



PROJECT

TYPE

NOTES

QUANTITY

DATE



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Champagne; wet painted; brushed; 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° ≤ 1500 cd/m²; optional 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
Champagne
IP20
Interior
470 lm

LED Module

colour warm dimming
2000 - 3000 K
CRI ≥ 90
 ≤ 3 SDCM (initial MacAdam)
551 lm
91 lm/W ^a

Optical

Medium (standard)
beam angle 21°
CIE flux code: 95 99 100 100
100

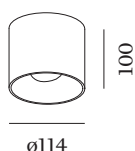
Electrical

phase-cut dim
220 - 240 V
system 8.0 W
Class I

Physical

diameter 114 mm
height 100 mm
0.7 kg

^a 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	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