

LEDTEC

LED lowbay range



Key advantages

- Designed and manufactured in South Africa
- Designed to operate LED light sources of up to 144W in an ambient temperature (T_a) 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 (T_q) 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 (T_a) | -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 @ T_q 25°C | 100,000h – L70B10 |
| Lifetime of the Driver @ T_q 25°C | 100,000h $\leq 10\%$ failure rate |



SERVICE
STATION



RETAIL AREA



SPORT AREA



INDUSTRIAL
HALL



WAREHOUSE

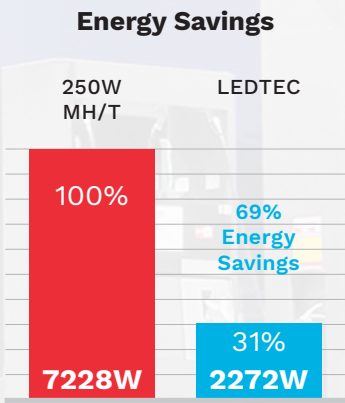


ASSEMBLY LINE

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 |



BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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Designed and manufactured by BEKA Schröder (Pty) Ltd



LOCALLY
manufactured

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