

SPIO 20 wallwasher/floor

trim

048-16305178W 002-90787



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

rotation 360°

white , RAL9016 ¹

IP20

409 lm

LED

3000 K

CRI ≥ 90

L95 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 104 , R_f: 91 , R_{f(1-15)}: 92

MR 0.59

MDER 0.54

Optical

wallwasher floor

beam angle 52°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

non DIM

7.9 W

PC2 220-240V

52 lm/W

Physical

trim

diameter 35 mm

height 47 mm

Cutout

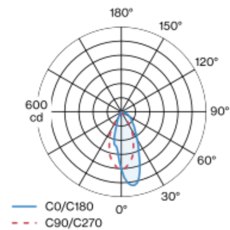
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

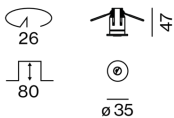
recessed depth 80 mm

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

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	1	0.99	0.98	0.97	0.96
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	17
B13	21
B16	27
B20	33
B25	42
C10	28
C13	36
C16	45
C20	56
C25	70

Components

POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
111-38-28	002-90787



Optional electrical accessories

DIN RAIL POWER SUPPLY

L-W-H (MM)	ARTICLE NUMBER(S)
72-90-63	005-6520210



DIN RAIL LED DRIVER

TYPE	L-W-H (MM)	ARTICLE NUMBER(S)
DALI-2 200-1050 mA 2 x 42W	36-88-59	005-6121030

