WEVER & DUCRÉ LIGHTING

PLANO 2.0 LED

118661B7

PROJECT

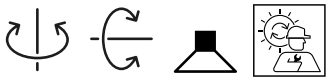
TYPE

NOTES

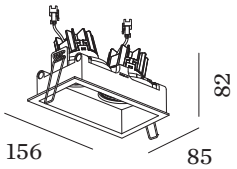
QUANTITY

DATE





Rectangular ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9011; 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 °
Black Matt
RAL 9011 [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

['118661B7'] 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.

© Wever & Ducré BV · Spinnerijstraat 99/21 · 8500 Kortrijk · Belgium · www.weverducre.com