

# FLOS

F020HTLH033 Anthracite

## Outgraze 35 Easy - Tunable White L 900mm Anthracite

Designed by FLOS Outdoor, 2019



24V remote power supply and installation brackets to be ordered separately.  
Dimmable PWM luminaires. Sandblasted glass.

Are you a professional and your project needs consulting and support?

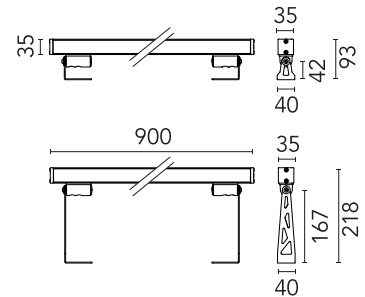
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### Main specifications

|                        |                      |
|------------------------|----------------------|
| EAN                    | 8054793799087        |
| Mounting               | Wall                 |
| Environments           | Outdoor wet location |
| Light source type      | LED                  |
| Light sources included | Yes                  |
| LED type               | Top LED              |
| Number of lamps        | 1                    |
| Power (W)              | 13                   |
| System power (W)       | 13                   |
| Lumen Output (lm)      | 480                  |

### Physical

|                         |            |
|-------------------------|------------|
| Colour                  | Anthracite |
| Trim                    | No         |
| Orientation             | Adjustable |
| Transversal tilting (°) | 180        |
| Length (mm)             | 1200       |
| Net weight (kg)         | 1.85       |
| Package height (mm)     | 970        |
| Package width (mm)      | 120        |
| Package length (mm)     | 120        |
| Package volume (m3)     | 0.01       |
| IP internal             | 66         |
| Drive Over              | No         |



### Download

[Mounting instructions](#) ZIP

### Photometric Files

[LDT / IES](#) ZIP

### Technical Drawings

[2D](#) ZIP

[3D](#) ZIP

[Bim](#) ZIP



## Schematic light drawing



## Photometric

|                        |           |
|------------------------|-----------|
| Lighting type          | Direct    |
| Light distribution     | Symmetric |
| CCT (K)                | 2700-5700 |
| CRI>                   | 80        |
| Beam angle C0-180 (°)  | 90        |
| Beam angle C90-270 (°) | 90        |

## Electrical

|                    |  |
|--------------------|--|
| Insulation class   | III                                      |
| Main voltage (Vac) | 24                                       |
| Power supply       | Remote                                   |
| Dimmable           | Yes                                      |
| Power supply type  | Dimmable DALI PWM,<br>Dimmable 1-10 PWM  |
| Dimming interface  | Remote Dimmable<br>(Dimmer Not Included) |
| Emergency          | No                                       |

## Ecodesign and Energy Labelling



## Notes

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.
- electrostatic discharge (ESD) coming from the environment.

The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.