



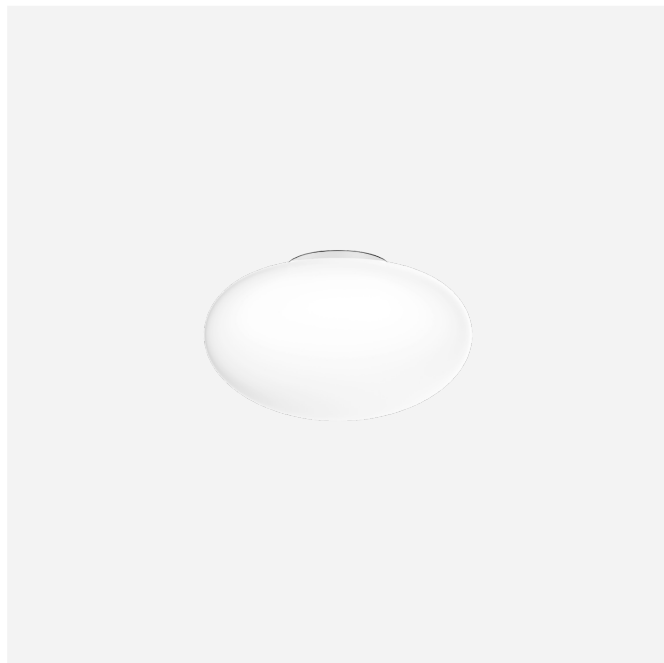
PROJECT

TYPE

NOTES

QUANTITY

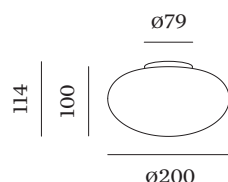
DATE



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 3000 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 95 ; degree of protection IP44; Class I; UGR ≤ 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
665 lm

LED Module

3000 K
CRI ≥ 95
L80 / 60000 h
 ≤ 2 SDCM (initial MacAdam)

Optical

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

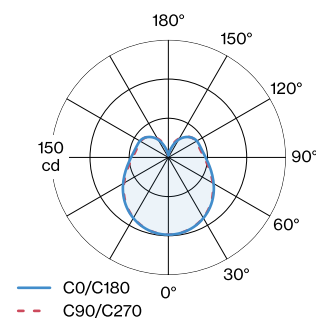
Electrical

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	$LMF \times RSMF \times LLMF \times LSF$	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^aAccording to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.