



WEVER & DUCRÉ
LIGHTING

RAY 1.0 LED

186764B4 911041W1

GENERAL

Ceiling

Surface

Black Matt

Inset: White

RAL 9011 ^a

IP20

Interior

610 lm

LED

3000 K

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.

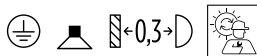
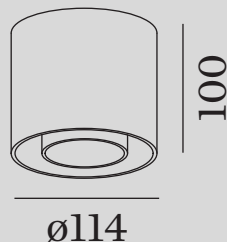
Project

Type

Notes

Quantity

Date



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 ≤ 3 SDCM; CRI ≥ 80 ; 220 - 240 V; degree of protection IP20; PC1; light source replaceable by an authorized professional;



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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 |