



PROJECT

TYPE

NOTES

QUANTITY

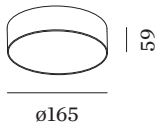
DATE



IP44



Round shape ceiling surface luminaire made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9010; opal PMMA cover; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; degree of protection IP44; Class 1; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



GENERAL

Ceiling _____
 Surface _____
 White Matt _____
 RAL 9010 ^a _____
 IP44 _____
 Interior _____
 1130 lm _____
 CIE flux code: 46 78 95 99 100 _____

LED

3000 K _____
 CRI ≥ 90 _____
 L80 / 60000h _____
 initial MacAdam ≤ 3 SDCM _____

OPTICAL

Opal _____

ELECTRICAL

phase-cut dim _____
 220 - 240 V _____
 system 12.3 W _____
 Class 1 _____

PHYSICAL

diameter 165 mm _____
 height 59 mm _____
 1 kg _____

^a Colour may deviate slightly due to production conditions.



Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.98	0.95	0.93	0.91	0.89
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.

ELECTRICAL ACCESSORIES

Dimmer

Type	Colour	Voltage	L·W·H (MM)	Item number
for switch		230V	46·17.5·46	90019017
DIN RAIL	White	230V	17·55·90	90019018