

## Kap 80 Square Fixed Optic Flood

Designed by FLOS Architectural, 2017



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

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

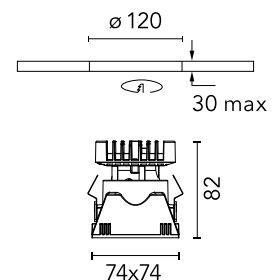
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### Main specifications

|                        |                     |
|------------------------|---------------------|
| 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)              | 9.2                 |
| System power (W)       | 9.2                 |
| Source flux (lm)       | 957                 |
| Lumen Output (lm)      | 732                 |
| Efficacy (lm/W)        | 79                  |

### Physical

|                     |       |
|---------------------|-------|
| Colour              | Gold  |
| Trim                | No    |
| Orientation         | Fixed |
| Recessed depth (mm) | 93    |
| Spot diameter (mm)  | 74    |
| Length (mm)         | 74    |
| Net weight (kg)     | 0.24  |
| Package height (mm) | 90    |
| Package width (mm)  | 140   |
| Package length (mm) | 105   |
| IP internal         | 20    |
| IP external         | 54    |



### Download

|                       |                       |
|-----------------------|-----------------------|
| Mounting instructions | <a href="#">↓ PDF</a> |
| Item information      | <a href="#">↓ JPG</a> |

### Photometric Files

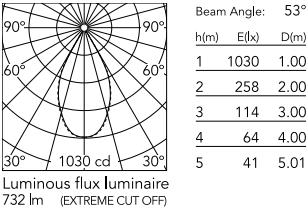
|           |                       |
|-----------|-----------------------|
| LDT / IES | <a href="#">↓ ZIP</a> |
|-----------|-----------------------|

### Technical Drawings

|     |                       |
|-----|-----------------------|
| 2D  | <a href="#">↓ ZIP</a> |
| 3D  | <a href="#">↓ ZIP</a> |
| Bim | <a href="#">↓ ZIP</a> |



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)                  | 3000                       |
| CRI>                     | 90                         |
| McAdam steps (SDCM)      | 3                          |
| LED Life / Failure Ratio | L80B50 > 50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 53                         |
| Beam angle C90-270 (°)   | 53                         |
| UGR <sub>L</sub>         | <16                        |

Electrical

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Insulation class    | III                                                                                                                                   |
| Frequency (Hz)      | 0                                                                                                                                     |
| Forward voltage (V) | 18.2                                                                                                                                  |
| LED current (mA)    | 500                                                                                                                                   |
| Power supply        | Remote excluded                                                                                                                       |
| Dimmable            | Yes                                                                                                                                   |
| Power supply type   | Non Dimmable,<br>Dimmable Casambi,<br>Mains Cut Dimming,<br>Dimmable 0-10V,<br>Dimmable DALI 2,<br>Dimmable 1-10V,<br>Dimmable DALI 1 |

Notes

Diffusing lens included.

Accessories & Power Supply



REQUIRED  
Power supply

Electrical

60.9768

Non dimmable continuous current power supply of 220/240V - 50/60Hz with power current selected through adjustable with DIP-switch 350 mA - 7,3W / 400mA - 8,4W / 450 mA - 9,4W / 500 mA - 10,5W



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

60.9467

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

60.9826

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  
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.

Max. ø150



ø120



REQUIRED  
Frame

Installation

08.9103.00

Installation frame No Trim