

## Kap 80 Plus Square Fixed Optic Medium

Designed by FLOS Architectural, 2019

LED - LED array - 13W - 827lm - 2700K - CRI> 90 - Beam° 25

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



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

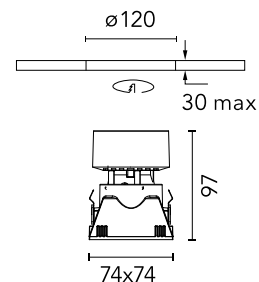
BOOK AN APPOINTMENT

### 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)      | 827                 |
| Efficacy (lm/W)        | 61                  |

### Physical

|                     |       |
|---------------------|-------|
| Colour              | Black |
| Trim                | No    |
| Orientation         | Fixed |
| 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) | 145   |
| IP internal         | 20    |
| IP external         | 54    |



### Download

Mounting instructions [Download PDF](#)

Item information [Download JPG](#)

### Photometric Files

LDT / IES [Download ZIP](#)

### Technical Drawings

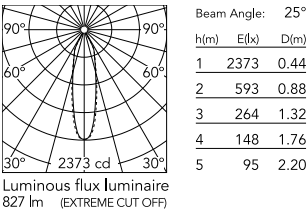
2D [Download ZIP](#)

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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

|                          |                            |
|--------------------------|----------------------------|
| Lighting type            | Direct                     |
| 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 (°)    | 25                         |
| Beam angle C90-270 (°)   | 25                         |
| UGR <sub>L</sub>         | <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 Casambi, Mains Cut Dimming, Dimmable 0-10V, Dimmable DALI 2, Dimmable 1-10V, Dimmable DALI 1 |

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

60.9207  
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.



REQUIRED  
Power supply  
Electrical

60.9467  
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...



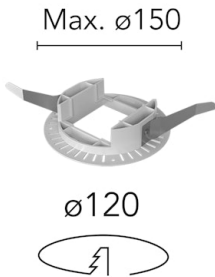
REQUIRED  
Power supply  
Electrical

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