



PROJECT

TYPE

NOTES

QUANTITY

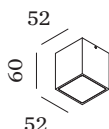
DATE



IP65



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; 220 - 240 V; beam angle 35°; degree of protection IP65; Class 1; light source not replaceable;



Luminaire

Ceiling
Surface
Black Matt
RAL 9011 ^a
IP65
Exterior
530 lm

LED Module

3000 K
CRI ≥ 90
L70 / 55000h
 ≤ 3 SDCM (initial MacAdam)

Optical

Medium (standard)
beam angle 35°
UGR ≤ 19
CIE flux code: 96 99 100 100 100

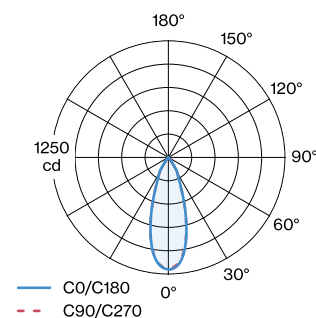
Electrical

phase-cut dim
220 - 240 V
system 5.9 W
Class 1

Physical

length 52 mm
width 52 mm
height 60 mm
0.26 kg

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	0.95	0.91	0.86	0.82	0.79
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire 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.