

# SQUADRO 1 × 2 lamps wallwasher

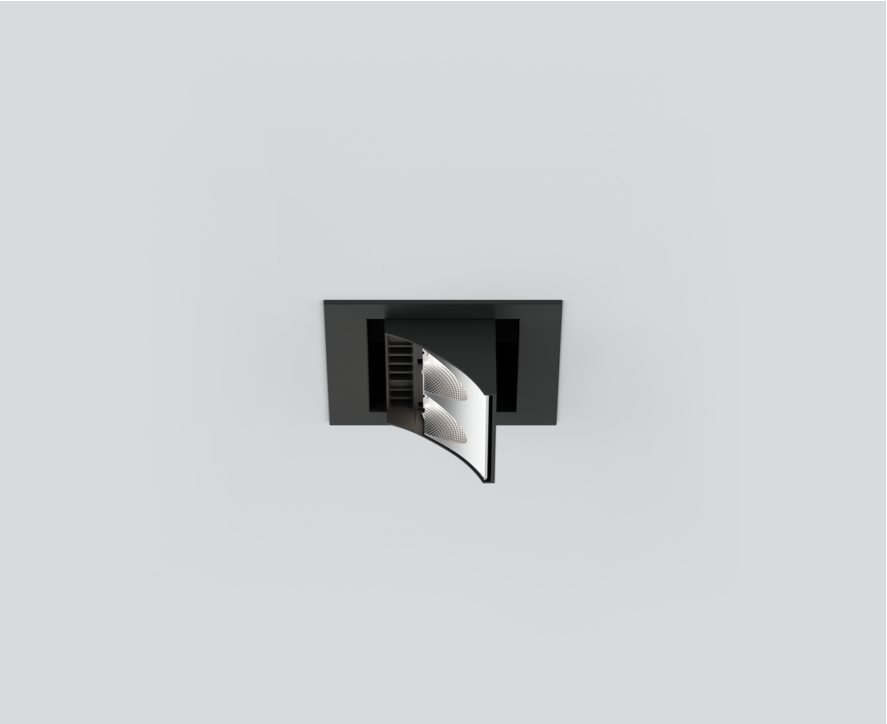
trim  
049-2011518S



Project / Type

Notes

Count / Date



General

Ceiling , Recessed

black , RAL9005 <sup>1</sup>

IP20

3540 lm

LED

3000 K

CRI ≥ 80

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

Optical

shelf floor washer

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Electrical

non DIM

33 W

PC2 220-240V

107 lm/W

Physical

trim

length 171 mm

width 171 mm

height 78 mm

0.9 kg

Cutout

length 152 mm

width 152 mm

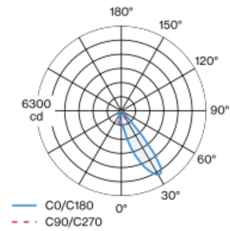
min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

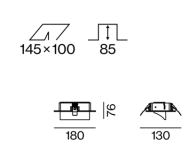
recessed depth 85 mm

<sup>1</sup> RAL code <sup>2</sup> 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	0.95	0.92	0.9	0.87	0.85
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF <sup>a</sup>	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF <sup>a</sup>	Luminaire Maintenance Factor		LSF	Lamp Survival Faktor	

<sup>a</sup> 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	11
B13	14
B16	17
B20	21
C10	18
C13	23
C16	28
C20	35

### Optical accessories

#### IP40 PROTECTION GLASS

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

