

ECOBAY

LED lowbay and highbay



ECOBAY RP MINI



ECOBAY RP MAXI



ECOBAY RP MAXI with skirt



ECOBAY SP



Key advantages

- Designed and manufactured in South Africa
- Highly efficient and energy saving (replaces up to 400W HID light sources)
- Very flexible: Available for lowbay or highbay applications
- Optimised heatsink design by means of vertical ribs for heat dissipation for up to 201W
- Designed to operate LED light sources of up to 201W in an ambient temperature (T_a) environment of at least 25°C, without reducing the useful lifetime of up to 100 000 hours, at a lumen depreciation of not more than 30% (L70B10)
- T_a of up to 45°C
- 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 skirt for an aesthetically pleasing look with enhanced glare reduction
- Circular economy 3-star rating
- 5-year warranty (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Testing standard	SANS 60598, SANS 62262	
Housing	RP MINI: High-pressure die-cast aluminium (EN 1706 AC-47100)	RP MAXI & SP: Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)
Protector	RP: Integrated with optic	SP: Glass / Polycarbonate - clear or opal
Housing finish	Painted aluminium	
Standard mounting	Eyebolt for suspension chain	
Nominal voltage	198-264V – 50Hz	
Surge protection	6kV / 6kA	
Operating temperature range (T _a)	-30°C up to +45°C	

ECOBAY	RP MINI	RP MAXI	SP
Wattage (up to)	100W	186W	201W
Nominal flux (up to)	16,693lm	27,883lm	32,650lm
Luminaire output flux (up to)	15,575lm	25,095lm	29,385lm
Luminaire efficacy (up to)	156lm/W	137lm/W	155lm/W
Colour temperature	4000K (Neutral white 740); 5700K (Cool white 757) CRI ≥70		
Lifetime of the LEDs @T _q 25°C	100,000h - L70B10		
Lifetime of the Driver @T _q 25°C	100,000h ≤10% failure rate		



INDUSTRIAL HALL



WAREHOUSE



ASSEMBLY LINE



RETAIL AREA



SERVICE STATION



SPORT AREA

BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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LOCALLY
manufactured

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