

FLOS

05.7444.74 Black

Easy Kap 80 Plus Square Adjustable Optic Flood

Designed by FLOS Architectural, 2019

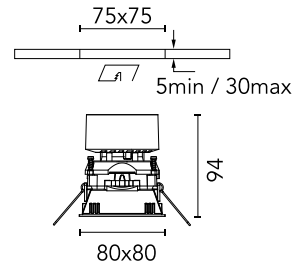
LED - LED array - 13W - 976lm - 3000K - CRI> 90 - Beam° 55



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) | 976 |
| Efficacy (lm/W) | 72 |

Physical

| | |
|--------------------------|------------|
| Colour | Black |
| Trim | Yes |
| Orientation | Adjustable |
| Rotation (°) | 360 |
| Longitudinal tilting (°) | 20 |
| Transversal tilting (°) | 20 |
| 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 |

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[Mounting instructions](#) PDF

[Item information](#) JPG

Photometric Files

[LDT / IES](#) ZIP

Technical Drawings

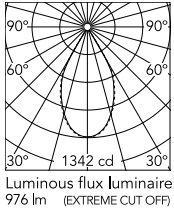
[2D](#) ZIP

[3D](#) ZIP

[Bim](#) ZIP



Schematic light drawing



Beam Angle: 55°

| h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 1342 | 1.04 |
| 2 | 335 | 2.08 |
| 3 | 149 | 3.11 |
| 4 | 84 | 4.15 |
| 5 | 54 | 5.19 |

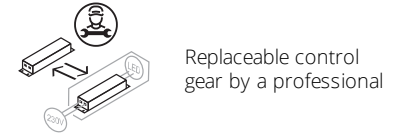
Photometric

| | |
|--------------------------|----------------------------|
| 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 |
| UGR _L | <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, Dimmable DALI 2, Dimmable 0-10V, Dimmable Casambi, Dimmable 1-10V, Dimmable DALI 1, 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...