

# FLOS

05.8162.40 White

## Eclectic 90 Adjustable Cone Led Array

Designed by FLOS Architectural, 2022

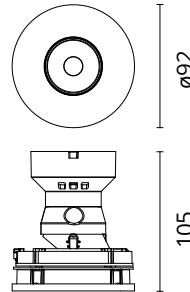


10.5W - 945lm - 3000K - CRI> 90 - Beam° 33

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP20 water tightness (for IP54, please ask the dedicated accessory). Alternative options for lenses, orientation modules and style façades are available as spare parts.

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
Number of lamps	1
Power (W)	10.5
System power (W)	12.6
Lumen Output (lm)	945
Efficacy (lm/W)	90

### Physical

Colour	White
Orientation	Adjustable
Recessed depth (mm)	114
Spot diameter (mm)	95
Length (mm)	95
Net weight (kg)	0.29
Package height (mm)	157
Package width (mm)	210
Package length (mm)	135
IP internal	20

### Download

Mounting instructions [PDF](#)



### Photometric Files

LDT / IES [ZIP](#)



### Technical Drawings

2D [ZIP](#)



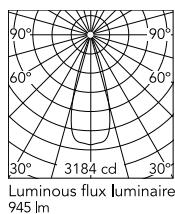
3D [ZIP](#)



BIM [ZIP](#)



## Schematic light drawing



Beam Angle: 34°		
h(m)	E(k)	D(m)
1	3184	0.61
2	796	1.22
3	354	1.82
4	199	2.43
5	127	3.04

## Photometric

Lighting type	Direct
Light distribution	Symmetric
CCT (K)	3000
CRI>	90
McAdam steps (SDCM)	2
Rf fidelity index	92
Rg gamut index	98
LED Life / Failure Ratio	L70B50>55.000h_Tc=85°C
Beam angle C0-180 (°)	33
Beam angle C90-270 (°)	33
UGR <sub>L</sub>	<10

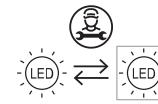
## Electrical

Insulation class	III
LED current (mA)	300
Power supply	Remote
Dimmable	Yes
Power supply type	Dimmable DALI 2, Dimmable 0-10V, Dimmable Casambi, Dimmable Push, Dimmable 1-10V, Mains Cut Dimming

## Ecodesign and Energy

### Labelling

This product contains a light source of energy efficiency class E



Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

## Accessories & Power Supply



### REQUIRED Power supply

#### Electrical

60.9162

Continuous current power supply  
220/240V - 50/60Hz. Adjustable  
Current 300mA-13W / 350mA-  
15W / 400mA-18W / 450mA-  
20W / 500mA-22W / 550mA-  
24W / 600mA-27W / 650mA-  
29W / 700mA-31W / 750mA-  
32W / 800mA-33W / 850mA-  
35W / 900mA-38W / 950mA-  
40W / 1000/1050mA-4...

### REQUIRED Power supply

#### Electrical

60.9160

Non dimmable continuous  
current power supply of  
220/240V - 50/60Hz with power  
current selected through  
adjustable with switch 200 mA -  
8,5W / 250mA - 11W / 300 mA -  
13W / 350 mA - 15W / 400 mA -  
17,5W / 450 mA - 19,5W / 500  
mA - 22W

### REQUIRED Power supply

#### Electrical

60.9208

Continuous current power supply  
of 13-20W - Dim 1-10V&Push -  
110/240V - 50/60Hz with power  
current selected through  
adjustable

### REQUIRED Power supply

#### Electrical

60.9843

Continuous current power supply  
20W, 220/240V - 50/60Hz with  
power current selected through  
adjustable switch. Dimmable 0-  
10V/PWM/RX. Output current:  
500mA - 21W / 450mA - 19W /  
400mA - 17W / 350mA - 15W /  
300mA - 12W / 250mA - 10W.



