



HUBBLE

TRACK LIGHTING

Track fixture



The HUBBLE series feature the adjustable beam angle capability enabling field adjustment of the beam angle without any tools. The beam angle can be made to vary between a narrow flood, flood and a wide flood distribution. This product also comes standard at 90 CRI. Aeralux also caters for lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

Project: _____

Qty: _____

Notes: _____

OPERATING & ELECTRICAL

Input Voltage 120Vac
Power factor 0.9
Dimming Triac dimming
Total harmonic distortion (THD) <20%

PERFORMANCE

Lumens per Watt 72-80 LPW at 90CRI
Power consumption 30W
Distribution Narrow flood, flood, wide flood

MECHANICAL & HOUSING

Housing Aluminum die cast
Lens Highly durable polycarbonate
lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare.

Finish

White, black, silver

Power Supply

Factory wired electronic LED

driver

LED Board

COB

APPLICATION CONDITION

Ambient temperature range

-10 to 35°C

COMPATIBLE MOUNTING

Mounting

Juno, Global, Halo, Lightolier

WARRANTY

System warranty

5 years

Lumen maintenance

Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-TL-HB12VA30P30J1BK

AE-TL-HB	12	VA	30	P	30	J1	BK
FIXTURE FAMILY	VOLTAGE	DISTRIBUTION		CRI	CCT	ADAPTER	FINISH
AE-TL-HB Aeralux Hubble Series track light	12 120Vac	VA Variable distribution from 20 to 55°	30 30 watts: 2250 lumens at 90CRI 3000K	P Premium 90 CRI	30 3000K CCT	J1 Juno mounting system	BK Black powder coat finish
					35 3500K CCT	G1 Global mounting system	WH White powder coat finish
						H1 Halo mounting system	
					40 4000K CCT	L1 Lightolier mounting system	SV Silver powder coat finish



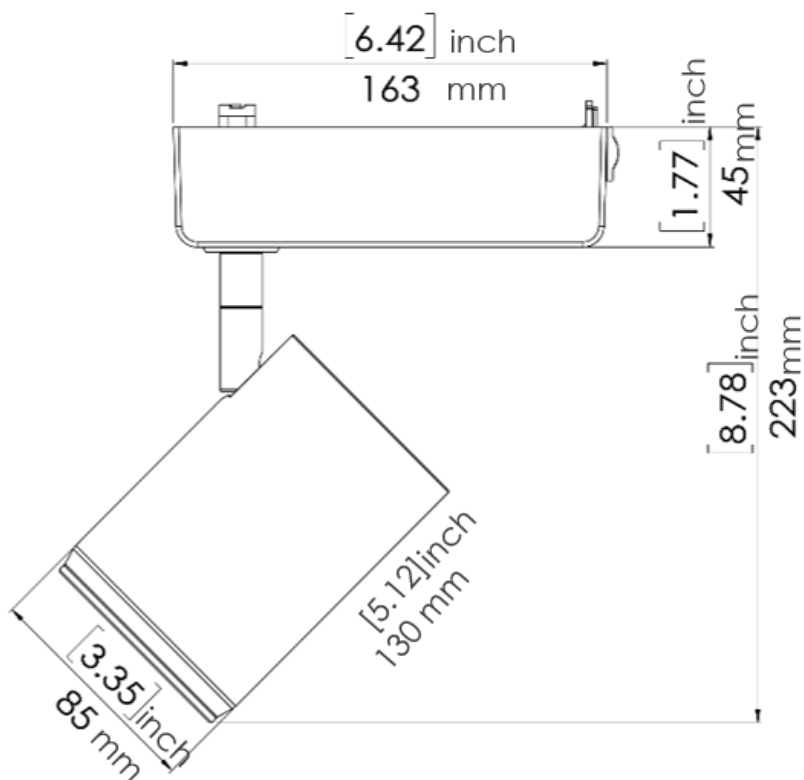
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PRODUCT DIMENSIONS

AE-TL-HB12VA30N30XXXX


Weight:

