WEVER & DUCRÉ LIGHTING

DEEP petit 1.0 LED

153561M3

PROJECT

TYPE

NOTES

QUANTITY

DATE

Round ceiling recessed downlight made from die-cast aluminium; surface Champagne; wet painted, smooth semi glossy; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 50 mm; beam angle 31°; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; degree of protection IP20; Class 3; IC rated; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; driver not included; fits into Kaiser ThermoX® 9320-11; light source replaceable by Wever & Ducré or by a professional with explicit authorization;

GENERAL

Ceiling
Recessed
Champagne
IP20
IC rated
Interior
CIE flux code: 98 100 100 100 100

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM

OPTICAL

Standard
beam angle 31°

ELECTRICAL

excl. driver
17 V
inset 5.9 W
Class 3

PHYSICAL

diameter 80 mm
height 45 mm
0.04 kg
wire springs

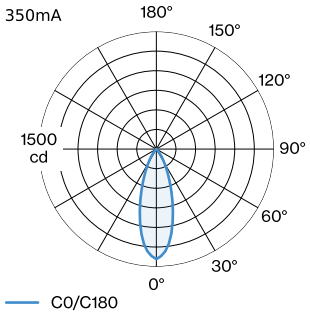
CUTOUT

diameter 68-70 mm
min. ceiling thickness 4 mm
max. ceiling thickness 23 mm
recessed depth 50 mm

MEASURED DRIVER

350mA
590 lm
7.9 W

LIGHT DISTRIBUTION



['153561M3'] 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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CONE DIAGRAM

standard 34° 350mA

h (m)	E0° (lx)	ø (m)
1	1400	0.61
2	350	1.23
3	160	1.84
4	90	2.46
5	60	3.07

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
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	Voltage	L·W·H (MM)	Item number
6W | 350mA | 8.6-18V	8.6-18V	67·39·22	90213303
10W | 350mA | 1-10V dim	14-28V	101.5·51·29.5	90223401
10W | 350mA | phase-cut dim	12-28V	102·38·21	90223402
14W | 350mA | 2.5-42V	2.5-42V	145·33·21	90243501
17W | 350mA | 10-49V | DALI	10-49V	108·52·22	90243601

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