



PROJECT

TYPE

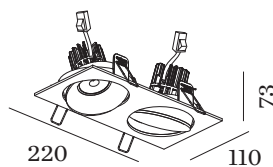
NOTES

QUANTITY

DATE



Rectangular ceiling recessed luminaire made from aluminium; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 90 mm; with COB (Chip on Board) technology for maximum efficiency; 350/500 mA; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; beam angle 34°; 355° rotatable and 35° tiltable; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



GENERAL

Ceiling
Recessed
tilt max 35 °
rotation 355 °
White Matt
RAL 9010 ^a
IP20
Interior
CIE flux code: 92 97 99 100 100

LED

3000 K
CRI ≥ 90
L80 / 55000h
initial MacAdam ≤ 2 SDCM

OPTICAL

Standard
beam angle 34°

ELECTRICAL

excl. driver
17 V
inset 5.9 8.7 W
total insets 11.8 17.4 W
Class 3

PHYSICAL

length 220 mm
width 110 mm
height 73 mm
0.73 kg
wire springs

CUTOUT

length 210 mm
width 102 mm
min. ceiling thickness 4 mm
max. ceiling thickness 25 mm
recessed depth 90 mm

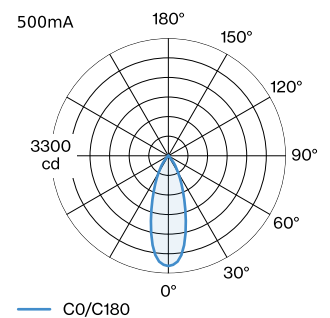
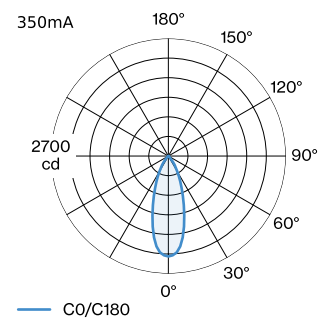
^a Colour may deviate slightly due to production conditions.

OUTPUT

500mA
1540 lm
21.2 W

350mA
1150 lm
14.4 W

LIGHT DISTRIBUTION





CONE DIAGRAM

standard 36° 350mA standard 36° 500mA

h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	1150	0.64	1	1550	0.64
2	290	1.29	2	390	1.29
3	130	1.93	3	170	1.93
4	70	2.57	4	100	2.57
5	50	3.22	5	60	3.22

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
17.5 - 20W		102-51-30	90218601
20W 500mA 26-38V phase-cut dim	26-38V	138-44-30	90224602
20W 500mA 3-40V DALI	3-40V	116-40.5-22	90244604
24W 500mA 6-49V DALI-2	6-49V	143-43-30	90244701