

# FLOS

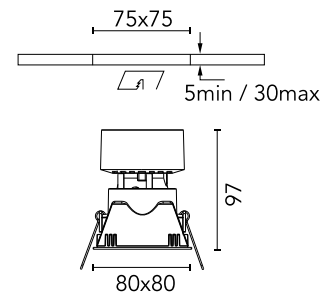
05.7408.B1 White

## Easy Kap 80 Plus Square Fixed Optic Flood

Designed by FLOS Architectural, 2019

LED - LED array - 13W - 1099lm - 3000K - CRI> 90 - Beam° 55

Recessed luminaire with LED light source. Power supply not included. Installation frame not necessary. Diffusing lens 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)              | 13                  |
| System power (W)       | 13.4                |
| Source flux (lm)       | 1397                |
| Lumen Output (lm)      | 1099                |
| Efficacy (lm/W)        | 82                  |

### Physical

|                     |       |
|---------------------|-------|
| Colour              | White |
| Trim                | Yes   |
| Orientation         | Fixed |
| Recessed depth (mm) | 150   |
| Bezel diameter (mm) | 80    |
| Spot diameter (mm)  | 80    |
| Length (mm)         | 80    |
| Net weight (kg)     | 0.24  |
| Package height (mm) | 90    |
| Package width (mm)  | 125   |
| Package length (mm) | 145   |
| IP internal         | 20    |
| IP external         | 54    |

### Download

[Mounting instructions](#)  PDF

[Item information](#)  JPG

### Photometric Files

[LDT / IES](#)  ZIP

### Technical Drawings

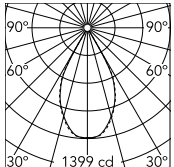
[2D](#)  ZIP

[3D](#)  ZIP

[Bim](#)  ZIP



## Schematic light drawing



Beam Angle: 55°

| h(m) | E(lx) | D(m) |
|------|-------|------|
| 1    | 1399  | 1.03 |
| 2    | 350   | 2.07 |
| 3    | 155   | 3.10 |
| 4    | 87    | 4.14 |
| 5    | 56    | 5.17 |

Luminous flux luminaire  
1099 lm (EXTREME CUT OFF)

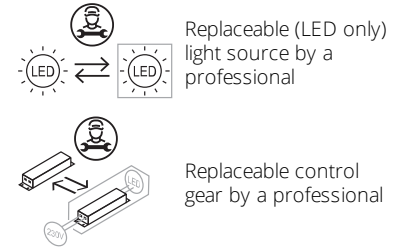
## Photometric

|                          |                            |
|--------------------------|----------------------------|
| 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 (°)    | 55                         |
| Beam angle C90-270 (°)   | 55                         |

## 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 |

## Ecodesign and Energy Labelling



## 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  
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...