

BEKA Schréder

Experts in lightability™

SABS
ISO 9001

SABS
ISO 14001

LEDTEC

LED lowbay range



CIRCLE LIGHT



LOCALLY
manufactured



IP 66

Up to
IK 10



Key advantages

- Designed and manufactured in South Africa
- Designed to operate LED light sources of up to 144W in an ambient temperature (Ta) environment of up to 40°C
- The expected useful lifetime is 100 000 hours, at a lumen depreciation of not more than 30% (L70) at an ambient temperature (Tq) of 25°C
- Designed for easy, reliable and energy efficient canopy and ceiling installation to replace up to 400W HID light sources
- Easily accessible power supply/driver compartment
- Glare-reduced light distribution
- Flicker-free lighting
- Available in battery back-up, Zone 2 and 21/22 versions
- Circular economy 3-star rating
- 5-year warranty (Terms and conditions apply)

Characteristics

GENERAL INFORMATION

Testing standard	SANS 60598
Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)
Protector	Glass
	High-impact polycarbonate (optional)
Housing finish	White (RAL 9003), Brilliant finish
Standard mounting	Stirrup enabling adjustable inclination on-site
	U-bracket (optional)
Nominal voltage	198-264V – 50Hz
Surge protection	10kV / 10kA
Operating temperature range (Ta)	-30°C up to +40°C

LEDTEC

Wattage (up to)	144W
Nominal flux (up to)	21,967lm
Luminaire output flux (up to)	20,869lm
Luminaire efficacy (up to)	160lm/W
Colour temperature	5700K (Cool white 757); 4000K (Neutral white 740); 3000K (Warm white 730) CRI ≥70
Lifetime of the LEDs @Tq 25°C	100,000h - L70B10
Lifetime of the Driver @Tq 25°C	100,000h ≤10% failure rate



SERVICE STATION



RETAIL AREA



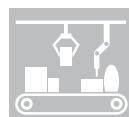
SPORT AREA



INDUSTRIAL HALL



WAREHOUSE



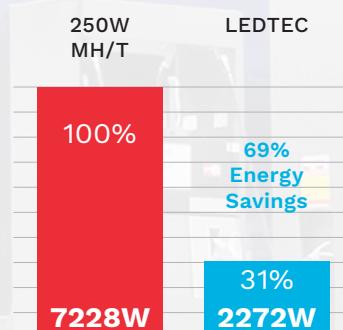
ASSEMBLY LINE

Case Study: Undercanopy Lighting of a Service Station



Lowbay fitted with 250W Metal Halide Lamp		
	LEDTEC	
Luminaire power consumption (W)	278	144
Total quantity	26	16
Total power consumption (W)	7228	2272

Energy Savings



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Designed and manufactured by BEKA Schréder (Pty) Ltd

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