



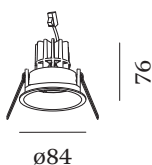
PROJECT

TYPE

NOTES

QUANTITY

DATE



GENERAL

Ceiling	
Recessed	
Black Matt	
RAL 9011 ^a	
IP20	
Interior	
CIE flux code: 88 99 100 100 100	

OUTPUT

350mA	
635 lm	
8.3 W	
500mA	
855 lm	
12.2 W	

LED

2700 K	
CRI ≥ 90	
L80 / 55000h	
initial MacAdam ≤ 2 SDCM	

OPTICAL

Standard	
beam angle 34°	

ELECTRICAL

excl. driver	
17 V	
inset 6.0 / 8.8 W	
Class 3	

PHYSICAL

diameter 84 mm	
height 76 mm	
0.15 kg	
wire springs	

CUTOUT

diameter 76-79 mm	
min. ceiling thickness 4 mm	
max. ceiling thickness 27 mm	
recessed depth 90 mm	

^a Colour may deviate slightly due to production conditions.



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

^aAccording 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