

# DLH-GEN 2

## Linear Highbay Luminaire

The Linear High Bay Series consists of high-wattage LED high bay fixtures that come with upgraded LED chips and a slimmer construction. This series is available in 165W and 320W packages. The Alpha Series is the perfect solution for industrial, commercial, and other high bay applications due to its precision-designed optics, multiple distributions, and a choice of lumen outputs and color temperatures. These energy-efficient fixtures are suitable for use in damp locations and have a lifespan of 50,000 hours

Client:	
Order#:	
Project:	
Type:	



Projected Lifetime:  
L80 - 50,000 Hours

### FEATURES

- 0-10V Dimming
- Toggle switch control CCTs/Watts
- High Reliability, Driver & LED board over temperature automatic derating
- Flicker Free
- EM optional

### PERFORMANCE DATA



Product ID	Size	Wattage	Lumens	CCT	Voltage	Efficacy	Angle	CRI
DLH-GEN2-2MW165	2 FT	105/135/165W (Selectable)	15750, 20250, 24750	4000K, 5000K, 6500K, (Selectable)	120-277V 347-480V	150lm/W (5K) 140lm/W (4K & 65K)	90°	>80
DLH-GEN2-4MW320	4 FT	165/220/320W (Selectable)	24750, 33000, 48000					

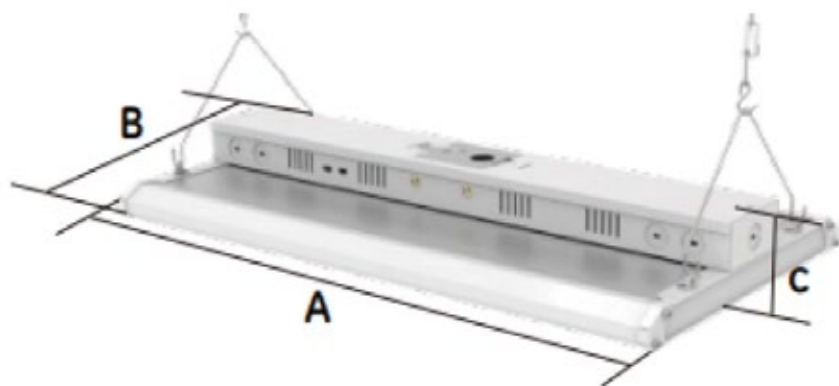
### ORDERING INFORMATION

DLH / GEN2 / / / / /  
SERIES PHASE SIZE WATTAGE OPTIONS WARRANTY

FIXTURE SERIES	
DLH	Deco Linear Highbay Luminaire
PHASE	
GEN2	Generation II: Multi Watt, Multi CCT
SIZE	
2	2 FT
4	4 FT
WATTAGE	
MW165	105, 135, 165W (selectable) - 2FT only
MW320	180, 220, 320W (selectable) - 4FT only

OPTIONS	
-	None
MS	Motion Sensor
E	Emergency
MS-E	Motion Sensor and Emergency Driver
WARRANTY	
5	5 Year Warranty (included)
10	10 Year Warranty

## Dimensions



Item Number	A (inch)	B (inch)	C (inch)
165W	23.6	11.8	2.87
320W	47.2	11.8	2.87

## Electrical and Photometric Characteristics

Input Vol: 120-277V

Input Current:  $\leq 1.05\text{A}/105\text{W}$   $\leq 1.35\text{A}/135\text{W}$   $\leq 1.65\text{A}/165\text{W}$ 

Surge Protection: 6kV/12ohm.8/20uS different mode &amp; common mode

PF:  $\geq 0.9$ Start Time:  $\leq 1.5\text{s}$ Operating Temperature:  $-25^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$ ) to  $55^{\circ}\text{C}$  ( $131^{\circ}\text{F}$ )

Dimming: 0-10V

Nominal Lifetime: 50000 hours

Lighting Installation: Hook/Chain

Input Frequency: 50-60Hz

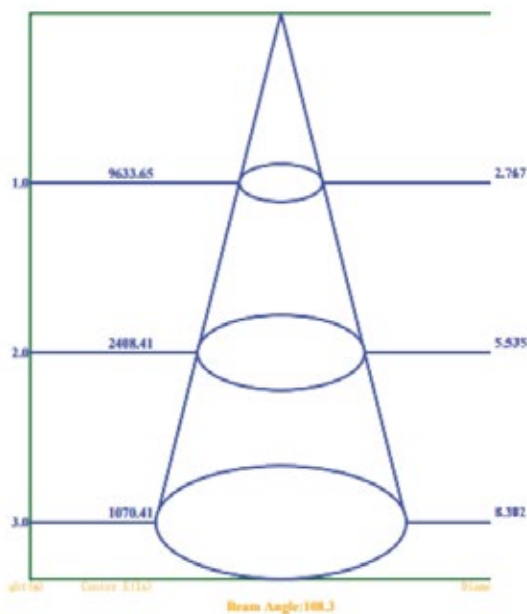
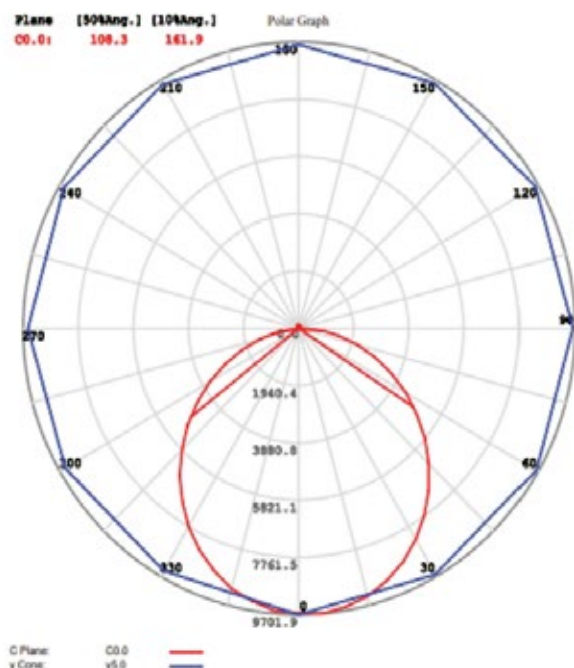
Rated Power Tolerance:  $<10\%$ THD:  $\leq 20\%$ 

