



WEVER & DUCRÉ  
LIGHTING

# CLEA 1.0

181184FJ5

Project

Type

Notes

Quantity

Date

## GENERAL

Ceiling

Surface

Feel Jade

similar to NCS S 2005 - G90Y<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

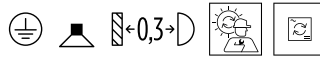
## PHYSICAL

Diameter 350 mm

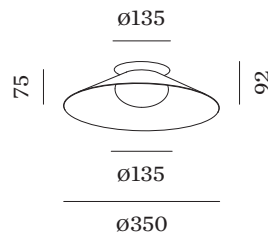
Height 92 mm

0.8 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 Feel Jade wet painted; matt texture; similar to NCS S 2005 - G90Y; 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;



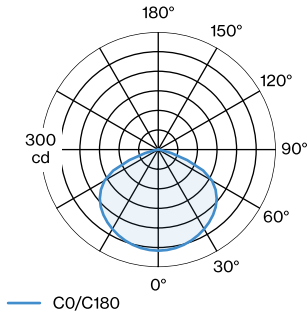


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## LIGHT DISTRIBUTION



## 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.