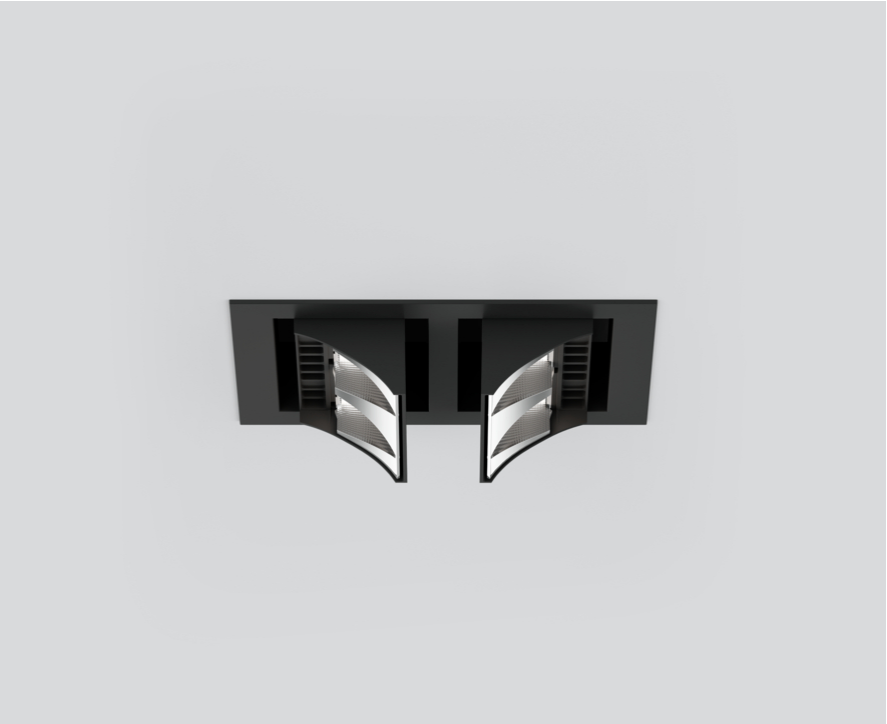


# SQUADRO double-sided wallwasher

trim  
049-2020038S

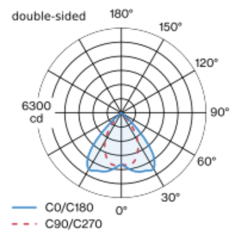


Project / Type	
Notes	
Count / Date	

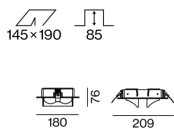


Recessed ceiling spotlight in die cast aluminium with 2x2-lamp design; surface black powder coated; with wrap around edge; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; with COB (Chip on Board) technology for maximum efficiency; light colour 3000 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  $-10^\circ$ ); degree of protection IP20; IP 40 protection glass available as an accessory; accessories are listed separately; PC2; 220-240 V; incl. DALI-2 converter; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

## Light distribution



## Product drawing



## General

Ceiling , Recessed	
tilt min $-10^\circ$	
tilt max $20^\circ$	
black , RAL 9005 <sup>1</sup>	
IP20	
9640 lm	

## LED

3000 K	
CRI $\geq 90$	
L80 / 50000 h	
initial MacAdam $\leq 2$ SDCM	
R <sub>g</sub> : 98 , R <sub>f</sub> : 91 , R <sub>(1-15)</sub> : 93	
MR 0.54	
MDER 0.49	

## Optical

shelf floor washer	
PstLM $\leq 1.0^2$ <sup>3</sup>	
SVM $\leq 0.4^2$ <sup>3</sup>	

## Electrical

DALI-2	
220-240 V	
system 71 W	
system 136 lm/W <sup>4</sup>	
PC2	
1 DALI Addr.	

## Physical

length 180 mm	
width 209 mm	
height 76 mm	

## Cutout

length 145 mm	
width 190 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 85 mm	

<sup>1</sup> RAL code <sup>2</sup> double-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

