WEVER & DUCRÉ LIGHTING

DEEP IP65 1.0 LED

184161B5

PROJECT

TYPE

NOTES

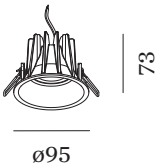
QUANTITY

DATE



IP65

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 4-27 mm; recessed depth 85mm; beam angle 36°; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; degree of protection IP65; Class 3; IC rated; UGR ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; driver not included; light source not replaceable;



LUMINAIRE

Ceiling
Recessed
Black Matt
RAL 9011 [a]
IP65
IC rated
Exterior
655 lm / 500mA
480 lm / 350mA

LED MODULE

3000 K
CRI ≥ 90
L80 / 55000h
≤ 2 SDCM (initial MacAdam)
785 lm / 350mA
133 lm/W [b]
5.9 W [b]

OPTICAL

Medium (standard)
beam angle 36°
CIE flux code: 98 100 100 100 100

ELECTRICAL

excl. driver
17 V
Class III

PHYSICAL

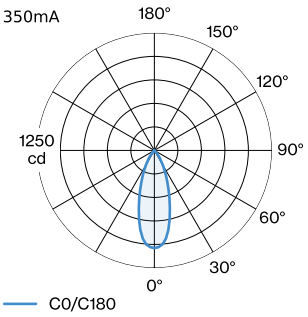
diameter 95 mm
height 73 mm
0.24 kg
wire springs

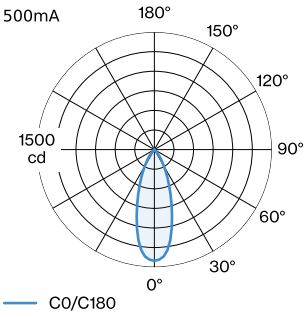
CUTOUT

diameter 86-89 mm
min. ceiling thickness 4 mm
max. ceiling thickness 27 mm
recessed depth 85 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	1040	0.65
2	260	1.29
3	120	1.94
4	60	2.58
5	40	3.23

medium (standard) 500mA

h (m)	E0° (lx)	ø (m)
1	1420	0.65
2	350	1.29
3	160	1.94
4	90	2.58
5	60	3.23

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
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
6.3W | 350mA | 8.6-18V | 100-240VAC		8.6-18V	66·39·22	90213303
17W | 350mA | 5-49V | IP68 | 220-240VAC		5-49V	122·54·26	90213602
10W | 500mA | 10-20V | 100-277VAC		10-20V	60·40·24	90214407
24W | 500mA | 5-49V | IP68 | 220-240VAC		5-49V	122·54·26	90214702
8W | 350mA | 12-24V | phase cut TE | IP65 | 110-277VAC		12-24V	44·27·20	90223303
10W | 500mA | 12-21V | phase-cut dim | 220-240VAC		12-21V	115·41·25	90224403
30W | 500mA | 10-42V | phase cut TE | IP65 | 110-277VAC		10-42V	80·36·25	90224405

['184161B5'] 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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