



PROJECT _____

TYPE _____

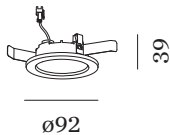
NOTES _____

QUANTITY _____

DATE _____



Round ceiling recessed luminaire made from aluminium; opal PMMA cover; surface Black Matt; powder coated; matt texture; RAL 9011; installation without tools using blade springs; recessed depth 50 mm; PCB 3-step binning; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; degree of protection IP44; Class 3; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



Luminaire

Ceiling _____

Recessed _____

Black Matt _____

RAL 9011 ^a _____

front IP44 _____

back IP20 _____

Interior _____

540 lm _____

LED Module

3000 K _____

CRI ≥ 90 _____

L80 / 100000h _____

≤ 3 SDCM (initial MacAdam) _____

539 lm _____

95 lm/W ^b _____

Optical

Opal _____

CIE flux code: 50 81 97 100 100 _____

Electrical

excl. driver _____

18 V _____

Class 3 _____

Physical

diameter 92 mm _____

height 39 mm _____

0.1 kg _____

blade springs _____

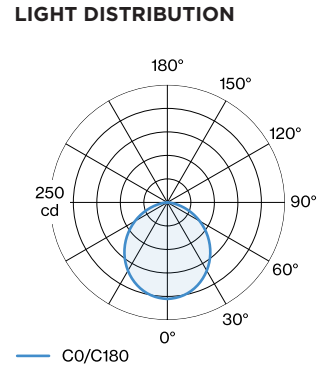
Cutout

diameter 76-79 mm _____

min. ceiling thickness 12 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	0.96	0.94	0.92	0.9
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

Driver

Type	Colour	Voltage	L·W·H (MM)	Item number
6W 350mA 8.6-18V		8.6-18V	67-39-22	90213303
10W 350mA 1-10V dim		14-28V	101.5-51-29.5	90223401
10W 350mA phase-cut dim		12-28V	102-38-21	90223402
14W 350mA 2.5-42V DALI-2		2.5-42V	145-33-21	90243501
17W 350mA 10-49V DALI		10-49V	108-52-22	90243601