PROJECT

TYPE

NOTES

QUANTITY

DATE

GENERAL

Ceiling
Recessed
tilt max 35 °
rotation 355 °
White Aluminium
RAL 9006 [a]
IP20
Interior
CIE flux code: 92 97 99 100 100

LED

2700 K
CRI ≥ 90
initial MacAdam ≤ 2 SDCM

OPTICAL

Narrow
beam angle 15°

ELECTRICAL

excl. driver
17 V
inset 6.0 / 9.0 W
Class 3

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

OUTPUT

500mA
715 lm
9 W

350mA
530 lm
6 W

[a] Colour may deviate slightly due to production conditions.

Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface White Aluminium; wet painted, matt smooth; RAL 9006; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; 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;

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ø94

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF[a]	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF[a]	Luminaire 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	Voltage	L·W·H (MM)	Item number
10W | 500mA | 11-20V	11-20V	100·43·23	90214405
10W | 500mA | 13-20V	13-20V	65·39·20	90214406
10W | 500mA | 3-20V | phase-cut dim	3-20V	102·49·29	90224402
10W | 500mA | 12-21V | phase-cut dim	12-21V	115·41·25	90224403
20W | 500mA | 3-40V | DALI	3-40V	116·40.5·22	90244604
24W | 500mA | 6-49V | DALI-2	6-49V	143·43·30	90244701

OTHER ACCESSORIES

Metal spring clip

Type	Ø (MM)	Item number
MR16 | LED | PAR16 | max. 12W	59	90019700

Spring clip

Type	Colour	Ø (MM)	Item number
MR16 | LED | PAR16 | max. 12W	Black	59	900198B0
MR16 | LED | PAR16 | max. 12W	Gold	59	900198G0
MR16 | LED | PAR16 | max. 12W	Champagne	59	900198M0
MR16 | LED | PAR16 | max. 12W	Bronze	59	900198Q0
MR16 | LED | PAR16 | max. 12W	Silver	59	900198S0
MR16 | LED | PAR16 | max. 12W	White	59	900198W0