



SQUARE LED 24 V is an industrial luminaire specifically designed to work in places with high humidity at risk of electric shock, requiring „safe voltage“ 24 V AC. It is suitable for both interior and exterior and can be mounted in many different ways – suspended on lines, attached to a handle, built into ceiling panels. Equipped with a tempered glass pane with silicone seal, it effectively protects the light source from oil mist and other dirt. Because of its high efficiency and a high-rated seal, it works great as a floodlight in sewage treatment plants or inspection and service ducts. SQUARE LED 24 V has been designed with safety at the forefront.

TECHNICAL DATA

Light source	LED
Power consumption	30 - 90 W
Luminaire luminous flux	3 660 - 10 980 lm
Luminaire efficacy	122 - 135 lm/W
Colour temperature	4 000 K, 5 700 K
Colour rendering index (CRI)	70, 80
Lumen maintenance output	100 000 h (L80B10)
Operating temperature	-40°C do +40°C
Beam angles	55°, 94°, 37°/103°
Material	high-pressure die-cast aluminium
Colour	anthracite; other colours on request
Finish	powder coating
Optics	PMMA
Glass	tempered glass
Ingress protection rating	IP67
Impact protection rating	IK09
Weight	7 kg
Voltage	24 V
Warranty	5 years
Control systems	optional

FAMILY

INDEX NO	NAME	POWER	LUMINAIRE LUMINOUS FLUX	LUMINAIRE EFFICACY	RA/CRI
S2V0300161XXXXOAKEC1	SQUARE HB 24V 30 W, 16 LED, CRI 70	30 W	4 050 lm	135 lm/W	70
S2V0600321XXXXOAKEC1	SQUARE HB 24V 60 W, 32 LED, CRI 70	60 W	8 100 lm	135 lm/W	70
S2V0900481XXXXOAKEC1	SQUARE HB 24V 90 W, 48 LED, CRI 70	90 W	12 150 lm	135 lm/W	70
S2V0300162XXXXOAKEC1	SQUARE HB 24V 30 W, 16 LED, CRI 80	30 W	3 660 lm	122 lm/W	80
S2V0600322XXXXOAKEC1	SQUARE HB 24V 60 W, 32 LED, CRI 80	60 W	7 320 lm	122 lm/W	80
S2V0900482XXXXOAKEC1	SQUARE HB 24V 90 W, 48 LED, CRI 80	90 W	10 980 lm	122 lm/W	80

When ordering, please specify the desired beam angle curve and colour temperature.



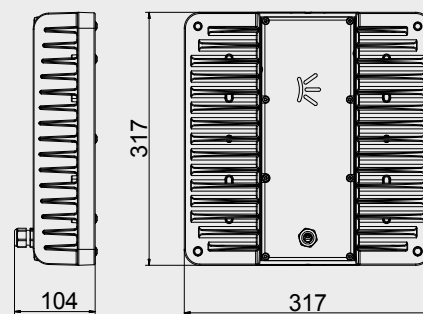
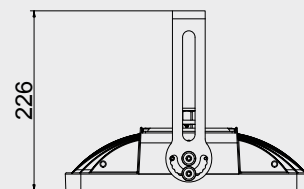
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KEY ADVANTAGES

- safe voltage 24 V
- luminaire efficacy up to 135 lm/W
- lifetime up to 100,000 h (L80B10)
- versatile use
- equipped with tempered glass panel
- wide range of power and beam angles
- can be adapted to any control system
- modern design and solid workmanship (IP67, IK09)
- possibility of mounting in ceiling panels
- easy mounting and adjustment
- made in Poland

DIMENSIONS [MM]



The handle is an accessory, priced separately.

APPLICATION:

- places with high humidity, risk of electric shock
- wastewater treatment stations
- inspection and service channels

