



PROJECT

TYPE

NOTES

QUANTITY

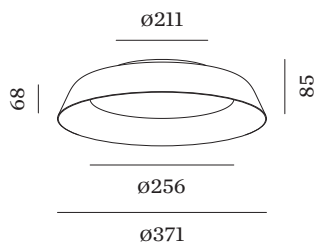
DATE



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; ≤ 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;



LUMINAIRE

Ceiling

Surface

Black Matt

RAL 9011 ^a

IP44

Interior

1560 lm

LED Module

2700 K

CRI ≥ 90

L80 / 60000h

≤ 3 SDCM (initial MacAdam)

2140 lm

117 lm/W ^b

Optical

Opal

CIE flux code: 49 82 98 100

100

Electrical

phase-cut dim

220 - 240 V

system 18.3 W

Class I

Standard

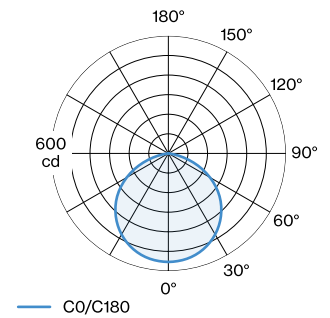
Physical

diameter 371 mm

height 85 mm

3.4 kg

LIGHT DISTRIBUTION



^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 × RSMF × LLMF × LSF

MF Maintenance Factor

LMF^a Luminaire Maintenance Factor

RSMF^a Room Surface Maintenance Factor

LLMF Lamp Lumens 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