PROJECT

TYPE

NOTES

QUANTITY

DATE

LUMINAIRE

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

LED Module

3000 K
CRI ≥ 90
L70 / 50000h
≤ 3 SDCM (initial MacAdam)
760 lm
94 lm/W [b]

Optical

Medium (standard)
beam angle 21°
CIE flux code: 93 99 100 100 100

Electrical

DALI
220 - 240 V
system 8.1 W
Class I
Standard

Physical

diameter 114 mm
height 100 mm
0.7 kg

datasheet.quicksum.material

Aluminium

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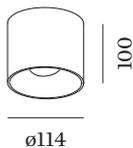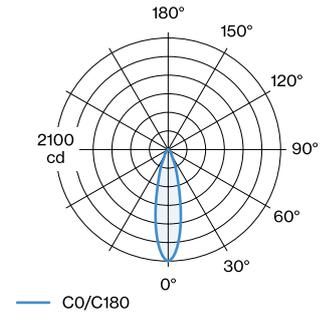[b] Without electrical and optical losses

LIGHT DISTRIBUTION

180°
150°
120°
90°
60°
30°
0°
2100 cd

—— C0/C180

Cylindrical 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; DALI dim; light colour 3000 K; ≤ 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° ≤ 1500 cd/m²; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;

100

ø114

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	$LMF \times RSMF \times LLMF \times LSF$		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

Single Inner Cover

Type	Colour	Voltage	Ø·H (MM)	Item number
RAY | max. 10W	Black		67·54	911041B1
RAY | max. 10W	Gold		67·54	911041G1
RAY | max. 10W	Champagne		67·54	911041M1
RAY | max. 10W	White		67·54	911041W1