

Kap 80 Plus Square Fixed Optic Flood

Designed by FLOS Architectural, 2019

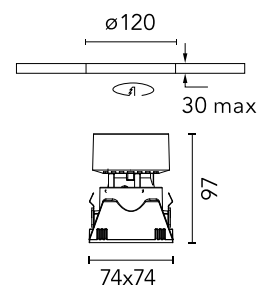
LED - LED array - 13W - 973lm - 3000K - CRI> 90 - Beam° 55

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)	1397
Lumen Output (lm)	973
Efficacy (lm/W)	72

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)	140
IP internal	20
IP external	54

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Mounting instructions [Download PDF](#)

Item information [Download JPG](#)

Photometric Files

LDT / IES [Download ZIP](#)

Technical Drawings

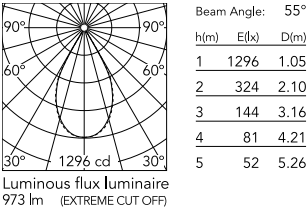
2D [Download ZIP](#)

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Schematic light drawing



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	<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

Ecodesign and Energy Labelling

Replaceable (LED only) light source by a professional

Replaceable control gear by a professional

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

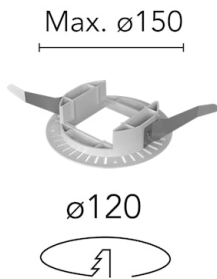
60.9207
Casambi continuous current power supply, dimmable 220/240V - 50/60Hz, 300mA - 16W / 350mA - 18,5W / 400mA - 21,5W / 450 mA - 24W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700 mA - 36W /750 /800 /900 /1000 /1050 /1200 mA - 38W.

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