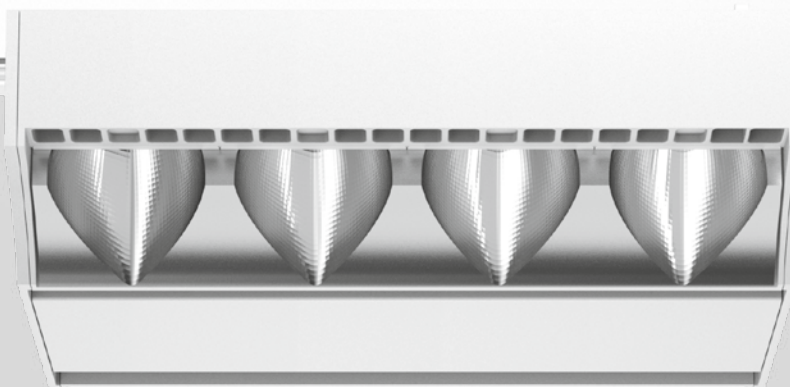


SQUADRO

wallwasher

xal.com/squadro



Quickinfo

GENERAL

tracklight

IP 20, IP 40

quick installation

LED

COB LED module

up to 14240lm

up to 119lm/W

3000K, 4000K

CRI ≥ 80

Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50 000 h

OPTICAL

direct light 100%

PC/aluminium coated reflector

shelf/wall floor washer

ELECTRICAL

220–240V

non DIM, DIM DALI

PHYSICAL

aluminium

powder-coated

white

TRACK

[page 746](#)

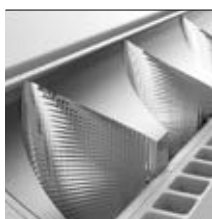


Description

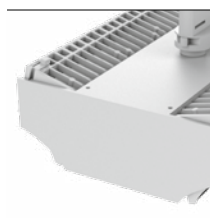
DE Stromschienstrahler aus Aluminiumdruckguss in 2 verschiedenen Varianten (4-flammig bzw. 2x4-flammig) und mit 2 verschiedenen Lichtmodulen (für shelf floor washer und wall floor washer); Oberfläche weiß oder schwarz pulverbeschichtet; Gangzonenstrahler mit speziellen Multi-Freiformflächenreflektoren mit Facettenoptik zur äußerst präzisen Lichtlenkung; punktgenaue Regal- und Gangzonenausleuchtung, optimale Längsentblendung für hohen Sehkomfort in der Gangzone, einstellbare Lichtmodule mit Verriegelung; Kühlkörper in Leuchtengeometrie für optimales Thermomanagement und passive Kühlung der LEDs integriert; COB (Chip on Board) Technologie für höchste Effizienz; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 80% des Lichtstromes nach 50 000 h Lebensdauer Schutzart IP 20; IP 40-Schutzglas als Zubehör erhältlich; SK I; optional DALI-dimbar

EN Track light in die cast aluminium in two different types (4 lamps or 2x4 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); surface powder coated in white or black; aisle spotlight 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 with interlock; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; COB (Chip on Board) technology for maximum efficiency; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 80% of the luminous flux after 50 000 hours; protection class IP 20; IP 40 protection glass available as an accessory; PC I; optional DALI dimmable

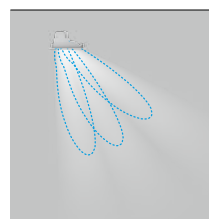
Features



microfaceting



+15° up to -15° tiltable



adjustable light module

Standard configuration

COLOUR TEMPERATURE ◆◆
3000K 5

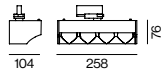
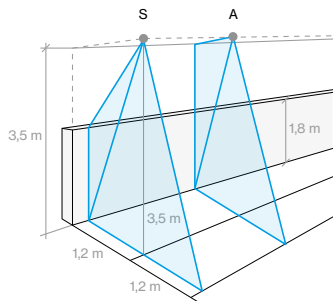
CONTROL ◆
non DIM 1

MATERIAL COLOUR ■
white 7

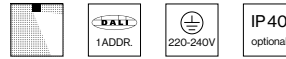


REFLECTOR ▲
shelf floor washer S
wall floor washer A
1x shelf / 1x wall floor washer* B

