CN LIGHTING
Aviation Series

CN19 – LED APPROACH LIGHTS

APPLICATION: NON – PRECISION SIMPLE APPROACH RUNWAY

Reliable. Efficient. Built for Safety.

High Visibility LED | Rugged Aviation Grade | IP65+ Weather Resistant | Low Maintenance | 230 VAC Operation

PRODUCT OVERVIEW

The CN19 LED Approach Light is designed for non-precision simple approach runway systems.

Engineered for high performance and reliability, it ensures maximum visibility and safety for pilots in all weather conditions.

APPLICATIONS

- Non-precision approach runway lighting systems
- Private and regional airports
- Temporary or remote airstrips
- Aviation training facilities

TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage	220 VAC
Frequency	50/60 Hz
Power Consumption	≤ 10 W
Power Factor	> 0.95
Surge Protection	Integrated (recommended external protection)

OPTICAL

Light Source	High Intensity LED
Light Colour	White
Lens Type	Prismatic Dome
Beam Distribution	Omnidirectional
Intensity (White)	2300 cd
Vertical Divergence	10°

MECHANICAL

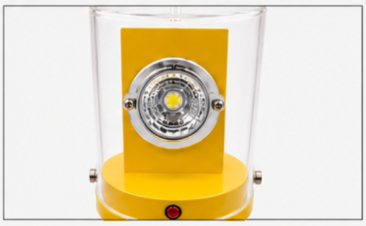
Housing	Aviation Grade Aluminium
Finish	Powder Coated (Aviation Yellow)
Mounting	Base Plate with Multi-Hole Fixing
Ingress Protection	IP65+
Impact Resistance	IK10
Weight	1.25 kg

ENVIRONMENTAL

Operating Temperature	-20°C to +55°C
Humidity	0 – 100%
Corrosion Resistance	Yes (Anti-corrosive Coating)
UV Resistance	Yes

DATA SHEET (WHITE)

Product Code	**CN19**
Light Colour	**White**
Intensity (White)	**2300 cd**
Test Date	**12/9/2024**
Colour Temperature	**6500K**



KEY FEATURES

- ✓ High visibility LED technology
- ✓ Reliable aviation grade construction
- ✓ Weatherproof and corrosion resistant
- ✓ Easy installation and maintenance
- ✓ Low power consumption
- ✓ 360° horizontal light output

INSTALLATION NOTES

- Mount on flat surface using 4 x M8 bolts (not included).
- Ensure proper grounding for surge protection
- Align according to runway approach lighting requirements
- Use non-shrink grout for permanent installations

MADE IN SOUTH AFRICA

CN LIGHTING SERIES
Pretoria, South Africa
www.cnlighting.co.za

1 YEAR WARRANTY
Quality you can trust.
Performance you can rely on.

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