

## SQUADRO wallwasher

recessed

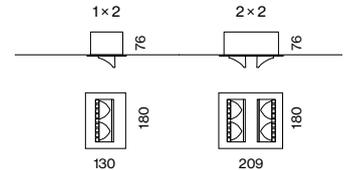
**EN** Recessed ceiling spotlight in die cast aluminium in two different types (2 lamps or 2×2 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); with trim; surface powder coated; installation without tools using snap spring closure; aisle spotlight with special, 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. 2×2-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



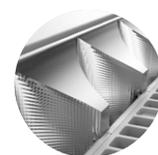
### Light distributions



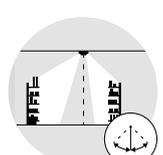
DiiA® standards  
 251, 252, 253



up to 139 lm/W  
 (high efficiency)



glare-free reflector  
 longitudinally &  
 transversely



+20° up to -10°  
 tiltable

### Order options

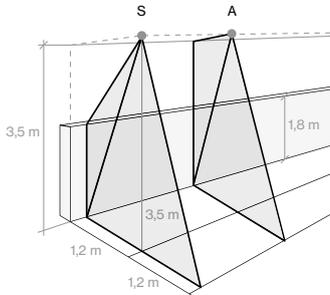
COLOUR TEMPERATURE	
3000K	0
3500K	2
4000K	1

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

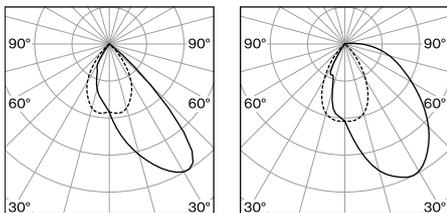
\*only for 2×2 lamps



### Options on request

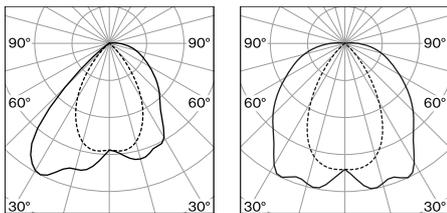
COLOUR RENDERING INDEX	
CRI ≥ 80	

### 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

<b>SYSTEM POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
36 W	4990lm	0 4 9 - 2 0 1 2



#### 2×2 LAMPS DOUBLE-SIDED

<b>SYSTEM POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
72 W	2 × 4990lm	0 4 9 - 2 0 2 0

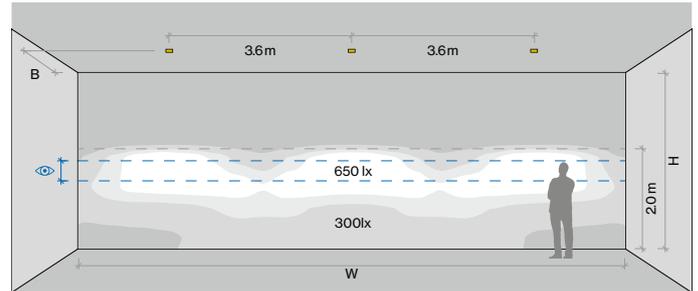
### Optical accessories

#### IP 40 PROTECTION GLASS

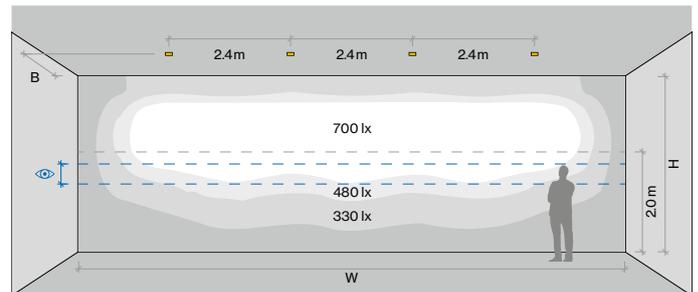
TYPE		ORDER CODE
1×2 lamps/single-sided		0 4 9 - 2 9 1 0 0 1 0
2×2 lamps/double-sided		0 4 9 - 2 9 2 0 0 1 0

### Technical data

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



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



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		