



PROJECT

TYPE

NOTES

QUANTITY

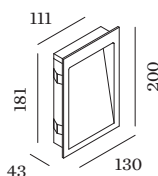
DATE



IP65



Rectangular wall recessed luminaire made from aluminium; surface White Matt; powder coated; matt texture; RAL 9010; recessed depth 40 mm; suitable for ceiling thickness of min. 12 mm; PCB 3-step binning; light colour 3000 K; ≤ 3 SDCM (initial MacAdam); CRI ≥ 90 ; degree of protection IP65; Class 3; driver not included; light source not replaceable;



LUMINAIRE

Wall
Recessed
White Matt
RAL 9010 ^a
IP65
Exterior
140 lm / 350mA
225 lm / 700mA

LED Module

3000 K
CRI ≥ 90
L70 / 60000h
 ≤ 3 SDCM (initial MacAdam)
140 lm / 350mA
45 lm/W ^b
3.1 W ^b

Optical

Asymmetric
CIE flux code: 49 78 91 83 100

Electrical

excl. driver
9 V
Class III

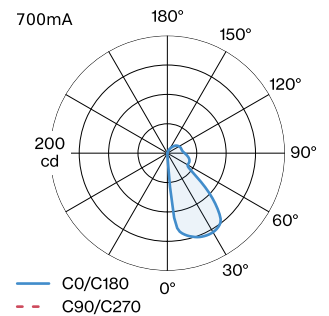
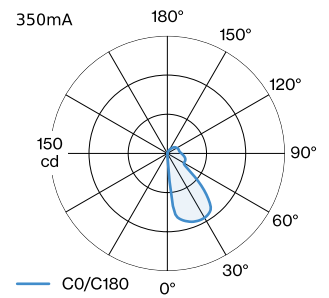
Physical

length 130 mm
width 33 mm
height 200 mm
0.42 kg

Cutout

length 115 mm
width 185 mm
min. ceiling thickness 12 mm
recessed depth 40 mm

LIGHT DISTRIBUTION



^a Colour may deviate slightly due to production conditions

^b Without electrical and optical losses



Maintenance Factor

Operating Time [h]	10.000	20.000	30.000	40.000	50.000
LLMF	0.96	0.94	0.92	0.9	0.87
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.

MOUNTING ACCESSORIES

Concrete Housing

Type	Colour	Voltage	L·W·H (MM)	Item number
ORIS 2.0			122·55·190	90012042

Recessed Housing incl. plasterkit

Type	Colour	Voltage	L·W·H (MM)	Item number
ORIS 2.0			160·67·250	90012043

ELECTRICAL ACCESSORIES

Driver

Type	Colour	Voltage	L·W·H (MM)	Item number
4.2W 350mA 3-12V IP66		3-12V	38·29·23	90213101
7W 500mA 5-14.5V IP67		5-14.5V	57·41·24	90214301
7W 700mA 3-10.5V IP67		3-10.5V	57·41·24	90215301
4.2W 350mA 3-12V phase cut TE IP65		3-12V	44·27·20	90223302