LUMITEAM
RELIABLE LIGHTING

# SQUARE
## PETROL LED

LED LUMINAIRE DEDICATED
TO PETROL STATION

IP 67 | IP 66 | IK 09 | 120-270V 50/60 Hz | LED

SQUARE PETROL LED is a modern light fitting designed for petrol stations offering luminous efficiency and high-precision optics. High protection rating (IP67) 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.

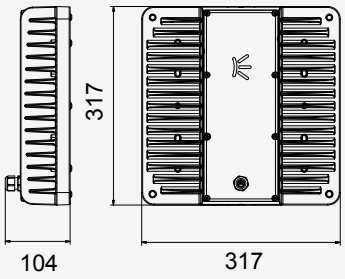
## TECHNICAL DATA

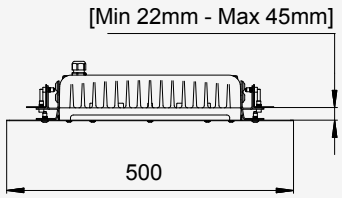
| | |
|---|---|
| Light source | LED |
| Power consumption | 90 - 150 W |
| Luminaire luminous flux | 11 800 - 24 700 lm |
| Luminaire efficacy | 131 - 165 lm/W |
| Colour temperature | 4 000 K, 5 700 K |
| Colour rendering index (CRI) | >70, >80 |
| Lumen maintenance output | 100 000 h (L80B10) |
| 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 | 50/60 Hz |
| Warranty | 5 years |
| Control systems | optional |

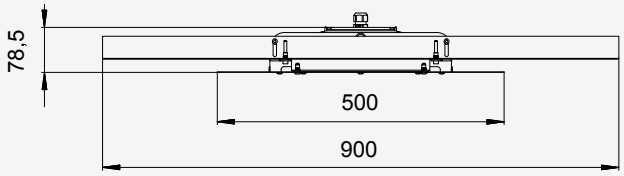
## KEY ADVANTAGES

- 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 work manship (IP67, IK09)
- made in Poland

## DIMENSIONS [MM]



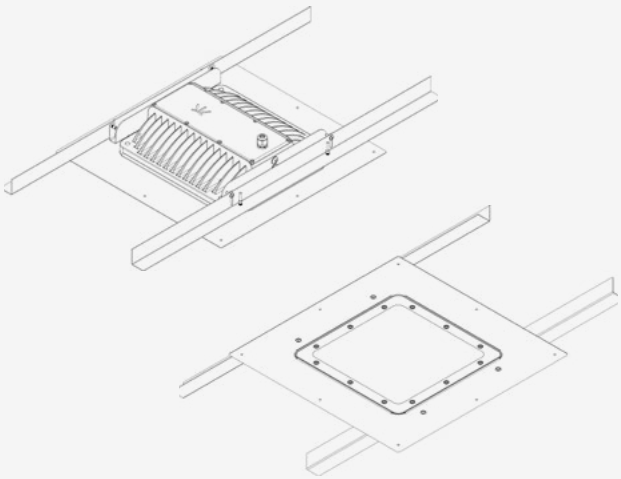




## FAMILY

| INDEX NO | NAME | POWER | LUMINAIRE LUMINOUS FLUX | LUMINAIRE EFFICACY | RA/CRI |
|---|---|---|---|---|---|
| S2109004O1XXXKXAKEA2 | SQUARE PT 90 W, 40 LED, CRI 70 | 90 W | 12 800 lm | 142 lm/W | >70 |
| S2109006O1XXXKXAKEA2 | SQUARE PT 90 W, 60 LED, CRI 70 | 90 W | 14 400 lm | 160 lm/W | >70 |
| S2110010O1XXXKXAKEA2 | SQUARE PT 100 W, 100 LED, CRI 70 | 100 W | 16 500 lm | 165 lm/W | >70 |
| S2E1501001XXXKXAKEA1 | SQUARE PT 150 W, 150 LED, CRI 70 | 150 W | 24 700 lm | 165 lm/W | >70 |
| S2109004O2XXXKXAKEA2 | SQUARE PT 90 W, 40 LED, CRI 80 | 90 W | 11 800 lm | 131 lm/W | >80 |
| S2109006O2XXXKXAKEA2 | SQUARE PT 90 W, 60 LED, CRI 80 | 90 W | 13 300 lm | 148 lm/W | >80 |
| S2110010O2XXXKXAKEA2 | SQUARE PT 100 W, 100 LED, CRI 80 | 100 W | 15 400 lm | 154 lm/W | >80 |
| S2E1501002XXXKXAKEA1 | SQUARE 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.



LUMI TEAM Sp. z o.o.
Wanaty, Warszawska 2E
42-260 Kamienica Polska
POLSKA

Tel: + 48 34 347 42 80
E-mail: info@lumiteam.eu
www.lumiteam.eu

The grille is an additional equipment priced separately.

Luminous flux tolerance +/- 10%. Power consumption tolerance depends on the power level - less than 100 W or equal to 100 W power consumption tolerance is 5%, over 100 W - 2.5%. The luminous flux, light intensity distribution and light efficiency were tested according to PN-EN 13032-4: 2015-09 and PN-EN 60598-1: 2015-04 at an ambient temperature of 25°C. Accessories for installation are quoted separately by the manufacturer. The latest product data is available on our website at www.lumiteam.eu | We reserve the right to make constructional changes to the luminaires.
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