



WEVER & DUCRÉ
LIGHTING

RAY 1.0 LED

146764L4

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Surface

Aluminium Brushed

IP20

Interior

550 lm

LED

3000 K

CRI 80

L70 / 50000 h

3-step binning

OPTICAL

Flood

Beam angle 32°

PHYSICAL

Diameter 114 mm

Height 100 mm

0.7 kg

ELECTRICAL

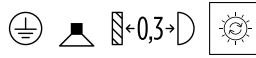
phase-cut dim

220 - 240 V

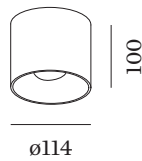
Total connected power 7.9 W

PC1

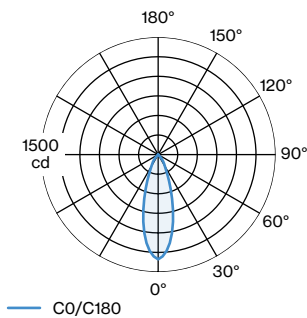
Safety distance 0.3 m



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Aluminium Brushed; wet painted; optional 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 3 MacAdam; CRI 80; 220 - 240 V; degree of protection IP20; PC1; UGR 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° 1500 cd/m²; light source replaceable by end-user;



LIGHT DISTRIBUTION





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CONE DIAGRAM

flood 32°

h (m)	EO ² (lx)	ø (m)
1	1338	0.58
2	334	1.16
3	149	1.73
4	84	2.31
5	54	2.89

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	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