

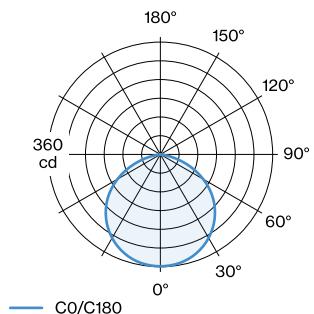

**PROJECT**
**TYPE**
**NOTES**
**QUANTITY**
**DATE**

**IP44**


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; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; degree of protection IP44; Class 1; light source replaceable by Wever & Ducré or by a professional with explicit authorization;

**GENERAL**

Ceiling  
Surface  
Black Matt  
RAL 9011 <sup>a</sup>  
IP44  
Interior  
1010 lm  
CIE flux code: 49 82 98 100  
100

**LIGHT DISTRIBUTION**

**LED**

2700 K  
CRI  $\geq$  90  
L80 / 60000h  
initial MacAdam  $\leq$  3 SDCM

**OPTICAL**

Opal

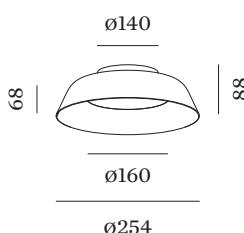
**ELECTRICAL**

phase-cut dim  
220 - 240 V  
system 12.1 W  
Class 1

**PHYSICAL**

diameter 254 mm  
height 88 mm  
1.15 kg

<sup>a</sup> 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	$LMF \times RSMF \times LLMF \times LSF$	RSMFa	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMFa	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup>According 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	Colour	Voltage	L·W·H (MM)	Item number
Type for switch		230V	46-17.5-46	90019017
DIN RAIL	White	230V	17.55-90	90019018