



PROJECT

TYPE

NOTES

QUANTITY

DATE



IP65



Cylindrical ceiling surface mounted downlight made from die-cast aluminium with opal glass lens; surface Anthracite Grey; powder coated; matt texture; RAL 7016; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; CRI (Colour Rendering Index) ≥ 90 ; degree of protection IP65; Class 1; IC rated; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by end-user;



Luminaire

Ceiling
Surface
Anthracite Grey
RAL 7016 ^a
IP65
Exterior
365 lm

Module

2700 K
CRI ≥ 90
L80 / 55000h
 ≤ 2 SDCM (initial MacAdam)
366 lm
34 lm/W ^b

Optical

Extreme wide
beam angle 105°
CIE flux code: 55 87 98 100
100

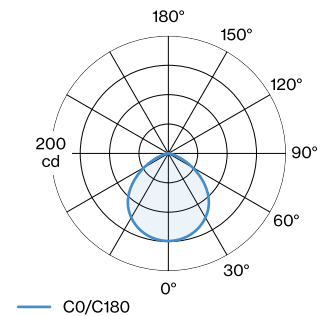
Electrical

phase-cut dim
220 - 240 V
system 10.9 W
Class 1

Physical

diameter 80 mm
height 107 mm
0.53 kg

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical losses



CONE DIAGRAM

extreme wide 103°

h (m)	E0° (lx)	ø (m)
1	149	2.52
2	37	5.04
3	17	7.57
4	9	10.09
5	6	12.61

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.92	0.88	0.85	0.81
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

^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.