

## 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?

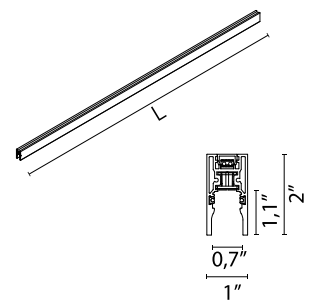
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### Main specifications

|                        |                     |
|------------------------|---------------------|
| Mounting               | Suspension          |
| Environments           | Indoor dry location |
| Light sources included | no                  |
| LED type               | Top LED             |
| Lamp category          | LED                 |
| Number of lamps        | 1                   |
| Power (W)              | 13                  |
| System power (W)       | 13.1                |
| Source flux (lm)       | 1330.72             |
| System flux (lm)       | 838                 |
| Efficacy (lm/W)        | 63.97               |

### Physical

|                 |       |
|-----------------|-------|
| Color           | White |
| Trim            | No    |
| Field cuttable  | No    |
| Length (in)     | 78.74 |
| Net weight (lb) | 6.15  |
| IP internal     | 20    |
| IP external     | 20    |



### Download

- [Family spec sheet](#)  ZIP
- [Mounting instructions](#)  ZIP

### Photometric Files

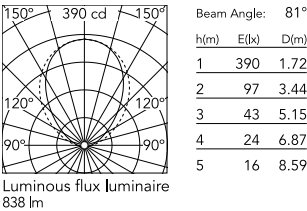
- [LDT / IES](#)  ZIP

### Technical Drawings

- [2D](#)  ZIP
- [3D](#)  ZIP



Schematic light drawing



Photometric

|                          |                            |
|--------------------------|----------------------------|
| Lighting type            | Indirect                   |
| Light distribution       | Asymmetric                 |
| CCT (K)                  | 3000                       |
| CRI>                     | 80                         |
| 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)    | 70                     |
| Driver              | Remote excluded        |
| Dimmable            | Yes                    |
| Dimming type        | Non Dimmable, Dimmable |
| Emergency type      | 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  
Power supply

LEDSB60W48V-NDM-U01  
LED Driver, 48VDC, 60W, Non-Dimming, 120-277V



REQUIRED  
Power supply

LEDSB60W48V-NDM-D01  
LED Driver, 48VDC, 60W, Non-Dimming, 120-277V



REQUIRED  
Power supply

Electrical  
LEDSB30W48V-NDM-D01  
LED power supply source for remote installation, 48V/30W



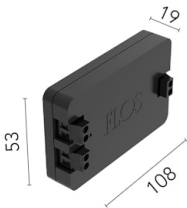
REQUIRED  
Power supply

LEDSB40W48V-NDM-U01  
LED Driver, 48VDC, 40W, Non-Dimming, 120-277V



REQUIRED  
Power supply

LEDSB96W48V-NDM-D01  
LED Driver, 48VDC, 96W, Non-Dimming, 120-277V



REQUIRED  
Power supply

Electrical  
08.0613.14A  
Dimmable control box 1-10V, 24/48V. For remote installation.



REQUIRED  
Accessory

06.5026.40  
The Tracking Magnet Suspension Up&Down Profile End Caps



REQUIRED  
Accessory

Electrical  
08.0612.14  
The Tracking Magnet Profile Intermediate Connector Straight



REQUIRED  
Accessory

Installation

08.8634.00

4m suspension steel cable



REQUIRED  
Accessory

Installation

60.3014.11

Suspension rod with 1m rose.  
M6 thread



REQUIRED  
Accessory

Installation

60.3014.14

1 m suspension rod with ceiling  
rose kit. M6 thread

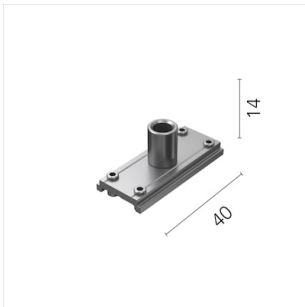


REQUIRED  
Accessory

Electrical

08.0626.00

Power connector



REQUIRED  
Accessory

Installation

08.0627.00

Intermediate suspension kit for  
joining profiles



REQUIRED  
Accessory

Installation

60.3097.11

1 m suspension rod with ceiling  
rose with m6 thread



REQUIRED  
Accessory

Installation

60.3097.14

1 m suspension rod extension  
set with m6 thread



REQUIRED  
Power supply

LEDSB96W48V-NDM-U01

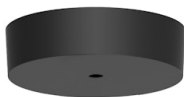
LED Driver, 48VDC, 96W, Non-  
Dimming, 120-277V



REQUIRED  
Accessory

08.8883.40A

Canopy surface White, Power  
Supply not included order  
separately



REQUIRED  
Accessory

08.8883.14A

Canopy surface Black, Power  
Supply not included order  
separately