



WEVER & DUCRÉ  
LIGHTING

# CLEA 2.0

181284B5

Project

Type

Notes

Quantity

Date

## GENERAL

Ceiling

Surface

Black Matt

RAL 9011<sup>a</sup>

IP20

Interior

835 lm

## LED

3000 K

CRI  $\geq$  90

L80 / 50000 h

2-step binning

## OPTICAL

Opal

## ELECTRICAL

phase-cut dim

220 - 240 V

Total connected power 14.1 W

Class 1

Safety distance 0.3 m

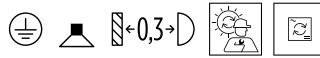
## PHYSICAL

Diameter 500 mm

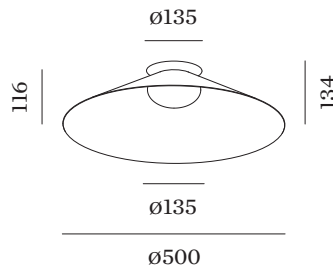
Height 134 mm

1.3 kg

<sup>a</sup> Color may deviate slightly due to production conditions.



Round shape ceiling surface mounted luminaire with diffuse light; aluminium base in White Matt wet painted; matt texture; steel diffuser; surface Black Matt wet painted; matt texture; RAL 9011; white opal glass handblown; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam  $\leq$  2 SDCM; CRI  $\geq$  90; CRI (Colour Rendering Index)  $\geq$  90; degree of protection IP20; PC1; driver included; light source replaceable by an authorized professional; control gear replaceable by end-user;



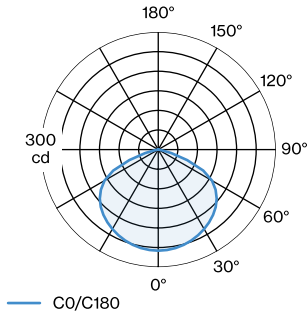


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## LIGHT DISTRIBUTION



## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF	$LMF \times RSMF \times LLMF \times LSF$	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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.