1.223Kg



DIMMER COMPATIBILITY LIST

120V ac Dimmers

Manufacturer	Manufacturer Part Number
 <p>Lutron</p>	S-603PG
	DVCL-153P
	DV-600P
	TGCL-153P
	S-600P
	DVELV-303P
	SELV-300P
	TG-600P
	LG-600P
	CT-103P
	MAELV-600
	FAELV-500
 <p>Leviton</p>	IPI06-1LZ
	6631-2
	VPE06
	6683-IW
	6161
	6633-P
	IPE04
<p>Cooper</p>	DLC03P
	SLC03P
	DAL06P
Lightolier	ZP260QEW

LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.78	0.81	0.84	0.86
SUPERIOR (HIGH GAI)	N/A	0.73	0.78	N/A

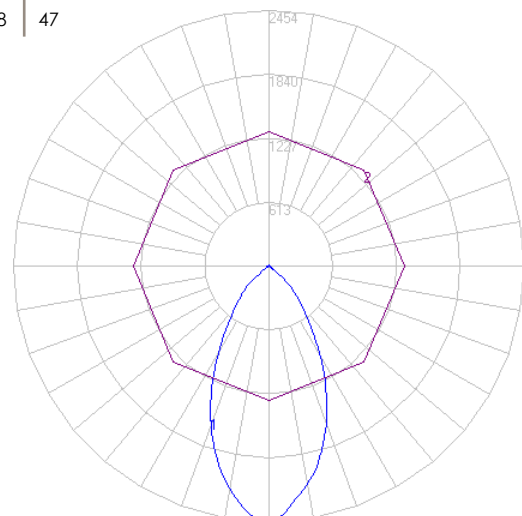
PHOTOMETRIC DATA

AE-TL-HB12VA30P30XXXX - Flood

Coefficients of utilization											
Ceiling	80%				70%		50%		30%		0%
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0
RCR	Zonal Cavity Method – Effective floor reflectance = 20%										
Room Cavity Ratio	0	119	119	119	119	116	116	110	110	105	99
	1	113	110	107	104	107	103	103	99	99	96
	2	106	101	97	93	99	92	96	90	93	88
	3	101	94	88	84	92	83	89	82	87	80
	4	95	87	81	76	86	76	83	75	81	74
	5	90	81	75	70	80	70	78	69	76	68
	6	85	76	69	65	75	64	73	64	71	63
	7	81	71	64	60	70	60	68	59	67	59
	8	76	66	60	56	66	55	64	55	63	55
	9	73	62	56	52	62	52	61	52	60	51
	10	69	59	53	49	58	49	57	48	56	47

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	215.28	90-100	4.17
10-20	528.17	100-110	4.17
20-30	591.31	110-120	3.96
30-40	439.96	120-130	3.76
40-50	253.06	130-140	3.53
50-60	45.8	140-150	3.09
60-70	18.6	150-160	2.49
70-80	14.19	160-170	1.63
80-90	7.29	170-180	0.57

Luminance data			
Angle	0°	45°	90°
45°	27867	18907	21191
55°	2877	2051	2760
65°	1411	1028	1066
75°	1033	726	820
85°	457	311	433



PHOTOGRAPHS

MULTIPLE MOUNTING ADAPTERS

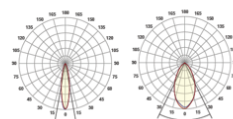
Choose from any of the popular track systems such as Juno, Halo, Lightolier, or Global.

PAINT FINISH

Factory standard in black, white, and silver. Contact for custom paint finishes to enhance your fixture to suit your project space.

PREMIUM DESIGN

Aluminum die-cast materials selected for efficient thermal heat dissipation, enhanced structural rigidity maximizing LED life and driver function.



FLEXIBILITY

Adjust the trackhead's aperture to adjust the beam angle from 21 to 53 degrees.

MULTIPLE OPTIONS

Customize your track head by selecting from a variety of, CCT, CRI, and finish options.



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