WEVER & DUCRÉ LIGHTING

RAY OUTDOOR 1.0

735458D3

PROJECT

TYPE

NOTES

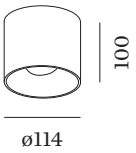
QUANTITY

DATE



IP65

Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Grey Texture; powder coated; matt texture; RAL 9007; 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 1; optional single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling
Surface
Grey Texture
RAL 9007 [a]
IP65
Exterior
585 lm

LED MODULE

2700 K
CRI ≥ 90
L70 / 50000h
≤ 3 SDCM (initial MacAdam)
730 lm
91 lm/W [b]

OPTICAL

Medium (standard)
beam angle 21°
UGR ≤ 13
CIE flux code: 93 99 100 100 100
≥65° < 1500 cd/m²

ELECTRICAL

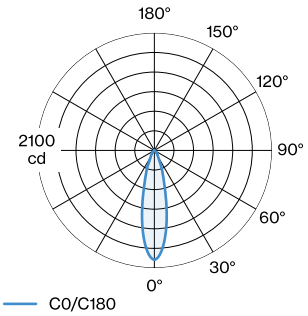
phase-cut dim
220 - 240 V
system 8.1 W
Class I

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

LIGHT DISTRIBUTION



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

[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	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

['735458D3'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.
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