



PROJECT

TYPE

NOTES

QUANTITY

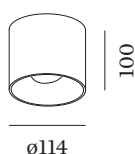
DATE



IP65



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; 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

Black Matt

RAL 9011^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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^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