WEVER & DUCRÉ LIGHTING

DEEP petit 1.0 LED

153561B3

PROJECT

TYPE

NOTES

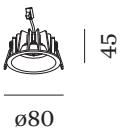
QUANTITY

DATE





Round ceiling recessed downlight made from die-cast aluminium; surface Black Matt; powder coated, matt texture; RAL 9011; installation without tools using wire springs; suitable for ceiling thickness of 4-23 mm; recessed depth 60mm; beam angle 31°; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); 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;



LUMINAIRE

Ceiling
Recessed
Black Matt
RAL 9011 [a]
IP20
IC rated
Interior
565 lm / 350mA

LED MODULE

2700 K
CRI ≥ 90
L80 / 100000 h
≤ 2 SDCM (initial MacAdam)
730 lm / 350mA
123 lm/W [b]
5.9 W [b]

OPTICAL

Medium (standard)
beam angle 31°
CIE flux code: 98 100 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

PHYSICAL

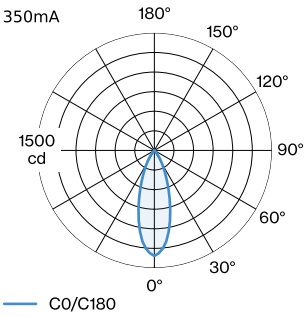
diameter 80 mm
height 45 mm
0.09 kg
wire springs

CUTOUT

diameter 68-70 mm
min. ceiling thickness 4 mm
max. ceiling thickness 23 mm
recessed depth 60 mm

[a] Colour may deviate slightly due to production conditions
[b] Without electrical and optical losses

LIGHT DISTRIBUTION



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CONE DIAGRAM

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	1350	0.61
2	340	1.23
3	150	1.84
4	80	2.46
5	50	3.07

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	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	COLOUR	VOLTAGE	L·W·H (MM)	ITEM NUMBER
6.3W | 350mA | 8.6-18V | 100-240VAC		8.6-18V	66·39·22	90213303
8W | 350mA | 12-24V | phase cut TE | IP65 | 110-277VAC		12-24V	44·27·20	90223303
10W | 350mA | 13-26V | phase-cut dim | 220-240VAC		13-26V	115·41·25	90223406
14W | 350mA | 10-40V | DALI-2 push dim | 220-240VAC		10-40V	166·29·21	90243502

['153561B3'] 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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