



PROJECT _____

TYPE _____

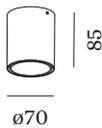
NOTES _____

QUANTITY _____

DATE _____



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface White Matt; powder coated; matt texture; RAL 9010; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 30°; degree of protection IP20; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



LUMINAIRE

- _____ Ceiling
- _____ Surface
- _____ White Matt
- _____ RAL 9010 ^a
- _____ IP20
- _____ Interior
- _____ 450 lm

LED Module

- _____ 2700 K
- _____ CRI ≥ 90
- _____ L80 / 55000h
- _____ ≤ 2 SDCM (initial MacAdam)
- _____ 525 lm
- _____ 101 lm/W ^b

Optical

- _____ Medium (standard)
- _____ beam angle 30°
- _____ CIE flux code: 91 96 99 100
- _____ 100

Electrical

- _____ phase-cut dim
- _____ 220 - 240 V
- _____ system 6.8 W
- _____ Class I
- _____ Standard

Physical

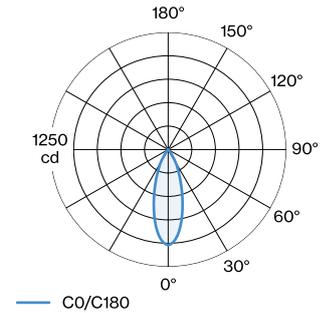
- _____ diameter 70 mm
- _____ height 85 mm
- _____ 0.19 kg

datasheet.quicksum.material

Aluminium _____

^a Colour may deviate slightly due to production conditions
^b Without electrical and optical losses

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 34°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1020 | 0.61 |
| 2 | 250 | 1.22 |
| 3 | 110 | 1.84 |
| 4 | 60 | 2.45 |
| 5 | 40 | 3.06 |

Maintenance Factor

| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF | 0.98 | 0.95 | 0.93 | 0.9 | 0.88 |
| LSF | 1 | 1 | 1 | 1 | 1 |

MF $LMF \times RSMF \times LLMF \times LSF$

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.