FLOS

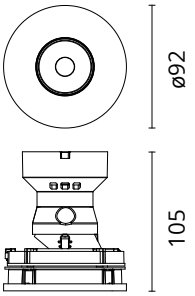
05.8170.40.UQ White

Eclectic 90 Adjustable Flat Led Array - Non IC

Designed by FLOS Architectural, 2022

9.6W - 820lm - 3000K - CRI> 90 - Beam° 15

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). “Flat” style façade. Necessary installation pre-frames, not included (to be ordered separately). Recessed position of the LED: 49° 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?

BOOK AN APPOINTMENT

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)	820

Physical

Color	White
Recessed depth (in)	4.49
Net weight (lb)	0.65
Gross weight (lb)	0.85
Package volume (in)	244.09
IP internal	20
IP external	20

Download

Family spec sheet ZIP

Mounting instructions PDF

Photometric Files

LDT / IES ZIP

Technical Drawings

2D ZIP

3D ZIP

IP 20

Ecodesign and Energy Labelling

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

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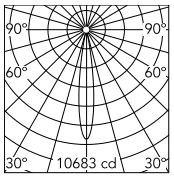
Schematic light drawing



Luminous flux luminaire
820 lm

Beam Angle: 15°

h(m)	E(lx)	D(m)
1	10683	0.27
2	2671	0.53
3	1187	0.80
4	668	1.06
5	427	1.33

Photometric

Lighting type	Direct
CCT (K)	3000
CRI>	90
McAdam steps (SDCM)	3000
Rf fidelity index	92
Rg gamut index	98
LED Life / Failure Ratio	L90B10 > 50.000h
Beam angle C0-180 (°)	15
Beam angle C90-270 (°)	15

Electrical

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

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Accessories & Power Supply

REQUIRED
Frame

ACCESSORYTYPE2

08.0671.14

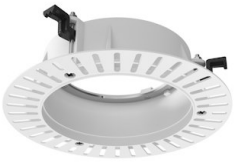
Trim Frame

REQUIRED
Frame

ACCESSORYTYPE2

08.0671.40

Trim Frame

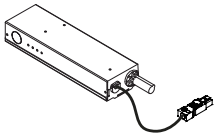


REQUIRED
Frame

ACCESSORYTYPE2

08.0673.00

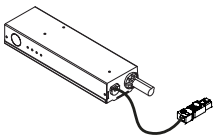
No Trim Frame



REQUIRED

06.0413.00.90

Splice Box 275mA 1-10V for Eclectic 90



REQUIRED

06.0405.00.90

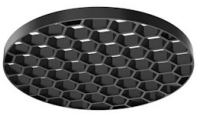
Splice Box 275mA for Eclectic 90

OPTIONAL
Accessory

ACCESSORYTYPE2

08.0730.00

IP54 Lens for Eclectic 90 Adjustable



OPTIONAL
Accessory

ACCESSORYTYPE4

08.0728.00

Honeycomb for Eclectic 90

OPTIONAL
Filter

ACCESSORYTYPE4

08.0735.00

Colour Temperature Increaser Filter for Eclectic 90

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OPTIONAL
Filter

ACCESSORYTYPE4

08.0736.00

Colour Temperature Decreaser
for Eclectic 90

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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

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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

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Cone Frontal for Eclectic 90

08.0725.14

Soft Frontal for Eclectic 90

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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

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