CIP LIGHTING

BUY AMERICAN ACT COMPLIANT

TURTLE-SAFE

AmberLED Technology

NIKLAS 3

L70 25°C 147,000 Hours

AmberLED Low Profile Pathway Bollard

NIKLAS 3

NIKLAS 33

The LEPG AmberLED NIKLAS 3 Low Profile Pathway Bollard provides full cutoff lighting for outdoor path, walkways and landscape areas using wide spread optics designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. These fixtures are ideal for landscaped areas at retail centers, parks, restaurants, hotels, schools and universities, office buildings and medical facilities.

Specifications and Features:

Housing:
Die Cast Aluminum Housing Sealed Driver Compartment. 360° Distribution or 180° Shield.

Listing & Ratings:
ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:
Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:
Mounting Kit with 8″ Zinc-Plated Anchor Bolts, Included.

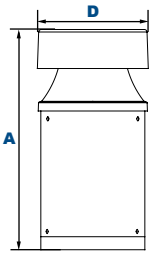
AmberLED:
Aluminum Boards

Wattage:
Arrays: 14w, System: 16.1w

Driver:
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



Dimensions	
Diameter (D)	4¾″ (120mm)
Height (A)	10″ (254mm)

WILDLIFE LIGHTING — PROTECTING WILDLIFE THROUGH RESPONSIBLE LIGHTING PRACTICES

Pending Approval

AmberLED 585-595NM

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

Certification & Listings:

C ETL US LISTED INTERTEK — IP66

Specifications subject to change without notice. Rev. 032425

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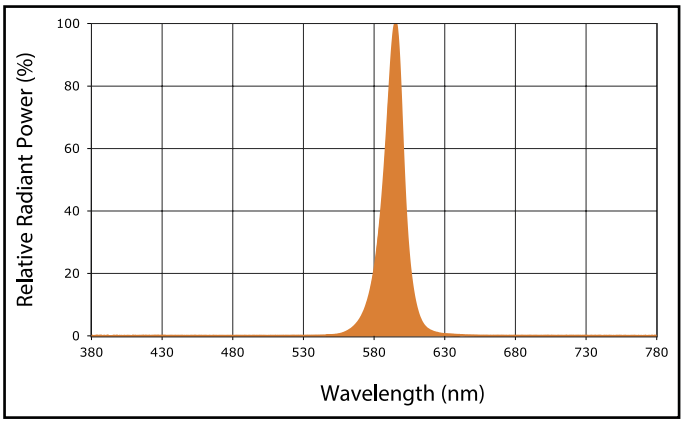
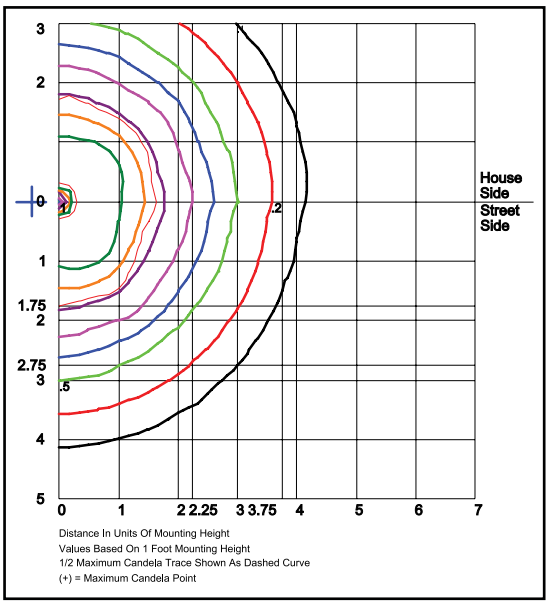
Order Information Example: NIKLAS 3-1X14-U-AM-C-Z-10-SP

	U	AM	C			
Model	**Driver**	**CCT**	**Lens**	**Color**	**Height**	**Options**
NIKLAS 3-1X14=Low Profile Pathway Bollard - 360°, 14w **NIKLAS 33-1X14**=Low Profile Pathway Bollard with 180° Shield, 14w	**U**=120-277V	**AM**=Amber, 585-595nm	**C**=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	**Z**=Bronze **B**=Black **C**=Custom (Consult Factory)	**10**=10″ **C**=Custom* *Consult factory. Minimum NEC requirements for wiring space and above ground level must be met.	**SF**=Single Fuse **SP**=Surge Protection

