

# N1B/N1D Linear

Suspended LED Bidirectional or Direct  
For Ambient Lighting



## Finish



## Fixture Options

Example N1B-P-P-500-500-35K-010-M-1C-A4-W-G1-WH-16

Series	N1B N1D	N1 Linear Indirect/Direct Pendant N1 Linear Direct Pendant	N1
Optics Up	P	Leave Blank for Down Light Only Performance Optic	
Optics Down	D P	Standard Diffuse Lens Performance Optic	
Light Level Up	375 500 750	Leave Blank for Down Light Only 375 Lumens per ft 500 Lumens per ft 750 Lumens per ft	
Light Level Down	375 500 750 1000	375 Lumens per ft 500 Lumens per ft 750 Lumens per ft 1000 Lumens per ft* *up to 500 lm/ft up only	
Color	30K 35K 40K	3000K 3500K 4000K	
Integral Driver	010	0-10 volt Dimming to 1%	
Power	M	120-277 Universal	M
Circuits	1C 2C	Single Circuit 2 Circuit Up/Down	
Mounting	A4 A10	Aircraft Cable 4' Adjustable Aircraft Cable 10' Adjustable	
Mounting Color	W B	White Cords and Canopies (STD) Black Cords and Canopies	
Ceiling	G1 G9 GS ST	15/16" Grid Ceiling 9/16" Grid Ceiling Slot Grid Ceiling Drywall/Structure	
Finish	WH SM BK CC	Standard White Silver Metallic Black Texture Custom Color Finish	
Length	04 06 08 XX	4' Individual Fixture 6' Individual Fixture 8' Individual Fixture Row Length (2' Increments)	
Options		Consult Factory	

Project: \_\_\_\_\_  
Cat#: \_\_\_\_\_  
Type: \_\_\_\_\_  
Notes: \_\_\_\_\_

## Product Description

N1 Suspended high performance indirect/direct or direct only linear LED Luminaire. Minimalist rectilinear profile with fully luminous regressed lens cavity and elegant knife edge trim. Performance Optics offer Bat Wing lower and upper optical distributions. Integral Driver allows for ease of installation. 4', 6' and 8' individual pendants can be combined to create continuous rows.

## Construction

The N1 housing is constructed out of extruded aluminum, die cast ends with die formed steel and aluminum components. Finished in standard white, silver, black or custom color powder coat finishes. Lenses are high light transmission UV stable acrylic. Mounting to grid or drywall ceiling via fully adjustable aircraft cables.

## Light Source

Light source comprised of mid power LEDs that are thermally engineered to ensure optimal efficacy's up to 125 lumens per watt and 80+ CRI. Luminaire light output guaranteed to achieve a minimum of 70% luminaire output over 100,000 hours at typical 25 deg. C operating conditions. LED components and luminaires are compliant with IESNA LM80.

## Certification and Warranty

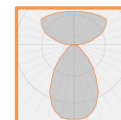
Luminaires carry a limited 5-year warranty and all luminaires are UL listed for indoor damp rated lighting applications.

## Performance

Optional Performance 'Bat Wing' Optics available for Up Light and Down Light Distributions.



**N1B-P-P-500-500-35K**  
P-Performance Optics Up  
P-Performance Optics Dn  
50/50 Distribution



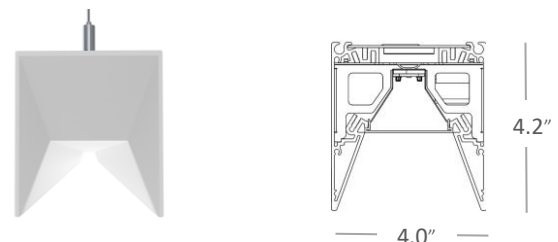
**N1B-P-D-500-500-35K**  
P-Performance Optics Up  
D-Diffuse Lens Dn  
50/50 Distribution

## System Lumens (System Watts) for 4' 3500K Fixture

Lumens Down	Lumens Up		
	375 lm/ft	500 lm/ft	750 lm/ft
375 lm/ft	3081lm (23.9w)	3502lm (27.9w)	4525lm (36.1w)
500 lm/ft	3782lm (30.3w)	4201lm (32.3w)	5204lm (41.7w)
750 lm/ft	4693lm (39.1w)	5092lm (42.3w)	6170lm (48.3)
1000 lm/ft	5731lm (49.8w)	6130lm (53.0w)	

Fixture Data for N1B-P-P-35K 4' Fixture, Reduce Lumens/Efficacy by 5% for Direct only Distribution. Lumens/Efficacy multiplier 0.97 for 3000K and 1.03 for 4000K. Test data may vary by +/- 5% Performance Show for Standard White Fixture

