

NITRO II LED

2% NITROGEN INFUSED ACRYLIC PENDANT

APPLICATION:

Retail and commercial ambient and display lighting

CONSTRUCTION:

Extruded aluminum ballast housing
Powder coat paint, available in over 200 finishes

MOUNTING:

Busway, canopy and c-clamp
Various stem lengths, from a minimum of 6" up to 10', in 1' increments between driver housing and LED housing

LABELING:



OPTICS:

LED cluster
Color Temp: 3000K (3045K ±175)
CRI: 85
Life: 50,000 hrs
Lumen Maintenance: >70% of initial lumens @ 50,000 hrs
Lumen output: Wide Flood 2440 typ.
Very Wide Flood 2353 typ.
Beam options: Wide Flood 45° and Very Wide Flood 60°

ELECTRICAL:

Electronic constant current LED driver
120v or 277v input
Dimming down to less than 20%, available on 120v only with ELV dimming equipment, consult factory for approved device list
This product complies with IEEE C62.41 for surge endurance up to 1KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

NIT-II LED



PROJECT:

TYPE:

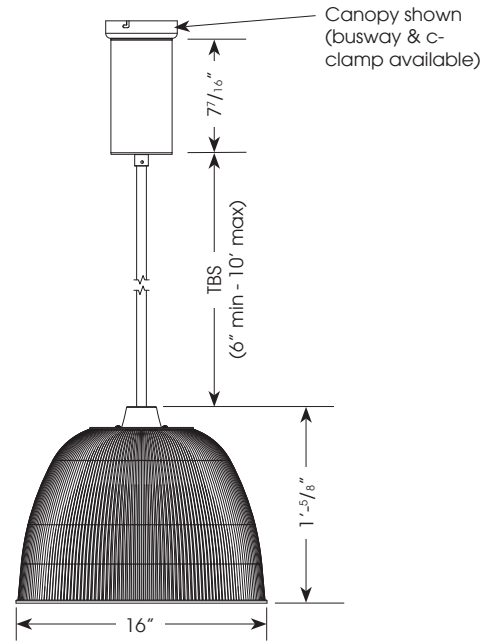


Electrostatic sensitive device, observe precautions for handling

ELECTRICAL

Driver	Max. Operating Watts*	Amps*
Electronic 120v	54/76	.46/.64
277v	54/76	.20/.28

Class 2 constant current driver, 700 mA
*LED forward voltage bins result in actual consumed watts ranging from 54w to 76w. For circuiting planning use max watts and amp data provided.



LED
5-YEAR WARRANTY

Amerlux reserves the right to change details that do not affect overall function and performance.

ORDERING INFORMATION:

Model	Wattage	Lamp Type	Driver	Finish	Mounting	Stem Length	Voltage	Beam Spread	Color Temp
NIT-II	64	LED	E - electronic	WT - white texture BT - black texture ST - silver texture - (other RAL)	C - canopy B - busway CCL - c-clamp	_____ (min 6", specify in 1' increments, 10' max)	120 277	WF - wide flood 48° VWF - very wide flood 60°	3000 Consult factory for other color temperature options

Example: NIT-II-64-LED-E-WT-C-4-120-WF-3000

Cat #:

amerlux
GLOBAL LIGHTING SOLUTIONS

NITRO II LED

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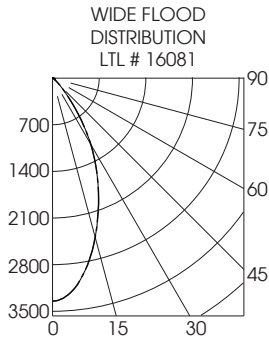


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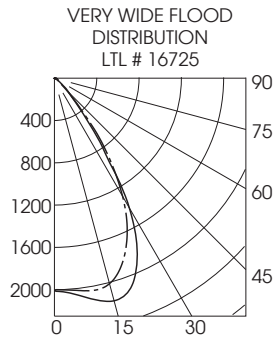
FIXTURE DATA:

Complete photometric data (ies format) available upon request.

64W LED



Candelas at Nadir	
Deg	Candela
0	3349
5	3221
15	2473
25	1575
35	709
45	171

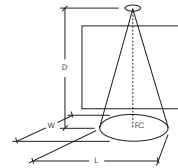


Candelas at Nadir	
Deg	Candela
0	2009
5	2046
15	2179
25	1852
35	783
45	195

APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).
 D=Distance to floor or wall.
 FC=Footcandles on floor or wall at center beam aiming location.
 L=Effective Visual Beam length in feet (50% of maximum footcandle level).
 W=Effective Visual Beam width in feet (50% of maximum footcandle level).
 CB=Distance across or down to center beam location.



NIT-II-64-LED-WF



D	FC	L	W
7.5'	60	5.5	5.5
10.0'	34	7.3	7.3
12.5'	21	9.1	9.1
15.0'	15	10.9	10.9

Multiple units
Height to lighted plane is 12'

Spacing		
On Center	Avg FC	Footcandles Max/Min
10'	25	32/12
12'	18	26/7

Based on 60x60 room, Reflectance: 80%/50%/20%
Height is from bottom of fixture to lighted plane.

NIT-II-64-LED-VWF



D	FC	L	W
7.5'	36	8.3	7.9
10.0'	20	11.1	10.5
12.5'	13	13.9	13.1
15.0'	9	16.7	15.8

Multiple units
Height to lighted plane is 12'

Spacing		
On Center	Avg FC	Footcandles Max/Min
10'	24	28/13
12'	17	20/8

Based on 60x60 room, Reflectance: 80%/50%/20%
Height is from bottom of fixture to lighted plane.