



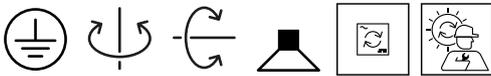
PROJECT

TYPE

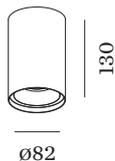
NOTES

QUANTITY

DATE



Cylindrical ceiling surface mounted downlight made from die-cast aluminium; adjustable; surface Black Matt + Champagne; powder coated; matt texture + wet painted; smooth semi glossy; RAL 9011; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 2700 K; ≤ 2 SDCM (initial MacAdam); CRI ≥ 90 ; 220 - 240 V; beam angle 31°; 355° rotatable and 25° tiltable; 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
 tilt max 25 °
 rotation 355 °
 Black Matt + Champagne
 RAL 9011 ^a
 IP20
 Interior
 540 lm

LED Module

2700 K
 CRI ≥ 90
 L80 / 50000h
 ≤ 2 SDCM (initial MacAdam)
 635 lm
 104 lm/W ^b

Optical

Medium (standard)
 beam angle 31°
 CIE flux code: 97 100 100 100
 100

Electrical

phase-cut dim
 220 - 240 V
 system 8.5 W
 Class I
 Standard

Physical

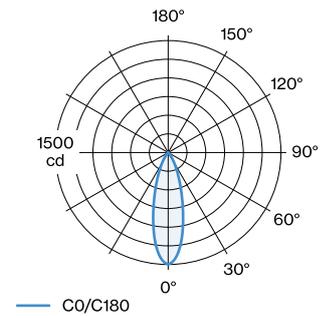
diameter 82 mm
 height 130 mm
 0.42 kg

datasheet.quicksum.material

Aluminium

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

LIGHT DISTRIBUTION





CONE DIAGRAM

medium (standard) 30°

h (m)	E0° (lx)	ø (m)
1	1500	0.54
2	370	1.08
3	170	1.62
4	90	2.16
5	60	2.69

Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.92	0.87	0.83	0.79	0.75
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.