



WEVER & DUCRÉ
LIGHTING

RAY OUTDOOR 1.0

735364W4

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Surface

Signal White

IP65

Exterior

560 lm

RAL 9003^a

LED

3000 K

CRI 80

L70 B50 / 50000h

3-step binning

OPTICAL

Flood

Beam angle 32°

PHYSICAL

Diameter 114 mm

Height 100 mm

0.63 kg

ELECTRICAL

phase-cut dim

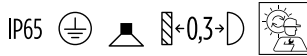
220 - 240 V

Total connected power 7.9 W

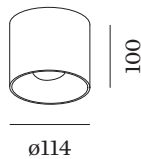
Class 1

Safety distance 0.3 m

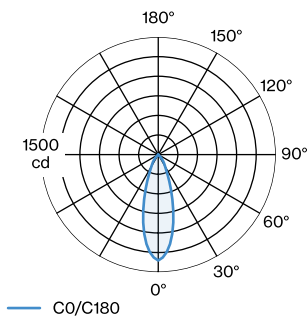
^a Color may deviate slightly due to production conditions.



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Signal White; powder coated; matt texture; RAL 9003; optional single inner reflector and single inner cover available; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; phase-cut dim; light colour 3000 K; binning initial MacAdam 3 SDCM; CRI 80; 220 - 240 V; degree of protection IP65; PC1; light source replaceable by an authorized professional;



LIGHT DISTRIBUTION



[735364W4] 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 ³ (lx)	ø (m)
1	1350	0.58
2	340	1.16
3	150	1.74
4	80	2.32
5	50	2.90

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.