**Product datasheet**

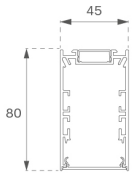
# FIL45

F41SF168MOIO830NG

## FIL45 SUR 1680 6100 WW D/I OPAL GR.

### Description:

Suspended or mounted surface structure model FIL45 SUR 1680 D/I LAMP brand. Made in extruded recycled aluminum with a rate of 80%, with direct-indirect distribution, with opal polycarbonate diffuser. Model for LED MID-POWER, colour temperature 3000K with CRI80 and with electronic wiring included. With IP20, IK07 protection rating. Insulation Class I. Photobiological safety group 0. LED life time: 70.000 L80 B10. Available finishes: White, black and grey. Environmental Product Declaration - EPD®available, according to UNE-EN ISO 9001:2015 and UNE-EN ISO 14001:2015.




**Finish:** Gloss grey

**Dimensions:** 1.680 x 45 x 80 mm **Weight:** 3.750 g

**Installation:** Surface

## TECHNICAL SPECIFICATIONS:

| | | | |
|---|---|---|---|
| **Light output:** | 3.824 lm | **ºK :** | 3000 |
| **Plum:** | 40,1W | **CRI :** | 80 |
| **Efficacy:** | 95,3 lm/w | **MacAdam:** | 3 |
| **Type:** | MID POWER LED | **Power Supply:** | 220-240V 50/60Hz |
| **LED Lifetime:** | 70.000 L80 B10 (Ta=25ºC) | **Gear:** | Electronic |
| **Power:** | 36W | | |

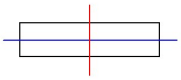
***Light output tolerance +/- 10%***

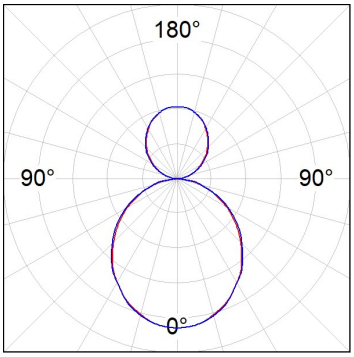
## CUSTOM MADE OPTIONS:

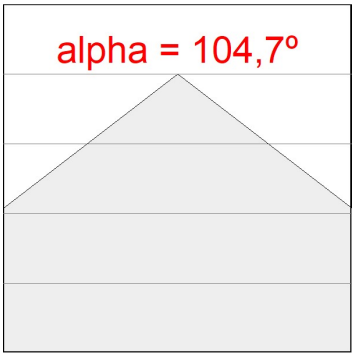
**F41SF168MOIO830NG** **FIL45 SUR 1680 6100 WW D/I OPAL GR.**

**PHOTOMETRIC DATA :**

F41SF168MOIO830NG
η = 100%
Imax = 257 cd/klm
UTE: 0,68E + 0,33T
CIE: 49 81 97 67 100






| H (m) | D (m) | Emax | Emed |
|---|---|---|---|
| 1 | 2,59 | 945 | 326 |
| 2 | 5,18 | 236 | 82 |
| 3 | 7,77 | 105 | 36 |
| 4 | 10,36 | 59 | 20 |

## ACCESORIES :

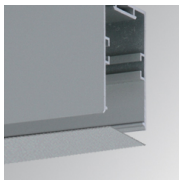
### Assembly

**Product code:** F42JO

**Description:** FIL45 ACC. SU/RE INTM JOINT B

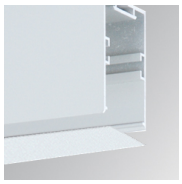
**Product code:** F4COX/MMB

**Description:** FIL 45 ACC. COVER X/MM BK.



**Product code:** F4COX/MMG

**Description:** FIL 45 ACC. COVER X/MM GR.



**Product code:** F4COX/MMW

**Description:** FIL 45 ACC. COVER X/MM WH.

**Product code:** F4FX50B

**Description:** ACC. WALL BRACKET FIL45 50MM BK.

**Product code:** F4FX50G

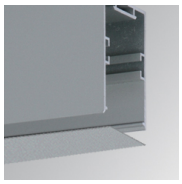
**Description:** ACC. WALL BRACKET FIL45 50MM GR.

