



WEVER & DUCRÉ
LIGHTING

ROOMOR OFFICE SURFACE 1.0

1683M5W5

Project

Type

Notes

Quantity

Date

GENERAL

Ceiling, Surface

White Matt

RAL 9003^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

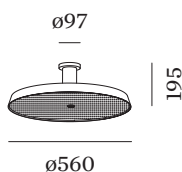
Height 195 mm

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 $65^\circ \leq 3000$ cd/m²; surface White Matt wet painted; matt texture; RAL 9003; 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;

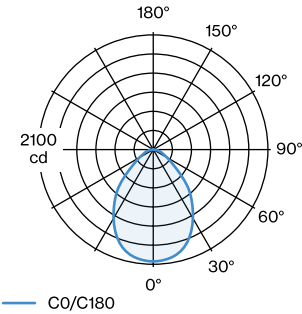


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LIGHT DISTRIBUTION



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.