

# FLOS

06.5070.05 Polished Aluminium

## The Tracking Magnet Suspension Up&Down Profile Casambi / On Board Dimmer compatible

Designed by FLOS Architectural, 2018



Electrical/mechanical profile for suspended installations.

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### Main specifications

|                        |                     |
|------------------------|---------------------|
| Mounting               | Suspension          |
| Environments           | Indoor dry location |
| Light source type      | LED                 |
| Light sources included | Yes                 |
| LED type               | Top LED             |
| Lamp category          | LED                 |
| Number of lamps        | 1                   |
| Power (W)              | 6.5                 |
| System power (W)       | 6.8                 |
| Source flux (lm)       | 665.36              |
| Lumen Output (lm)      | 419                 |
| Efficacy (lm/W)        | 61.62               |

### Physical

|                 |                    |
|-----------------|--------------------|
| Colour          | Polished Aluminium |
| Trim            | No                 |
| Field cuttable  | No                 |
| Length (mm)     | 1000               |
| Net weight (kg) | 1.4                |
| IP internal     | 20                 |
| IP external     | 20                 |



### Download

[Mounting instructions](#)  ZIP

### Photometric Files

[LDT / IES](#)  ZIP

### Technical Drawings

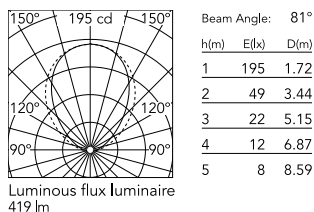
[2D](#)  ZIP

[3D](#)  ZIP

[Bim](#)  ZIP



## Schematic light drawing



### Photometric

|                          |                            |
|--------------------------|----------------------------|
| Lighting type            | Indirect                   |
| Light distribution       | Asymmetric                 |
| CCT (K)                  | 3000                       |
| CRI>                     | 90                         |
| McAdam steps (SDCM)      | 2                          |
| LED Life / Failure Ratio | L80B50 > 50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 81                         |
| Beam angle C90-270 (°)   | 96                         |
| UGR <sub>L</sub>         | <10                        |

### Electrical

|                     |                        |
|---------------------|------------------------|
| Insulation class    | III                    |
| Forward voltage (V) | 48                     |
| LED current (mA)    | 140                    |
| Power supply        | Remote                 |
| Dimmable            | Yes                    |
| Power supply type   | Non Dimmable, Dimmable |
| Emergency           | No                     |

### Notes

The linear elements in the Up&Down version include indirect LED lighting in the upper part of the profile. The magnetic profile and the Up lighting must be powered with the same equipment. Version compatible with "On board dimmer" luminaires and version compatible with system controlled luminaires (DALI, 1-10V, FLOS SMART CONTROL) available. Corners, connectors and accessories common for the two profile versions. Both versions have lengths of 1m-3m. The profiles cannot be cut. The covers must be ordered separately. 3m power cable included in all the linear power products. Suspension accessories (steel cable and rods) should be ordered separately. 90° corners available in the same plan (symmetrical element for left and right corners), common in Up&Down and Down versions. Not provided for connection to driver. The corners of the Suspended versions of Tracking Magnet do not have indirect lighting. Indirect lighting is controlled with a common circuit to the direct lighting.

## Accessories & Power Supply



REQUIRED  
Accessory

06.5026.05

The Tracking Magnet Suspension  
Up&Down Profile End Caps



REQUIRED  
Accessory

Electrical

08.0612.14

The Tracking Magnet Profile  
Intermediate Connector Straight



REQUIRED  
Power supply

Electrical

60.9170

LED power supply source for  
remote installation, 48V/120W.  
220/240 Vac



REQUIRED  
Control interface

Electrical

60.9395

LED module 1/10V dimmable  
control unit for 12 to 48V  
equipment.



REQUIRED  
Control interface

Electrical

60.9678A

LED module Dali/Push dimmable  
control unit for 12, 24 or 48Vdc

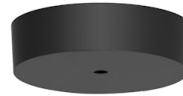


REQUIRED  
Accessory

Installation

08.8634.00

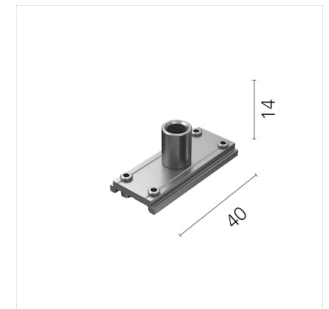
4m suspension steel cable



REQUIRED  
Accessory

08.8883.14A

Canopy surface Black, Power  
Supply not included order  
separately

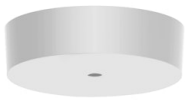


REQUIRED  
Accessory

Installation

08.0627.00

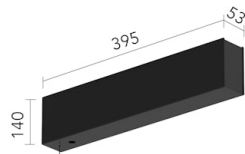
Intermediate suspension kit for  
joining profiles



REQUIRED  
Accessory

08.8883.40A

Canopy surface White, Power Supply not included order separately



REQUIRED  
Power supply

Electrical

08.0632.40A

Surface power supply with driver included 320W / 48Vdc. DALI / No dim.



REQUIRED  
Electrical

06.1988.40

Multifunction Smart Device for Tracking Magnet & Infra-Structure



REQUIRED  
Power supply

Electrical

60.9607

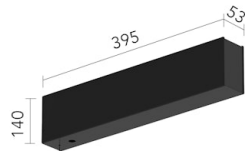
LED power supply source for remote installation, 110Vac-150W / 220Vac-200W



REQUIRED  
Electrical

06.1988.14

Multifunction Smart Device for Tracking Magnet & Infra-Structure



REQUIRED  
Power supply

Electrical

08.0632.14A

Surface power supply with driver included 320W / 48Vdc. DALI / No dim.



REQUIRED  
Electrical

08.8889.14

Recessed power supply rose



REQUIRED  
Electrical

08.8889.40

Recessed power supply rose



REQUIRED  
Accessory

Installation

60.3014.11

Suspension rod with 1m rose. M6 thread



REQUIRED  
Power supply

Electrical

60.8919

LED Power Supply Source for remote installation. 48V/320W. 100/240 Vac

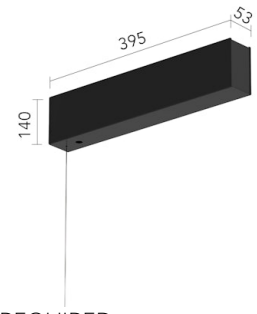


REQUIRED  
Accessory

Installation

60.3014.14

1 m suspension rod with ceiling rose kit. M6 thread



REQUIRED  
Power supply

Electrical

08.0631.40A

Surface power supply with driver included 320W / 48Vdc. 1-10V / 0-10V / No dim.

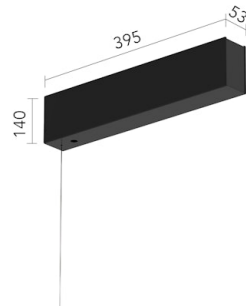


REQUIRED  
Accessory

Installation

60.3097.11

1 m suspension rod with ceiling rose with m6 thread



REQUIRED  
Power supply

Electrical

08.0631.14A

Surface power supply with driver included 320W / 48Vdc. 1-10V / 0-10V / No dim.



REQUIRED  
Accessory

Installation

60.3097.14

1 m suspension rod extension set with m6 thread



REQUIRED  
Accessory

Electrical

08.0626.00

Power connector