



WEVER & DUCRÉ  
LIGHTING

# RAY 1.0 LED

186764W2 911041G1

Project	.....
Type	.....
Notes	.....
Quantity	.....
Date	.....

## GENERAL

Ceiling

Surface

White Matt

Inset: Gold

RAL 9003<sup>a</sup>

IP20

Interior

555 lm

## LED

2700 K

CRI ≥ 90

L70 / 50000 h

3-step binning

## OPTICAL

Flood

Beam angle 21°

## ELECTRICAL

phase-cut dim

220 - 240 V

Total connected power 7.9 W

Class 1

Safety distance 0.3 m

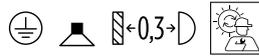
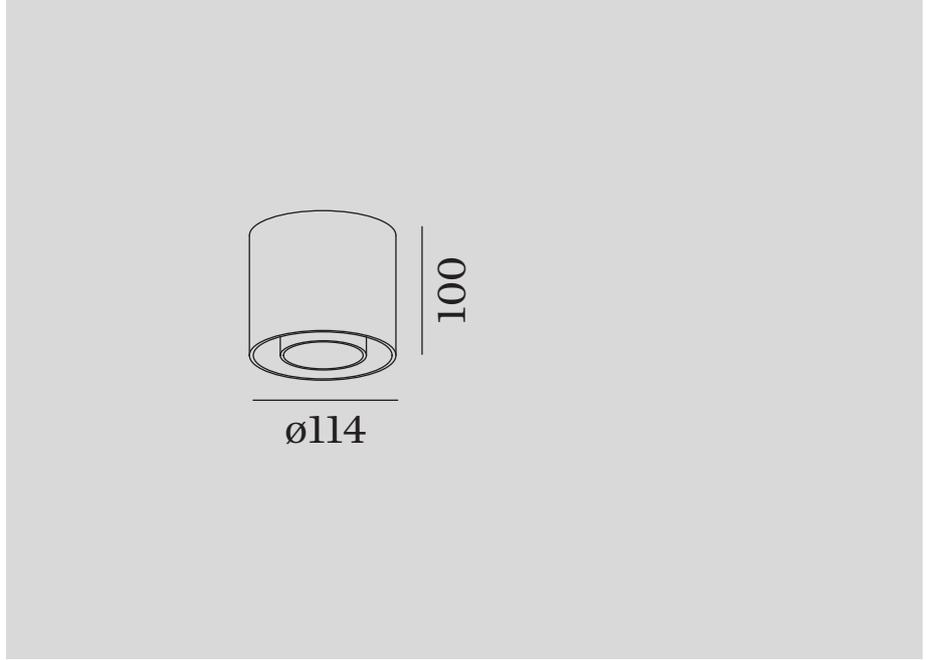
## PHYSICAL

Diameter 114 mm

Height 100 mm

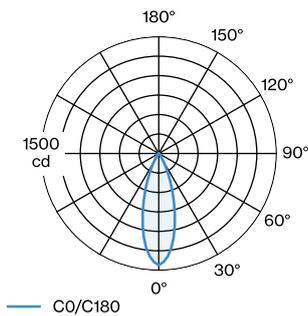
0.7 kg

<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 cover available; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam 3 SDCM; CRI 90; 220 - 240 V; degree of protection IP20; PC1; light source replaceable by an authorized professional;

## LIGHT DISTRIBUTION



[186764W2', '911041G1'] 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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## CONE DIAGRAM

flood 32°

h (m)	EO <sup>2</sup> (lx)	ø (m)
1	1430	0.58
2	360	1.16
3	160	1.74
4	90	2.32
5	60	2.91

## 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	Black	ø67·54	9 1 1 0 4 1 B 1
RAY   max. 10W	Gold	ø67·54	9 1 1 0 4 1 G 1
RAY   max. 10W	White	ø67·54	9 1 1 0 4 1 W 1