FLOS

03.8042.05B Polished Aluminium

Spot 90 On Board Dimmer

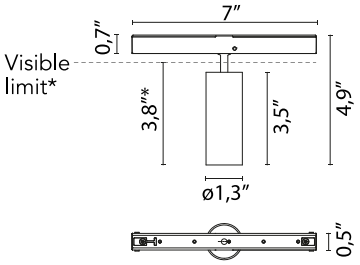
Designed by FLOS Architectural, 2017

LED - Power LED - 8.5W - 428lm - 2700K - CRI> 90 - Beam° 14

Accent lighting LED module.

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

BOOK AN APPOINTMENT



*installed in The Tracking Magnet

Main specifications

Mounting	Track
Environments	Indoor dry location
Light Source Type	LED
Light sources included	Yes
LED type	Power LED
Lamp category	LED
Number of lamps	1
Power (W)	8.5
System power (W)	8.5
Source flux (lm)	610
System flux (lm)	428
Efficacy (lm/W)	50.35

Physical

Color	Polished Aluminium
Trim	No
Orientation	Adjustable
Rotation (°)	360
Longitudinal tilting (°)	90
Length (in)	7.01
IP internal	20

Download

Family spec sheet	ZIP
Mounting instructions	PDF

Photometric Files

LDT / IES	ZIP

Technical Drawings

2D	ZIP
3D	ZIP

RG IEC 62471

GWT 850°

IP 20

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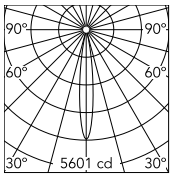
Schematic light drawing

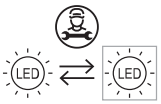


Luminous flux luminaire
428 lm (EXTREME CUT OFF)

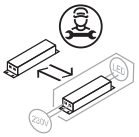
Beam Angle: 14°

h(m)	E(lx)	D(m)
1	5601	0.25
2	1400	0.49
3	622	0.74
4	350	0.98
5	224	1.23

Ecodesign and Energy Labelling



Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

Photometric

Lighting type	Direct
Light distribution	Symmetric
CCT (K)	2700
CRI>	90
McAdam steps (SDCM)	2
LED Life / Failure Ratio	L80B50 > 50.000h (Tc=85°C)
Beam angle C0-180 (°)	14
Beam angle C90-270 (°)	14
Extreme cut off	No
UGRL	<10

Electrical

Insulation class	III
Forward voltage (V)	48
LED current (mA)	600
Driver	Remote excluded
Dimmable	Yes
Dimming type	Dimmer on board
Dimming range (%)	30-100
Dimming interface	Dimmer Integrated

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