



WEVER & DUCRÉ
LIGHTING

ROOMOR OFFICE SURFACE 1.0

1683M5B5

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling, Surface

Black Matt

RAL 9005^a

IP20

Interior

Output: 3660 lm

CIE flux code: 65 89 97 100 100

LED

3000 K

CRI ≥ 90

L80 / 60000 h

3 SDCM

OPTICAL

Microprismatic

UGR < 19

≥ 3000 cd/m²

ELECTRICAL

DALI-2

220 - 240 V

Total connected power 35 W

Class 1

PHYSICAL

Diameter 560 mm

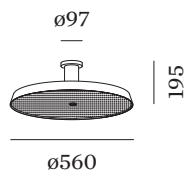
Height 195 mm

4.2 kg

^a Color may deviate slightly due to production conditions.



Round shape ceiling surface luminaire made from die-cast aluminium; microprismatic PMMA cover; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m²; surface Black Matt wet painted; matt texture; RAL 9005; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; degree of protection IP20; PC1; driver included; light source replaceable by an authorized professional; control gear replaceable by end-user;

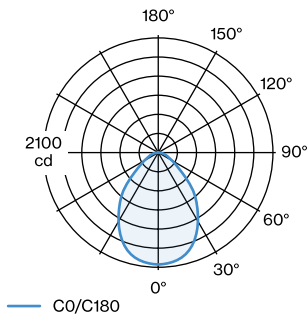


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LIGHT DISTRIBUTION



Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.9	0.87
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.