



PROJECT

TYPE

NOTES

QUANTITY

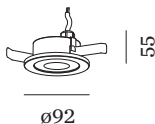
DATE



IP65



Round ceiling recessed luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; installation without tools using blade springs; recessed depth 70 mm; PCB 3-step binning; phase-cut dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 45°; degree of protection IP65; Class 2; light source not replaceable;



LUMINAIRE

Ceiling
Recessed
Black Matt
RAL 9011^a
IP65
Exterior
565 lm

LED Module

3000 K
CRI ≥ 90
L70 / 50000h
 ≤ 3 SDCM (initial MacAdam)

Optical

Wide
beam angle 45°
CIE flux code: 83 94 99 100
100

Electrical

phase-cut dim
220 - 240 V
system 6.7 W
Class II

Physical

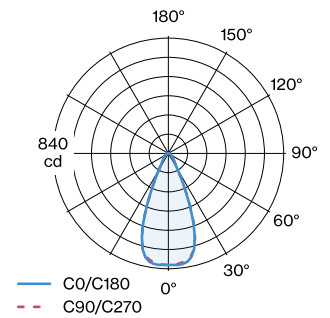
diameter 92 mm
height 55 mm
0.15 kg
blade springs

Cutout

diameter 76-79 mm
min. ceiling thickness 8 mm
recessed depth 70 mm

^a Colour may deviate slightly due to production conditions

LIGHT DISTRIBUTION





CONE DIAGRAM

wide 45°

h (m)	E0° (lx)	ø (m)
1	813	0.83
2	203	1.65
3	90	2.48
4	51	3.31
5	33	4.13

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0	0	0	0	0
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.