

FLOS

F020H3LH012 Forest Green

Outgraze 35 Easy L 900 mm Forest Green

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?

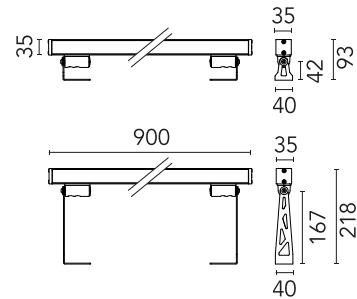
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Main specifications

EAN	8054793339047
Mounting	Wall
Environments	Outdoor wet location
Light source type	LED
Light sources included	Yes
LED type	Power LED
Number of lamps	1
Power (W)	13
Lumen Output (lm)	621

Physical

Colour	Forest Green
Trim	No
Orientation	Adjustable
Transversal tilting (°)	180
Length (mm)	900
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



Download

Mounting instructions [ZIP](#)



Photometric Files

LDT / IES



Technical Drawings

2D



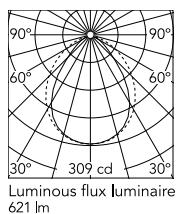
3D



BIM



Schematic light drawing



Beam Angle: 78°		
h(m)	E(k)	D(m)
1	309	1.62
2	77	3.23
3	34	4.85
4	19	6.46
5	12	8.08

Photometric

Light distribution	Symmetric
CCT (K)	3000
CRI>	80
Beam angle C0-180 (°)	90
Beam angle C90-270 (°)	90

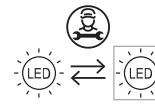
Electrical

Insulation class	III
Frequency (Hz)	50/60
Main voltage (Vac)	24
Power supply	Remote
Dimmable	Yes
Power supply type	Dimmable DALI PWM, Dimmable 1-10 PWM
Dimming interface	Remote Dimmable (Dimmer Not Included)
Emergency	No

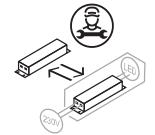
Ecodesign and Energy

Labelling

This product contains a light source of energy efficiency class E



Replaceable (LED only)
light source by a
professional



Replaceable control
gear by a professional

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.

Accessories & Power Supply



REQUIRED Accessory

F990C010000
3/4 way terminal block 4 poles
IP68 H2O stop. (ø5,5÷12mm
cable)

REQUIRED Power supply

F990B27A000
Power supply 24Vdc 70W / 220-
240V IP67 Class I selv. Non
Dimmable

REQUIRED Accessory

F021Z100000
4-pole plug&play connector + 4-
pole cable, 5000 mm length.

REQUIRED Accessory

F021Z010000
Plug&play connector 4 poles



REQUIRED Power supply

F990B07A000
CONTROL INTERFACE 24V PWM -
DALI IP20 CLASS III. Vin 24Vdc
120W (POWER SUPPLY NOT
INCLUDED)

REQUIRED Power supply

F990B14A000
CONTROL INTERFACE 24V PWM -
1..10V IP20 CLASS III. VIN 24Vdc
120W (POWER SUPPLY NOT
INCLUDED)

REQUIRED Accessory

F990C00A000
2 way terminal block 4 poles IP68
H2O stop. (ø5,5÷12mm cable)

REQUIRED Accessory

F1203012
One pair of short brackets L 80
mm. Forest Green



**REQUIRED
Accessory**

F1204012

One pair of long brackets L 200
mm. Forest Green

**REQUIRED
Power supply**

F990B29A000

Power supply 24Vdc 100W /
220-240V IP67 Class I selv. Non
Dimmable

**REQUIRED
Power supply**

F990B28A000

Power supply 24Vdc 50W / 220-
240V IP67 Class I selv. Non
Dimmable