

FLOS

 03.5959.14 Black/Copper

Kap 80 Surface Square Mains Dimming Optic Flood

Designed by FLOS Architectural, 2017



Luminaire for mounting on the ceiling with LED light source. Power source incorporated into luminaire body. Mains dimming 220/240V (Leading & Trailing Edge).



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

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Main specifications

Mounting	Ceiling surface
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)	11.3
Source flux (lm)	957
Lumen Output (lm)	839

Physical

Colour	Black/Copper
Trim	No
Orientation	Fixed
Length (mm)	80
Net weight (kg)	0.45
Package height (mm)	190
Package width (mm)	220
Package length (mm)	175
IP internal	20

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Mounting instructions  [PDF](#)

Photometric Files

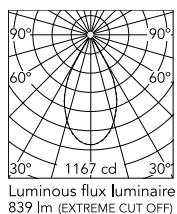
LDT / IES  [ZIP](#)

Technical Drawings

2D  [ZIP](#)
3D  [ZIP](#)



Schematic light drawing



Beam Angle: 53°		
h(m)	E(k)	D(m)
1	1167	0.99
2	292	1.99
3	130	2.98
4	73	3.97
5	47	4.96

Luminous flux luminaire
839 lm (EXTREME CUT OFF)

Photometric

Lighting type	Direct
Light distribution	Symmetric
CCT (K)	3000
CRI>	90
McAdam steps (SDCM)	3
Beam angle C0-180 (°)	52
Beam angle C90-270 (°)	52
Extreme cut off	No
UGR _L	<16

Electrical

Insulation class	I
Frequency (Hz)	50/60
Main voltage (Vac)	220-240
Forward voltage (V)	18.4
Power supply	Integrated
Dimmable	Yes
Power supply type	Mains Cut Dimming

Notes

There may be a 10% variation in the minimum dimming point between different luminaires.