

Project	
Schedule	Date
Notes	
Catalog Number	

LED Linear High Bay

Product Description

naturalLED® offers the perfect solution for your lighting needs with our Linear High/Low Bay. 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. These Linear High Bays are extremely durable, yet lightweight, with excellent thermal design. They are available in a variety of wattages, delivering up to 39,472 lumens of consistent color and light distribution.

Chain with lock link is included for mounting. A yoke mount is an available option for surface and pendant mounting at an additional cost. This product is a hybrid crossover, which makes it an excellent fixture for new construction and/or as a replacement solution for your existing High/Low Bays needs.



Features & Benefits

- ▶ DLC Premium/ DLC Standard
- ▶ For Damp Location
- ▶ Fully potted driver for moisture resistance
- ▶ Excellent thermal design
- ▶ Minimum glare
- ▶ Select binning for consistent color
- ▶ L90 industrial grade 100,000 hours rated LED chip
- ▶ Knockout for motion sensors
- ▶ Emergency driver compatible

Specifications

- ▶ Input line voltage: 120-277 or 277-480 V
- ▶ Powerfactor >0.9
- ▶ 0-10V Dimming
- ▶ Operating temperature: -22°F ~ 122°F
- ▶ Available in 16"x22" and 16"x44" configurations
- ▶ Steel and aluminum housing
- ▶ Finish: Epoxy Powder Coat

Applications

- ▶ Warehouses
- ▶ Offices
- ▶ Factories
- ▶ Hospitals
- ▶ Hotels



Optional Accessories

- ▶ PIR Motion Sensor (Aisle & Area)
- ▶ Wireguard
- ▶ Yoke Mount
- ▶ Emergency battery backup

Included with Fixture

- ▶ Chain Hanger



Chain Hanger (included)



Yoke Mount for Pendant*





Yoke Mount for Surface Mount

*Mount may be used with existing 3/4" NPT Pendant. Rigid Pole is not included.

Ordering Information

*P= DLC Premium / S = Standard DLC

Code	Description	CCT	Watt	Lumen	Equiv Wattage	Size	Beam Angle	Dim	Rated Hrs		
7406	LED-FXHBL75/22FR/840	4000K	75	9,907	250	16"X22"	110°	0-10V	50,000	•	P
7407	LED-FXHBL75/22FR/850	5000K	75	10,163	250	16"X22"	110°	0-10V	50,000	•	P
7408	LED-FXHBL100/22FR/840	4000K	100	13,216	400	16"X22"	110°	0-10V	50,000	•	P
7409	LED-FXHBL100/22FR/850	5000K	100	13,852	400	16"X22"	110°	0-10V	50,000	•	P
7410	LED-FXHBL150/22FR/840	4000K	150	19,017	400-575	16"X22"	110°	0-10V	50,000	•	P
7411	LED-FXHBL150/22FR/850	5000K	150	19,476	400-575	16"X22"	110°	0-10V	50,000	•	P
7442	LED-FXHBL162/22FR/840	4000K	162	17,310	400-575	16"X22"	110°	0-10V	50,000	•	S
7443	LED-FXHBL162/22FR/850	5000K	162	17,672	400-575	16"X22"	110°	0-10V	50,000	•	S
7412	LED-FXHBL210/44FR/840	4000K	210	27,243	575-1000	16"X44"	110°	0-10V	50,000	•	P
7413	LED-FXHBL210/44FR/850	5000K	210	27,744	575-1000	16"X44"	110°	0-10V	50,000	•	P
7417	LED-FXHBL300/44FR/850	5000K	300	39,472	1000-1250	16"X44"	110°	0-10V	50,000	•	P
7488	LED-FXHBL150/22FR/850/480	5000K	150	19,537	400-575	16"X22"	110°	0-10V	50,000	•	P
7486	LED-FXHBL300/44FR/850/480	5000K	300	39,125	1000-1250	16"X44"	110°	0-10V	50,000	•	P

Accessories (available for purchase)

Yoke Mount



P10092 MT-YK-HBL22
(Yoke Mount 16"x22")

P10093 MT-YK-HBL44
(Yoke Mount 16"x44")

*Yoke mount can be used with existing 3/4 NPT rigid pole.

