

SQUARE LED HIGH BAY

HIGH BAY LED FITTING WITH GREAT
PARAMETERS AND VERSATILE APPLICATION



The main advantage of SQUARE LED HIGH BAY is its versatility and flexibility of application. 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 (up to 165 lm/W) and a high-rated seal (IP67), it works great as a floodlight not only in production and warehouse halls or sports facilities, but also for parking lots, building facades, monuments and other architectural objects. A large selection of power and optic type allows us to precisely select the right lighting for our customers, making this compact LED luminaire an instant hit.

TECHNICAL DATA

Light source	LED
Power consumption	50 - 150 W
Luminaire luminous flux	6 600 - 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°, 37°/103°
Material	high-pressure die-cast aluminium
Finish	powder coating
Colour	anthracite; other colours on request
Optics	PMMA
Glass	tempered glass
Ingress protection rating	IP67
Impact protection rating	IK09
Weight	7 kg
Voltage	230 V
Frequency	50 Hz
Warranty	5 years
Control systems	optional

FAMILY

INDEX NO	NAME	POWER	LUMINAIRE LUMINOUS FLUX	LUMINAIRE EFFICACY	RA/CRI
S200500401XXXXAKEA1	SQUARE HB 50 W, 40 LED, CRI 70	50 W	7 100 lm	142 lm/W	70
S200700401XXXXAKEA1	SQUARE HB 70 W, 40 LED, CRI 70	70 W	10 000 lm	143 lm/W	70
S200900401XXXXAKEA1	SQUARE HB 90 W, 40 LED, CRI 70	90 W	12 800 lm	142 lm/W	70
S200900601XXXXAKEA1	SQUARE HB 90 W, 60 LED, CRI 70	90 W	14 400 lm	160 lm/W	70
S201001001XXXXAKEA1	SQUARE HB 100 W, 100 LED, CRI 70	100 W	16 500 lm	165 lm/W	70
S201100601XXXXAKEA1	SQUARE HB 110 W, 60 LED, CRI 70	110 W	17 600 lm	160 lm/W	70
S201300601XXXXAKEA1	SQUARE HB 130 W, 60 LED, CRI 70	130 W	20 800 lm	160 lm/W	70
S201301001XXXXAKEA1	SQUARE HB 130 W, 100 LED, CRI 70	130 W	21 400 lm	165 lm/W	70
S201501001XXXXAKEA1	SQUARE HB 150 W, 100 LED, CRI 70	150 W	24 700 lm	165 lm/W	70
S200500402XXXXAKEA1	SQUARE HB 50 W, 40 LED, CRI 80	50 W	6 600 lm	132 lm/W	80
S200700402XXXXAKEA1	SQUARE HB 70 W, 40 LED, CRI 80	70 W	9 200 lm	131 lm/W	80
S200900402XXXXAKEA1	SQUARE HB 90 W, 40 LED, CRI 80	90 W	11 800 lm	131 lm/W	80
S200900602XXXXAKEA1	SQUARE HB 90 W, 60 LED, CRI 80	90 W	13 300 lm	148 lm/W	80
S201001002XXXXAKEA1	SQUARE HB 100 W, 100 LED, CRI 80	100 W	15 400 lm	154 lm/W	80
S201100602XXXXAKEA1	SQUARE HB 110 W, 60 LED, CRI 80	110 W	16 200 lm	147 lm/W	80
S201300602XXXXAKEA1	SQUARE HB 130 W, 60 LED, CRI 80	130 W	19 200 lm	148 lm/W	80
S201301002XXXXAKEA1	SQUARE HB 130 W, 100 LED, CRI 80	130 W	20 000 lm	154 lm/W	80
S201501002XXXXAKEA1	SQUARE HB 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.



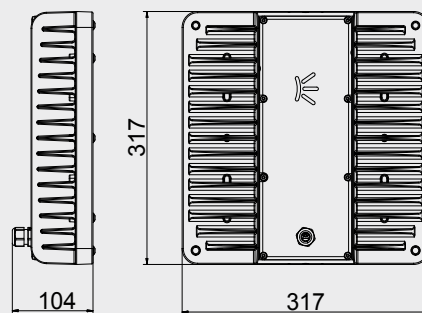
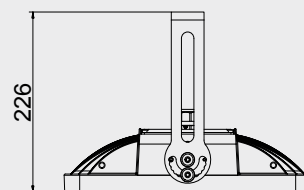
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KEY ADVANTAGES

- luminaire efficacy 165 lm/W
- lifetime up to 100,000 h (L80B10)
- equipped with tempered glass panel
- wide range of power and beam angles
- easy mounting and adjustment
- versatile use
- possibility of mounting in ceiling panels
- can be adapted to any control system
- modern design and solid workmanship (IP67, IK09)
- made in Poland

DIMENSIONS [MM]



The handle is an accessory, priced separately.

APPLICATION:

- production halls
- foundries, steelworks, etc.
- warehouses
- logistics centres
- airports and stations
- indoor and outdoor sports facilities
- gas stations
- building facades
- city squares and intersections

