

# FLOS

05.7465.74 Black

## Kap 80 Plus Square Adjustable Optic Flood

Designed by FLOS Architectural, 2019

LED - LED array - 13W - 950lm - 2700K - CRI> 90 - Beam° 55

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



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

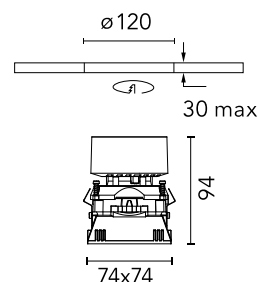
BOOK AN APPOINTMENT

### Main specifications

|                        |                     |
|------------------------|---------------------|
| Mounting               | Ceiling recessed    |
| Environments           | Indoor dry location |
| Light source type      | LED                 |
| Light sources included | Yes                 |
| LED type               | LED array           |
| Lamp category          | LED                 |
| Number of lamps        | 1                   |
| Power (W)              | 13                  |
| System power (W)       | 13.4                |
| Source flux (lm)       | 1342                |
| Lumen Output (lm)      | 950                 |
| Efficacy (lm/W)        | 70                  |

### Physical

|                          |            |
|--------------------------|------------|
| Colour                   | Black      |
| Trim                     | No         |
| Orientation              | Adjustable |
| Rotation (°)             | 360        |
| Longitudinal tilting (°) | 20         |
| Transversal tilting (°)  | 20         |
| Recessed depth (mm)      | 150        |
| Spot diameter (mm)       | 74         |
| Length (mm)              | 74         |
| Net weight (kg)          | 0.24       |
| Package height (mm)      | 90         |
| Package width (mm)       | 105        |
| Package length (mm)      | 140        |
| IP internal              | 20         |
| IP external              | 54         |



### Download

Mounting instructions [Download PDF](#)

Item information [Download JPG](#)

### Photometric Files

LDT / IES [Download ZIP](#)

### Technical Drawings

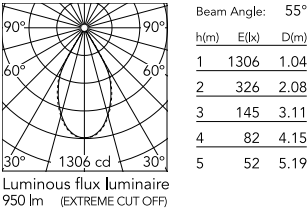
2D [Download ZIP](#)

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Schematic light drawing



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 > 50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 55                         |
| Beam angle C90-270 (°)   | 55                         |
| UGR <sub>L</sub>         | <19                        |

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,<br>Dimmable DALI 2,<br>Dimmable 0-10V,<br>Dimmable Casambi,<br>Dimmable 1-10V,<br>Dimmable DALI 1,<br>Mains Cut Dimming |

Accessories & Power Supply



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

60.9592

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.

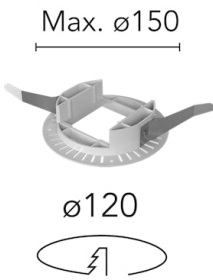


REQUIRED  
Power supply

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

08.9103.00

Installation frame No Trim



REQUIRED  
Power supply

Electrical

60.9207



REQUIRED  
Power supply

Electrical

60.9467

Casambi continuous current  
power supply, dimmable  
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.

Mains dimming 20W Constant  
current power supply, AC phase-  
cut adjustable, trailing & leading  
edge dimming, 220/240V -  
50/60Hz, with dip-switch  
programmable power supply  
current. Output current: 900mA -  
20W / 850mA - 20W / 800mA -  
20W / 750mA - 20W / 70...