WEVER & DUCRÉ LIGHTING

RAY mini 1.0 LED

258254BB5

PROJECT

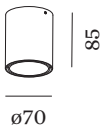
TYPE

NOTES

QUANTITY

DATE

Cylindrical 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; ≤ 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
Black Matt
RAL 9011 [a]
IP20
Interior
415 lm

LED Module

3000 K
CRI ≥ 90
L80 / 55000h
≤ 2 SDCM (initial MacAdam)
555 lm
107 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

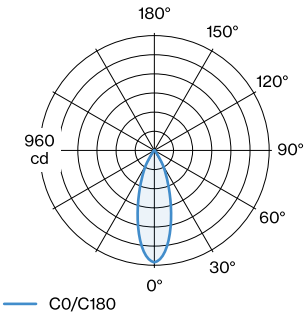
diameter 70 mm
height 85 mm
0.19 kg

datasheet.quicksum.material

Aluminium

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

LIGHT DISTRIBUTION



['258254BB5'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of Wever & Ducré BV apply.

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CONE DIAGRAM

medium (standard) 34°

h (m)	E0° (lx)	ø (m)
1	936	0.61
2	234	1.22
3	104	1.84
4	58	2.45
5	37	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 × RSMF × LLMF × LSF
MF	Maintenance Factor
LMF[a]	Luminaire Maintenance Factor
RSMF[a]	Room Surface Maintenance Factor
LLMF	Lamp Lumens Maintenance Factor
LSF	Lamp Survival Factor

[a]According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

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