

NITRO II SHALLOW 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 912 typical

Very Wide Flood 902 typical

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

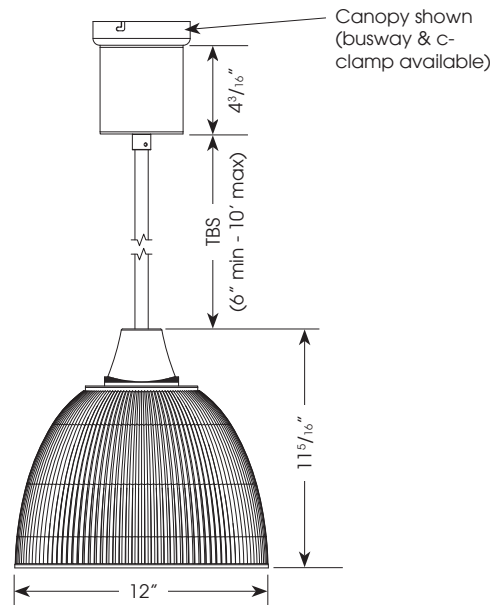
This product complies with IEEE C62.41 for surge endurance up to 1KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

NIT-IIS
LED



PROJECT:

TYPE:



ELECTRICAL

Driver	Max. Operating Watts*	Amps*
Electronic 120v	20/28	.17/.21
277v	20/28	.07/.10

Class 2 constant current driver, 700 mA

*LED forward voltage bins result in actual consumed watts ranging from 20w to 28w. For circuiting planning use max watts and amp data provided.



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-IIS	24	LED	E - electronic	WT - white texture BT - black 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-IIS-24-LED-E-WT-C-4-120-WF-3000

Cat #:

NITRO II SHALLOW LED

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NIT-IIS
LED



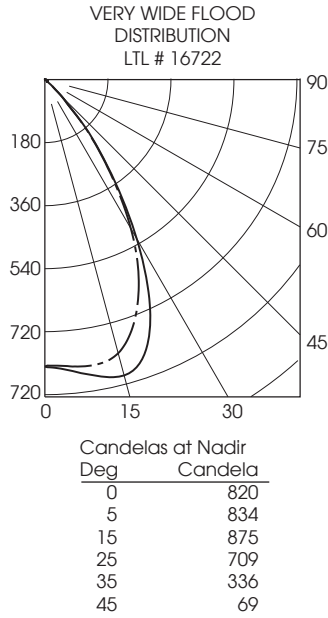
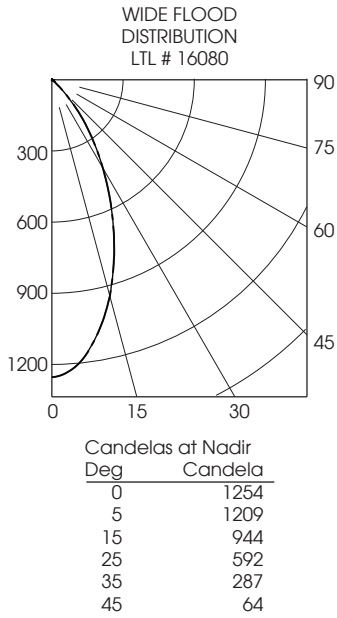
amerlux
GLOBAL LIGHTING SOLUTIONS

TYPE:

FIXTURE DATA:

Complete photometric data (ies format) available upon request.

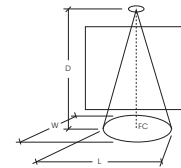
24W LED



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.



0° Aiming Angle
Horizontal
Footcandles

	D	FC	L	W
WIDE FLOOD	7.5'	22	5.6	5.6
	10.0'	13	7.4	7.4
	12.5'	8	9.3	9.3
	15.0'	6	11	11
VERY WIDE FLOOD	7.5'	15	8.0	7.6
	10.0'	8	10.6	10.0
	12.5'	5	13.3	12.7
	15.0'	4	16.1	15.2