



PROJECT

TYPE

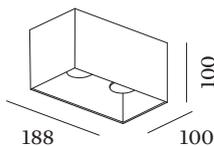
NOTES

QUANTITY

DATE



Rectangular ceiling surface mounted downlight made from die-cast aluminium; surface Bronze Brushed; RAL 7013; 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 IP20; Class 1; UGR ≤ 13 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; optional double 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 Brushed
 RAL 7013 ^a
 IP20
 Interior
 810 lm

LED Module

colour warm dimming
 2000 - 3000 K
 CRI ≥ 90
 L70 / 50000h
 ≤ 3 SDCM (initial MacAdam)
 1090 lm
 90 lm/W ^b

Optical

Medium (standard)
 beam angle 21°
 CIE flux code: 94 100 100 100
 100

Electrical

phase-cut dim
 220 - 240 V
 system 14.3 W
 Class I
 Standard

Physical

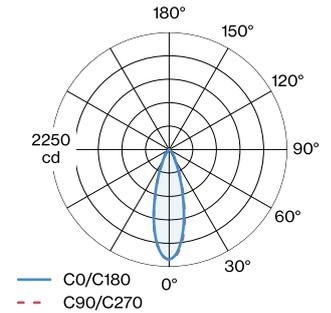
length 188 mm
 width 100 mm
 height 100 mm
 1.08 kg

datasheet.quicksum.material

Aluminium

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION



[186258Q9] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.


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

$$MF = LMF \times RSMF \times LLMF \times LSF$$

MF Maintenance Factor

RSMF^a Room Surface 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.

OPTICAL ACCESSORIES
Double Inner Reflector

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX 2.0 max. 10W	Black		181-93-50	911251B1
BOX 2.0 max. 10W	Gold		181-93-50	911251G1
BOX 2.0 max. 10W	Champagne		181-93-50	911251M1
BOX 2.0 max. 10W	White		181-93-50	911251W1

Single Inner Cover

Type	Colour	Voltage	L·W·H (MM)	Item number
BOX max. 10W	Black		62-62-49	911011B1
BOX max. 10W	Gold		62-62-49	911011G1
BOX max. 10W	Champagne		62-62-49	911011M1
BOX max. 10W	White		62-62-49	911011W1