



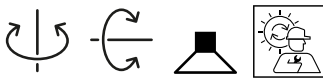
PROJECT

TYPE

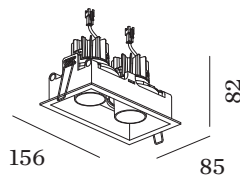
NOTES

QUANTITY

DATE



Rectangular ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated, matt texture; RAL 9011; suitable for ceiling thickness of 2-18 mm; recessed depth 95mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 30°; 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;



LUMINAIRE

Ceiling
Recessed
tilt max 35 °
rotation 355 °
Black Matt
RAL 9011 ^a
IP20
Interior
spots: 2
per spot 340 / 460 lm
685 lm / 350mA
920 lm / 500mA

LED MODULE

2700 K
CRI ≥ 90
L80 / 55000h
 ≤ 2 SDCM (initial MacAdam)
745 lm / 350mA
125 lm/W ^b
6 W ^b

OPTICAL

Medium (standard)
beam angle 30°
CIE flux code: 100 100 100 100 100

ELECTRICAL

excl. driver
17 V
total insets 12.0 / 17.6 W
Class III

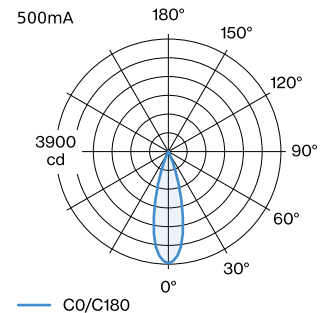
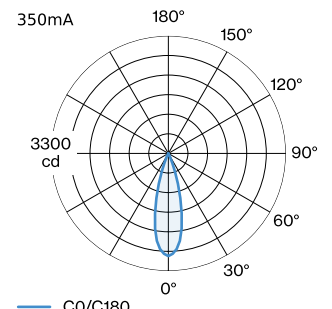
PHYSICAL

length 156 mm
width 85 mm
height 90 mm
0.34 kg
wire springs

CUTOUT

length 148 mm
width 74 mm
min. ceiling thickness 2 mm
max. ceiling thickness 18 mm
recessed depth 95 mm

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses



CONE DIAGRAM

medium (standard) **280mA**

h (m)	E0° (lx)	ø (m)
1	1440	0.50
2	360	1.01
3	160	1.51
4	90	2.02
5	60	2.52

medium (standard) **280mA**

h (m)	E0° (lx)	ø (m)
1	1940	0.50
2	480	1.01
3	220	1.51
4	120	2.02
5	80	2.52

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

^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	COLOUR	VOLTAGE	L·W·H (MM)	ITEM NUMBER
10W 500mA 13-20V 220-240VAC		13-20V	60·39·20	90214406
10W 500mA 12-21V phase-cut dim 220-240VAC		12-21V	115·41·25	90224403
15W 500mA 10-31V DALI-2 push dim 220-240VAC		10-31V	166·29·21	90244501