



PROJECT

TYPE

NOTES

QUANTITY

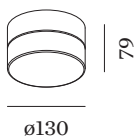
DATE



IP65



Round ceiling surface luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; clear + frosted glass; PCB 3-step binning; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; degree of protection IP65; Class 1; light source not replaceable;



Luminaire

Ceiling / Wall

Surface

Black Matt

RAL 9011 ^a

IP65

Exterior

950 lm

950 lm

Module

3000 K

CRI ≥ 90

L80 / 50000h

initial MacAdam ≤ 3 SDCM

1122 lm

117 lm/W

Optical

CIE flux code: 40 71 91 90 100

Electrical

phase-cut dim

220 - 240 V

system 9.6 W

Class 1

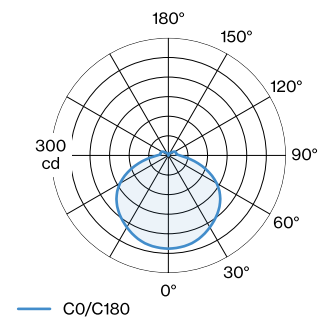
Physical

diameter 130 mm

height 79 mm

1 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	0.92	0.89	0.86
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.