PROJECT

TYPE

NOTES

QUANTITY

DATE

LUMINAIRE

Ceiling
Surface
White Matt
RAL 9010 [a]
IP20
Interior
840 lm

LED Module

colour warm dimming
2000 - 3000 K
CRI $\geq$ 90
L70 / 50000h
$\leq$ 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

2250 cd

180° 150° 120° 90° 60° 30° 0°

—— C0/C180
- - C90/C270
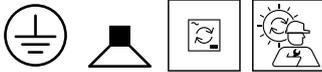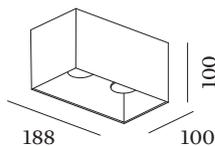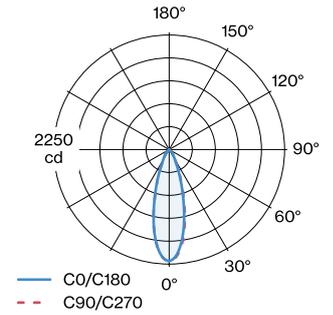
Rectangular ceiling surface mounted downlight made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9010; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2000 - 3000 K colour warm dimming; $\leq$ 3 SDCM (initial MacAdam); CRI $\geq$ 90; 220 - 240 V; degree of protection IP20; Class 1; UGR $\leq$ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° $\leq$ 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;

188   100   100

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		RSMF[a]	Room Surface Maintenance Factor
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor
LMF[a]	Luminaire Maintenance Factor		LSF	Lamp Survival Factor

[a]According 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