



PROJECT

TYPE

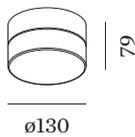
NOTES

QUANTITY

DATE



Round ceiling surface luminaire made from aluminium; surface White Matt; powder coated; matt texture; RAL 9010; clear + frosted glass; PCB 3-step binning; phase-cut dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP65; Class 1; light source not replaceable;



LUMINAIRE

Ceiling
 Surface
 White Matt
 RAL 9010 ^a
 IP65
 Exterior
 950 lm

LED Module

3000 K
 CRI ≥ 90
 L80 / 50000h
 ≤ 3 SDCM (initial MacAdam)
 1120 lm
 117 lm/W ^b

Optical

Opal
 CIE flux code: 40 71 91 90 100

Electrical

phase-cut dim
 220 - 240 V
 system 9.6 W
 Class I
 Standard

Physical

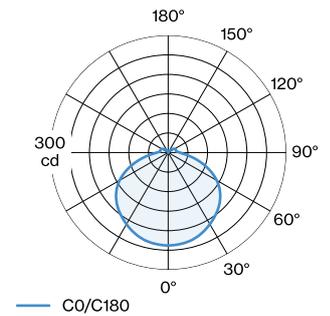
diameter 130 mm
 height 79 mm
 1 kg

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 | 0.92 | 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.