Wireguard



P10094 WG-HBL22/WH
Wireguard (16" x 22")

P10095 WG-HBL44/WH
Wireguard (16" x 44")

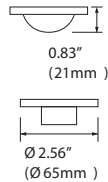
Battery



7332 BAEM8.4-60/MV-B
LED Emergency Backup Driver 120-277V

Aisle Lens

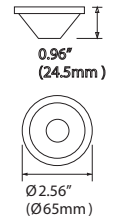
P10086	SEN-LOS-509-SFG	On-Off
P10088	SEN-LOD-500-SFG	Bi-level



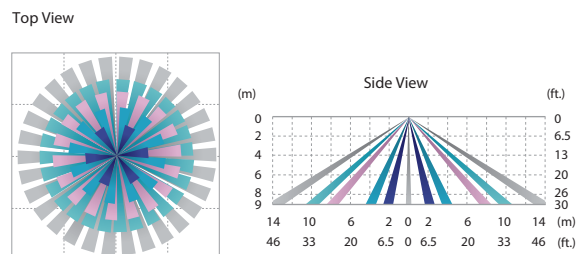
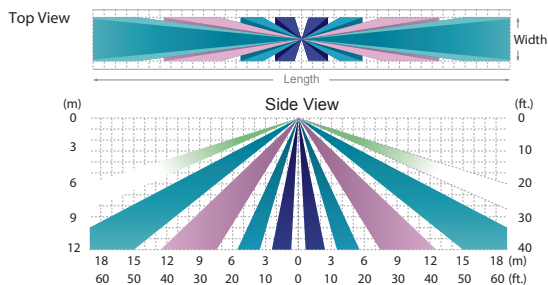
Aisle G Lens					
Mounting Height	ft. (m)	10 (3.0)	20 (6.0)	30 (9.0)	40 (12.0)
Max. Coverage Length x Width	ft. (m)	30 x 3.3 (9.0 x 1)	60 x 6.5 (18.0 x 2)	90 x 10 (27.0 x 3)	120 x 13 (36.0 x 4)

Area Lens

P10087	SEN-LOS-509-SFC	On-Off
P10089	SEN-LOD-500-SFC	Bi-level

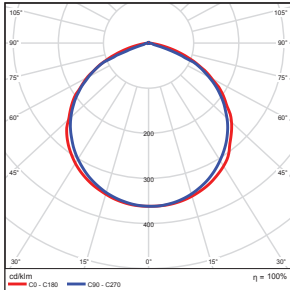


Area C Lens					
Mounting Height	ft. (m)	15 (4.5)	20 (6.0)	26 (8.0)	30 (9.0)
Max. Coverage Diameter	ft. (m)	45 (13.5)	60 (18.0)	78 (24.0)	90 (27.0)



Photometric Data

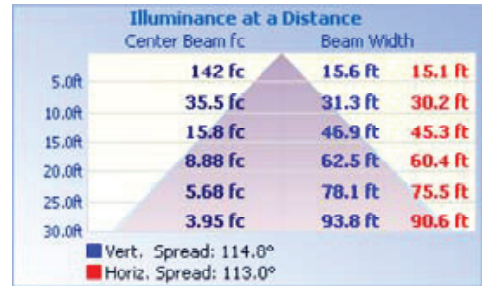
75 Watt-16"x22"



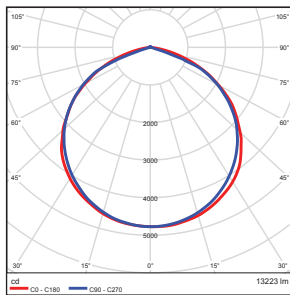
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2788.45	28.40
0-40	4599.57	46.90
0-60	8171.78	83.30
60-80	1577.21	16.10
70-80	398.88	4.10
90-120	2.43	0.00
90-180	9.13	0.10
0-180	9814.3	100.00

