



PROJECT _____

TYPE _____

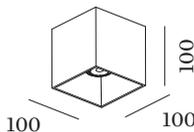
NOTES _____

QUANTITY _____

DATE _____



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Black Matt; powder coated; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; 220 - 240 V; degree of protection IP65; Class I; optional single inner reflector and single inner cover available; light source replaceable by Wever & Ducré or by a professional with explicit authorization;



LUMINAIRE

| |
|-----------------------|
| Ceiling |
| Surface |
| Black Matt |
| RAL 9011 ^a |
| IP65 |
| Exterior |
| 605 lm |

LED Module

| |
|---------------------------------|
| 3000 K |
| CRI ≥ 90 |
| L70 / 50000h |
| ≤ 3 SDCM (initial MacAdam) |
| 760 lm |
| 94 lm/W ^b |

Optical

| |
|----------------------------------|
| Medium (standard) |
| beam angle 21° |
| CIE flux code: 93 99 100 100 100 |

Electrical

| |
|---------------|
| phase-cut dim |
| 220 - 240 V |
| system 8.1 W |
| Class I |
| Standard |

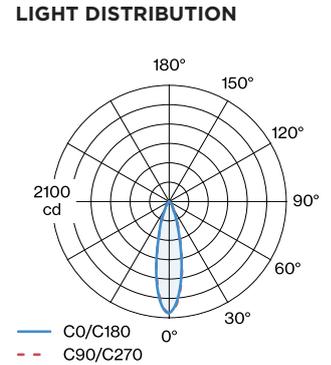
Physical

| |
|---------------|
| length 100 mm |
| width 100 mm |
| height 100 mm |
| 0.67 kg |

datasheet.quicksum.material

Aluminium

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




Maintenance Factor

| | | | | | |
|--------------------|--------|--------|--------|--------|--------|
| Operating Time [h] | 10.000 | 20.000 | 30.000 | 40.000 | 50.000 |
| LLMF | 0 | 0 | 0 | 0 | 0 |
| 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.

OPTICAL ACCESSORIES
Single Inner Cover

| Type | Colour | Voltage | L·W·H (MM) | Item number |
|----------------|-------------------|---------|------------|-------------|
| BOX max. 10W | Black | | 62-62-49 | 911011B1 |
| BOX max. 10W | Dark Grey Texture | | 62-62-49 | 911011D1 |
| BOX max. 10W | Bronze | | 62-62-49 | 911011Q1 |
| BOX max. 10W | White | | 62-62-49 | 911011W1 |

Single Inner Reflector

| Type | Colour | Voltage | L·W·H (MM) | Item number |
|----------------|-------------------|---------|----------------|-------------|
| BOX max. 10W | Black | | 93.5-93.5-50.5 | 911211B1 |
| BOX max. 10W | Dark Grey Texture | | 93.5-93.5-50.5 | 911211D1 |
| BOX max. 10W | Bronze | | 93.5-93.5-50.5 | 911211Q1 |
| BOX max. 10W | White | | 93.5-93.5-50.5 | 911211W1 |