



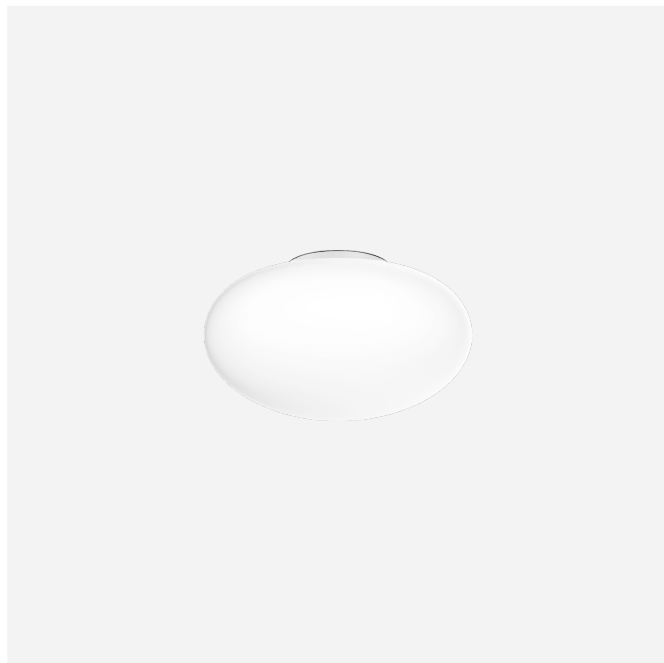
## PROJECT

## TYPE

## NOTES

## QUANTITY

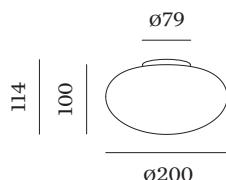
## DATE



IP44



Round shape ceiling surface luminaire with diffuse light; with round base made from aluminium; white opal glass; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K;  $\leq 2$  SDCM (initial MacAdam); CRI  $\geq 95$ ; degree of protection IP44; Class I; UGR  $\leq 19$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 3000 \text{ cd/m}^2$ ; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



## LUMINAIRE

Ceiling  
Surface  
White Opal Glass  
No matching RAL  
IP44  
Interior  
645 lm

## LED Module

2700 K  
CRI  $\geq 95$   
L80 / 60000 h  
 $\leq 2$  SDCM (initial MacAdam)

## Optical

Opal  
beam angle  $360^\circ$   
UGR  $\leq 19$   
CIE flux code: 33 60 82 64 100  
 $\geq 65^\circ < 3000 \text{ cd/m}^2$

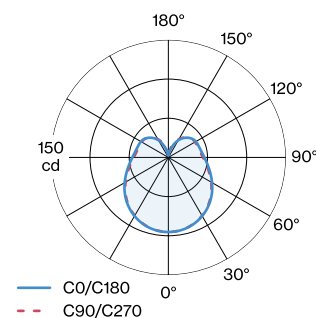
## Electrical

phase-cut dim  
220 - 240 V  
system 8.3 W  
Class I  
Standard

## Physical

diameter 200 mm  
height 114 mm  
0.55 kg

## LIGHT DISTRIBUTION





## Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.97   | 0.93   | 0.9    | 0.86   | 0.82   |
| LSF                | 1      | 1      | 1      | 1      | 1      |

MF LMF × RSMF × LLMF × LSF

MF Maintenance Factor

LMF<sup>a</sup> Luminaire Maintenance Factor

RSMF<sup>a</sup> Room Surface Maintenance Factor

LLMF Lamp Lumens Maintenance Factor

LSF Lamp Survival Factor

<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.