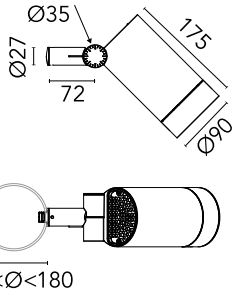
FLOS

F02613AA030 Black

Spine T 2 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 and adjustable 1-10 V or DALI. 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.



Are you a professional and your project needs consulting and support?

BOOK AN APPOINTMENT

Main specifications

EAN	8054793447681
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)	4.1
Source flux (lm)	258
Lumen Output (lm)	239

Physical

Colour	Black
Orientation	Adjustable
Rotation (°)	45
Longitudinal tilting (°)	165
Net weight (kg)	2.5
Package height (mm)	205
Package width (mm)	265
Package length (mm)	290
Package volume (m3)	0.02
IP internal	66

Download

Mounting instructions ZIP

Photometric Files

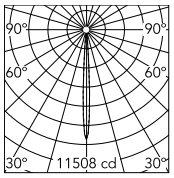
LDT / IES ZIP

Technical Drawings

2D ZIP

3D ZIP

Schematic light drawing



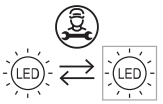
Luminous flux luminaire
239 lm

Beam Angle: 7°

h(m)	E(lx)	D(m)
1	11508	0.12
2	2877	0.23
3	1279	0.35
4	719	0.46
5	460	0.58

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

Photometric

Light distribution	Symmetric
CCT (K)	3000
CRI>	80
Beam angle C0-180 (°)	6
Beam angle C90-270 (°)	6

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.

Accessories & Power Supply

REQUIRED
Pole

FA415033

Pole Ø 102 mm h 5000 mm With Base

REQUIRED
Pole

FA414006

Pole Ø 102 mm h 4000 mm With Base

REQUIRED
Pole

FA415006

Pole Ø 102 mm h 5000 mm With Base

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

FA415506

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

REQUIRED
Pole

FA414533

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

REQUIRED
Pole

FA414033

Pole Ø 102 mm h 4000 mm With Base

REQUIRED
Pole

FA415533

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

REQUIRED
Pole

FA414506

Pole Ø 102 mm h 4000 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

F990C010000

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

OPTIONAL
Accessory

F990C00A000

2 way terminal block 4 poles IP68 H20 stop. (ø5,5÷12mm cable)

OPTIONAL
Accessory

F990G300000

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

OPTIONAL
Accessory

F029Z024000

Converter Spine 2 Optic Elliptic 2

OPTIONAL
Accessory

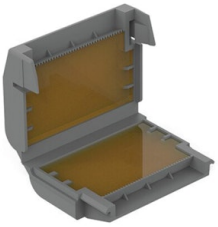
FA116

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

OPTIONAL
Accessory

F029Z022000

Converter Spine 2 Optic Wide Flood



OPTIONAL
Accessory

F990C110000

Gelbox IPX8 for splicing connectors

OPTIONAL
Accessory

F026Z060000

Honeycomb Louvre

OPTIONAL
Accessory

F029Z021000

Converter Spine 2 Optic Flood

OPTIONAL
Accessory

F029Z020000

Converter Spine 2 Optic Medium Flood

OPTIONAL
Accessory

F029Z023000

Converter Spine 2 Optic Elliptic 1

OPTIONAL
Accessory

F029Z025000

Converter Spine 2 Optic Wall

OPTIONAL
Accessory

F026Z050030

Visor