

LEDNOVA

Robust and highly reliable LED bulkhead range



LEDNOVA-MINI
(Painted version)



LEDNOVA-MIDI
(Painted version)



Key advantages

- Designed and manufactured in South Africa
- Designed to operate LED light sources of up to 81W without reducing the useful lifetime of up to 100 000 hours, at a lumen depreciation of not more than 10% (L90B10)
- Ta of up to 45°C (Not applicable to all configurations)
- Slim, aesthetical design optimised for LED characteristics
- Designed to replace conventional HID and CFL bulkhead luminaires
- Easy to install
- Surge protection 10kV/10kA
- Available in Zone 1 version
- Available in battery back-up and 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, SANS 62262		
Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)		
Protector	Glass	High-impact polycarbonate (optional)	
Housing finish	Unpainted aluminium		
Standard mounting	Wall/ceiling mounting	Pole mounting (optional)	Stirrup mounting (optional)
Nominal voltage	90-305V – 50Hz (Universal voltage)		230V +3%/-10% - 50Hz
Surge protection	10kV / 10kA		20kV / 20kA (optional)
Operating temperature range (Ta)	-35°C up to +45°C		

LEDNOVA	MINI	MIDI
Wattage (up to)	81W	77W
Nominal flux (up to)	12,379lm	12,495lm
Luminaire output flux (up to)	10,275lm	10,371lm
Luminaire efficacy (up to)	143lm/W	149lm/W
Colour temperature	4000K (Neutral white 740); 3000K (Warm white 730); 5700K (Cool white 757) CRI ≥70	
Lifetime of the LEDs @Tq 25°C	Up to 100,000h - L90B10	
Lifetime of the Driver @Tq 25°C	100,000h ≤10% failure rate	



HAULAGE
LIGHTING



INDUSTRIAL
HALLS &
WAREHOUSES



INDUSTRIAL
HARBOUR



RECLAIMER



CONVEYOR BELT



WAREHOUSE

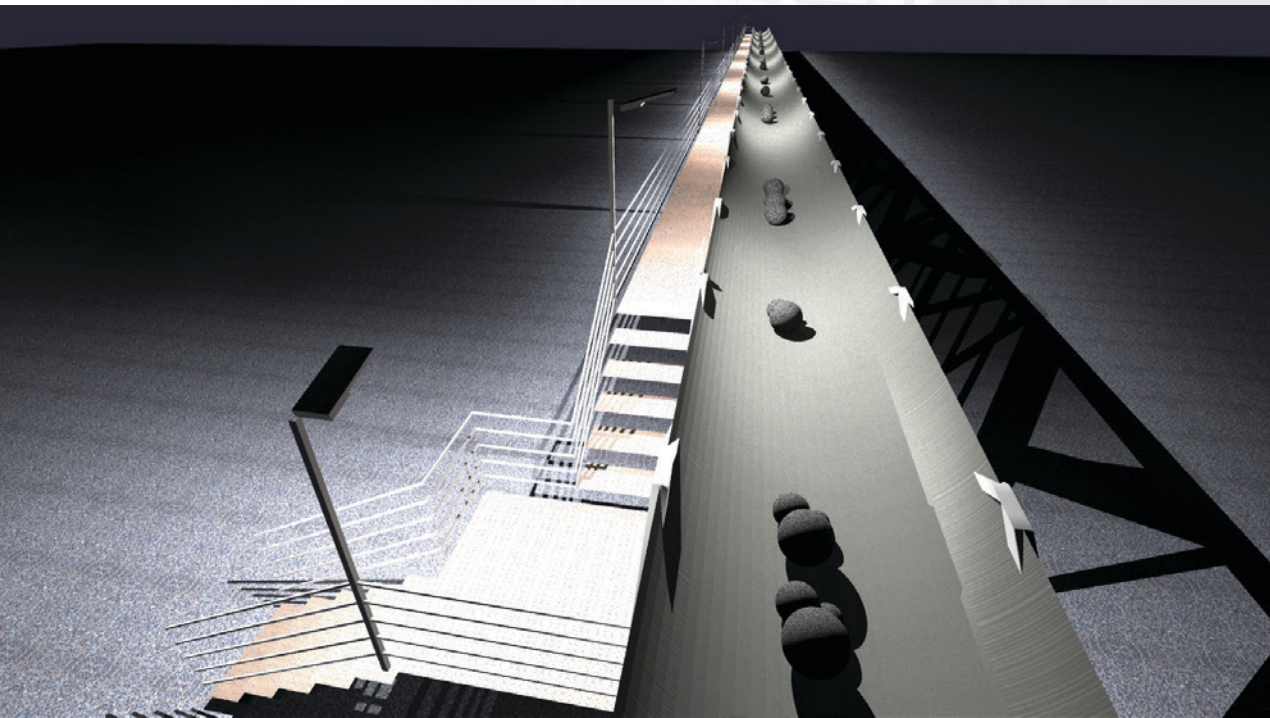


ASSEMBLY LINE

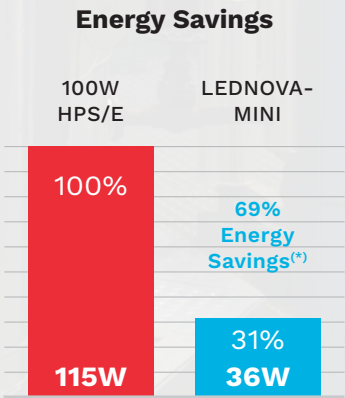


LOADING BAY

Case Study: Lighting a conveyor with walkway



	Bulkhead fitted with 100W High-Pressure Sodium Lamp	LEDNOVA-MINI
Luminaire power consumption	115W	36W
Spacing between luminaires	11m	12m
Total quantity	9	9
Total power consumption	1035W	324W



^(*)Optic 5424, optimised design based on specifications. Additional savings can be generated by integrating smart control systems.

Please note: Above calculation is for demonstration purposes, please contact us for detailed energy saving and return of investment calculations.

BEKA Schröder

Experts in lightability™

SABS
ISO 9001



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