

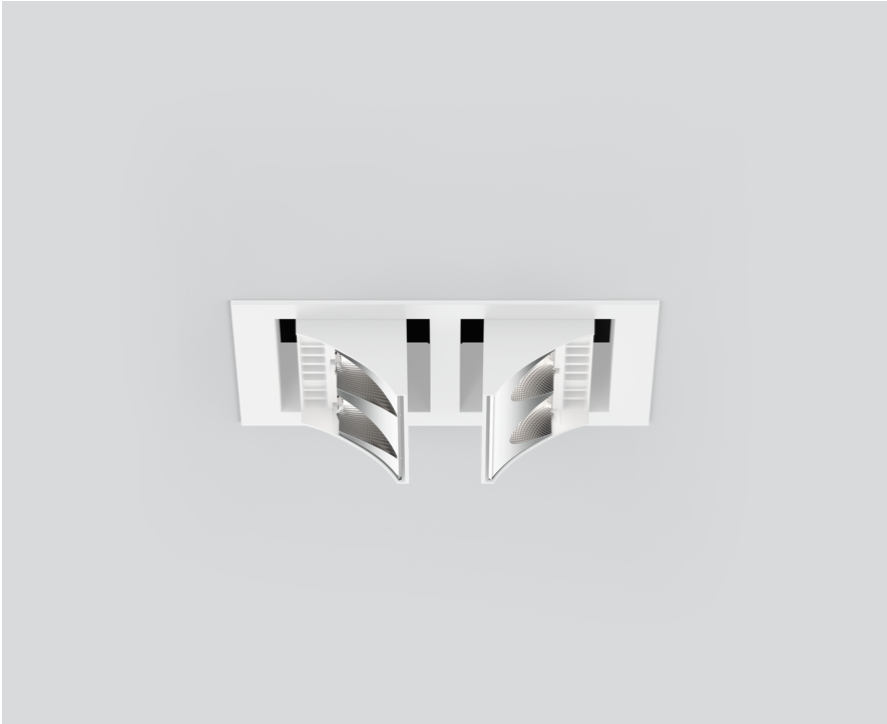
# SQUADRO double-sided wallwasher

trim

049-2020117B

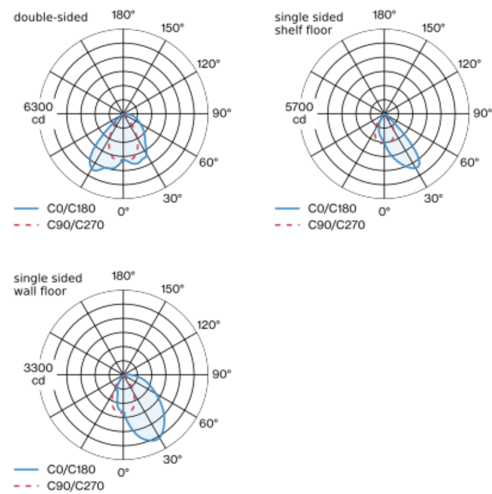


Project / Type
Notes
Count / Date

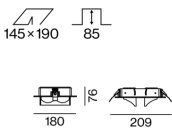


Recessed ceiling spotlight in die cast aluminium with 2x2-lamp design; surface white powder coated; with wrap around edge; suitable for ceiling thickness of 2-25 mm; installation without tools using snap spring closure; heat sink integrated into luminaire geometry for optimum thermal management and passive cooling of LEDs; with COB (Chip on Board) technology for maximum efficiency; light colour 4000 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 1x shelf / 1x wall 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. converter, non dimmable; 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 $20^\circ$
white   RAL 9016 <sup>1</sup>
IP20
4890 <sup>2</sup> , 4900 <sup>3</sup> , 9790 <sup>4</sup> lm

## LED

4000 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 100   R <sub>f</sub> : 92   R <sub>(1-15)</sub> : 92
MR 0.78   MDER 0.71

## Optical

shelf / wall floor washer
PstLM $\leq 1.0$ <sup>3 2 4 5</sup>   SVM $\leq 0.4$ <sup>3 2 4 5</sup>

## Electrical

non DIM
PC2   220-240 V
system 71 <sup>2</sup> -36 <sup>3</sup> W
system 138 <sup>2</sup> -136 <sup>3</sup> lm/W <sup>6</sup>

## Physical

length 180 mm   width 209 mm   height 76 mm
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## 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> single sided shelf floor <sup>3</sup> single sided wall floor  
<sup>4</sup> double-sided  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions

