

SQUARE

PETROL

LED LUMINAIRE DESIGNED FOR
EXPLOSIVE AREAS DEDICATED
TO PETROL STATION



II 3G Ex ec IIC T4 Gc
II 3D Ex tc IIIC T85°C Dc



SQUARE PETROL LED is a modern light fitting designed for petrol stations offering luminous efficiency and high-precision optics. Designed to work in Zones 2,22 of explosion hazard of gases, vapours and mist of flammable liquids with air and inflammable dust and fibres, the luminaire is OBAC 21 ATEX 0287X certified. It is characterized by high protection grade and a design that makes it capable for use in the most extreme conditions. High protection rating (IP65) and tempered glass with silicone gasket guarantee excellent protection against dust and dirt. Complimentary mounting brackets allow for simple and easy adjustment of the light fitting, whereas a custom-made masking panel guarantees perfect adjustment to your petrol station and its modern look. Additionally SQUARE PETROL LED can be adapted to any control system which for you means extra savings.

TECHNICAL DATA

Light source	LED
Power consumption	90 - 150 W
Luminaire luminous flux	11 800 - 24 700 lm
Luminaire efficacy	131 - 165 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°
Material	high-pressure die-cast aluminium
Colour	white; other colours on request
Finish	powder coating
Glass	tempered glass
Optics	PMMA
Ingress protection rating	IP66/67
Impact protection rating	IK09
Weight	9 kg
Voltage	230 V
Frequency	50 Hz
Warranty	5 years
Control systems	optional, possibility of adjusting the intensity of illumination

FAMILY

INDEX NO	NAME	POWER	LUMINAIRE LUMINOUS FLUX	LUMINAIRE EFFICACY	RA/CRI
S2E0900401XXXXXAJEA1	SQUARE PT EX 90 W, 40 LED, CRI 70	90 W	12 800 lm	142 lm/W	70
S2E0900601XXXXXAJEA1	SQUARE PT EX 90 W, 60 LED, CRI 70	90 W	14 400 lm	160 lm/W	70
S2E1001001XXXXXAJEA1	SQUARE PT EX 100 W, 100 LED, CRI 70	100 W	16 500 lm	165 lm/W	70
S2E1501001XXXXXAJEA1	SQUARE PT EX 150 W, 150 LED, CRI 70	150 W	24 700 lm	165 lm/W	70
S2E0900402XXXXXAJEA1	SQUARE PT EX 90 W, 40 LED, CRI 80	90 W	11 800 lm	131 lm/W	80
S2E0900602XXXXXAJEA1	SQUARE PT EX 90 W, 60 LED, CRI 80	90 W	13 300 lm	148 lm/W	80
S2E1001002XXXXXAJEA1	SQUARE PT EX 100 W, 100 LED, CRI 80	100 W	15 400 lm	154 lm/W	80
S2E1501002XXXXXAJEA1	SQUARE EX 150 W, 100 LED, CRI 80	150 W	23 100 lm	154 lm/W	80

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



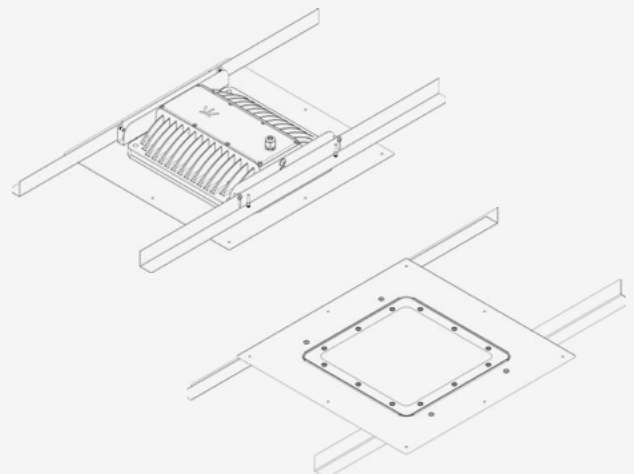
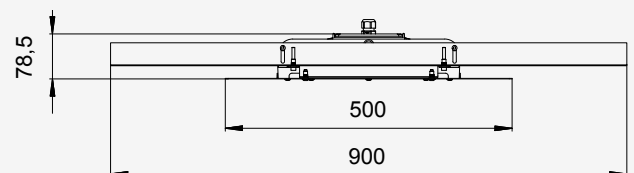
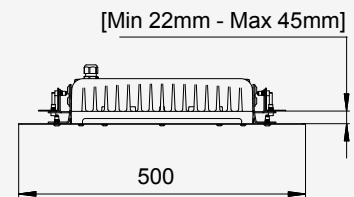
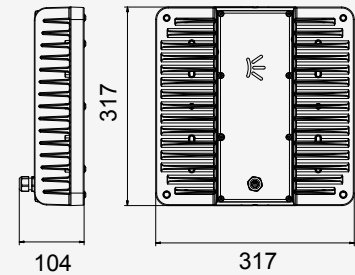
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KEY ADVANTAGES

- designed to work in zones 2,22
- OBAC 21 ATEX 0287X certificate
- luminous efficacy up to 165 lm/W
- lifetime up to 100 000 h (L80B10)
- tempered glass for extra protection
- easy installation and adjustment (mounting brackets included)
- masking panel made to measure
- can be adapted to any control system
- dedicated optics with wide range of beam angle
- white or anthracite colour
- modern design and solid workmanship (IP65, IK09)
- made in Poland

DIMENSIONS [MM]



The grille is an additional equipment priced separately.