

AEI's ALLURE HIGH-BAY AHB Series LED with Sylvania components are perfect for warehouse, production, manufacturing, distribution centers and other high-bay applications. The AHB Series features exclusive scalability to enable perimeter area, task and heavily populated floor designs to be configured to avoid obstructions and maximize energy & maintenance savings.

## ALLURE HIGH-BAY AHB Series

with SYLVANIA COMPONENTS for WAREHOUSE, PRODUCTION & MANUFACTURING

Available in 64W, 128W, 192W, 256W & 320W



TWO LED FIXTURE



THREE LED FIXTURE



FOUR LED FIXTURE

### FEATURES

- SYLVANIA Linear LEDs using NICHIA N757D chips
- Made in the U.S.A.
- High lumen LED output with multiple lumen output options
- Available in multiple colors and finishes
- Rated for a wide range of operating temperatures from:  
-40° C to 55° C, -40° F to 131° F
- 10-Year warranty on all fixture components

### ELECTRICAL

- Universal input voltage 120-277 VAC, with an option for 347-480VAC
- Integral LED driver features 0-10 Volt dimming available
- Integrated occupancy and daylighting control options offer additional savings without wiring. Consult AEI for your best option.

### LIGHT ENGINES

- SYLVANIA Linear LED strips (3000K, 3500K, 4000K & 5000K) provide consistent color, high CRI and superb lumen maintenance
- L70 lifetime of >60,000 hours when operating within specified temperatures
- Light output packages available range from 4,400 to over 27,000. Contact AEI for details.

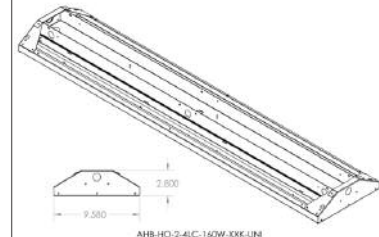
### FINISH

- Pre-coated aluminum housing standard
- Optional finishes for unique applications are available. Contact AEI or your sales representative.

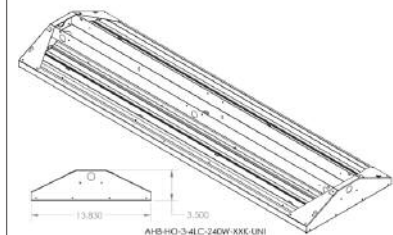
### APPLICATIONS

- Warehouses and Distribution Centers
- Production and Processing Centers
- Manufacturing Facilities
- All High- & Low-Bay Applications

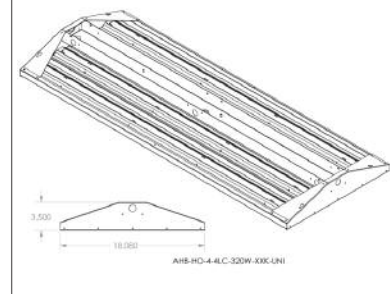
Two LED / 128W Diagram



Three LED / 192W Diagram



Four LED / 256W Diagram



### HOUSING & LENS

- Made in the U.S.A. & IP65 Rated
- Unique, heavy-duty all-aluminum, low-profile housing for years of trouble-free and worry-free illumination
- Fewer mounting and feed points reduces installation costs & increases design flexibility
- Variety of lens options available



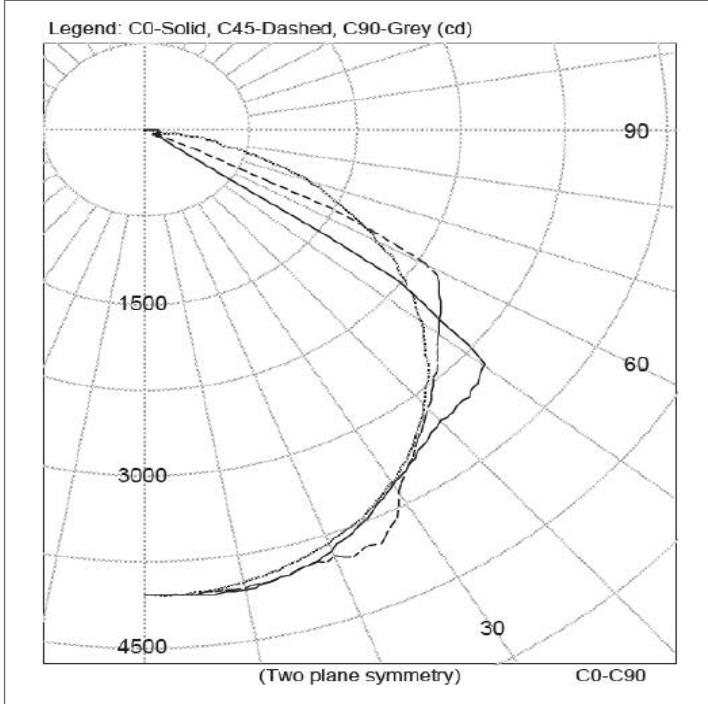
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with SYLVANIA COMPONENTS for WAREHOUSE, PRODUCTION & MANUFACTURING

