

SQUADRO double-sided wallwasher

trim

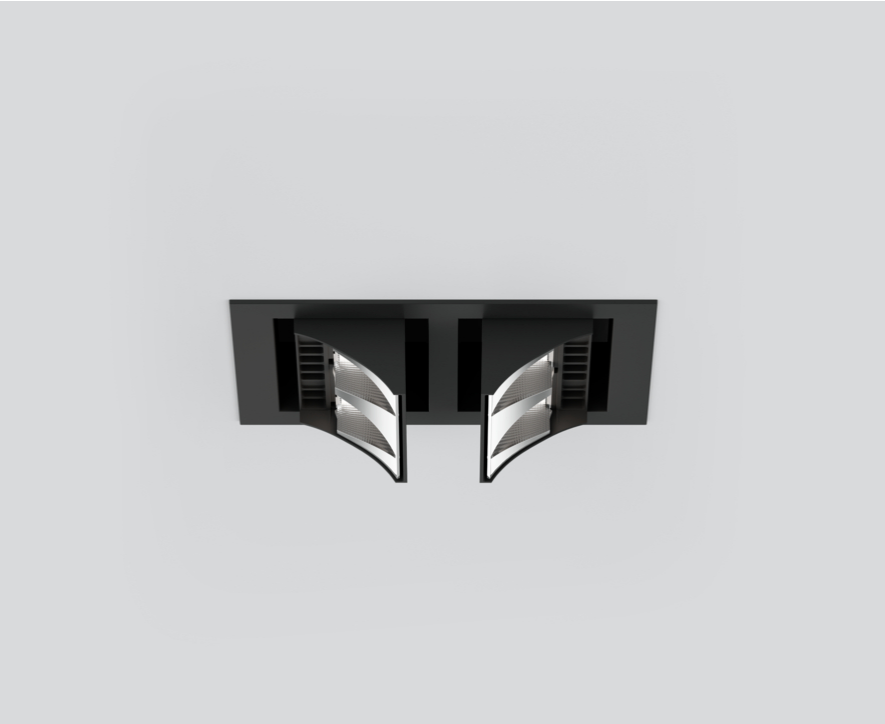
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Project / Type

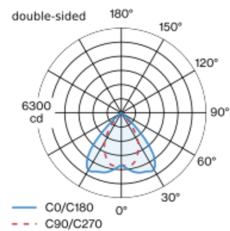
Notes

Count / Date

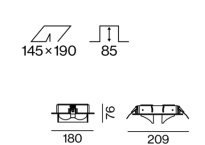


Recessed ceiling spotlight in die cast aluminium with 2x2-lamp design; surface black powder coated; with wrap around edge; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; with COB (Chip on Board) technology for maximum efficiency; light colour 4000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% 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 modules (tiltable $+20^\circ$ to -10°); degree of protection IP20; IP 40 protection glass available as an accessory; accessories are listed separately; PC2; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Recessed

tilt min -10°

tilt max 20°

black | RAL 9005 ¹

IP20

9780 lm

LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 | R_f: 92 | R_{t(1-5)}: 92

MR 0.78 | MDER 0.71

Optical

shelf floor washer

PstLM ≤ 1.0 ^{2 3 4} | SVM ≤ 0.4 ^{2 3 4}

Electrical

non DIM

PC2 | 220-240 V

system 71 W

system 138 lm/W ⁵

Physical

length 180 mm | width 209 mm | height 76 mm

Cutout

length 145 mm | width 190 mm

min. ceiling thickness 2 mm | max. ceiling thickness 25 mm

recessed depth 85 mm

¹ RAL code ² double-sided ³ single-sided
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

