



PROJECT

TYPE

NOTES

QUANTITY

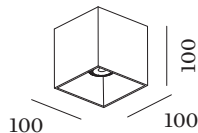
DATE



IP65



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Bronze; powder coated; matt texture; RAL 075 30 10; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2000 - 3000 K colour warm dimming; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; 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

Bronze

RAL 075 30 10 ^a

IP65

Exterior

400 lm

LED MODULE

colour warm dimming

2000 - 3000 K

CRI ≥ 90

L70 / 50000h

≤ 3 SDCM (initial MacAdam)

545 lm

90 lm/W ^b

OPTICAL

Medium (standard)

beam angle 21°

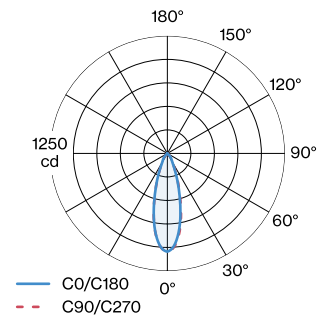
UGR ≤ 13

CIE flux code: 94 100 100 100

100

$\geq 65^\circ < 1500 \text{ cd/m}^2$

LIGHT DISTRIBUTION



ELECTRICAL

phase-cut dim

220 - 240 V

system 8.1 W

Class I

PHYSICAL

length 100 mm

width 100 mm

height 100 mm

0.67 kg

^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	0.77
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