64W, 128W, 192W, 256W & 320W

## PHOTOMETRY

Candela Distribution Polar Plot - (A-AHB-80W-OSI-4FT-5X-50K-UNI)



Intensity Summary

Gamma	C-Plane					Flux (lm)
	C0	C22.5	C45	C67.5	C90	
0.0	4041	4041	4041	4041	4041	
5.0	4052	4051	4043	4031	4035	385
10.0	4052	4050	4033	4003	3991	
15.0	3990	3992	3988	3951	3918	1122
20.0	3884	3899	3935	3877	3819	
25.0	3726	3804	3954	3748	3688	1745
30.0	3546	3564	3624	3593	3529	
35.0	3407	3386	3369	3401	3337	2119
40.0	3297	3236	3146	3164	3104	
45.0	3259	3143	2937	2908	2852	2325
50.0	3156	3067	2731	2606	2571	
55.0	1592	2400	2584	2279	2260	1950
60.0	88	106	2298	1960	1926	
65.0	78	76	406	1644	1564	834
70.0	83	77	63	1364	1188	
75.0	89	83	63	549	811	318
80.0	94	87	67	37	451	
85.0	87	85	68	38	156	74
90.0	0	0	0	0	0	

Zonal Flux

ZONAL FLUX AND PERCENTAGES			
Zone	Flux (lm)	% Lamp	% Luminaire
0-30	3253	N / A	29.9
0-40	5372	N / A	49.4
0-60	9647	N / A	88.7
0-90	10872	N / A	100.0
40-90	5500	N / A	50.6
60-90	1225	N / A	11.3
90-180	0	N / A	0.0
0-180	10872	N / A	100.0

Total Light Output = 10,872 lm

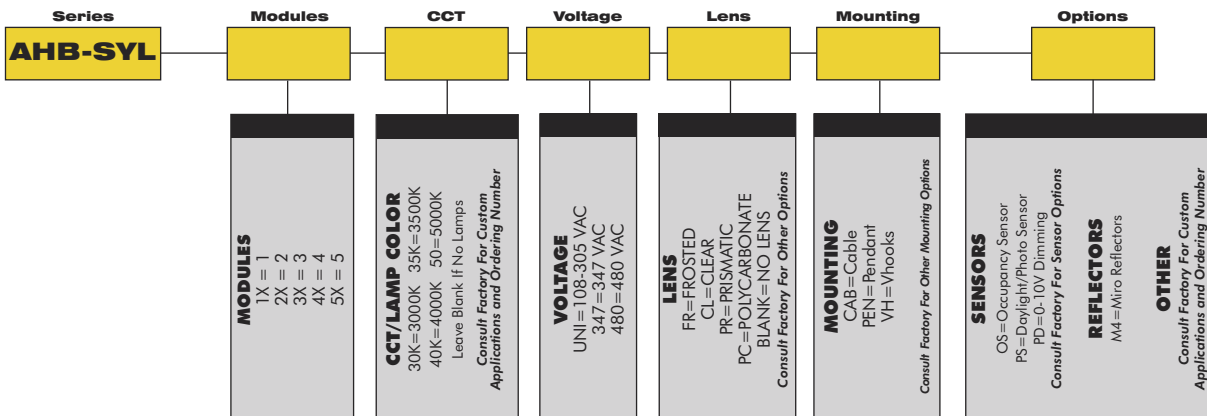
**CONSULT  
AEI**

For Special Colors,  
Sensors & Other Options

**Minimum Order  
Quantities & Longer  
Lead Times Apply**



## ORDERING GUIDE



**10-YEAR  
LIMITED WARRANTY**

VISIT [AEILighting.com](http://AEILighting.com) for Details

**480-733-6594**



AEI LED ALLURE HIGH-BAY

FOR WAREHOUSE & MANUFACTURING