



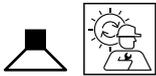
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____



Round ceiling recessed downlight made from die-cast aluminium; with trim; surface White Matt; powder coated, matt texture; RAL 9010; installation without tools using wire springs; suitable for ceiling thickness of 4-25 mm; recessed depth 68 mm; with COB (Chip on Board) technology for maximum efficiency; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; beam angle 32°; degree of protection IP20; Class 3; driver not included; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

Ceiling _____
 Recessed _____
 White Matt _____
 RAL 9010 ^a _____
 IP20 _____
 IC rated _____
 Interior _____
 405 lm / 250mA _____

LED Module

2700 K _____
 CRI ≥ 90 _____
 L80 / 50000h _____
 ≤ 2 SDCM (initial MacAdam) _____
 430 lm / 250mA _____
 102 lm/W ^b _____
 4.2 W ^b _____

Optical

Medium (standard) _____
 beam angle 32° _____
 CIE flux code: 95 99 100 100 _____
 100 _____

Electrical

excl. driver _____
 17 V _____
 Class III _____
 Standard _____

Physical

diameter 45 mm _____
 height 42 mm _____
 0.06 kg _____
 wire springs _____

Cutout

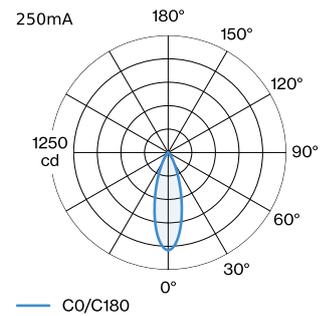
diameter 40-41 mm _____
 min. ceiling thickness 4 mm _____
 max. ceiling thickness 25 mm _____
 recessed depth 68 mm _____

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) 250mA

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 1040 | 0.56 |
| 2 | 260 | 1.13 |
| 3 | 120 | 1.69 |
| 4 | 70 | 2.25 |
| 5 | 40 | 2.82 |

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.

ELECTRICAL ACCESSORIES

Driver

| Type | Colour | Voltage | L·W·H (MM) | Item number |
|--|--------|---------|------------|-------------|
| 5W 250mA 12-21V phase-cut dim | | 12-21V | 68-33-22 | 90226201 |
| 10W 250mA 10-40V DALI-2 push dim | | 10-40V | 166-29-21 | 90246403 |