

Project	
Schedule	Date
Notes	
Catalog Number	

Linear HighBay IP66

Product Description

naturalLED® High-Bay Linear IP66 (HBL66) These luminaires are low profile, durable and efficient for high ceiling applications with an IP66 rating. This new design allows us to optimize all the beneficial characteristics of LED light in a high-performance fixture that will endure many years of service in inclement conditions. These Linear High Bays are extremely durable, yet lightweight, with excellent thermal design. A yoke mount is an available option for surface and pendant mounting and wire guard protection at an additional cost. Our Linear HighBay is IP66 rated to protect against dust and low-pressure water jets for facilities that may have these conditions. Perfect for applications such as warehouses, distribution centers, manufacturing facilities and factories. This product is a hybrid crossover, which makes it an excellent fixture for new construction and/or as a replacement solution for your existing Low/High Bay needs.



Features & Benefits

- ▶ DLC Premium
- ▶ IP66 Rated
- ▶ Designed for operation in commercial warehouses
- ▶ Uniform and consistent color
- ▶ Lighter weight housing for easy installation
- ▶ Material: Aluminum
- ▶ Lens: UV resistant coated PC

Applications

- ▶ Retail Lighting
- ▶ Warehouse Lighting
- ▶ Gymnasium
- ▶ Industrial Facility

Specifications

- ▶ Input Voltage: 120-277
- ▶ Wide Beam Angle: 110°
- ▶ 0-10V Dimmable
- ▶ 50,000 Hours rated average life
- ▶ Operating Temperature: -4°F - 122°F

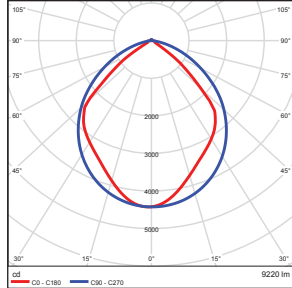


Ordering Information

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Beam Angle	Dim	Rated Hrs	Size		
7715	LED-FXHBL75/22FR/850/IP66	5000K	75	9,750	250	110°	0-10V	50,000	16"X22"	•	•
7717	LED-FXHBL100/22FR/850/IP66	5000K	100	13,000	400	110°	0-10V	50,000	16"X22"	•	•
7719	LED-FXHBL162/22FR/850/IP66	5000K	162	21,060	400-575	110°	0-10V	50,000	16"X22"	•	•

Photometric Data

75 Watt



Zonal Lumen Summary

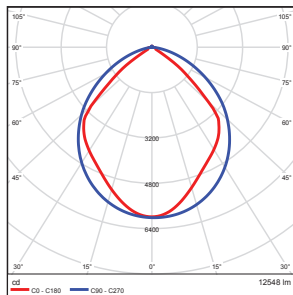
Zone	Lumens	% Luminaire
0-30	3181.47	34.50
0-40	5098.84	55.30
0-60	8274.08	89.70
60-80	782.48	8.50
70-80	199.93	2.20
90-120	39.00	0.40
90-180	108.51	1.20
0-180	9220.13	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance			
Center Beam fc		Beam Width	
5.0ft	177 fc	10.2 ft	12.6 ft
10.0ft	44.2 fc	20.4 ft	25.1 ft
15.0ft	19.7 fc	30.5 ft	37.7 ft
20.0ft	11.1 fc	40.7 ft	50.2 ft
25.0ft	7.07 fc	50.9 ft	62.8 ft
30.0ft	4.91 fc	61.1 ft	75.3 ft

■ Vert. Spread: 91.0°
■ Horiz. Spread: 102.9°

100 Watt



Zonal Lumen Summary

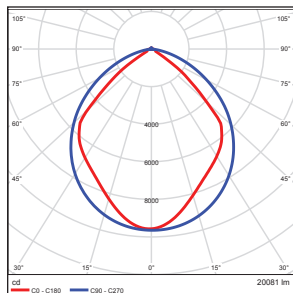
Zone	Lumens	% Luminaire
0-30	4324.41	34.50
0-40	6931.51	55.20
0-60	11258.52	89.70
60-80	1064.57	8.50
70-80	256.11	2.00
90-120	52.85	0.40
90-180	147.63	1.20
0-180	12548.38	100.00

Total Luminaire Efficiency = 100.00%

Illuminance at a Distance			
Center Beam fc		Beam Width	
5.0ft	239 fc	10.2 ft	12.6 ft
10.0ft	59.9 fc	20.4 ft	25.3 ft
15.0ft	26.6 fc	30.6 ft	37.9 ft
20.0ft	15.0 fc	40.7 ft	50.5 ft
25.0ft	9.58 fc	50.9 ft	63.1 ft
30.0ft	6.65 fc	61.1 ft	75.8 ft

■ Vert. Spread: 91.1°
■ Horiz. Spread: 103.2°

162 Watt



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	6889.24	34.30
0-40	11052.83	55.00
0-60	17979.88	89.50
60-80	1739.22	8.70
70-80	450.01	2.20
80-90	125.69	0.60
90-120	85.16	0.40
90-180	236.61	1.20
0-180	20081.4	100.00

Total Luminaire Efficiency = 100.00%

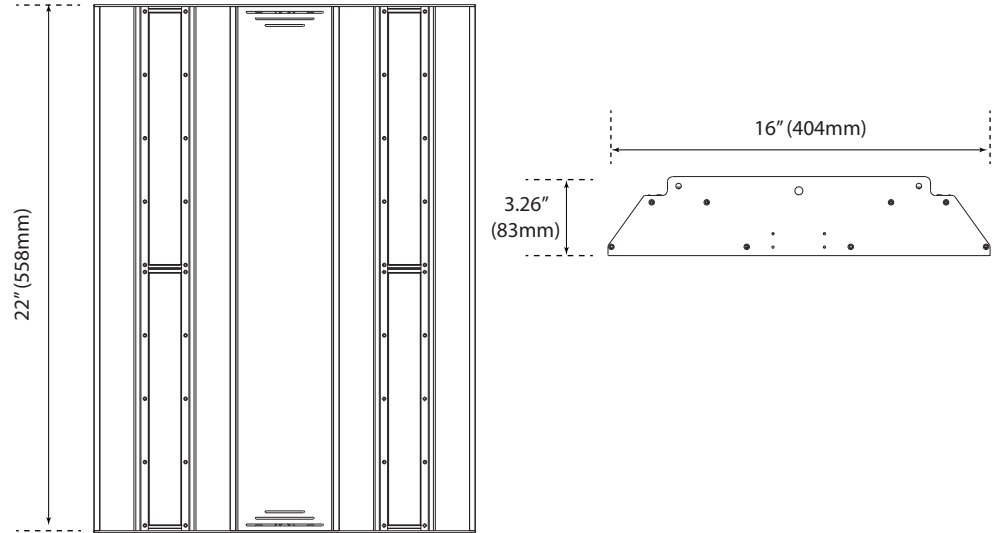
Illuminance at a Distance			
Center Beam fc		Beam Width	
5.0ft	383 fc	10.1 ft	12.9 ft
10.0ft	95.8 fc	20.2 ft	25.7 ft
15.0ft	42.6 fc	30.3 ft	38.6 ft
20.0ft	24.0 fc	40.4 ft	51.4 ft
25.0ft	15.3 fc	50.5 ft	64.3 ft
30.0ft	10.6 fc	60.6 ft	77.1 ft

■ Vert. Spread: 90.6°
■ Horiz. Spread: 104.2°

Product Dimensions

Weight

75W: 10.5-lbs
100W: 10.5-lbs
162W: 10.95-lbs



Package

