

SQUADRO wallwasher

recessed

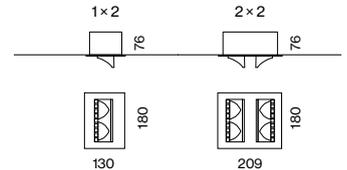
EN Recessed ceiling spotlight in die cast aluminium in two different types (2 lamps or 2x2 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); with trim; surface powder coated; installation without tools using snap spring closure; aisle spotlight with special, multi-free-form, 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; COB (Chip on Board) technology for maximum efficiency; efficient LEDs with very good colour rendering; IP 40 protection glass available as an accessory

DE Deckeneinbaustrahler aus Aluminiumdruckguss in 2 verschiedenen Varianten (2-flammig bzw. 2x2-flammig) und mit 2 verschiedenen Lichtmodulen (für shelf floor washer und wall floor washer); mit umlaufendem Rand; Oberfläche pulverbeschichtet; werkzeuglose Montage mittels Schnappfederverschluss; Gangzonenstrahler mit speziellen Multi-Frei-formflächenreflektoren mit Facettenoptik zur äußerst präzisen Lichtlenkung; punktgenaue Regal- und Gangzonenausleuchtung, optimale Längsentblendung für hohen Sehkomfort in der Gangzone, einstellbare Lichtmodule; COB (Chip on Board) Technologie für höchste Effizienz; effiziente LEDs mit sehr guter Farbwiedergabe; IP 40-Schutzglas als Zubehör erhältlich

Quickinfo

3000 K, 3500 K, 4000 K
 CRI ≥ 90, 2 SDCM
 up to 139 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



Colours



Light distributions



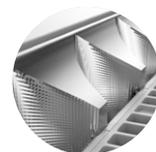
shelf floor wall floor shelf wall floor



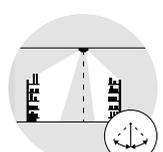
DiiA® standards
 251, 252, 253



up to 139 lm/W
 (high efficiency)



glare-free reflector
 longitudinally &
 transversely



+20° up to -10°
 tiltable

Order options

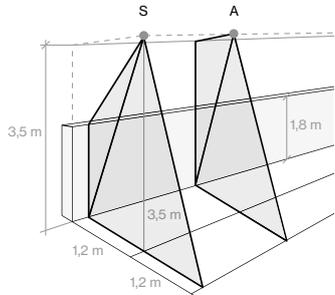
COLOUR TEMPERATURE	☑
3000K	0
3500K	2
4000K	1

CONTROL	◆
non DIM	1
DALI-2	3

MATERIAL COLOUR	■
○ traffic white RAL 9016	7
● jet black RAL 9005	8

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

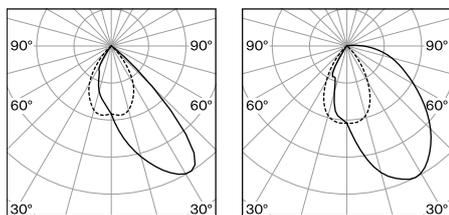
*only for 2×2 lamps



Options on request

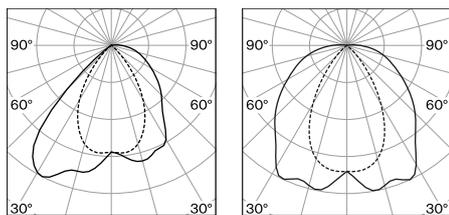
COLOUR RENDERING INDEX
CRI ≥ 80

Light distributions



1×2 lamps
shelf floor washer

1×2 lamps
wall floor washer



2×2 lamps
1× shelf / 1× wall floor washer

2×2 lamps
wall floor washer

LUMINOUS FLUX value calculated for 4000K
CRI ≥ 90, colour white, wall floor washer
3000K -2%, 3500K -0.5%

SQUADRO wallwasher trim



1×2 LAMPS SINGLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
36 W	4990lm	0 4 9 - 2 0 1 2 ☑ ☑ ▲



2×2 LAMPS DOUBLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
72 W	2 × 4990lm	0 4 9 - 2 0 2 0 ☑ ☑ ▲

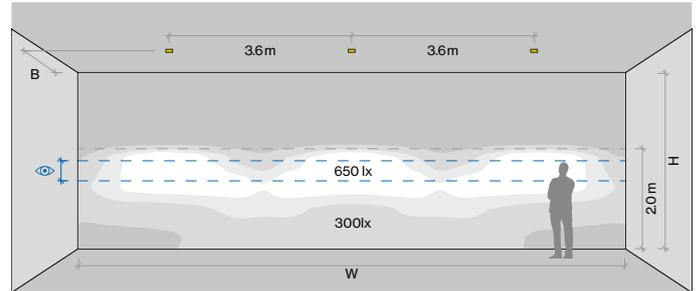
Optical accessories

IP 40 PROTECTION GLASS

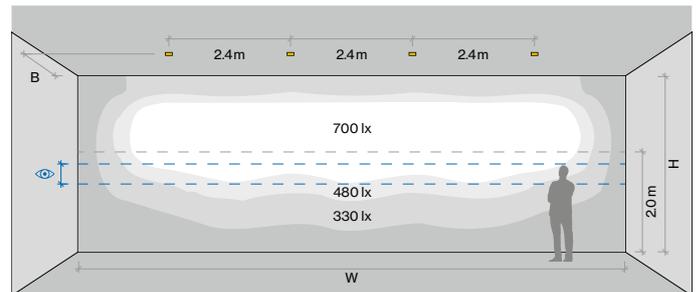
TYPE	ORDER CODE
1×2 lamps/single-sided	0 4 9 - 2 9 1 0 0 1 0
2×2 lamps/double-sided	0 4 9 - 2 9 2 0 0 1 0

Technical data

SQUADRO 1×2 lamps, shelf wall washer, trim, 36 W, 3000 K



SQUADRO 1×2 lamps, wall floor washer, trim, 36 W, 3000 K



ROOM VALUES		CALCULATION SURFACE	
Wall dimensions	H = 3.5 m W = 10.8 m	Surface dimensions	10.8 × 3.5 m
Distance to wall	B = 1.3 m	Surface height	0 – 3.5 m
Aisle width	2.6 m		
Reflection factor	0.7 0.7 0.2	Eye level	1.35 m – 1.75 m
Maintenance factor	0.9		