

# SQUADRO double-sided wallwasher

track  
149-2220218S



Project / Type

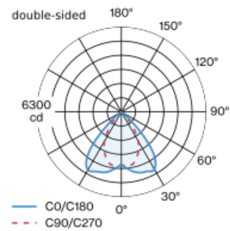
Notes

Count / Date

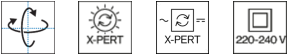
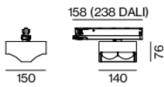


Tracked spotlight in die cast aluminium with 2x2-lamp design; surface jet black powder coated; converter integrated into spotlight head; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; with COB (Chip on Board) technology for maximum efficiency; light colour 3500 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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  $-10^\circ$ );  $350^\circ$  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;

## Light distribution



## Product drawing



### General

Ceiling | Track

tilt min  $-10^\circ$

tilt max  $20^\circ$

rotation  $350^\circ$

jet black | RAL 9005

IP20

9940 lm

### LED

3500 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 99 | R<sub>r</sub>: 92 | R<sub>t(1-15)</sub>: 93

MR 0.61 | MDER 0.55

### Optical

shelf floor washer

PstLM  $\leq 1.0$ <sup>1 2 3</sup> | SVM  $\leq 0.4$ <sup>1 2 3</sup>

### Electrical

non DIM

PC2 | 220-240 V

system 72 W

system 138 lm/W<sup>4</sup>

### Physical

length 140 mm | width 150 mm | height 76 mm

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

## Installation instructions



## Lighting calculator

