

OMNISTAR MIDI

High-power LED floodlighting solution



LOCALLY
manufactured



IP 66

Up to
IK 10

Up to
20kV



CONTROL



CIRCLE
LIGHT



Key advantages

- Designed and manufactured in South Africa
- Designed to operate LED light sources of up to 226W in an ambient temperature (Tq) environment of up to 25°C, without reducing the useful lifetime of 100 000 hours, at a lumen depreciation of not more than 10% (L90B10)
- Cost effective and efficient lighting solution to maximise energy and maintenance cost savings in high-power applications
- ThermiX® (resists extreme temperatures: Ta up to 55°C) and IP 66 tightness level for long-lasting performance
- Instant switch on/off
- Sports applications: ball impact resistant
- Maintenance free
- Surge protection 10kV/10kA
- 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

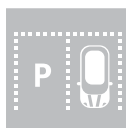
Testing standard	SANS 60598, SANS 62262, SANS 475	
Housing	Marine grade high-pressure die-cast aluminium (EN 1706 AC-44300)	
Protector	High-impact clear glass	High-impact polycarbonate (optional)
Housing finish	Unpainted aluminium	
Aerodynamic resistance (CxS) (up to)	0.12m ²	
Nominal voltage	198-264V – 50Hz	
Surge protection	10kV / 10kA	20kV / 20kA (optional)
Operating temperature range (Ta)	-40°C up to +50°C	

OMNISTAR-MIDI

Wattage (up to)	226W
Nominal flux (up to)	37,147lm
Luminaire output flux (up to)	32,318lm
Luminaire efficacy (up to)	152lm/W
Colour temperature	4000K (Neutral white 740); 5700K (Cool white 757) CRI ≥70
Lifetime of the LEDs @Tq 25°C	100,000h - L90B10
Lifetime of the Driver @Tq 25°C	100,000h ≤10% failure rate



INTERCHANGE



AREA



INDUSTRIAL
HARBOUR



HIGHMAST
LIGHTING



MANUFACTURING



FAÇADE



SIGNAGE



STADIUM



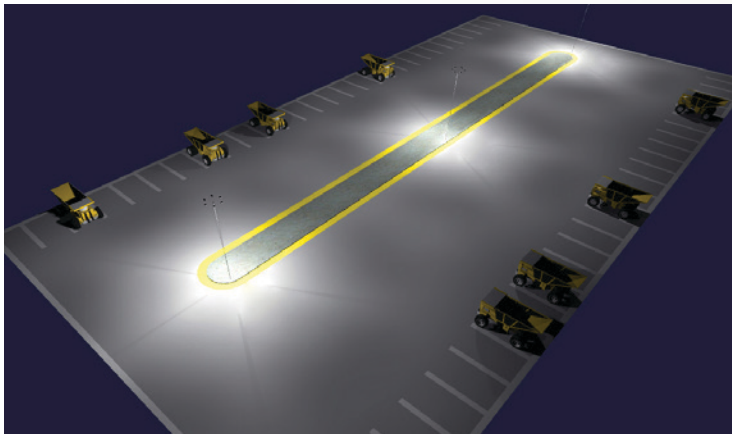
UNIVERSITY
TRACK & FIELD



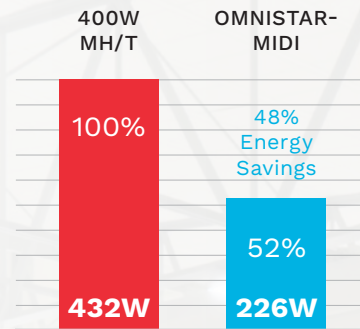
MULTI-PURPOSE
HALLS

Case Studies

Industrial Parking Area

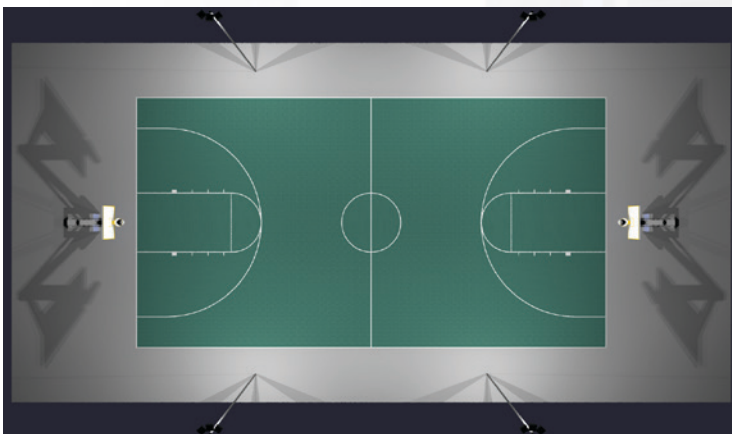


Energy Savings

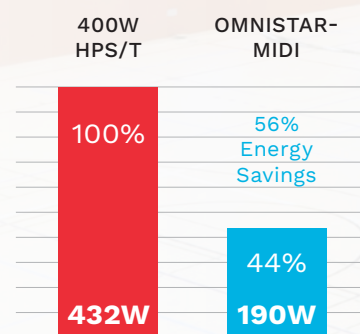


	Luminaire fitted with 400W Metal Halide lamp	OMNISTAR-MIDI 226W
Number of fittings	18	18
Energy used (W)	7 776	4 068
Energy saved (W)	3 708	

Recreational Sports - Basketball Major Club



Energy Savings



	Luminaire fitted with 400W Metal Halide lamp	OMNISTAR-MIDI 190W
Number of fittings	12	12
Energy used (W)	5 184	2 280
Energy saved (W)	2 904	

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

BEKA Schröder

Experts in lightability™

SABS
ISO 9001



www.beka-schreder.co.za

Designed and manufactured by BEKA Schröder (Pty) Ltd



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