

# FLOS

F018F21A018 Deep Brown

## In Vitro Rod 1

Designed by Philippe Starck, 2020

799lm - 2700K - CRI> 80 - Beam° 111



Rod-mounted outdoor lamp emitting diffused light. Opalescent diffuser integrated in the head with external transparent borosilicate safety glass. Structure in extruded and die-cast aluminium treated with chemical conversion process and powder-coated finish. Integrated LED light source with Edge Lighting technology. Integrated 220–240V ON/OFF, 1–10 V or DALI dimmable power supply.

Designed by Philippe Starck, In Vitro is an elegant outdoor lighting collection inspired by the idea of a contemporary lantern. An elegant, minimal frame creates the illusion of an empty glass volume, illuminated from within like a pure architectural form of light. In Vitro Rod boasts a rigid suspension system while maintaining the essence of the In-Vitro family with its encapsulated light. The design captures Starck's signature balance of minimalism and innovation, resulting in a poetic yet highly functional light for outdoor environments.



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

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### Main specifications

|                        |               |
|------------------------|---------------|
| EAN                    | 8054793318523 |
| Mounting               | Suspension    |
| Light source type      | LED           |
| Light sources included | Yes           |
| LED type               | Edge Lighting |
| Number of lamps        | 1             |
| System power (W)       | 13            |
| Lumen Output (lm)      | 799           |

### Physical

|                     |            |
|---------------------|------------|
| Colour              | Deep Brown |
| Orientation         | Fixed      |
| Net weight (kg)     | 4.56       |
| Package height (mm) | 280        |
| Package width (mm)  | 966        |
| Package length (mm) | 280        |
| Package volume (m3) | 0.08       |

### Download

[Mounting instructions](#)  ZIP

### Photometric Files

[LDT / IES](#)  ZIP

### Technical Drawings



[2D](#)  ZIP

[3D](#)  ZIP



### Ecodesign and Energy Labelling

  Replaceable (LED only) light source by a professional

  Replaceable control gear by a professional

## Schematic light drawing



| h(m) | E(lx) | D(m)  |
|------|-------|-------|
| 1    | 297   | 2.89  |
| 2    | 74    | 5.79  |
| 3    | 33    | 8.68  |
| 4    | 19    | 11.57 |
| 5    | 12    | 14.46 |

## Photometric

|                        |           |
|------------------------|-----------|
| Lighting type          | Direct    |
| Light distribution     | Symmetric |
| CCT (K)                | 2700      |
| CRI>                   | 80        |
| Beam angle C0-180 (°)  | 111       |
| Beam angle C90-270 (°) | 111       |

## Electrical

|                    |              |
|--------------------|--------------|
| Insulation class   | I            |
| Frequency (Hz)     | 50/60        |
| Main voltage (Vac) | 220-240      |
| Power supply       | Integrated   |
| Dimmable           | No           |
| Power supply type  | Non Dimmable |
| Dimming interface  | Not Dimmable |

## Accessories & Power Supply



OPTIONAL  
Accessory

F990E00A000

S.P.D. (SURGE PROTECTION  
DEVICE)