*only for 2x4 lamps

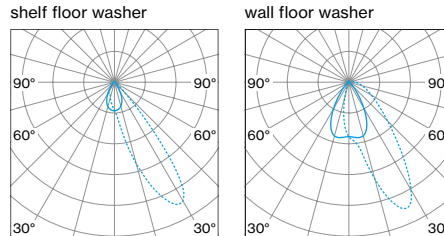


SQUADRO 1x4 lamps, wallwasher



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
53W	3000K	6040lm	0 4 9 - 2 2 3 1 ◆◆▲
	4000K	6300lm	

LIGHT DISTRIBUTION

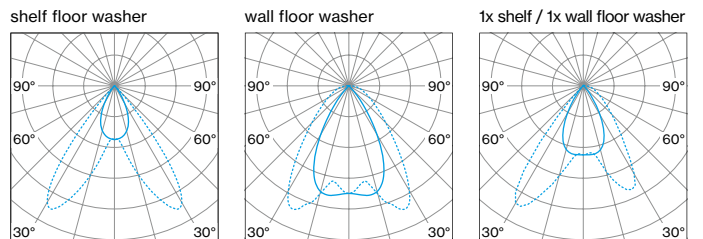


SQUADRO 2x4 lamps, wallwasher



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
2x44W	3000K	2x5310lm	0 4 9 - 2 2 4 0 ◆◆▲
	4000K	2x5540lm	
2x61W	3000K	2x6830lm	0 4 9 - 2 2 4 1 ◆◆▲
	4000K	2x7120lm	

LIGHT DISTRIBUTION



Extended configuration

COLOUR TEMPERATURE ◆◆
4000K 6

CONTROL ◆
DIM DALI 3

MATERIAL COLOUR ■
black 8



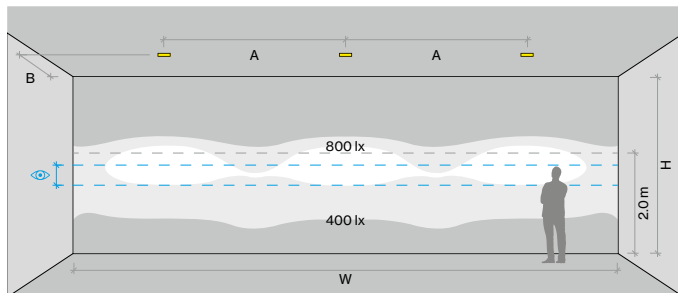
+5% surcharges

Optical accessories

TYPE	ORDER CODE
IP40 protection glass - single-sided output	0 4 9 - 2 9 3 0 0 1 0
IP40 protection glass - double-sided output	0 4 9 - 2 9 4 0 0 1 0

Technical data

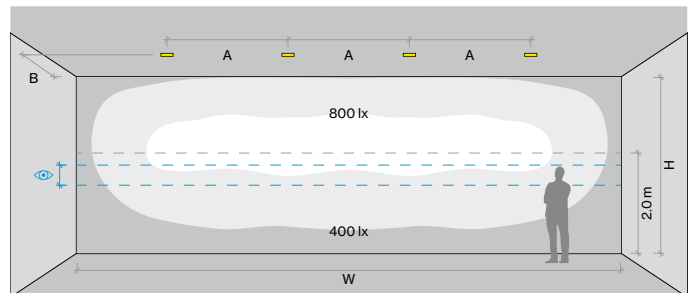
SQUADRO shelf floor washer, +5° tilt, 53W, 3000K



ROOM VALUES
Wall dimensions H = 3.5m | W = 10.8m
Distance to wall B = 1.3m
Distance between spotlights A = 3.6m
Aisle width 2.6m
Reflection factor 0.7 | 0.7 | 0.2
Maintenance factor 0.9

CALCULATION SURFACE
Surface dimensions 10.8x3.5m
Surface height 0 – 3.5m
Eye level 1.35m – 1.75m

SQUADRO wall floor washer, +5° tilt, 53W, 3000K



ROOM VALUES
Wall dimensions H = 3.5m | W = 10.8m
Distance to wall B = 1.3m
Distance between spotlights A = 2.4m
Aisle width 2.6m
Reflection factor 0.7 | 0.7 | 0.2
Maintenance factor 0.9

CALCULATION SURFACE
Surface dimensions 10.8x3.5m
Surface height 0 – 3.5m
Eye level 1.35m – 1.75m

Inspiration

Vitalia health food store
Munich, Germany

PRODUCT
TRACK 3-phase surface
SQUADRO wallwasher



