FLOS

05.7459.GL Gold

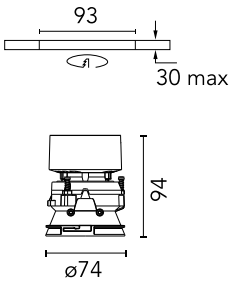
Kap Ø 80 Plus Adjustable Optic Spot

UPGRADE

Designed by FLOS Architectural, 2019

LED - LED array - 13W - 1026lm - 2700K - CRI> 90 - Beam° 19

Recessed luminaire with LED light source. Power supply not included. Diffusing lens included.



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

BOOK AN APPOINTMENT

Main specifications

Mounting	Ceiling recessed
Environments	Indoor dry location
Light Source Type	LED
LED type	LED array
Lamp category	LED
Number of heads	1
Power (W)	13
System power (W)	13.4
Source flux (lm)	1342.42
System flux (lm)	1026
Efficacy (lm/W)	76

Physical

Colour	Gold
Trim	No
Orientation	Adjustable
Rotation (°)	360
Longitudinal tilting (°)	20
Transversal tilting (°)	20
Recessed depth (mm)	150
Spot diameter (mm)	74
Net weight (kg)	0.24
Package height (mm)	9
Package width (mm)	10.5
Package length (mm)	14
IP internal	20
IP external	54

Download

Mounting instructions PDF

Photometric Files

LDT / IES ZIP

Technical Drawings

2D ZIP

3D ZIP

Bim ZIP

RG 1 IEC 62471

GWT 850°

IP 54

https://professional.flos.com/en/global/product/kap-80-plus-adjustable-optic-spot-05.7459.gl/ 05.7459.GL

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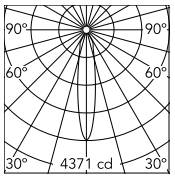
Schematic light drawing

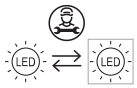


Luminous flux luminaire
1026 lm (EXTREME CUT OFF)

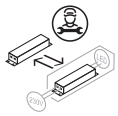
Beam Angle: 19°

h(m)	E(lx)	D(m)
1	4371	0.33
2	1093	0.66
3	486	0.99
4	273	1.32
5	175	1.65

Ecodesign and Energy Labelling



Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

Photometric

Light distribution	Symmetric
CCT (K)	2700
CRI>	90
McAdam steps (SDCM)	3
LED Life / Failure Ratio	L80B50
Beam angle C0-180 (°)	19
Beam angle C90-270 (°)	19
UGR_L	<16

Electrical

Insulation class	III
Frequency (Hz)	0
Forward voltage (V)	17.8
LED current (mA)	700
Power Supply	Remote excluded
Dimmable	Yes
Power Supply Type	Non Dimmable, Dimmable DALI 2, Dimmable 0-10V, Dimmable Casambi, Dimmable 1-10V, Dimmable DALI 1, Mains Cut Dimming
Emergency type	No

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Accessories & Power Supply

REQUIRED
Power supply

Electrical

60.9826

Continuous current power supply of 12-20W, 110/240V - 50/60Hz with power current selected through DIP-switch 350mA - 15W / 500mA - 21W / 600mA - 26W / 700mA - 30W dimmable Dali 1, Dali 2 & PUSH

REQUIRED
Frame

Installation

08.9102.00

Installation frame No Trim

REQUIRED
Power supply

Electrical

60.9188

Continuous current power supply of 13-20W, 110*/240V - 50/60Hz with current selected through adjustable 200 mA - 13W / 300 mA - 15W / 350 mA - 18W / 400 / 450 / 500 / 550 / 600 / 650 / 700 / 750 / 800 / 850 / 900 mA - 20W. switch. 0/1-10V or push.

REQUIRED
Power supply

Electrical

60.9207

Continuous current power supply, dimmable Casambi, 220/240V - 50/60Hz, 300mA - 16W / 350mA - 18,5W / 400mA - 21,5W / 450 mA - 24W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700 mA - 36W /750 /800 /900 /1000 /1050 /1200 mA - 38W.

REQUIRED
Power supply

Electrical

60.9467

REQUIRED
Power supply

Electrical

60.9592

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20W Constant current power supply, AC phase-cut adjustable, trailing & leading edge dimming (mains dimming), 220/240V - 50/60Hz, with dip-switch programmable power supply current. Output current: 900mA - 20W / 850mA - 20W / 800mA - 20W / 750mA - 20W / ...

Non dimmable continuous current power supply. 15-30W, 220/240V -50/60Hz with power current selected through adjustable switch. 350mA - 15W / 400mA - 17W / 450mA - 19W / 500mA - 22W / 550mA - 24W / 600mA - 26W / 650mA - 28W / 700mA - 30W.

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