



PROJECT

TYPE

NOTES

QUANTITY

DATE



IP65



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; surface Grey Texture; powder coated; matt texture; RAL 9007; 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; beam angle 36°; degree of protection IP65; Class 1; driver included; light source replaceable by Wever & Ducré or by a professional with explicit authorization; control gear replaceable by an authorized professional;

LUMINAIRE

Ceiling
Surface
Grey Texture
RAL 9007 ^a
IP65
Exterior
620 lm

LED MODULE

3000 K
CRI ≥ 90
L80 / 60000h
 ≤ 3 SDCM (initial MacAdam)

OPTICAL

Medium (standard)
beam angle 36°
CIE flux code: 95 98 100 100
100

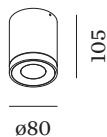
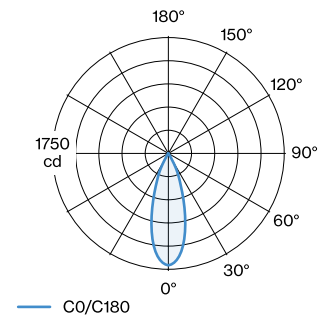
ELECTRICAL

phase-cut dim
220 - 240 V
system 9.8 W
Class I

PHYSICAL

diameter 80 mm
height 105 mm
0.56 kg

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions



CONE DIAGRAM

medium (standard) 33°

h (m)	E0° (lx)	ø (m)
1	1690	0.60
2	420	1.20
3	190	1.80
4	110	2.39
5	70	2.99

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.95	0.91	0.86	0.82	0.79
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.