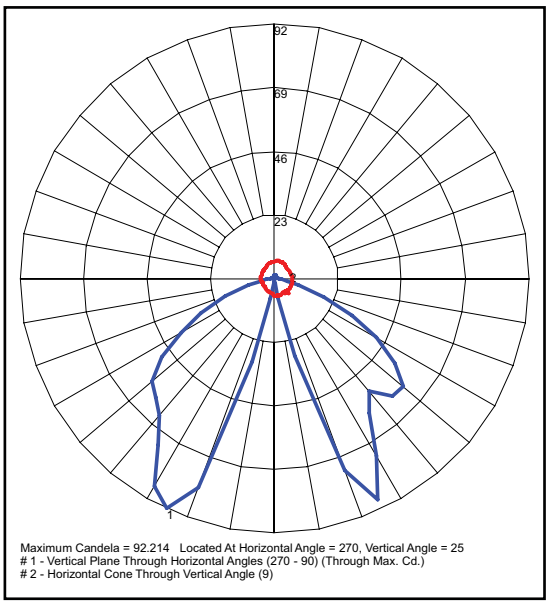
Spectral Chart



Photometric Data



NIKLAS 3-1X14-U-AM
360° Open - Clear Glass Lens
Grid in feet, Mounting Height = 1 ft.



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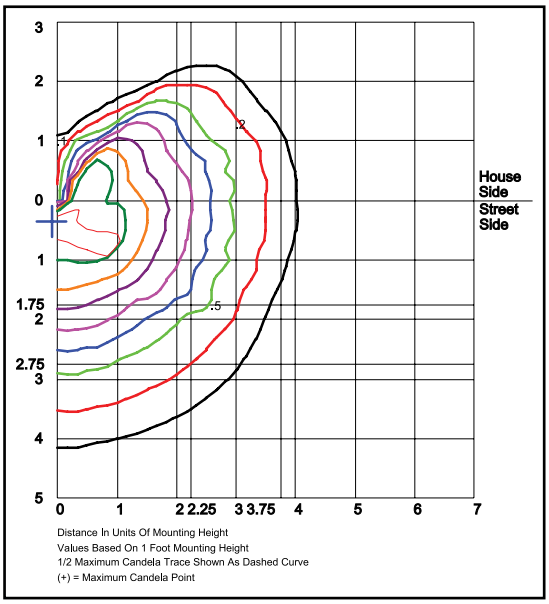

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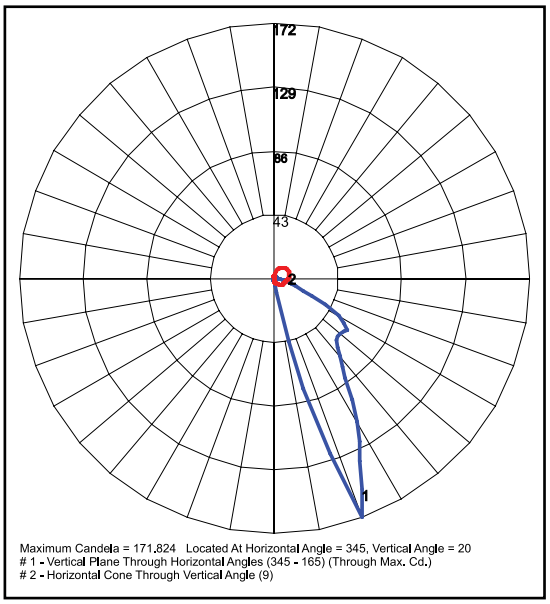

NIKLAS-1X14-U-AM
360° Open - Clear Glass Lens
Grid in feet, Mounting Height = 1 ft.

Photometric Performance

Wattage (Catalog Logic)		14W (1X14)
	Input Watts	16.1W
Optic	CCT	Delivered Lumens
360° NB5O Models F=Type V Optic	Amber	192
	BUG Rating	B0-U1-G0

Wattage (Catalog Logic)		14W (1X14)
	Input Watts	16.1W
Optic	CCT	Delivered Lumens
180° NB5H Models F=Type V Optic	Amber	136
	BUG Rating	B0-U1-G0

Projected Lumen Maintenance

Data shown for Amber LEDs			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 16w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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