



PROJECT

TYPE

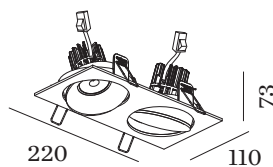
NOTES

QUANTITY

DATE



Rectangular ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated, matt texture; RAL 9005; 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 2000 K - 3000 K colour warm dimming; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; beam angle 38°; 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°
Black Matt
RAL 9005^a
IP20
Interior
CIE flux code: 98 100 100 100 100

OUTPUT

350mA
745 lm
14.8 W

500mA
1090 lm
22 W

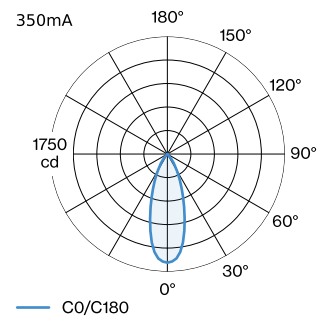
LED

colour warm dimming
2000 K - 3000 K
CRI ≥ 90
L70 / 50000h
initial MacAdam ≤ 3 SDCM

OPTICAL

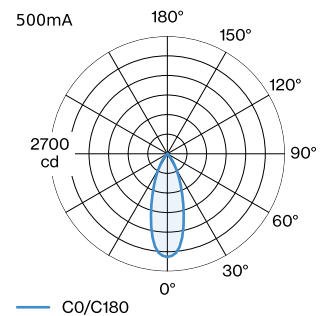
Standard
beam angle 38°

LIGHT DISTRIBUTION



ELECTRICAL

excl. driver
17 V
inset 9.0 6.1 W
total insets 18.0 12.2 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.



CONE DIAGRAM

standard 36° 350mA standard 36° 500mA

h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	809	0.65	1	1180	0.65
2	202	1.29	2	300	1.29
3	90	1.94	3	130	1.94
4	51	2.58	4	70	2.58
5	32	3.23	5	50	3.23

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.94	0.87	0.81	0.76	0.71
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