

LEDBAY

LED lowbay and highbay



LED-BAY-MIDI



LED-BAY-MAXI 1



LED-BAY-MAXI 2



CONTROL



CIRCLE LIGHT



For project details



LOCALLY
manufactured



IP 66

Up to
IK 10

10kV
optional



Key advantages

- Designed and manufactured in South Africa
- Highly efficient and energy saving (replaces up to 1000W HID light sources)
- Very flexible: Available for lowbay or highbay applications
- Suitable for Food & Beverage industry with polycarbonate protector option
- Optimised heatsink design by means of vertical ribs for heat dissipation for up to 177W for the LEDBAY-MIDI, and up to 475W for the LEDBAY-MAXI
- Designed to operate LED light sources in an ambient temperature (Tq) environment of at least 25°C, without reducing the useful lifetime of up to 100 000 hours
- Long lifetime and low maintenance, no lamp replacement for more than 10 years
- Various optical solutions available
- Suitable for very low Unified Glare Rating (UGR) requirements
- Flicker-free lighting
- Optional motion sensor for even higher energy savings (MIDI only)
- Available in a battery back-up version (MIDI only)
- Available in Zone 2 and 21/22 versions (excludes LEDBAY-MAXI 2 version)
- 5-year warranty (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Testing standard	SANS 60598, SANS 62262	
Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)	
Protector	High-impact clear glass	High-impact polycarbonate (optional)
Housing finish	MIDI: Pearl Light Grey (RAL 9022), Textured finish	MAXI: Unpainted
Standard mounting	MIDI: Eyebolt for suspension chain	MAXI: U-bracket
Nominal voltage	198-264V – 50Hz	
Surge protection	MIDI: 10kV / 10kA (optional)	MAXI: 10kV / 10kA 20kV / 20kA (optional)
Operating temperature range (Ta)	MIDI: -30°C up to +35°C	MAXI: -30°C up to +45°C

LEDBAY	MIDI	MAXI 1	MAXI 2
Wattage (up to)	177W	315W	475W
Nominal flux (up to)	29,485lm	53,566lm	85,185lm
Luminaire output flux (up to)	26,537lm	45,531lm	72,407lm
Luminaire efficacy (up to)	150lm/W	145lm/W	156lm/W
Colour temperature	4000K (Neutral white 740) CRI ≥70		
Lifetime of the LEDs @Tq 25°C	MIDI: 100,000h - L70B10	MAXI: 100,000h - L95B10	
Lifetime of the Driver @Tq 25°C	100,000h ≤10% failure rate		



BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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Designed and manufactured by BEKA Schröder (Pty) Ltd



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