

SQUADRO 1 × 2 lamps wallwasher

trim

049-2011537S



Project / Type

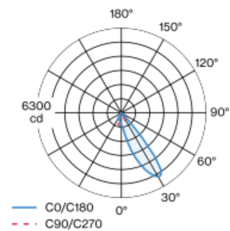
Notes

Count / Date



Recessed ceiling spotlight in die cast aluminium with 2-lamp design; surface white powder coated; with wrap around edge; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; aisle spotlight shelf floor washer with special, multi-free-form, facet effect surface reflectors for high precision light control; precise shelf and aisle zone lighting, optimum longitudinal glare control for high viewing comfort in the aisle zone; adjustable light module (tiltable +20° to -15°); degree of protection IP20; IP 40 protection glass available as an accessory; accessories are listed separately; PC2 220-240V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling , Recessed

white , RAL9016 ¹

IP20

3540 lm

LED

3000 K

CRI ≥ 80

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

Optical

shelf floor washer

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

33 W

PC2 220-240V

107 lm/W

1 DALI Addr.

Physical

trim

length 171 mm

width 171 mm

height 78 mm

0.9 kg

Cutout

length 152 mm

width 152 mm

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 85 mm

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

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.95	0.92	0.9	0.87	0.85
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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	13
B13	18
B16	22
B20	28
C10	21
C13	30
C16	36
C20	46

Optical accessories

IP40 PROTECTION GLASS

TYPE	ARTICLE NUMBER(S)
1 x 2 lamps / single-sided	049-2910010

