

LED-Spot **SQ5 | SQ6**

Polycarbonate
IP20 | IP41



SQ5D | IP41 | SYSTEM LUMINAIRE



SQ5E | IP20 | SYSTEM LUMINAIRE



SQ6E | IP20 | SYSTEM LUMINAIRE

Whether square or round- in any case discreet. Our SQ series belongs to the family of high-performance directional luminaires, which are made of a UV-resistant and colour-fast high-tech plastic. The Surface mounted housing can be opened without tools and therefore does not require any screws that would disturb the clear design. Equipped with our Quattro lens unit Q1 for extra strong luminosity, the SQ series is ideally suited for illuminating surface and escape routes in accordance with DIN EN 1838.

Degree of protection	IP20 Recessed IP41 Surface mounted
Class	II
Enclosure material	Polycarbonate
Enclosure colour/surface	White
Terminal block	3 x 2.5 [□] for through wiring
Light source	LED
Ambient temperature	-20° C up to +40° C
Connected load (AC/DC)	8.0 VA / 4.5 W
Supply voltage	230V ± 10 %, 50/60 Hz / 176-275 V DC

VERSIONS

1 h with auto-check | with BUS check

3 h with auto-check | with BUS check

8 h with auto-check | with BUS check

without monitoring module

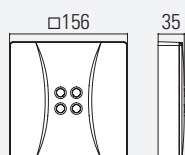
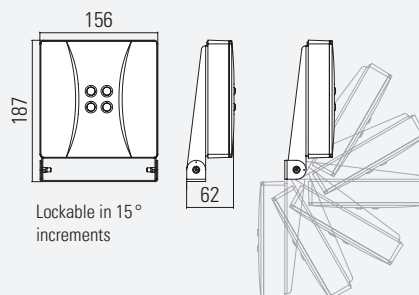
with monitoring module

with DALI monitoring

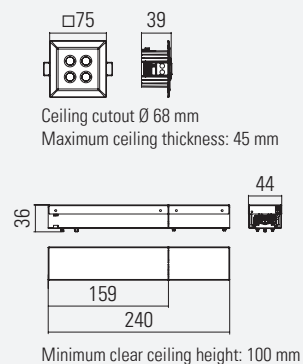
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OPTIONS / ACCESSORIES

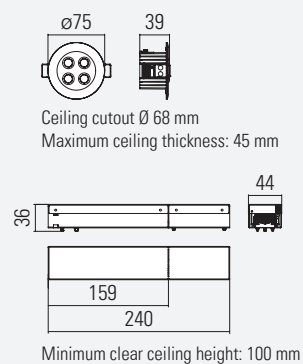
- Wall bracket arm (lockable in 15° increments)

SQ5D CEILING MOUNTING**SQ5A** WALL BRACKET MOUNTING

Lockable in 15° increments

SQ5E RECESSED CEILING MOUNTINGCeiling cutout Ø 68 mm
Maximum ceiling thickness: 45 mm

Minimum clear ceiling height: 100 mm

SQ6E RECESSED CEILING MOUNTINGCeiling cutout Ø 68 mm
Maximum ceiling thickness: 45 mm

Minimum clear ceiling height: 100 mm

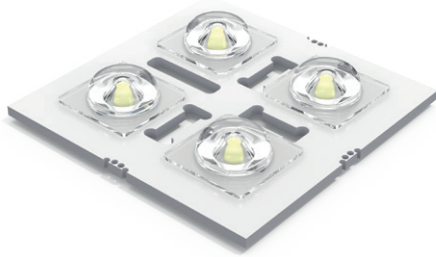
QUATTRO LENS

LIGHTING DATA (EN 1838)

QUATTRO LUMINOSITY

Twice as good was not good enough for us. To set new standards, we therefore decided to use four high-performance LEDs of the latest generation. With the right thermal management, it is now possible to double the luminous flux (compared to single lenses) and at the same time increase the luminous efficacy (lm/W) by over 35%. With only 4.5 W, the Q1 Eco Quattro lens has a luminous flux of 636 lm. Our Q1 Eco Quattro lens is the right choice for normative illumination of areas with large luminaire spacing.

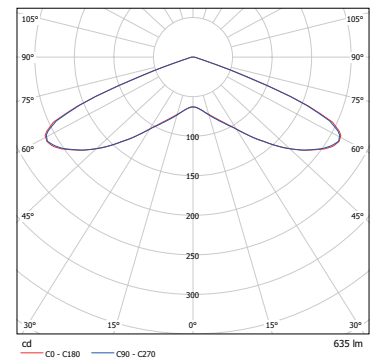
SYMMETRICAL LENS FOR ESCAPE ROUTES AND OPEN AREAS



Q1 ECO - LENS

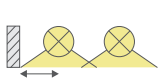
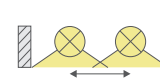
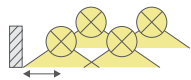
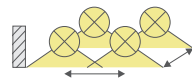
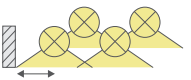
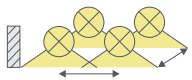
Installation height up to 12 m

Light source	LED
Connected load (AC/DC)	8.0 VA / 4.5 W
Light current	635 lm
Light colour	6.500 k



QUATTRO LENS

LIGHTING DATA (EN 1838)

	1 lx Lighting of escape routes		1 lx Lighting of sales areas (self-service stores)		0,5 lx Lighting of open areas > 60m ² (anti-panic lighting)	
						
Installation height [m]	Q1 ECO	Q1 ECO	Q1 ECO	Q1 ECO	Q1 ECO	Q1 ECO
2.00	5.00	11.00	3.50	8.75	4,00	9.50
2.50	6.00	13.00	4.25	10,25	4.75	11,25
3.00	6.75	15.00	4.75	11.50	5.00	13.00
4.,00	7.50	18.25	5.50	14,10	6.50	15.75
5.00	8.0	20.75	6,25	16.25	7.25	18.50
6.00	7.75	22.00	6.25	18.25	8.00	20.75
7.00	6.25	22.50	5.00	19.75	8.25	23.00
8.00	1.00	16.00	3.00	18.00	8.50	25.00
9.00	0.50	12.00	3.00	16.00	8.25	25.00
10.00	0.50	8.00	3.00	15,00	7.00	24.00
11.00			3,00	14,00	6.00	23.00
12.00			3.00	13,00	6,00	22.00
13.00			3.00	11.50	6.00	20.50
14.00			2.50	9.50	6.00	19.00
15.00					6.00	19.00
16.00					6.00	18.00
17.00					6.00	17.50
18.00					6.00	17.50
19.00					5.00	17.00
20.00					5.00	16.50
21.00					5.00	16.00

This table of distances (in metres) is based on the following factors:
measurement plane 2 cm, maintenance factor MF = 80 %, reflectance: 0

Dated: March 2022