



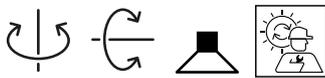
PROJECT _____

TYPE _____

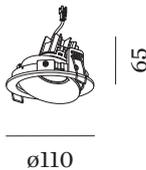
NOTES _____

QUANTITY _____

DATE _____



Round ceiling recessed luminaire made from aluminium; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; 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; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90; beam angle 15°; 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 ° _____
 White Matt _____
 RAL 9010 ^a _____
 IP20 _____
 Interior _____
 870 lm / 500mA _____
 650 lm / 350mA _____

LED Module

3000 K _____
 CRI ≥ 90 _____
 L80 / 55000h _____
 ≤ 2 SDCM (initial MacAdam) _____
 790 lm / 350mA _____
 132 lm/W ^b _____
 6 W ^b _____

Optical

Narrow _____
 beam angle 15° _____
 CIE flux code: 87 99 100 100 _____
 100 _____

Electrical

excl. driver _____
 17 V _____
 Class III _____
 Standard _____

Physical

diameter 110 mm _____
 height 73 mm _____
 0.34 kg _____
 wire springs _____

Cutout

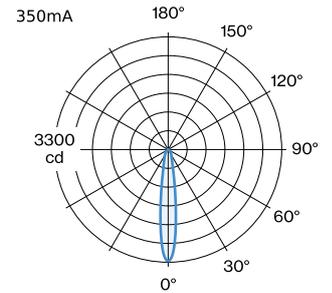
diameter 102-104 mm _____
 min. ceiling thickness 4 mm _____
 max. ceiling thickness 25 mm _____
 recessed depth 90 mm _____

datasheet.quicksum.material

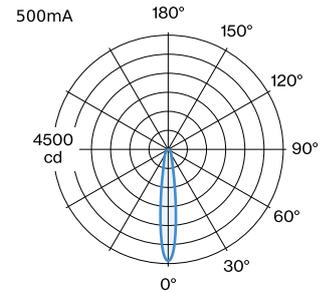
Aluminium _____

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

LIGHT DISTRIBUTION



— C0/C180



— C0/C180

[110241W5] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.



CONE DIAGRAM

narrow 15° 350mA			narrow 15° 500mA		
h (m)	E0° (lx)	ø (m)	h (m)	E0° (lx)	ø (m)
1	3270	0.27	1	4400	0.27
2	820	0.54	2	1100	0.54
3	360	0.82	3	490	0.82
4	200	1.09	4	270	1.09
5	130	1.36	5	180	1.36

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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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			60-39-20	90214406
10W 500mA 12-21V phase-cut dim			115-41-25	90224403
15W 500mA 10-31V DALI-2 push dim			166-29-21	90244501