



PROJECT

TYPE

NOTES

QUANTITY

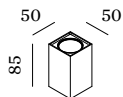
DATE



IP65



Rectangular wall surface luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; up or down light emission; beam angle 38°; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; 220 - 240 V; degree of protection IP65; Class 1; light source not replaceable;



Luminaire

Wall

Surface

Black Matt

RAL 9011^a

IP65

Exterior

530 lm

LED Module

3000 K

CRI ≥ 90

L70 / 55000h

≤ 3 SDCM (initial MacAdam)

531 lm

90 lm/W^b

Optical

Medium (standard)

beam angle 38°

CIE flux code: 96 99 100 100

100

Electrical

phase-cut dim

220 - 240 V

system 5.9 W

Class 1

Physical

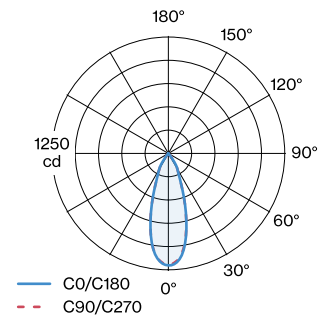
length 50 mm

width 50 mm

height 85 mm

0.24 kg

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses



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.