



PROJECT

TYPE

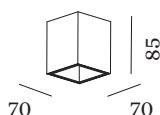
NOTES

QUANTITY

DATE



Squared ceiling surface mounted downlight made from die-cast aluminium; surface Champagne Brushed + Black Matt; No matching RAL; 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 I; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



LUMINAIRE

Ceiling
Surface
Champagne Brushed + Black Matt
No matching RAL
IP20
Interior
440 lm

LED Module

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

Optical

Medium (standard)
beam angle 30°
UGR ≤ 19
CIE flux code: 93 97 99 100
100

Electrical

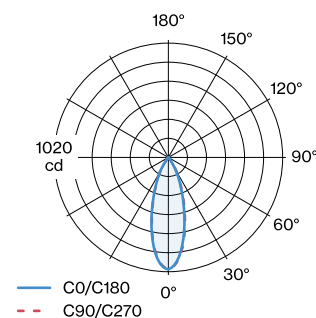
phase-cut dim
220 - 240 V
system 6.8 W
Class I
Standard

Physical

length 70 mm
width 70 mm
height 85 mm
0.25 kg

^a Without electrical and optical losses

LIGHT DISTRIBUTION





Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.99	0.98	0.98	0.97	0.96
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.