Total Luminaire Efficiency = 100.00%



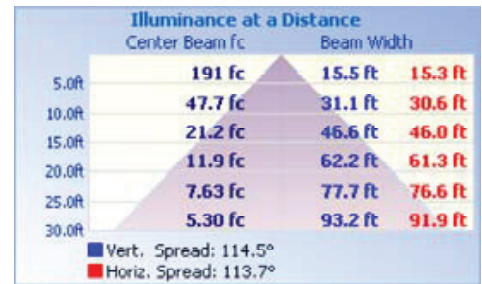
100 Watt-16"x22"



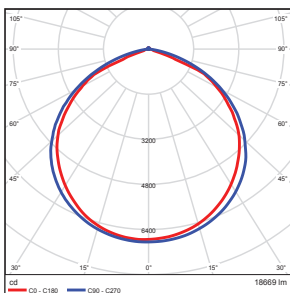
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3682.46	28.60
0-40	6060.87	47.00
0-60	10730.16	83.30
60-80	1947.58	15.10
70-80	457.32	3.50
90-120	55.85	0.40
90-180	145.56	1.10
0-180	12886.9	100.00

Total Luminaire Efficiency = 100.00%



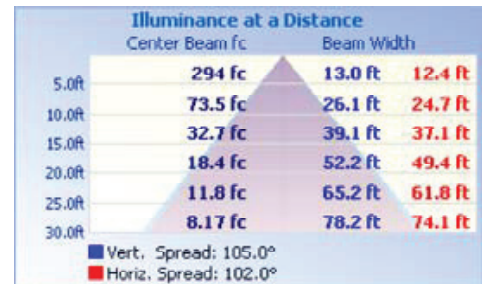
150 Watt-16"x22"



Zonal Lumen Summary

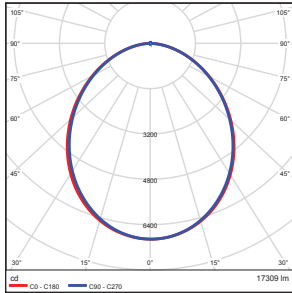
Zone	Lumens	% Luminaire
0-30	5323.2	28.50
0-40	8768.94	47.00
0-60	15541.3	83.20
60-80	2825.03	15.10
70-80	657.08	3.50
90-120	80.91	0.40
90-180	210.97	1.10
0-180	18669.14	100.00

Total Luminaire Efficiency = 100.00%



Photometric Data

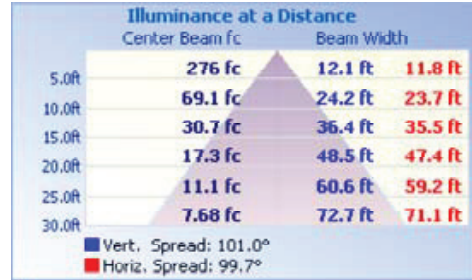
162 Watt-16"x22"



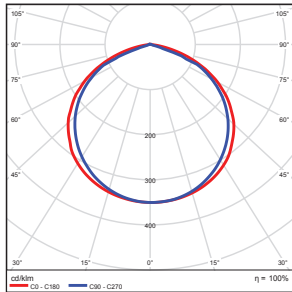
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5208.94	30.10
0-40	8350.48	48.20
0-60	14061.25	81.20
0-80	16999.41	98.20
60-80	2938.16	17.00
70-80	1048.91	6.10
90-120	11.93	0.10
90-180	40.12	0.20
0-180	17310.3	100.00

Total Luminaire Efficiency = 100.00%



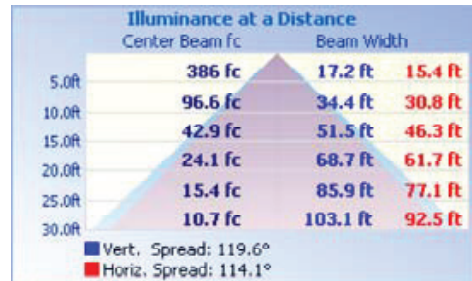
210 Watt-16"x44"



