



PROJECT

TYPE

NOTES

QUANTITY

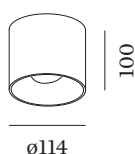
DATE



IP65



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Anthracite Grey; powder coated; matt texture; RAL 7016; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; 220 - 240 V; degree of protection IP65; Class I; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Surface
Anthracite Grey
RAL 7016 ^a
IP65
Exterior
670 lm

LED Module

2700 K
CRI ≥ 90
 ≤ 3 SDCM (initial MacAdam)
637 lm
80 lm/W ^b

Optical

Medium (standard)
beam angle 21°
CIE flux code: 96 100 100 100
100

Electrical

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

Physical

diameter 114 mm
height 100 mm
0.63 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	0	0	0	0
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	Anthracite Grey		67-54	911041A1
RAY max. 10W	Black		67-54	911041B1
RAY max. 10W	Dark Grey Texture		67-54	911041D1
RAY max. 10W	White		67-54	911041W1