



PROJECT

TYPE

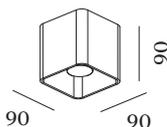
NOTES

QUANTITY

DATE



Squared ceiling surface mounted downlight made from die-cast aluminium; rounded edges; surface Black Matt; powder coated; matt texture; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; DALI dim; light colour 2700 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; 220 - 240 V; degree of protection IP20; Class 1; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000$ cd/m²; optional 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 _____
 IP20 _____
 Interior _____
 590 lm _____

LED Module

2700 K _____
 CRI ≥ 90 _____
 L70 / 50000h _____
 ≤ 3 SDCM (initial MacAdam) _____
 730 lm _____
 91 lm/W ^b _____

Optical

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

Electrical

DALI _____
 220 - 240 V _____
 system 8.1 W _____
 Class I _____
 Standard _____

Physical

length 90 mm _____
 width 90 mm _____
 height 90 mm _____
 0.63 kg _____

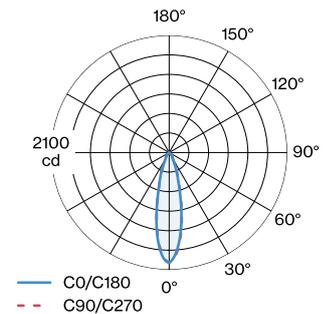
datasheet.quicksum.material

Aluminium _____

^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses

LIGHT DISTRIBUTION



[186359B3] 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.



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	$LMF \times RSMF \times LLMF \times LSF$	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.

OPTICAL ACCESSORIES

Single Inner Cover

Type	Colour	Voltage	L·W·H (MM)	Item number
DOCUS max. 10W	Black		62-62-39.5	911021B1
DOCUS max. 10W	Gold		62-62-39.5	911021G1
DOCUS max. 10W	White		62-62-39.5	911021W1