

BEETLE

LED HIGH BAY

A LUMINAIRE THAT RAISES
THE BAR ON LED LIGHTING



EXCEPTIONAL PARAMETERS

BEETLE LED HIGH BAY luminaire is characterized by its high power (up to 250 W) and high luminous flux (up to 37 500 lm), but above all its defined by its excellent luminous efficacy (even up to 170 lm/W!) which translates into immediate savings.

THE RELIABILITY OF LUMI COOL®

BEETLE LED HIGH BAY is a two-chamber luminaire. The LEDs and the power supply are separated by a ribbed space that provides heat dissipation and air flow to cool both chambers. This solution guarantees the most efficient cooling of both heat sources of the luminaire and translates into a stable, long-term operation.

TECHNICAL DATA

Light source	LED
Power consumption	max. 250 W
Luminaire luminous flux	max. 37 500 lm
Luminaire efficacy	max. 170 lm/W
Colour temperature	4000 K, 5700 K
Colour rendering index (CRI)	70, 80, 90
Lumen maintenance output	100 000 h (L80B10)
Operating temperature	-40°C do +55°C
Beam angles	55°, 89°, 27°/118°
Electric class/Energy class	I/A++
Material	high-pressure die-cast aluminium
Finish	powder coating
Colour	anthracite; other colours on request
Optics	PMMA
International protection rating	IP67
Mechanical resistance rating	IK09
Weight	8 kg
Voltage	~230 V
Frequency	50 Hz
Warranty	5 years
Control systems	optional

PRODUCT FAMILY

INDEX NO	NAME	W	lm	lm/W	Ra/CRI	Ta
		POWER	LUMINAIRE LUMINOUS FLUX	LUMINAIRE EFFICACY	RA/CRI	*MAXIMUM AMBIENT TEMPERATURE
S100600361XXXXXBKEA1	BEETLE HB 60 W, 36 LED, CRI 70	60	10200	170	70	55°C
S100600601XXXXXBKEA1	BEETLE HB 60 W, 60 LED, CRI 70	60	10620	177	70	55°C
S101000361XXXXXBKEA1	BEETLE HB 100 W, 36 LED, CRI 70	100	16000	160	70	55°C
S101000601XXXXXBKEA1	BEETLE HB 100 W, 60 LED, CRI 70	100	17100	171	70	55°C
S101300361XXXXXBKEA1	BEETLE HB 130 W, 36 LED, CRI 70	130	20150	155	70	50°C
S101300601XXXXXBKEA1	BEETLE HB 130 W, 60 LED, CRI 70	130	21840	168	70	50°C
S101500361XXXXXBKEA1	BEETLE HB 150 W, 36 LED, CRI 70	150	22500	150	70	50°C
S101500601XXXXXBKEA1	BEETLE HB 150 W, 60 LED, CRI 70	150	24600	164	70	50°C
S102000601XXXXXBKEA1	BEETLE HB 200 W, 60 LED, CRI 70	200	31600	158	70	45°C
S102500601XXXXXBKEA1	BEETLE HB 250 W, 60 LED, CRI 70	250	37750	151	70	45°C
S100600362XXXXXBKEA1	BEETLE HB 60 W, 36 LED, CRI 80	60	9300	155	80	55°C
S100600602XXXXXBKEA1	BEETLE HB 60 W, 60 LED, CRI 80	60	9660	161	80	55°C
S101000362XXXXXBKEA1	BEETLE HB 100 W, 36 LED, CRI 80	100	14500	145	80	55°C
S101000602XXXXXBKEA1	BEETLE HB 100 W, 60 LED, CRI 80	100	15500	155	80	55°C
S101300362XXXXXBKEA1	BEETLE HB 130 W, 36 LED, CRI 80	130	18200	140	80	50°C
S101300602XXXXXBKEA1	BEETLE HB 130 W, 60 LED, CRI 80	130	19630	151	80	50°C
S101500362XXXXXBKEA1	BEETLE HB 150 W, 36 LED, CRI 80	150	20250	135	80	50°C
S101500602XXXXXBKEA1	BEETLE HB 150 W, 60 LED, CRI 80	150	22200	148	80	50°C
S102000602XXXXXBKEA1	BEETLE HB 200 W, 60 LED, CRI 80	200	28400	142	80	45°C
S102500602XXXXXBKEA1	BEETLE HB 250 W, 60 LED, CRI 80	250	34000	136	80	45°C

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

LUMITEAM
RELIABLE LIGHTING

LUMI TEAM Sp. z o.o.
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POLAND

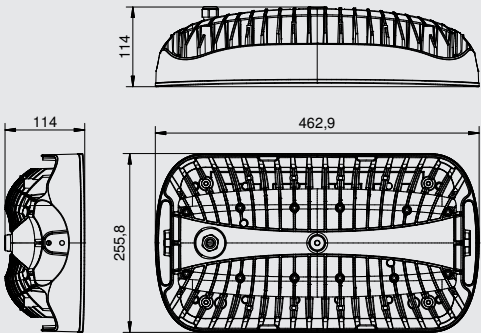
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E-mail: info@lumiteam.eu
www.lumiteam.eu

Luminous flux and power consumption tolerance +/- 10%. 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. The manufacturer does not provide components for installation. The latest product data is available on our website at www.lumiteam.eu | We reserve the right to make constructional changes to the luminaires. Update date: 04-04-2020.

KEY ADVANTAGES

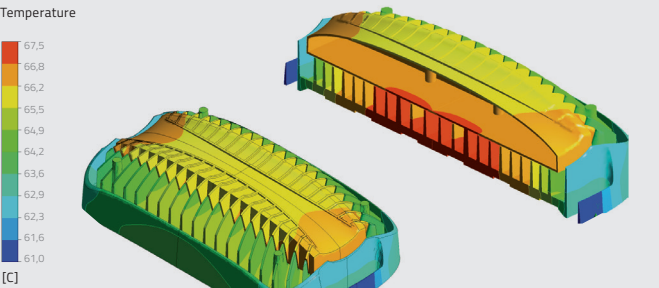
- exceptional luminaire efficacy up to 177 lm/W
- up to even 250 W of power
- service life up to 100 000 h (L80B10)
- high temperature resistance (LUMI COOL®)
- versatile use
- wide range of power and beam angles
- easy assembly and setting (adjustable handle)
- can be adapted to any control system
- italian design and solid workmanship (IP67, IK09)
- made in Poland

DIMENSIONS [MM]



THERMAL DISTRIBUTION

The following images show what the thermal housing looks like during operations. The ribbed surface effectively dissipates excess heat to the environment even at 50°C!



APPLICATION

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