WEVER & DUCRÉ LIGHTING

DEEP ADJUST 1.0 LED

184361G9C

PROJECT

TYPE

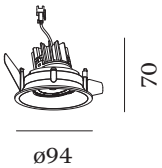
NOTES

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 blade springs; suitable for ceiling thickness of min. 6 mm; recessed depth 90mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000 - 3000 K colour warm dimming; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90; beam angle 38°; 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
475 lm / 350mA
700 lm / 500mA

LED MODULE

colour warm dimming
2000 - 3000 K
CRI ≥ 90
L70 / 50000h
≤ 3 SDCM (initial MacAdam)
545 lm / 350mA
90 lm/W [a]
6.1 W [a]

OPTICAL

Medium (standard)
beam angle 38°
CIE flux code: 87 98 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

PHYSICAL

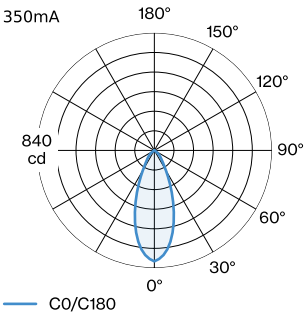
diameter 94 mm
height 77 mm
0.17 kg
blade springs

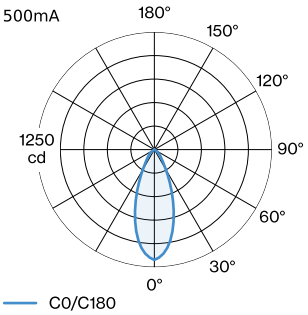
CUTOUT

diameter 86-89 mm
min. ceiling thickness 6 mm
max. ceiling thickness 23 mm
recessed depth 90 mm

[a] Without electrical and optical losses

LIGHT DISTRIBUTION





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CONE DIAGRAM

medium (standard) 450mA

h (m)	E0° (lx)	ø (m)
1	793	0.72
2	198	1.44
3	88	2.17
4	50	2.89
5	32	3.61

medium (standard) 500mA

h (m)	E0° (lx)	ø (m)
1	1170	0.72
2	290	1.44
3	130	2.17
4	70	2.89
5	50	3.61

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.95	0.91	0.86	0.82	0.77
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

['184361G9C'] 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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