FLOS

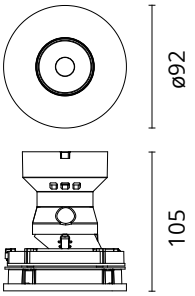
05.8166.40.UQ White

# Eclectic 90 Adjustable Soft Led Array - Non IC

Designed by FLOS Architectural, 2022

9.6W - 865lm - 3000K - CRI> 90 - Beam° 25

Eclectic Ø90. Adjustable Downlight (40° tilt, 360° rotation). “Soft” 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.

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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) | 9.6 |
| System flux (lm) | 865 |

## 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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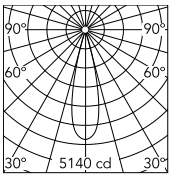
## Schematic light drawing




Luminous flux luminaire
865 lm

Beam Angle: 25°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 5140 | 0.45 |
| 2 | 1285 | 0.89 |
| 3 | 571 | 1.34 |
| 4 | 321 | 1.78 |
| 5 | 206 | 2.23 |

## 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 (°) | 25 |
| Beam angle C90-270 (°) | 25 |

## 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

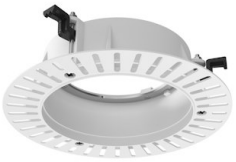
Trim Frame

REQUIRED
Frame

ACCESSORYTYPE2

08.0671.40

Trim Frame

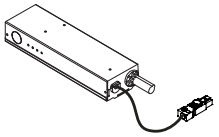


REQUIRED
Frame

ACCESSORYTYPE2

08.0673.00

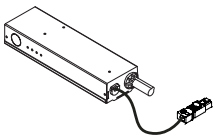
No Trim Frame



REQUIRED

06.0413.00.90

Splice Box 275mA 1-10V for Eclectic 90



REQUIRED

06.0405.00.90

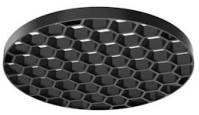
Splice Box 275mA for Eclectic 90

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

08.0724.40

Cone Frontal for Eclectic 90

08.0725.14

Soft Frontal for Eclectic 90

08.0725.40

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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