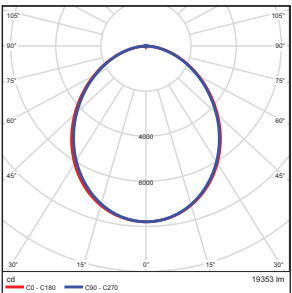
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	7629.62	27.70
0-40	12637.7	45.90
0-60	22721.83	82.40
0-80	27413.4	99.50
60-80	4691.56	17.00
70-80	1220.00	4.40
90-120	6.53	0.00
90-180	23.05	0.10
0-180	27561.08	100.00

Total Luminaire Efficiency = 100.00%



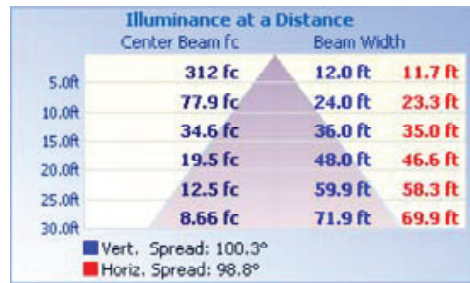
150 Watt (480V) 16"x22"



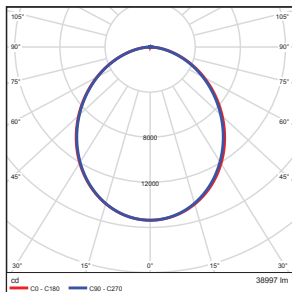
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	5863.41	30.30
0-40	9385.84	8.50
0-60	15748.43	1.40
0-80	19007.85	98.20
70-80	1165.49	6.00
90-120	12.09	0.10
90-130	19.43	0.10
90-180	41.66	0.20
0-180	19353.67	100.00

Total Luminaire Efficiency = 100.00%



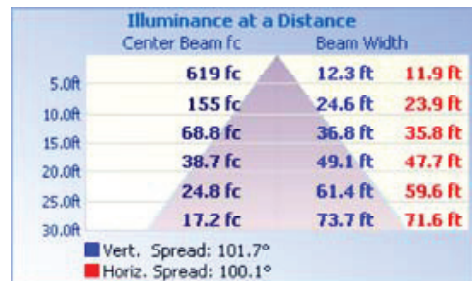
300 Watt (480V) 16"x44"



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	11595.09	29.70
0-40	18623.63	47.80
0-60	31566.7	80.90
0-80	38307.98	98.20
70-80	2396.45	6.10
90-120	27.89	0.10
90-180	72.53	0.20
0-180	38999.23	100.00

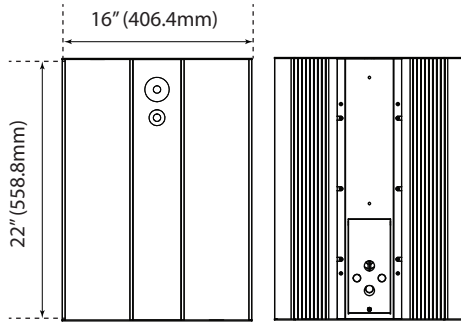
Total Luminaire Efficiency = 100.00%



Product Dimensions

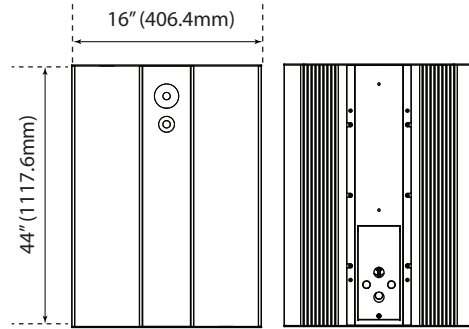
16"x22"

Weight: 6.61-lbs



16"x44"

Weight: 16.53-lbs



Package

