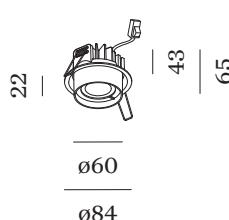



**PROJECT**
**TYPE**
**NOTES**
**QUANTITY**
**DATE**


Round ceiling recessed luminaire made from aluminium; surface White Matt; powder coated; matt texture; RAL 9010; installation without tools using wire springs; recessed depth 52 mm; suitable for ceiling thickness of 4-25 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2000 K - 3000 K colour warm dimming; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 90$ ; degree of protection IP44; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;


**GENERAL**

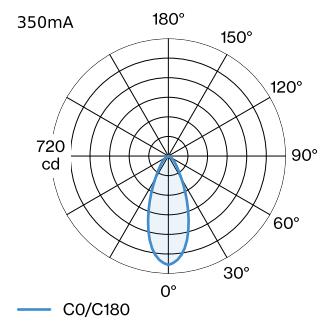
Ceiling	500mA
Semi-Recessed	665 lm
White Matt	12.5 W
RAL 9010 <sup>a</sup>	
front IP44	
back IP20	
Interior	
CIE flux code: 84 97 100 100 100	

**OUTPUT**

350mA	500mA
450 lm	665 lm
8.4 W	12.5 W

**LED**

colour warm dimming	350mA
2000 K - 3000 K	500mA
CRI $\geq 90$	
L70 / 50000h	
initial MacAdam $\leq 3$ SDCM	

**LIGHT DISTRIBUTION**

**OPTICAL**

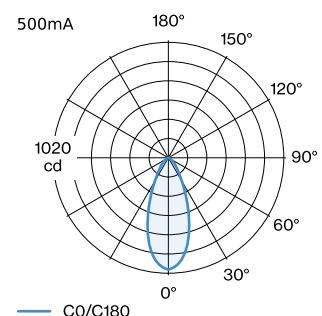
Standard	350mA
beam angle 38°	

**ELECTRICAL**

excl. driver	500mA
17 V	
inset 6.1 / 9.0 W	
Class 3	

**PHYSICAL**

diameter 84 mm	350mA
height 67 mm	
0.18 kg	
wire springs	


**CUTOUT**

diameter 76-79 mm	500mA
min. ceiling thickness 4 mm	
max. ceiling thickness 25 mm	
recessed depth 52 mm	

<sup>a</sup> Colour may deviate slightly due to production conditions.


**CONE DIAGRAM**

standard 42° 350mA standard 42° 500mA

h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	667	0.76	1	989	0.76
2	167	1.53	2	247	1.53
3	74	2.29	3	110	2.29
4	42	3.05	4	62	3.05
5	27	3.82	5	40	3.82

**Maintenance Factor**

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.95	0.91	0.86	0.82	0.77
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMFa	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMFa	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup>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**

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