




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



BEETLE II LED  is an explosion proof EX LED light fittings for use industrial premises and open spaces with an explosion hazard. 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 design that makes it capable for use in the most extreme conditions. BEETLE II LED  is characterized by high power and high luminous flux. Fitted with a tempered glass pane with a silicone gasket, the luminaire effectively protects the light source from harmful conditions and other contaminants. Thanks to its double-chamber design, BEETLE II LED  dissipates heat very well even at very high ambient temperatures.

TECHNICAL DATA

Light source	LED
Power consumption	60 - 250 W
Luminaire luminous flux	9 000 - 35 200 lm
Luminaire efficacy	132 - 160 lm/W
Colour temperature	4 000 K, 5 700 K, other on request
Colour rendering index (CRI)	70, 80
Lumen maintenance output	100 000 h (L80B10)
Operating temperature	-40°C do +45°C
Beam angles	20°, 30°, 60°, 90°, asymmetric
Material	high-pressure die-cast aluminium
Finish	powder coating
Colour	anthracite; other colours on request
Optics	PMMA
Glass	tempered glass
Ingress protection rating	IP65
Impact protection rating	IK09
Weight	9 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	MAX OPERATING TEMPERATURE
S5E0601921XXXXXAIEA1	BEETLE II EX 60 W, 192 LED, CRI 70	60 W	9 600 lm	160 lm/W	70	45°C
S5E1001921XXXXXAIEA1	BEETLE II EX 100 W, 192 LED, CRI 70	100 W	15 600 lm	156 lm/W	70	45°C
S5E1301921XXXXXAIEA1	BEETLE II EX 130 W, 192 LED, CRI 70	130 W	19 600 lm	151 lm/W	70	45°C
S5E1501921XXXXXAIEA1	BEETLE II EX 150 W, 192 LED, CRI 70	150 W	21 600 lm	144 lm/W	70	45°C
S5E2002881XXXXXAIEA1	BEETLE II EX 200 W, 288 LED, CRI 70	200 W	30 200 lm	151 lm/W	70	45°C
S5E2502881XXXXXAIEA1	BEETLE II EX 250 W, 288 LED, CRI 70	250 W	35 200 lm	141 lm/W	70	45°C
S5E0601922XXXXXAIEA1	BEETLE II EX 60 W, 192 LED, CRI 80	60 W	9 000 lm	150 lm/W	80	45°C
S5E1001922XXXXXAIEA1	BEETLE II EX 100 W, 192 LED, CRI 80	100 W	14 600 lm	146 lm/W	80	45°C
S5E1301922XXXXXAIEA1	BEETLE II EX 130 W, 192 LED, CRI 80	130 W	18 300 lm	141 lm/W	80	45°C
S5E1501922XXXXXAIEA1	BEETLE II EX 150 W, 192 LED, CRI 80	150 W	20 200 lm	135 lm/W	80	45°C
S5E2002882XXXXXAIEA1	BEETLE II EX 200 W, 288 LED, CRI 80	200 W	28 200 lm	141 lm/W	80	45°C
S5E2502882XXXXXAIEA1	BEETLE II EX 250 W, 288 LED, CRI 80	250 W	33 000 lm	132 lm/W	80	45°C

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

ACCESSORIES



ADJUSTABLE HANDLE FOR FIXED MOUNTING

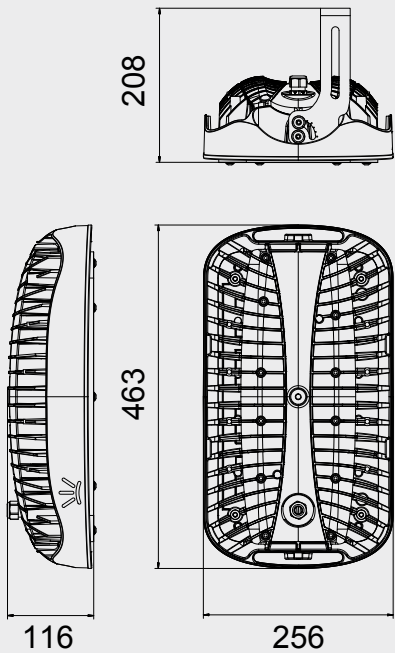


EYE BOLTS FOR SUSPENDED MOUNTING

KEY ADVANTAGE

- intended for use in zones 2,22
- OBAC 21 ATEX 0287X certificate
- power up to 250 W
- tempered glass
- exceptional luminous efficacy of up to 160 lm/W
- service life up to 100 000 h (L80B10)
- versatile use
- three mounting methods (on handle, suspended, single-point)
- can be adapted to any control system
- high temperature resistance (LUMI COOL®)
- a wide range of powers and lighting angles
- italian design and solid workmanship (IP67, IK09)
- made in Poland

DIMENSIONS [MM]



APPLICATION:

- explosive atmospheres
- open spaces with the danger of explosion of gases, liquids and their vapours, as well as combustible dusts
- mines
- steel mills
- industrial facilities
- refineries
- crilling platforms
- chemical plants
- chemical warehouses



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