

Ezelite Cage Light



Overview

The Ezelite Cage Light is built to withstand harsh and mining environments, featuring:

- **Purpose & Application** – Designed for non-hazardous environments, ideal for mine cage lighting.
- **Construction** – Tough Polycarbonate housing with a UV-stabilized clear Polycarbonate lens ensures long-term durability and impact resistance.
- **Ingress & Impact Protection** – Ingress & Impact Protection – Rated IP65 and IK08, providing strong protection against dust, moisture, and mechanical impact.
- **Optical Performance** – Fitted with a 25 W LED tube delivering a 120-degree light distribution for broad and even illumination.
- **Electrical Configuration** – Operates via a 12–32 VAC LED driver and includes an integrated microwave motion sensor.
- **Installation Options** – Supplied with an IP-rated inline connector and power lead; suitable for wall mounting with spring clips.

Applications



Mining and
Surface Areas



Oil and Gas



Industrial



Outdoor Areas



Indoor Areas

Mining - Robust - Cage Light

PERFORMANCE DATA

Model Name	Ezelite Cage LED
Wattage (W) +- 5% variance	25 W
Nominal Flux (Lumen)	2766
System Flux (Lumen)	2484
System Efficacy (lm/W)	103lm/W

ELECTRICAL OPERATING DATA

Driver Type	LED Constant Current
Voltage input, Frequency and Power Factor	12 - 32VAC +- 10% / 50 or 60Hz / PF > 0.90
Running Current	0.12A @ 25W
Allowed Operating Temperature	-15° C to +35° C
Electrical and Thermal Protection	Fused AC - DC converter

LED CHARACTERISTICS AND OPTIC DATA

Available Optics	180° Standard
Expected LED Lifespan	>30000 hours
Colour Rendering Index (CRI)	>80
Correlated Colour Temperature (CCT)	4500K
IES Files	Available on request, Professional Lighting Designer services available at no cost

PRODUCT MATERIAL AND INSTALLATION

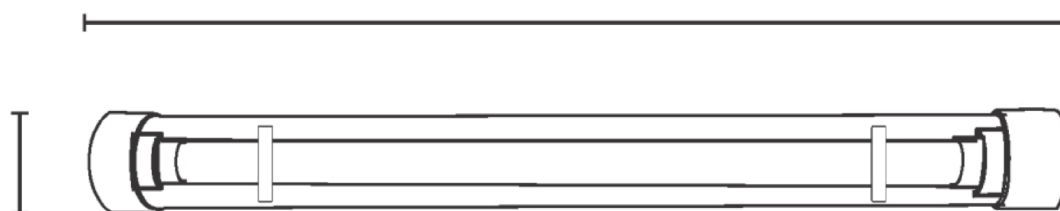
Housing Material and Finish	Polycarbonate
Lens and Gasket	UV stabilized smooth clear Polycarbonate lens / Rubber o-ring cemented into groove
Ingress Protection and IK Rating	IP65 / IK08
Mounting and Installation options	Power lead/ Clip mounted /Microwave sensor built in

Certifications and Standards Compliance

Standards compliance	SANS 60598-1
Mounting and Installation options	Wall mount bracket

Dimensions and Packaging

Model	Ezelite LED
Dimensions (Length x Diameter) in mm	1610 x 61
Weight (Unit / Packaged) in kg	1.4 / 1.6



Miscellaneous

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

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