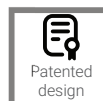


# Minilite AK Mark 3



Management System  
ISO 9001:2015  
www.tuv.com  
ID: 310587025



## Overview

- **Energy Efficiency:** The Minilite Mark 3 uses LED technology, ensuring low power consumption while maintaining high brightness and performance.
- **Durability & Robust Design:** Built with high-quality materials, it offers strong resistance to environmental factors such as dust, moisture, and impact.
- **Long Lifespan:** Designed for extended operational life, reducing maintenance and replacement costs over time.
- **Superior Illumination:** Provides bright, uniform lighting with excellent color rendering, improving visibility in various applications.
- **Versatile Mounting Options:** Can be installed in multiple configurations, making it suitable for different environments and mounting surfaces.
- **Low Maintenance Requirements:** Engineered for reliability with minimal upkeep, reducing operational disruptions and maintenance costs.

## Applications



Mining and Surface Areas



Oil and Gas



Industrial



Outdoor Areas



Haulage

Bulkhead - Haulage - Mining



NORDLAND  
LIGHTING®

Bulkhead - Haulage - Mining

## PERFORMANCE DATA

Model Name	Minilite AK 18W Mark 3
Wattage (W) +- 5% variance	18 W
Nominal Flux (Lumen)	2588
System Flux (Lumen)	2250
System Efficacy (lm/W)	125 lm/W

## ELECTRICAL OPERATING DATA

Driver Type	Constant Current
Voltage input, Frequency and Power Factor	110 - 230VAC +- 10% / 50 or 60Hz / PF > 0.96
Running Current	0.1A @ 18W (230VAC model)
Allowed Operating Temperature	-15° C to +40° C
Electrical and Thermal Protection	2kV L/N to Earth, 1kV L to N

## LED CHARACTERISTICS AND OPTIC DATA

Available Optics	Special LED configuration to allow for upward, sideways and downward lighting
Expected LED Lifespan	>50000 hours @ L70B10 25°C
Colour Rendering Index (CRI)	>80
Correlated Colour Temperature (CCT)	6000K Standard
IES Files	Available on request, Professional Lighting Design services available at no cost

## PRODUCT MATERIAL AND INSTALLATION

Housing Material and Finish	Polycarbonate, Grey as standard other colours available on request
Lens and Gasket	Polycarbonate clear lens (other colours available on request / Silicone gasket cemented into groove)
Ingress Protection and IK Rating	IP65 / IK08
Mounting and Installation options	Slideplate mounting standard, other mounting options available upon request

## Certifications and Standards Compliance

Standards compliance	SANS 60589-1
ISO QMS	9001:2015

## Dimensions and Packaging

Model	Minilite AK 18W Mark 3
Dimensions (Length x Width x Height) in mm	230 x 127 x 78
Weight (Unit / Packaged) in kg	0.8 / 1.0

## Miscellaneous

Contact Nordland	T: 010 442 2809	E: Sales@Nordland.co.za	W: <a href="https://Nordland-Lighting.com/">https://Nordland-Lighting.com/</a>
Warranty Details	5 Years (Limited)	T's and C's Available from Nordland	W: <a href="https://Nordland-Lighting.com/">https://Nordland-Lighting.com/</a>
Free Services Provided	Lighting Audits	Lighting Designs by Accredited Professionals	Lighting Specification Writing and Tender Detail Assistance

52 Fransen street, Chamdor, Krugersdorp, Johannesburg, South Africa

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