



PROJECT

TYPE

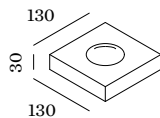
NOTES

QUANTITY

DATE



Wall surface luminaire made from aluminium; surface Black Matt; powder coated; matt texture; RAL 9005; up and down light emission; with COB (Chip on Board) technology for maximum efficiency; phase-cut dim; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; 220 - 240 V; degree of protection IP20; Class 1; driver included; light source not replaceable; control gear replaceable by end-user;



GENERAL

Wall
Surface
Black Matt
RAL 9005 ^a
IP20
Interior
indirect 320 lm
direct 320 lm
total 640 lm
CIE flux code: 77 100 100 50 100

LED

3000 K
CRI ≥ 90
L80 / 100000 h
initial MacAdam ≤ 3 SDCM

OPTICAL

Wide

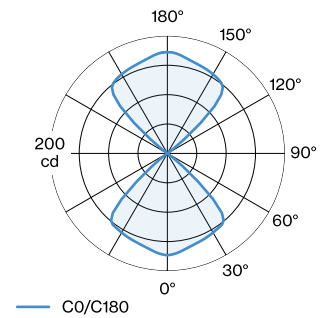
ELECTRICAL

phase-cut dim
220 - 240 V
system 7.7 W
Class 1

PHYSICAL

length 130 mm
width 130 mm
height 30 mm
0.9 kg

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions.


Maintenance Factor

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