WEVER & DUCRÉ LIGHTING

# PLANO 2.0 LED

**118661W7**

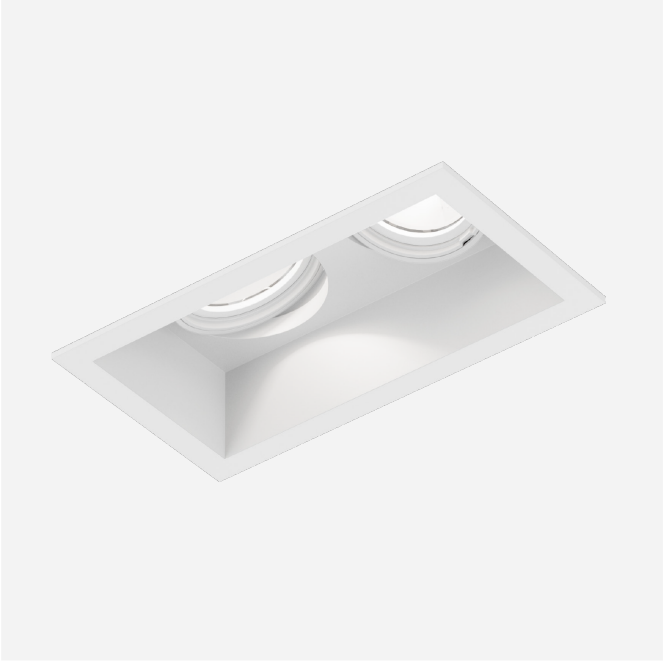
**PROJECT**

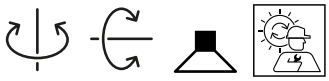
**TYPE**

**NOTES**

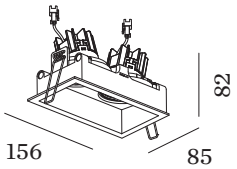
**QUANTITY**

**DATE**





Rectangular ceiling recessed downlight made from die-cast aluminium; adjustable; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 2-18 mm; recessed depth 95mm; with COB (Chip on Board) technology for maximum efficiency; light colour 4000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; beam angle 34°; 355° rotatable and 35° tiltable; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;




**LUMINAIRE**

Ceiling
Recessed
tilt max 35 °
rotation 355 °
White Matt
RAL 9010 [a]
IP20
Interior
2580 / 3480 lm

**LED MODULE**

4000 K
CRI ≥ 90
L80 / 55000h
≤ 2 SDCM (initial MacAdam)

**OPTICAL**

Medium (standard)
beam angle 34°

**ELECTRICAL**

excl. driver
17 V
total insets 12.0 / 18.0 W
Class III

**PHYSICAL**

length 156 mm
width 85 mm
height 90 mm
0.48 kg
wire springs

**CUTOUT**

length 74 mm
width 148 mm
min. ceiling thickness 2 mm
max. ceiling thickness 18 mm
recessed depth 95 mm

[a] Colour may deviate slightly due to production conditions

**Maintenance Factor**

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|---|---|---|---|---|---|
| LLMF | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 |
| LSF | 1 | 1 | 1 | 1 | 1 |

| | |
|---|---|
| MF | LMF × RSMF × LLMF × LSF |
| MF | Maintenance Factor |
| LMF[a] | Luminaire Maintenance Factor |
| RSMF[a] | Room Surface Maintenance Factor |
| LLMF | Lamp Lumens Maintenance Factor |
| LSF | Lamp Survival Factor |

[a]According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## ELECTRICAL ACCESSORIES

**DRIVER**

| TYPE | COLOUR | VOLTAGE | L·W·H (MM) | ITEM NUMBER |
|---|---|---|---|---|
| 6.3W \| 350mA \| 8.6-18V \| 100-240VAC | | 8.6-18V | 66·39·22 | 90213303 |
| 10W \| 500mA \| 13-20V \| 220-240VAC | | 13-20V | 60·39·20 | 90214406 |
| 10W \| 500mA \| 10-20V \| 100-277VAC | | 10-20V | 60·40·24 | 90214407 |
| 8W \| 350mA \| 12-24V \| phase cut TE \| IP65 \| 110-277VAC | | 12-24V | 44·27·20 | 90223303 |
| 10W \| 500mA \| 12-21V \| phase-cut dim \| 220-240VAC | | 12-21V | 115·41·25 | 90224403 |
| 30W \| 500mA \| 10-42V \| phase cut TE \| IP65 \| 110-277VAC | | 10-42V | 80·36·25 | 90224405 |
| 15W \| 500mA \| 10-31V \| DALI-2 push dim \| 220-240VAC | | 10-31V | 166·29·21 | 90244501 |

## OTHER ACCESSORIES

**METAL SPRING CLIP**

| TYPE | COLOUR | VOLTAGE | Ø (MM) | ITEM NUMBER |
|---|---|---|---|---|
| LED modules \| PAR16 | | | 59 | 90019700 |

**SPRING CLIP**

| TYPE | COLOUR | VOLTAGE | Ø (MM) | ITEM NUMBER |
|---|---|---|---|---|
| LED Modules \| PAR16 max. 12W | Black | | 59 | 900198B0 |
| LED Modules \| PAR16 max. 12W | Bronze | | 59 | 900198Q0 |
| LED Modules \| PAR16 max. 12W | Silver | | 59 | 900198S0 |
| LED Modules \| PAR16 max. 12W | White | | 59 | 900198W0 |

['118661W7'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.
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