



PROJECT

TYPE

NOTES

QUANTITY

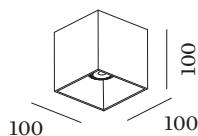
DATE



IP65



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9005; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; 220 - 240 V; degree of protection IP65; Class 1; optional single inner reflector and single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



Luminaire

Ceiling
Surface
Black Matt
RAL 9005 ^a
IP65
Exterior
525 lm

Module

2700 K
CRI ≥ 80
L70 / 50000 h
 ≤ 3 SDCM (initial MacAdam)
653 lm
82 lm/W ^b

Optical

Medium (standard)
beam angle 32°
CIE flux code: 95 100 100 100 100

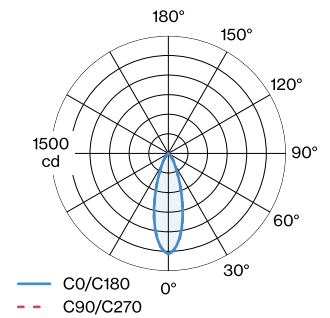
Electrical

phase-cut dim
220 - 240 V
system 7.9 W
Class 1

Physical

length 100 mm
width 100 mm
height 100 mm
0.67 kg

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical losses



CONE DIAGRAM

medium (standard) 32°

h (m)	E0° (lx)	ø (m)
1	1290	0.58
2	320	1.15
3	140	1.73
4	80	2.31
5	50	2.88

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.95	0.9	0.85	0.8	0.76
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.

OPTICAL ACCESSORIES

Single Inner Cover

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX max. 10W	Black		62-62-49	911011B1
BOX max. 10W	Dark Grey Texture		62-62-49	911011D1
BOX max. 10W	Bronze		62-62-49	911011Q1
BOX max. 10W	White		62-62-49	911011W1

Single Inner Reflector

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX max. 10W	Black		93.5-93.5-50.5	911211B1
BOX max. 10W	Dark Grey Texture		93.5-93.5-50.5	911211D1
BOX max. 10W	Bronze		93.5-93.5-50.5	911211Q1
BOX max. 10W	White		93.5-93.5-50.5	911211W1