WEVER & DUCRÉ LIGHTING

DEEP bijou 1.0

165161B3

PROJECT

TYPE

NOTES

QUANTITY

DATE

Round ceiling recessed downlight made from die-cast aluminium; surface Black Matt wet painted; matt texture; RAL 9011; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 85mm; beam angle 30°; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; UGR ≤ 16; 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
Black Matt
RAL 9011 [a]
IP20
IC rated
Interior
465 lm / 250mA

LED MODULE

2700 K
CRI ≥ 90
L80 / 100000 h
≤ 2 SDCM (initial MacAdam)
575 lm / 250mA
139 lm/W [b]
4.2 W [b]

OPTICAL

Medium (standard)
beam angle 30°
CIE flux code: 99 100 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

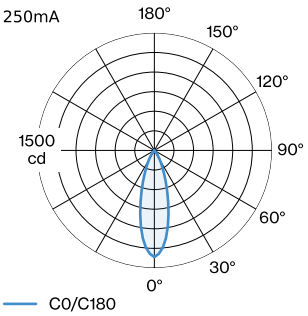
PHYSICAL

diameter 57 mm
height 51 mm
0.07 kg
wire springs

CUTOUT

diameter 50-52 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 85 mm

LIGHT DISTRIBUTION



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

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CONE DIAGRAM

medium (standard) 250mA

h (m)	E0° (lx)	ø (m)
1	1360	0.54
2	340	1.07
3	150	1.61
4	90	2.15
5	50	2.68

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
6W | 250mA | 8.6-24V | 100-240VAC		8.6-24V	55·39·22	90216201
5W | 250mA | 12-21V | phase-cut dim | 220-240VAC		12-21V	68·33·22	90226201
10W | 250mA | 16-40V | phase cut TE | IP65 | 110-240VAC		16-40V	44·27·20	90226404
10W | 250mA | 10-40V | DALI-2 push dim | 220-240VAC		10-40V	166·29·21	90246403

['165161B3'] 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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