



WEVER & DUCRÉ
LIGHTING

RAY 1.0 LED

186764W4 911041B1

Project
Type
Notes
Quantity
Date

GENERAL

Ceiling

Surface

White Matt

Inset: Black

RAL 9003^a

IP20

Interior

540 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 7.9 W

Class 1

Safety distance 0.3 m

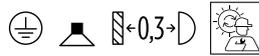
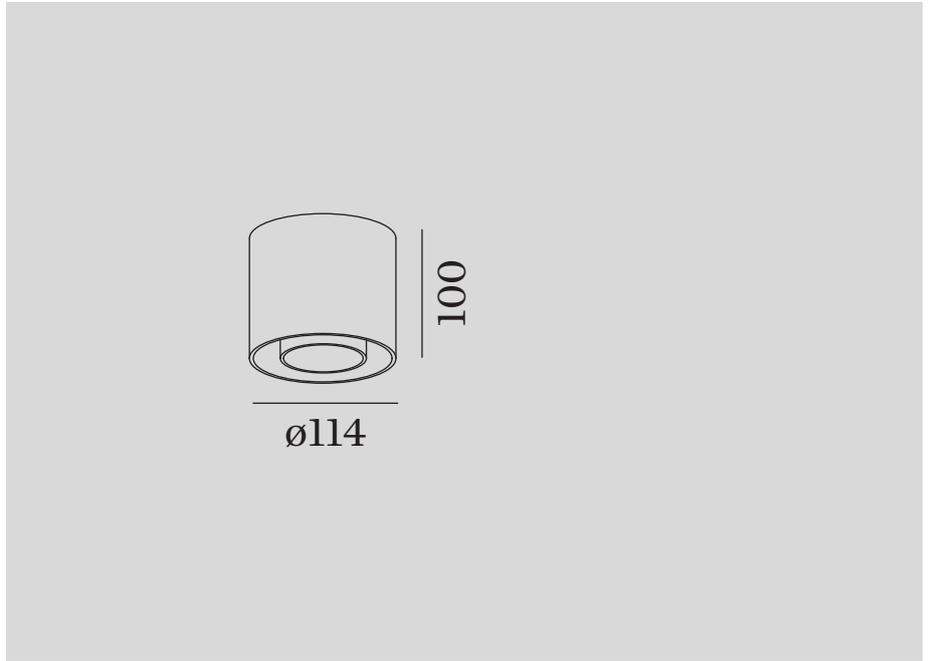
PHYSICAL

Diameter 114 mm

Height 100 mm

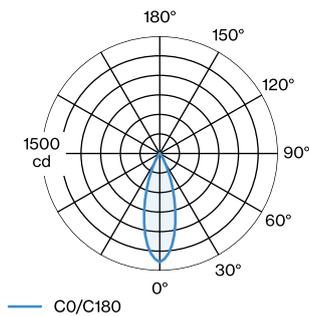
0.7 kg

^a 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 3000 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



[186764W4', '911041B1'] 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 ² (lx)	ø (m)
1	1390	0.58
2	350	1.16
3	150	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 ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^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

Single Inner Cover

TYPE	COLOUR	Ø-H (MM)	ORDERCODE
RAY max. 10W	Black	ø67-54	911041B1
RAY max. 10W	Gold	ø67-54	911041G1
RAY max. 10W	White	ø67-54	911041W1