

## The Tracking Magnet Suspension Up&Down Profile Casambi / Dali / 1-10V compatible

Designed by FLOS Architectural, 2017



Electrical/mechanical profile for suspended installations.

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

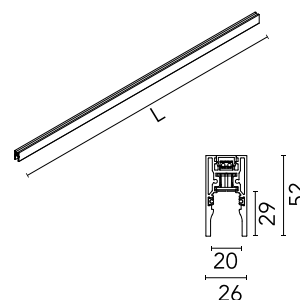
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### Main specifications

|                        |                     |
|------------------------|---------------------|
| Mounting               | Suspension          |
| Environments           | Indoor dry location |
| Light sources included | no                  |
| 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

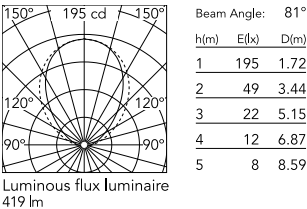
### Technical Drawings

[2D](#)  ZIP

[3D](#)  ZIP



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                         |
| Extreme cut off          | No                         |
| UGR <sub>L</sub>         | <10                        |

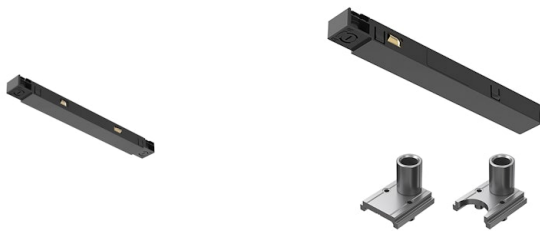
Electrical

|                     |                        |
|---------------------|------------------------|
| Insulation class    | III                    |
| Forward voltage (V) | 48                     |
| LED current (mA)    | 70                     |
| Power supply        | Remote excluded        |
| 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" luminaries and version compatible with system controlled luminaries (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  
Electrical

08.0612.14  
The Tracking Magnet Profile  
Intermediate Connector Straight

REQUIRED  
Accessory  
Electrical

08.0626.00  
Power connector



REQUIRED  
Electrical

08.8889.40  
Recessed power supply rose



REQUIRED  
Accessory  
08.8883.40A

Canopy surface White, Power  
Supply not included order  
separately



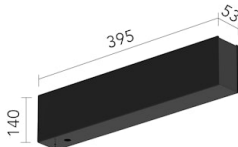
REQUIRED  
Electrical

06.1988.14  
Multifunction Smart Device for  
Tracking Magnet & Infra-Structure



REQUIRED  
Electrical

06.1988.40  
Multifunction Smart Device for  
Tracking Magnet & Infra-Structure



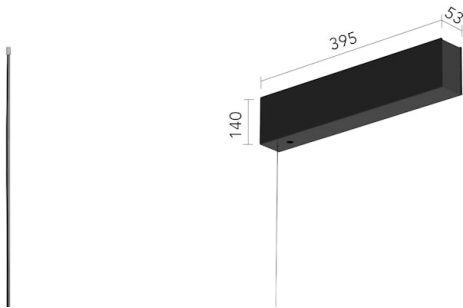
REQUIRED  
Power supply  
Electrical

08.0632.14A  
Surface power supply with driver  
included 320W / 48Vdc. DALI / No  
dim.



REQUIRED  
Power supply  
Electrical

60.9170  
LED power supply source for  
remote installation, 48V/120W.  
220/240 Vac

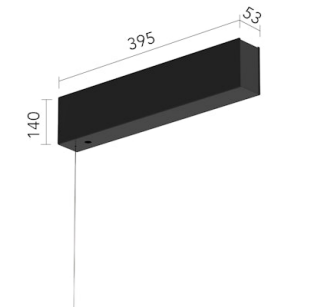


REQUIRED  
Accessory

Installation

60.3097.14

1 m suspension rod extension set  
with m6 thread



REQUIRED  
Power supply

Electrical

08.0632.40A

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

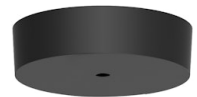


REQUIRED  
Accessory

Installation

60.3097.11

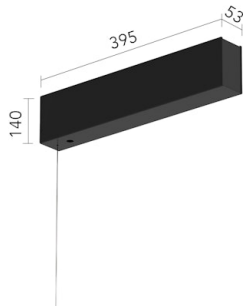
1 m suspension rod with ceiling  
rose with m6 thread



REQUIRED  
Accessory

08.8883.14A

Canopy surface Black, Power  
Supply not included order  
separately



REQUIRED  
Power supply

Electrical

08.0631.14A

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



REQUIRED  
Electrical

08.8889.14

Recessed power supply rose



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  
Power supply

Electrical

60.9607

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

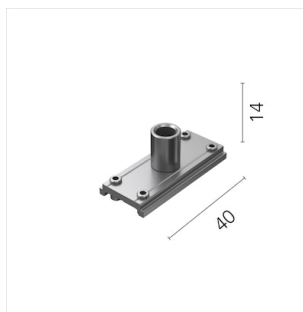


REQUIRED  
Control interface

Electrical

60.9395

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



REQUIRED  
Accessory

Installation

08.0627.00

Intermediate suspension kit for joining profiles

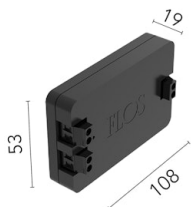


REQUIRED  
Power supply

Electrical

60.8919

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

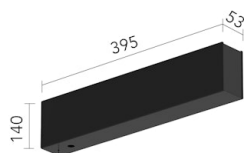


REQUIRED  
Power supply

Electrical

08.0613.14A

Dimmable control box 1-10V, 24/48V. For remote installation.



REQUIRED  
Power supply

Electrical

08.0631.40A

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