

**High Visibility. Total Reliability.
Built for Safety.**

High-intensity LED rotating beacon designed for airport location identification. Compliant with ICAO and FAA standards.



High
Visibility



ICAO / FAA
Compliant



High Intensity
LED



Corrosion
Resistant



Easy
Installation



Long
Service Life

PRODUCT OVERVIEW

The CN25 LED Airport Rotating Beacon is a high-performance visual aid used for airport location identification. Engineered for maximum visibility and reliability, it ensures safe navigation in fog, rain and conditions. Built to international aviation standards for dependable day and night operation.

APPLICATIONS

- Airport location identification
- Control towers
- Heliports
- Obstruction marking
- Telecommunication towers
- Industrial and marine structures



TECHNICAL SPECIFICATIONS

ELECTRICAL

Operating Voltage	AC220V (50/60Hz)
Power Consumption	White: 150W Green: 30W
Flash Frequency	12rpm, 24 flashes/minute
Light Intensity	25000 – 50000cd
Light Source	LED
LED Life	> 100,000 hours
Emitting Color	White & Green

MECHANICAL

Housing Material	Aluminium Alloy
Lens	Polycarbonate
Mounting	4 x Ø13 mm holes on base plate
Finish	Powder Coated (Aviation Yellow)
Weight	Approx. 8.5 kg

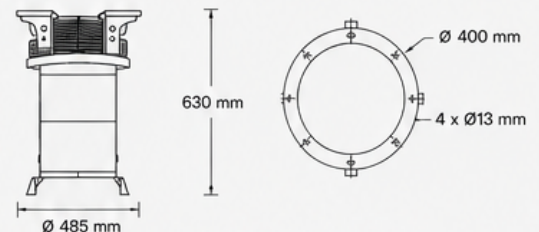
ENVIRONMENTAL

Ingress Protection	IP65
Operating Temperature	-40°C to +55°C
Wind Load	240 km/h
Altitude	≤ 2500 m
Humidity	0 to 95% RH

DATA SHEET

Product Code	CN25
Description	LED Airport Rotating Beacon
Light Type	LED
Emitting Color	White & Green
Operating Voltage	AC220V (50/60Hz)
Power Consumption	White: 150W / Green: 30W
Flash Frequency	12rpm, 24 flashes/minute
Light Intensity	25000 – 50000cd
Light Source	LED
LED Life	> 100,000 hours
IP Rating	IP65
Operating Temperature	-40°C to +55°C
Wind Load	240 km/h
Altitude	≤ 2500 m
Weight	Approx. 8.5 kg
Overall Dimension (H x D)	630 x Ø485 mm
Installation Dimension	4 x Ø13 mm holes on base plate

DIMENSIONS



KEY FEATURES

- ✓ High-intensity rotating LED beam
- ✓ Up to 50,000cd light intensity
- ✓ Compliant with ICAO Annex 14 and FAA AC 150/5345-12
- ✓ White & Green color options
- ✓ Corrosion resistant aluminium alloy
- ✓ IP65 protection for harsh environments
- ✓ Long service life > 100,000 hours

INSTALLATION NOTES

- Install on stable, vibration-free surface.
- Secure with 4 x M12 anchors (not included).
- Ensure proper grounding for lightning protection.
- Use approved power supply and surge protection.
- Follow ICAO Annex 14 and local regulations.



**MADE IN
SOUTH AFRICA**

CN LIGHTING SERIES

📍 Pretoria, South Africa
🌐 www.cnlighting.co.za



1 YEAR WARRANTY

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Performance you can rely on.

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