FLOS

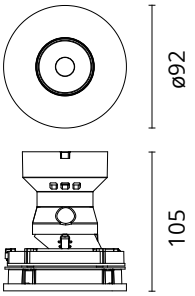
05.8228.14.UQ Black

# Eclectic 90 Adjustable Flat Power Led - Non IC

Designed by FLOS Architectural, 2022

7.3W - 300lm - 2700K - CRI> 90 - Beam° 21

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). Power LED light source*. 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 | Power LED |
| Number of lamps | 1 |
| Power (W) | 7.3 |
| System flux (lm) | 300 |

## Physical

| | |
|---|---|
| Color | Black |
| Recessed depth (in) | 4.49 |
| Net weight (lb) | 0.63 |
| Gross weight (lb) | 0.83 |
| Package volume (in) | 244.09 |
| IP internal | 20 |
| IP external | 20 |

## Download

| | |
|---|---|
| Family spec sheet | ZIP |
| Mounting instructions | PDF |

## Photometric Files

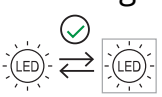
| | |
|---|---|
| LDT / IES | ZIP |

## 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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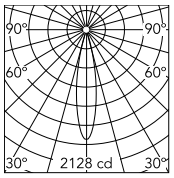
## Schematic light drawing




Luminous flux luminaire
300 lm

Beam Angle: 21°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 2128 | 0.36 |
| 2 | 532 | 0.73 |
| 3 | 236 | 1.09 |
| 4 | 133 | 1.46 |
| 5 | 85 | 1.82 |

## Photometric

| | |
|---|---|
| Lighting type | Direct |
| CCT (K) | 2700 |
| CRI> | 90 |
| McAdam steps (SDCM) | 2700 |
| Rf fidelity index | 88 |
| Rg gamut index | 94 |
| LED Life / Failure Ratio | L80B10 > 50.000h |
| Beam angle C0-180 (°) | 21 |
| Beam angle C90-270 (°) | 21 |

## Electrical

| | |
|---|---|
| Insulation class | II |
| LED current (mA) | 600 |
| Driver | Attached Splice Box |



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## Accessories & Power Supply

REQUIRED
Frame

ACCESSORYTYPE2

08.0671.14

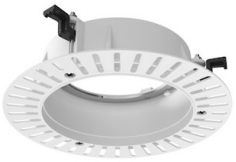
Trim Frame

REQUIRED
Frame

ACCESSORYTYPE2

08.0671.40

Trim Frame

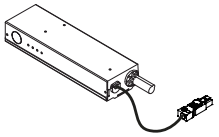


REQUIRED
Frame

ACCESSORYTYPE2

08.0673.00

No Trim Frame



REQUIRED

06.0399.00.90

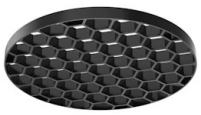
Splice Box 600mA 1-10V for Eclectic 70&90

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

OPTIONAL
Filter

ACCESSORYTYPE4

08.0736.00

Colour Temperature Decreaser for Eclectic 90



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## Spare Parts

| | | |
|---|---|---|
| . | Super Spot Lens for Eclectic 90 Power Led | 08.0718.00 |
| . | Spot Lens for Eclectic 90 Power Led | 08.0719.00 |
| . | Medium Lens for Eclectic 90 Power Led | 08.0720.00 |
| . | 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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08.0718.00

Super Spot Lens for Eclectic 90 Power Led

08.0719.00

Spot Lens for Eclectic 90 Power Led

08.0720.00

Medium Lens for Eclectic 90 Power Led

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



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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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