Product datasheet

FIL45

LAMP
Worktitude for light

FIL45 REC 1680 3600 WBW OP COMF WH.
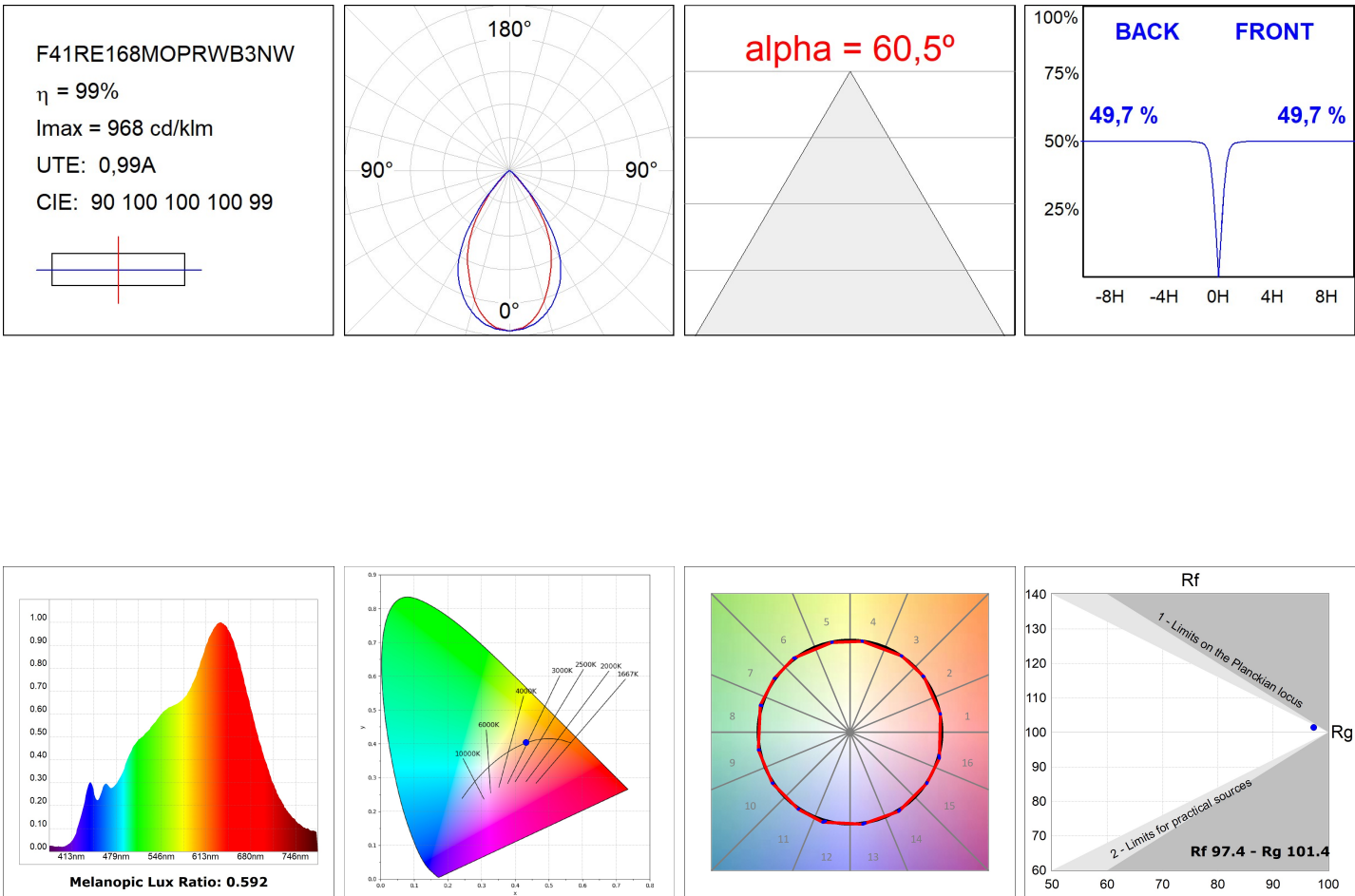
Description:

Structure to recessed model FIL45 REC 1680 LAMP brand. Made in extruded recycled aluminum with a rate of 80%, with opal comfort diffuser made of a translucent polycarbonate diffuser and an optical film to achieve a controlled light distribution and low UGR<16. Model for LED MID-POWER, colour temperature Wellbeing de 3000K con CRI97 and Ra greater than 50 and with electronic wiring included. With IP43, IK07 protection rating. Insulation Class I. Photobiological safety group 0. LED life time: 60.000 L70 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: Matte white RAL 9010

Dimensions: 1.680 x 55 x 76 mm   **Weight:** 3.720 g

Installation: Recessed

Recessing measures: 1,686 x 51 x 0 mm

TECHNICAL SPECIFICATIONS:

Light output:	2.338 lm	**ºK :**	3000
Plum:	42,4W	**CRI :**	97
Efficacy:	55,1 lm/w	**R9 :**	97
UGR:	<16	**MacAdam:**	3
Type:	MID POWER LED	**Power Supply:**	220-240V 50/60Hz
LED Lifetime:	60.000 L70 B10 (Ta=25ºC)	**Gear:**	Electronic
Power:	36W		

Light output tolerance +/- 10%

Al ♻ | CLASE I | IK 07 | IP 43 | LED WB 3000ºK | ↕ 25mm | 850º

CE | EPD | GARANTIA WARRANTY GARANTIE 5 | Group 0 En 62471

CUSTOM MADE OPTIONS:

1-10V | ◑ | ▦ | ✱ | CRI | ↑lm | ≋ | L PUSH | K

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F41RE168MOPRWB3NW   FIL45 REC 1680 3600 WBW OP COMF WH.

PHOTOMETRIC DATA :

F41RE168MOPRWB3NW

η = 99%

Imax = 968 cd/klm

UTE: 0,99A

CIE: 90 100 100 100 99

180°

90°   90°

0°

alpha = 60,5º

100%
75%
50%
25%

BACK   FRONT

49,7 %   49,7 %

-8H   -4H   0H   4H   8H

Melanopic Lux Ratio: 0.592

413nm 479nm 546nm 613nm 680nm 746nm

3000K 2500K 2000K
4000K   1667K
6000K
10000K

Rf
140
130
120
110
100
90
80
70
60

1 - Limits on the Planckian locus
2 - Limits for practical sources

Rg

Rf 97.4 – Rg 101.4

50   60   70   80   90   100

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

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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
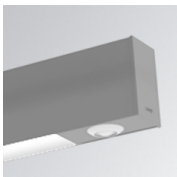
Product code: **Description:**

F41LIGHTSNDG   ACC.FIL45 SENSOR BASIC ILD DALI-2 GR

Product code: **Description:**

F41LIGHTSNDW   ACC.FIL45 SENSOR BASIC ILD DALI-2 WH

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Web   www.lamp.es

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17-07-2025

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