IP Rating: IP20

Storage Temperature:  $-25^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$ ) to  $55^{\circ}\text{C}$  ( $131^{\circ}\text{F}$ )Switching Cycle:  $>100000\text{X}$ 

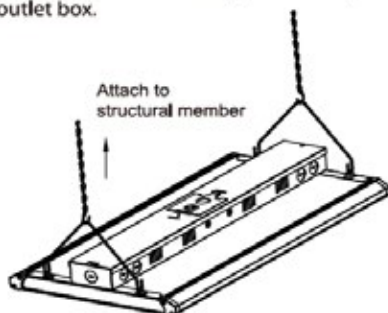
Approbation Marks: UL/DLC/RoHS

## 1200x300 Highbay 320W 39375LM 5000K

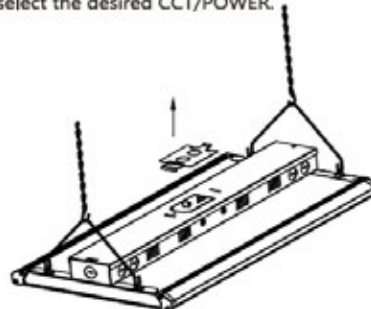


## Installation Diagram

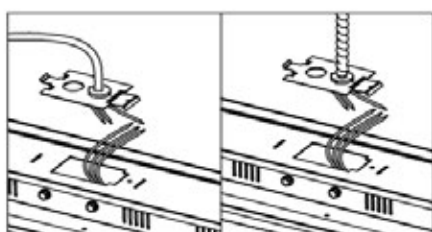
1. Hang two chains/cables from a structural member of the ceiling. Fixture must be supported independently of an outlet box.



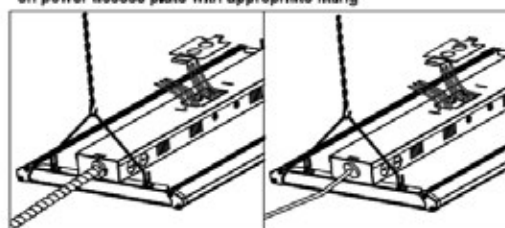
2. Remove power access plate. Refer to the label near the DIP switch, select the desired CCT/POWER.



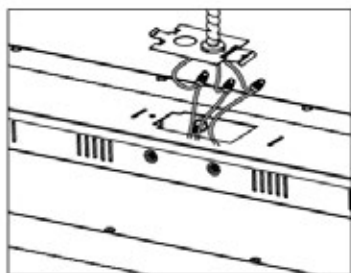
3. Power input from top: install 1/2" conduit or install AC power cord with strain relief into power access plate.



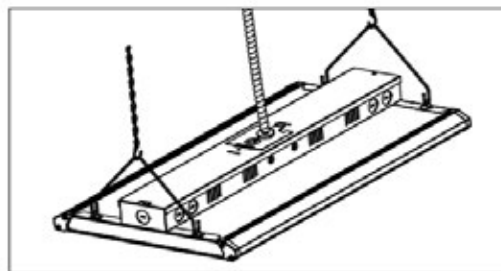
4. Power input from side: Remove knockout in endcap and install 1/2" \* conduit, or B) install AC power cord with strain relief. Plug unused hole on power access plate with appropriate fitting



5. Connect the green (ground), black (line) and white (neutral) wires of the AC line to the similarly colored wires of the fixture's power supply using UL listed connectors. Place all connections and exposed wire inside of fixture and reattach power access plate.



6. Place all connections and exposed wire inside of fixture and reattach power access plate.



## Important safety instructions

Your safety is our top priority, and we want to ensure that you have a hassle-free experience with our products. Therefore, please take note of the following important safety instructions:

1. To avoid any complications, please read and follow all instructions carefully before proceeding with installation or use.
2. For your safety, we recommend that a qualified electrician installs these luminaires in compliance with the national electrical code and local regulations.
3. We take pride in our products, and we want you to receive them in the best condition possible. Please check the integrity of the product upon removing it from its packaging.
4. To ensure a safe installation, please make sure that the wiring supplied with the driver is of adequate length and rating before proceeding with the installation.
5. During installation, be careful not to apply any tension to the luminaires. If you have any questions or concerns, please do not hesitate to contact Deco Lighting at (323) 366-5522.