



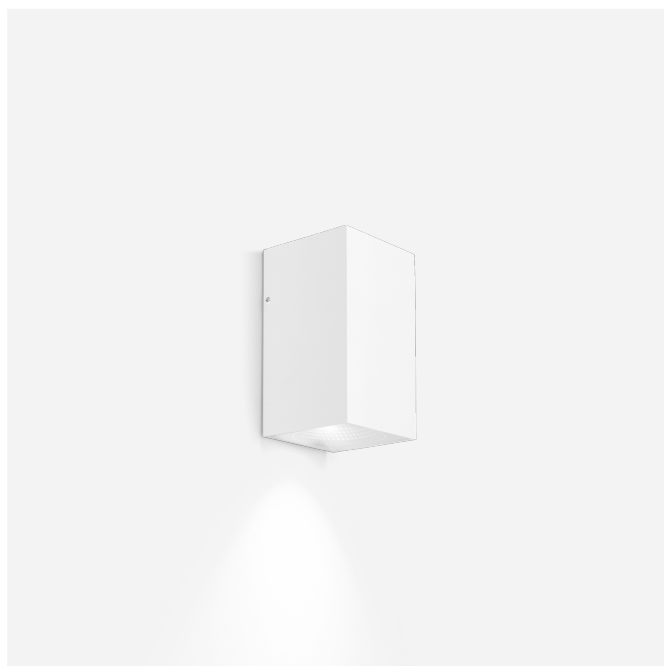
PROJECT

TYPE

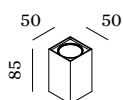
NOTES

QUANTITY

DATE



Rectangular wall surface luminaire made from aluminium; surface White Matt; powder coated; matt texture; RAL 9010; 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;



Luminaire

Wall
Surface
White Matt
RAL 9010 ^a
IP65
Exterior
405 lm

LED Module

3000 K
CRI ≥ 90
L70 / 50000 h
 ≤ 3 SDCM (initial MacAdam)
484 lm
82 lm/W ^b

Optical

Medium (standard)
beam angle 38°
CIE flux code: 97 100 100 100 100

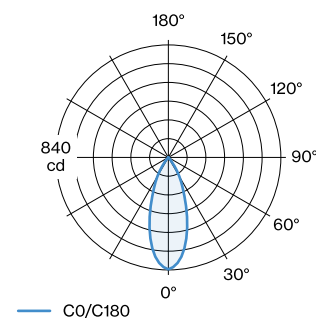
Electrical

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



CONE DIAGRAM

medium (standard) 38°

h (m)	E0° (lx)	ø (m)
1	836	0.69
2	209	1.38
3	93	2.06
4	52	2.75
5	33	3.44

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.