



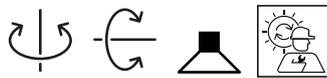
PROJECT

TYPE

NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface Bronze; wet painted, matt smooth; RAL 7013; installation without tools using blade springs; suitable for ceiling thickness of min. 8 mm; recessed depth 65 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 60°; 355° rotatable and 35° tiltable; degree of protection IP20; Class 3; IC rated; driver not included; fits into Kaiser ThermoX® 9320-11; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling _____
 Recessed _____
 tilt max 35° _____
 rotation 355° _____
 Bronze _____
 RAL 7013 ^a _____
 IP20 _____
 IC rated _____
 Interior _____
 600 lm / 350mA _____

LED Module

3000 K _____
 CRI ≥ 90 _____
 L70 / 50000h _____
 ≤ 2 SDCM (initial MacAdam) _____
 670 lm / 350mA _____
 109 lm/W ^b _____
 6.1 W ^b _____

Optical

Wide _____
 beam angle 60° _____
 CIE flux code: 91 100 100 100 _____
 100 _____

Electrical

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

Physical

diameter 79 mm _____
 height 60 mm _____
 0.05 kg _____
 blade springs _____

Cutout

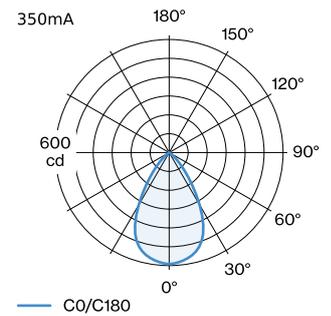
diameter 69-71 mm _____
 min. ceiling thickness 8 mm _____
 recessed depth 65 mm _____

datasheet.quicksum.material

Aluminium _____

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

LIGHT DISTRIBUTION





CONE DIAGRAM

wide 62° 350mA

h (m)	E0° (lx)	ø (m)
1	592	1.21
2	148	2.41
3	66	3.62
4	37	4.83
5	24	6.03

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.92	0.87	0.83	0.79	0.75
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
6W 350mA 8.6-18V			67·39·22	90213303
10W 350mA 13-26V phase-cut dim			115·41·25	90223406
14W 350mA 10-40V DALI-2 push dim			166·29·21	90243502