FLOS

05.8102.40.UQ White

Eclectic 90 Fixed Cone Led Array - Non IC
Designed by FLOS Architectural, 2022

9.6W - 849lm - 2700K - CRI> 90 - Beam° 33

Eclectic Ø90. Non-adjustable Downlight. "Cone" style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 41° cut-off angle. IP54 water tightness. 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?

BOOK AN APPOINTMENT

ø3.62"

4"
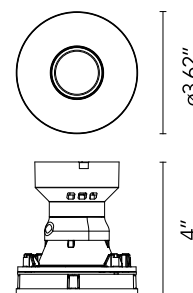
Main specifications

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)	9.6
System flux (lm)	849

Physical

Color	White
Recessed depth (in)	4.49
Net weight (lb)	0.64
Package volume (in)	244.09
IP internal	54

Download

Family spec sheet	⬇ ZIP
Mounting instructions	⬇ PDF

Photometric Files

LDT / IES	⬇ ZIP

Technical Drawings

2D	⬇ ZIP
3D	⬇ ZIP

CE · QCERT · UKCA · UL CERTIFIED US·CA · IP 54

Ecodesign and Energy Labelling

Replaceable (LED only) light source by an end-user

Schematic light drawing

Beam Angle:	33°	
h(m)	E(lx)	D(m)
1	3029	0.59
2	757	1.18
3	337	1.78
4	189	2.37
5	121	2.96

Luminous flux luminaire
849 lm
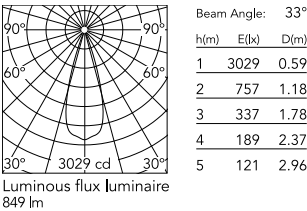
Photometric

Lighting type	Direct
CCT (K)	2700
CRI>	90
McAdam steps (SDCM)	2700
Rf fidelity index	88
Rg gamut index	94
Beam angle C0-180 (°)	33
Beam angle C90-270 (°)	33

Electrical

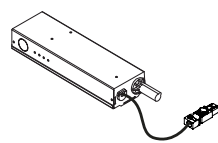|	
Insulation class	II
LED current (mA)	275
Driver	Attached Splice Box

Accessories & Power Supply
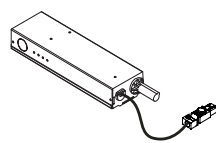
REQUIRED

06.0413.00.90

Splice Box 275mA 1-10V for Eclectic 90

REQUIRED

06.0405.00.90

Splice Box 275mA for Eclectic 90

REQUIRED
Frame

Installation

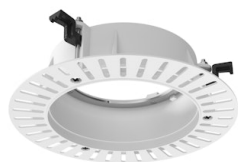08.0671.14

Trim Frame

REQUIRED
Frame

Installation

08.0671.40
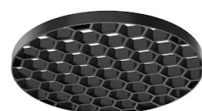
Trim Frame

REQUIRED
Frame

Installation

08.0673.00

No Trim Frame

OPTIONAL
Accessory

Optical

08.0728.00

Honeycomb for Eclectic 90

OPTIONAL
Filter

Optical

08.0735.00

Colour Temperature Increaser Filter for Eclectic 90

OPTIONAL
Filter

Optical

08.0736.00

Colour Temperature Decreaser for Eclectic 90

Spare Parts

.	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