



PROJECT _____

TYPE _____

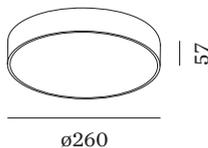
NOTES _____

QUANTITY _____

DATE _____



Round shape ceiling surface luminaire made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; opal PMMA cover; PCB 3-step binning; phase-cut dim; light colour 2700 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP44; Class I; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling _____
 Surface _____
 Black Matt _____
 RAL 9011 ^a _____
 IP44 _____
 Interior _____
 1580 lm _____

LED Module

2700 K _____
 CRI ≥ 90 _____
 L80 / 60000h _____
 ≤ 3 SDCM (initial MacAdam) _____
 2140 lm _____
 117 lm/W ^b _____

Optical

Opal _____
 CIE flux code: 46 77 95 99 100 _____

Electrical

phase-cut dim _____
 220 - 240 V _____
 system 18.3 W _____
 Class I _____
 Standard _____

Physical

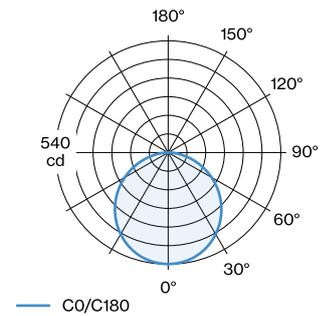
diameter 260 mm _____
 height 57 mm _____
 1.55 kg _____

datasheet.quicksum.material

Aluminium _____

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION





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