## Dimensions

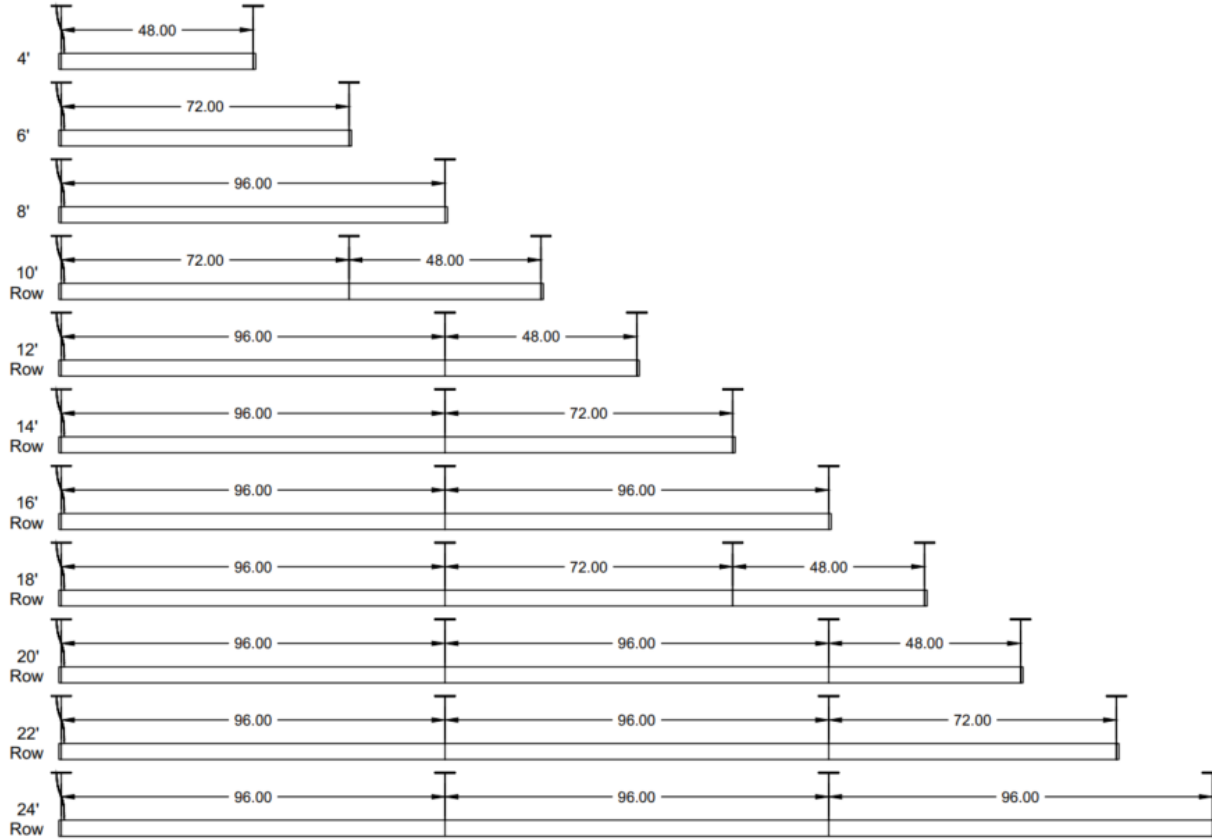


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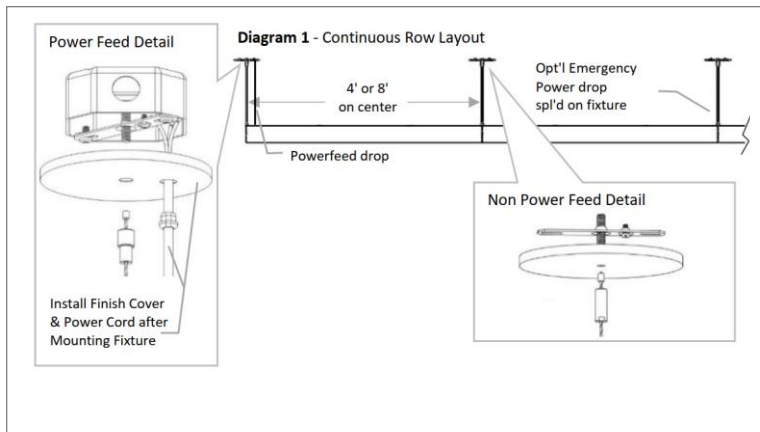
## Fixture / Row Lengths

Add 1/2" for end plate



## Mounting

ST- Drywall / Structure



G1, G9, GS - Grid Ceiling

