



PROJECT

TYPE

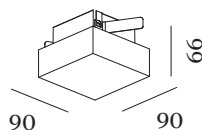
NOTES

QUANTITY

DATE



Squared ceiling recessed luminaire made from aluminium; opal PMMA cover; RAL 9003; installation without tools using blade springs; recessed depth 50 mm; PCB 3-step binning; phase-cut dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP44; Class 2; IC rated; light source not replaceable;



LUMINAIRE

Ceiling
Semi-Recessed
Clear/Opal PMMA
RAL 9003 ^a
front IP44
back IP20
IC rated
Interior
640 lm

LED Module

3000 K
CRI ≥ 90
L80 / 60000h
 ≤ 3 SDCM (initial MacAdam)

Optical

Opal
CIE flux code: 39 69 89 84 100

Electrical

phase-cut dim
220 - 240 V
system 7.2 W
Class II
Standard

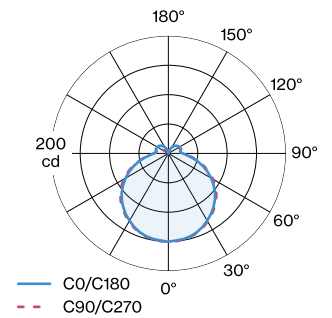
Physical

length 90 mm
width 90 mm
height 66 mm
0.26 kg
blade springs

Cutout

length 72 mm
width 72 mm
min. ceiling thickness 8 mm
recessed depth 50 mm

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions



Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.92	0.89	0.86
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

Dimmer

Type	Colour	Voltage	L·W·H (MM)	Item number
for switch		230V	46·17.5·46	90019017
DIN RAIL	White	230V	17·55·90	90019018