

# FLOS



F018E21KU12 Forest Green

## In Vitro Unplugged

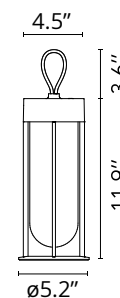
Designed by Philippe Starck, 2020

115lm - 2700K - CRI> 90 - Beam° 106



Portable outdoor lamp emitting direct light through Edge Lighting technology. Aluminium structure with carrying handle. Optical switch sensor on the head enables 4-step dimming: 100% – 50% – 3% – OFF. Provides up to 6 hours of use. Rechargeable via USB-C.

In Vitro Unplugged was designed by Philippe Starck as a smaller, portable version of the In Vitro series, maintaining the same refined aesthetic while offering greater flexibility. Inspired by the idea of a contemporary lantern, it features an elegant, minimal frame that creates the illusion of an empty glass volume illuminated from within. The design captures Philippe Starck's signature blend of minimalism and innovation, bringing a poetic yet highly functional light source to outdoor environments.



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### Main specifications

|                        |                           |
|------------------------|---------------------------|
| EAN                    | 8054793318158             |
| Mounting               | Portable                  |
| Environments           | Outdoor wet location      |
| Light Source Type      | LED                       |
| Light sources included | Yes                       |
| LED type               | LED Module, Edge Lighting |
| Number of lamps        | 1                         |
| System flux (lm)       | 115                       |

### Physical

|                     |              |
|---------------------|--------------|
| Color               | Forest Green |
| Orientation         | Fixed        |
| Net weight (lb)     | 5.14         |
| Gross weight (lb)   | 5.51         |
| Package height (in) | 19.49        |
| Package width (in)  | 8.07         |
| Package length (in) | 7.09         |
| Package volume (in) | 1114.66      |
| IP internal         | 65           |

### Download

Family spec sheet [ZIP](#)

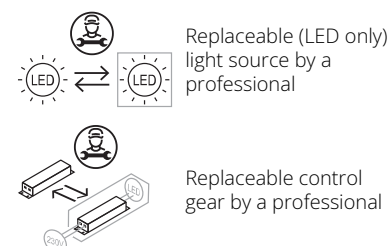
Mounting instructions [ZIP](#)

### Photometric Files

LDT / IES [ZIP](#)

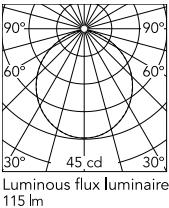
### Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class F





Schematic light drawing



|                  |       |       |
|------------------|-------|-------|
| Beam Angle: 106° |       |       |
| h(m)             | E(lx) | D(m)  |
| 1                | 45    | 2.64  |
| 2                | 11    | 5.29  |
| 3                | 5     | 7.93  |
| 4                | 3     | 10.58 |
| 5                | 2     | 13.22 |

Photometric

|                        |                |
|------------------------|----------------|
| Lighting type          | Direct         |
| Light distribution     | Roto symmetric |
| CCT (K)                | 2700           |
| CRI>                   | 90             |
| Beam angle C0-180 (°)  | 106            |
| Beam angle C90-270 (°) | 106            |
| Extreme cut off        | No             |

Electrical

|                           |                   |
|---------------------------|-------------------|
| Insulation class          | III               |
| Driver                    | Remote excluded   |
| Dimmable                  | Yes               |
| Dimming range (%)         | 1-100             |
| Dimming interface         | Dimmer Integrated |
| Emergency type            | No                |
| Batteries inside          | Yes               |
| Battery type              | LI-IO             |
| Charging socket/connector | USB-C             |

Notes

When setting up and maintaining the device, be particularly careful not to damage the powder coating.  
Damage combined with water may lead to corrosion.  
Chemical products may damage the corrosion protection.