



PROJECT

TYPE

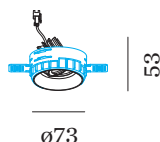
NOTES

QUANTITY

DATE



Round ceiling recessed downlight made from die-cast aluminium; adjustable; surface Black Matt; powder coated, matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 31°; 360° rotatable and 35° tiltable; degree of protection IP20; Class 3; IC rated; driver not included; to be combined with the plasterkit suitable for ceiling thickness; light source replaceable by an authorized professional;



LUMINAIRE

Ceiling
Recessed
tilt max 35 °
rotation 360 °
Black Matt
RAL 9011 ^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

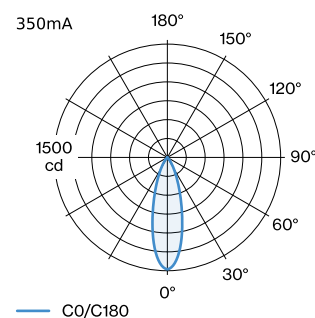
PHYSICAL

diameter 73 mm
height 53 mm
0.07 kg
alu plasterkit

CUTOUT

diameter 78-80 mm
recessed depth 65 mm
12.5, 15, 20, 25

LIGHT DISTRIBUTION



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



CONE DIAGRAM

medium (standard) **350**mA

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	0.88	0.83	0.79	0.76
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
6.3W 350mA 8.6-18V 100-240VAC		8.6-18V	66·39·22	90213303
10W 350mA 13-26V phase-cut dim 220-240VAC		13-26V	115·41·25	90223406
14W 350mA 10-40V DALI-2 push dim 220-240VAC		10-40V	166·29·21	90243502

MOUNTING ACCESSORIES

PLASTERKIT

TYPE	COLOUR	VOLTAGE	Ø·H (MM)	ITEM NUMBER
			73·29	90017210