### REQUIRED Power supply

#### Electrical

60.9713.0300

300mA, 20 W, 220/240 V - 50/60  
Hz constant current power  
supply. Dimmable by DALI2

### REQUIRED Power supply

#### Electrical

60.7678

### REQUIRED Frame

#### Installation

08.0671.14

Trim Frame

### REQUIRED Frame

#### Installation

08.0671.40

Trim Frame

Continuous current supply  
source of 240V - 50/60Hz with  
dimmable Dali 2, Push dimming.  
150mA - 7.8W / 200mA - 10.4W /  
250mA - 13W / 300mA - 15.6W /  
350mA - 18.2W / 400mA - 20.8W  
/ 500mA - 26W / 600mA - 31.2W  
/ 700mA - 36.4W / 750mA - 39W  
/ 800mA - 41.6...



REQUIRED  
Frame  
Installation

08.0673.00

No Trim Frame



REQUIRED  
Power supply  
Electrical

60.7785

Constant current power supply  
42W, 220-240V CASAMBI  
dimmable.



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...



OPTIONAL  
Accessory  
Optical

08.0728.00

Honeycomb for Eclectic 90



OPTIONAL  
Accessory  
Installation

08.0730.00

IP54 Lens for Eclectic 90  
Adjustable



OPTIONAL  
Filter  
Optical

08.0735.00

Colour Temperature Increase  
Filter for Eclectic 90

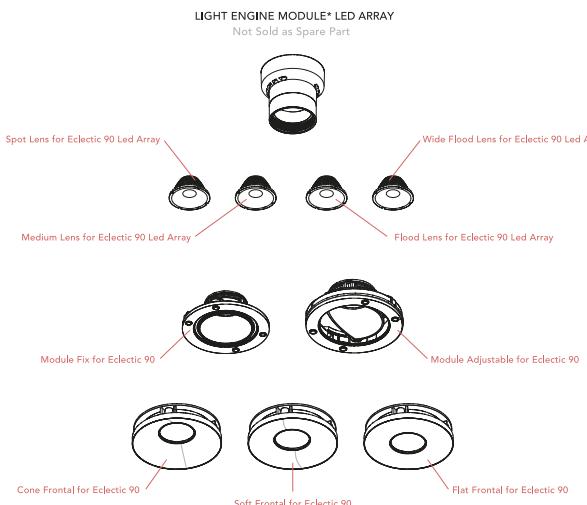


OPTIONAL  
Filter  
Optical

08.0736.00

Colour Temperature Decreaser  
for Eclectic 90

## Spare Parts



Light Engine Module not Sold as Spare Part. Special Orders Please Consult.

Spot Lens for Eclectic 90 Led Array	08.0714.00
Medium Lens for Eclectic 90 Led Array	08.0715.00
Flood Lens for Eclectic 90 Led Array	08.0716.00
Wide Flood Lens for Eclectic 90 Led Array	08.0717.00
Cone Frontal for Eclectic 90	08.0724.14
Cone Frontal for Eclectic 90	08.0724.40
Soft Frontal for Eclectic 90	08.0725.14
Soft Frontal for Eclectic 90	08.0725.40
Flat Frontal for Eclectic 90	08.0726.14
Flat Frontal for Eclectic 90	08.0726.40
Module Fix for Eclectic 90	08.0741.00
Module Adjustable for Eclectic 90	08.0742.00



08.0714.00  
Spot Lens for Eclectic 90 Led  
Array



08.0715.00  
Medium Lens for Eclectic 90 Led  
Array



08.0716.00  
Flood Lens for Eclectic 90 Led  
Array



08.0717.00  
Wide Flood Lens for Eclectic 90  
Led Array



08.0724.14  
Cone Frontal for Eclectic 90



08.0724.40  
Cone Frontal for Eclectic 90



08.0725.14  
Soft Frontal for Eclectic 90



08.0725.40  
Soft Frontal for Eclectic 90



08.0726.14

Flat Frontal for Eclectic 90



08.0726.40

Flat Frontal for Eclectic 90



08.0741.00

Module Fix for Eclectic 90



08.0742.00

Module Adjustable for Eclectic 90