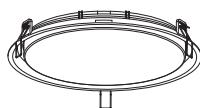
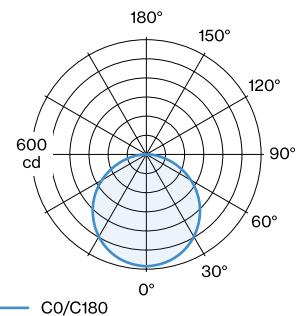



PROJECT
TYPE
NOTES
QUANTITY
DATE


Round ceiling recessed luminaire made from aluminium; opal PMMA cover; surface White Matt; powder coated; matt texture; RAL 9010; installation without tools using blade springs; recessed depth 50 mm; suitable for ceiling thickness of 4-22 mm; PCB 3-step binning; phase-cut dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP44; Class 1; light source replaceable by Wever & Ducré or by a professional with explicit authorization;


Ø305
48
LUMINAIRE
Ceiling
Recessed
White Matt
RAL 9010 ^a
front IP44
back IP20
Interior
1740 lm
LIGHT DISTRIBUTION

LED Module
3000 K
CRI ≥ 90
L80 / 60000h
 ≤ 3 SDCM (initial MacAdam)
2150 lm
117 lm/W ^b
Optical
Opal
CIE flux code: 46 77 94 100
100
Electrical
phase-cut dim
220 - 240 V
system 18.4 W
Class I
Physical
diameter 305 mm
height 48 mm
1.05 kg
wire springs
Cutout
diameter 297-300 mm
min. ceiling thickness 4 mm
max. ceiling thickness 22 mm
recessed depth 50 mm

^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses


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	$LMF \times RSMF \times LLMF \times LSF$	RSMFa	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMFa	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.