



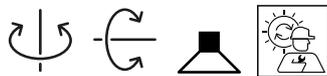
PROJECT

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 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 31°; 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
 535 lm / 350mA

LED Module

2700 K
 CRI ≥ 90
 L70 / 50000h
 ≤ 2 SDCM (initial MacAdam)
 635 lm / 350mA
 104 lm/W^b
 6.1 W^b

Optical

Medium (standard)
 beam angle 31°
 CIE flux code: 97 100 100 100
 100

Electrical

excl. driver
 17 V
 Class III
 Standard

Physical

diameter 79 mm
 height 60 mm
 0.05 kg
 blade springs

Cutout

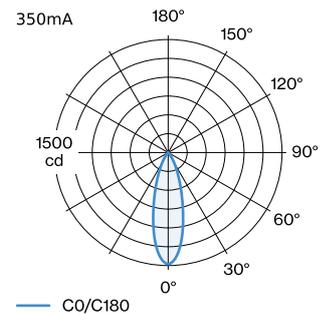
diameter 69-71 mm
 min. ceiling thickness 8 mm
 recessed depth 65 mm

datasheet.quicksum.material

Aluminium

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

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 350mA

h (m)	E0° (lx)	ø (m)
1	1480	0.54
2	370	1.08
3	160	1.62
4	90	2.16
5	60	2.69

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 $LMF \times RSMF \times LLMF \times LSF$

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