

SQUADRO single-sided wallwasher

track
149-2210018S



Project / Type

Notes

Count / Date



Tracked spotlight in die cast aluminium with 2-lamp design; surface black powder coated; converter integrated into spotlight head; 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 ≤ 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°); 350° rotatable; degree of protection IP20; IP 40 protection glass available as an accessory; accessories are listed separately; PC2; 220-240 V; incl. converter, non dimmable; adapter for toolless insertion or movement on a variety of 3-phase power tracks; including attachment for linear alignment of the spotlights; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling | Track

tilt min -10°

tilt max 20°

rotation 350°

black | RAL 9005 ¹

IP20

4910 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 98 | R_r: 91 | R_{t(1-15)}: 93

MR 0.54 | MDER 0.49

Optical

shelf floor washer

Electrical

non DIM

PC2 | 220-240 V

system 36 W

system 136 lm/W ²

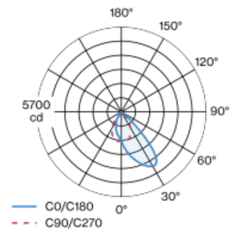
Physical

length 140 mm | width 75 mm | height 87 mm

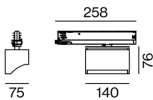
0.9 kg

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator



[‘149-2210018S’] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of $\pm 10\%$, those for the electrical connected load are initially subject to a tolerance of $\pm 10\%$, and those for the colour temperature are initially subject to a tolerance of ± 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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