



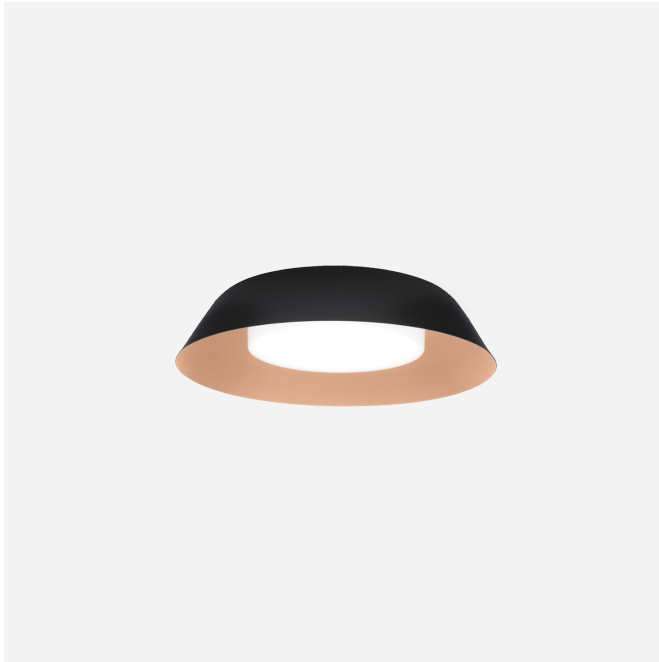
PROJECT

TYPE

NOTES

QUANTITY

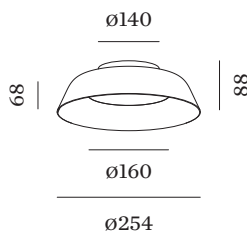
DATE



IP44



Round shape ceiling surface luminaire made from die-cast aluminium; surface Black Matt + Copper; wet painted, matt smooth; RAL 9011; opal PMMA cover; PCB 3-step binning; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 + Copper
RAL 9011^a
IP44
Interior
1040 lm
CIE flux code: 49 82 98 100 100

LED

2700 K
CRI ≥ 90
L80 / 60000h
initial MacAdam ≤ 3 SDCM

OPTICAL

Opal

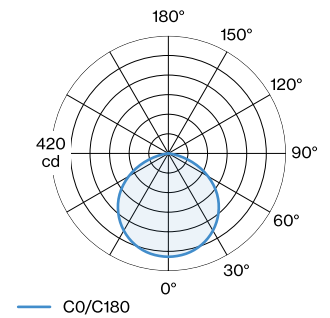
ELECTRICAL

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

PHYSICAL

diameter 254 mm
height 88 mm
1.15 kg

LIGHT DISTRIBUTION



^a 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 × RSMF × LLMF × 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