**Product code:** F4FX50W

**Description:** ACC. WALL BRACKET FIL45 50MM WH.

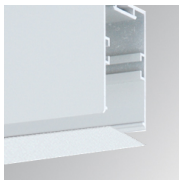
**Product code:** F4PRSUX/MMB

**Description:** FIL 45 ACC. SUS PROFIL X/MM BK.



**Product code:** F4PRSUX/MMG

**Description:** FIL 45 ACC. SUS PROFIL X/MM GR.



**Product code:** F4PRSUX/MMW

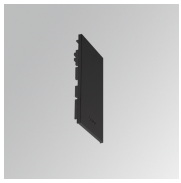
**Description:** FIL 45 ACC. SUS PROFIL X/MM WH.



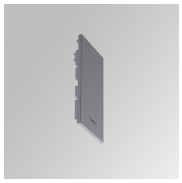
LAMP reserves the right to change the technical specifications of their products. These changes will allow the continual improvement of the products and will also ensure the conformity to current legal changes. Updated information is always available in our website www.lamp.es



Data according to regulations 2019/2020/EU and 2019/2015/EU



| Product code: | Description: |
|---|---|
| F4SUECB | FIL45 ACC. SUR END COVER BK. |



| Product code: | Description: |
|---|---|
| F4SUECG | FIL45 ACC. SUR END COVER GR. |

| Product code: | Description: |
|---|---|
| F4SUECW | FIL45 ACC. SUR END COVER WH. |

**ACCESORIES :**

**Suspension**

| Product code: | Description: |
|---|---|
| F4SUCAEMFA1000NB | ACC. ELECMEC FIL45 QUICK SUSP 1M BK. |
| F4SUCAEMFA4000NB | ACC. ELECMEC FIL45 QUICK SUSP 4M BK. |

| Product code: | Description: |
|---|---|
| F4SUCAEMFA1000NG | ACC. ELECMEC FIL45 QUICK SUSP 1M GR. |
| F4SUCAEMFA4000NG | ACC. ELECMEC FIL45 QUICK SUSP 4M GR. |

| Product code: | Description: |
|---|---|
| F4SUCAEMFA1000NW | ACC. ELECMEC FIL45 QUICK SUSP 1M WH. |
| F4SUCAEMFA4000NW | ACC. ELECMEC FIL45 QUICK SUSP 4M WH. |

| Product code: | Description: |
|---|---|
| F4SUCAWI1000DB | ACC. ELECMEC FIL45 QUICK SUSP 1M 5P BK. |
| F4SUCAWI4000DB | ACC. ELECMEC FIL45 QUICK SUSP 4M 5P BK. |

| Product code: | Description: |
|---|---|
| F4SUCAWI1000DG | ACC. ELECMEC FIL45 QUICK SUSP 1M 5P GR. |
| F4SUCAWI4000DG | ACC. ELECMEC FIL45 QUICK SUSP 4M 5P GR. |

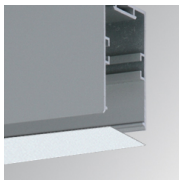
| Product code: | Description: |
|---|---|
| F4SUCAWI1000DW | ACC. ELECMEC FIL45 QUICK SUSP 1M 5P WH. |
| F4SUCAWI4000DW | ACC. ELECMEC FIL45 QUICK SUSP 4M 5P WH. |

| Product code: | Description: |
|---|---|
| F4SUWIDE1000G | FIL45 ACC. QUICK STEEL CABLE 1M NK. |

| Product code: | Description: |
|---|---|
| F4SUWIDE4000G | FIL45 ACC. QUICK STEEL CABLE 4M NK. |

**ACCESORIES :**

**Optical**



| Product code: | Description: |
|---|---|
| F4DIX/MMOP | FIL 45 ACC. OPAL DIFFUSER X/MM |

**ACCESORIES :**

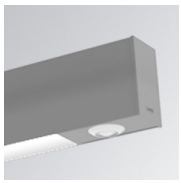
**Adjustment and control**

| Product code: | Description: |
|---|---|
| F41EMG3HDWB | ACC.FIL45 DOWNLIGHT EMERGENCIA 3H BK |

| Product code: | Description: |
|---|---|
| F41EMG3HDWG | ACC.FIL45 DOWNLIGHT EMERGENCIA 3H GR |

| Product code: | Description: |
|---|---|
| F41EMG3HDWW | ACC.FIL45 DOWNLIGHT EMERGENCIA 3H WH |

| Product code: | Description: |
|---|---|
| F41LIGHTSNDB | ACC.FIL45 SENSOR BASIC ILD DALI-2 BK |



| Product code: | Description: |
|---|---|
| F41LIGHTSNDG | ACC.FIL45 SENSOR BASIC ILD DALI-2 GR |

| Product code: | Description: |
|---|---|
| F41LIGHTSNDW | ACC.FIL45 SENSOR BASIC ILD DALI-2 WH |