



WEVER & DUCRÉ  
LIGHTING

# RAY OUTDOOR 1.0

735464W4

Project
Type
Notes
Quantity
Date

## GENERAL

Ceiling  
 Surface  
 White Matt  
 RAL 9003<sup>a</sup>  
 IP65  
 Exterior  
 720 lm

## LED

3000 K  
 CRI ≥ 90  
 L70 / 50000 h  
 3-step binning

## OPTICAL

Flood  
 Beam angle 21°

## ELECTRICAL

phase-cut dim  
 220 - 240 V  
 Total connected power 8.0 W  
 Class 1  
 Safety distance 0.3 m

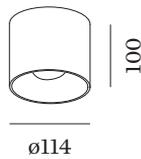
## PHYSICAL

Diameter 114 mm  
 Height 100 mm  
 0.6 kg

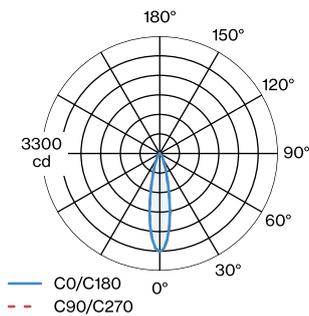
<sup>a</sup> Color may deviate slightly due to production conditions.



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9003; optional single inner reflector and single inner cover available; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam 3 SDCM; CRI 90; 220 - 240 V; degree of protection IP65; PC1; light source replaceable by an authorized professional;



## LIGHT DISTRIBUTION



[735464W4] 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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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.95	0.9	0.85	0.8	0.76
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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

### Single Inner Cover

TYPE	COLOUR	Ø-H (MM)	ORDERCODE
RAY   max. 10W	Anthracite Grey	ø67-54	9 1 1 0 4 1 A 1
RAY   max. 10W	Black	ø67-54	9 1 1 0 4 1 B 1
RAY   max. 10W	Dark Grey Texture	ø67-54	9 1 1 0 4 1 D 1
RAY   max. 10W	White	ø67-54	9 1 1 0 4 1 W 1