

SQUADRO 1 × 4 lamps wallwasher

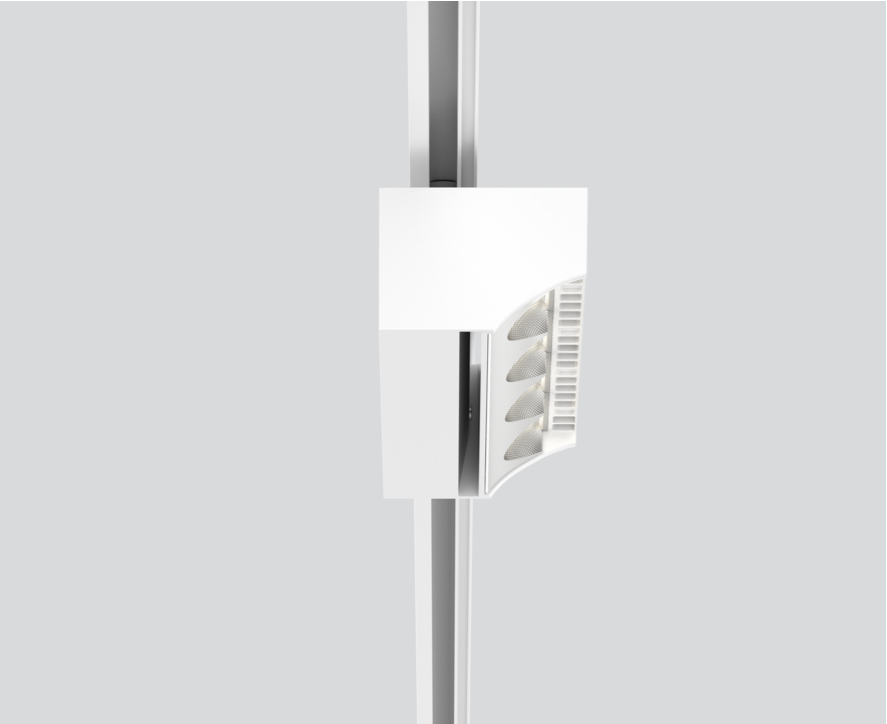
track
149-2231637A



Project / Type

Notes

Count / Date



Tracked spotlight in die cast aluminium with 4-lamp design; surface white 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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; aisle spotlight wall 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 $+15^\circ$ to -15°); 365° rotatable; degree of protection IP20; IP 40 protection glass available as an accessory; accessories are listed separately; PC1; 220-240 V; incl. DALI-2 converter; 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 15°

tilt max 15°

rotation 365°

white

IP20

6470 lm

LED

4000 K

CRI ≥ 80

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.74 | MDER 0.67

Optical

wall floor washer

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

DALI-2

PC1 | 220-240 V

system 51 W

system 127 lm/W²

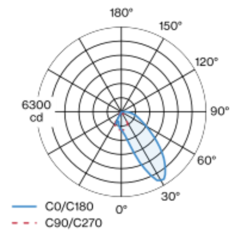
Physical

length 258 mm | width 104 mm | height 76 mm

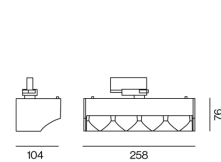
1.4 kg

¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



Lighting calculator



[149-2231637A] 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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Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	9
B13	11
B16	14
B20	18
C10	15
C13	19
C16	24
C20	30

Optical accessories

IP40 PROTECTION GLASS

ARTICLE NUMBER(S)
049-2930010

