WEVER & DUCRÉ LIGHTING

DEEP ADJUST 1.0 LED

184341G3

PROJECT

TYPE

NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface Gold; wet painted, matt smooth; No matching RAL; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 90mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; beam angle 15°; 355° rotatable and 35° tiltable; degree of protection IP20; Class 3; IC rated; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Recessed
tilt max 35 °
rotation 355 °
Gold
No matching RAL
IP20
Not IC rated
Interior
830 lm / 500mA
615 lm / 350mA

LED MODULE

2700 K
CRI ≥ 90
L80 / 55000h
≤ 2 SDCM (initial MacAdam)
750 lm / 350mA
126 lm/W [a]
5.9 W [a]

OPTICAL

Narrow
beam angle 15°
CIE flux code: 88 99 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

PHYSICAL

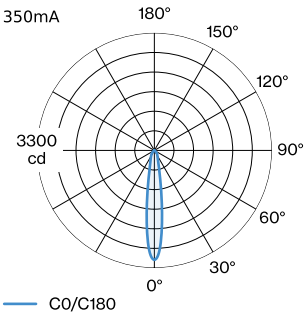
diameter 94 mm
height 77 mm
0.17 kg
wire springs

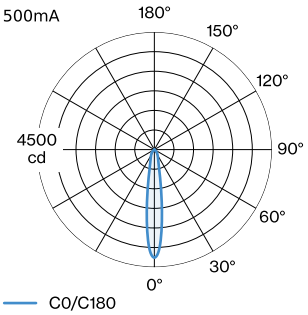
CUTOUT

diameter 86-89 mm
min. ceiling thickness 4 mm
max. ceiling thickness 23 mm
recessed depth 90 mm

[a] Without electrical and optical losses

LIGHT DISTRIBUTION





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CONE DIAGRAM

narrow 16° 350mA

h (m)	E0° (lx)	ø (m)
1	3070	0.28
2	770	0.55
3	340	0.83
4	190	1.11
5	120	1.39

narrow 16° 500mA

h (m)	E0° (lx)	ø (m)
1	4140	0.28
2	1030	0.55
3	460	0.83
4	260	1.11
5	170	1.39

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
10W | 500mA | 13-20V | 220-240VAC		13-20V	60·39·20	90214406
10W | 500mA | 12-21V | phase-cut dim | 220-240VAC		12-21V	115·41·25	90224403
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	Gold		59	900198G0
LED Modules | PAR16 max. 12W	Champagne		59	900198M0
LED Modules | PAR16 max. 12W	Bronze		59	900198Q0
LED Modules | PAR16 max. 12W	Silver		59	900198S0
LED Modules | PAR16 max. 12W	White		59	900198W0

['184341G3'] 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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