine 2 Optic Elliptic 1



OPTIONAL  
Accessory

F029Z024000

Converter Spine 2 Optic Elliptic 2



OPTIONAL  
Accessory

F029Z025000

Converter Spine 2 Optic Wall