



WEVER & DUCRÉ
LIGHTING

RAY 1.0 LED

186764B4

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling

Surface

Black Matt

RAL 9011^a

IP20

Interior

710 lm

LED

3000 K

CRI \geq 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

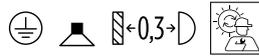
PHYSICAL

Diameter 114 mm

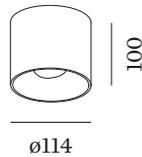
Height 100 mm

0.7 kg

^a Color may deviate slightly due to production conditions.



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; optional single inner cover available; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 90; 220 - 240 V; degree of protection IP20; PC1; UGR \leq 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° \leq 1500 cd/m²; light source replaceable by an authorized professional;





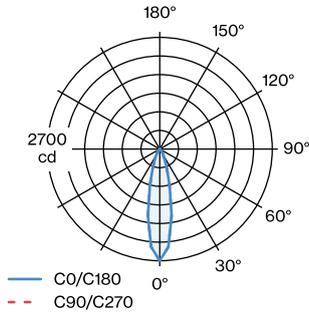
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LIGHT DISTRIBUTION



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	$LMF \times RSMF \times LLMF \times LSF$	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