

SPADO 150 round downlight

trim

049-31216170



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

white , RAL 9016 ¹

front IP44 , back IP20

1910 lm

LED

4000 K

CRI \geq 80

L80 / 50000 h

initial MacAdam \leq 3 SDCM

MR 0.72

MDER 0.66

Optical

wide flood

beam angle 52°

UGR \leq 19 , \geq 65° $<$ 1500 cd/m²

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

non DIM

220-240 V

system 16.4 W

system 116 lm/W³

PC2

Physical

trim

diameter 179 mm

height 104 mm

0.8 kg

Cutout

diameter 150 mm

min. ceiling thickness 2 mm

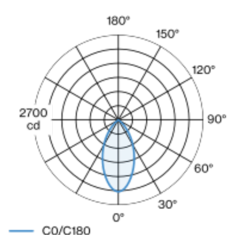
max. ceiling thickness 25 mm

recessed depth 110 mm

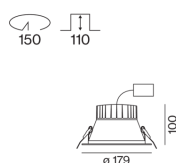
¹ RAL code ² Value of containing product at full load (undimmed)

³ incl. consideration of optical losses, internal control unit losses
& operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.97	0.93	0.89	0.86	0.82
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	34
B13	43
B16	54
B20	67
C10	56
C13	72
C16	91
C20	112

Mounting accessories

EXPOSED CONCRETE MOUNTING ACCESSORY

L·W·H (MM)	ARTICLE NUMBER(S)
295·295·160	049-3191210



PRIMED CONCRETE MOUNTING ACCESSORY

ARTICLE NUMBER(S)
049-3191410

