



ODYSSEY

TRACK LIGHTING

Track fixture



The ODYSSEY series is wall-wash track fixture completely designed with high precision die-cast finish. The die-cast finish offers a quality finish and unequalled robustness. This product also features a unique spring mechanisms around its joints providing peace of mind with regards to aiming of the beam angle. 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 86-95-100 LPW at 90CRI
Power consumption 27W
Distribution Linear wall wash beam distribution

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-OD12WW28P30J1BK

AE-TL-OD	12	WW	28	P	30	J1	BK
FIXTURE FAMILY	VOLTAGE	DISTRIBUTION	LUMEN	CRI	CCT	ADAPTER	FINISH
AE-TL-OD Aeralux Odyssey Series track light	120Vac	Wall Wash light distribution	27 watts: 2470 lumen at 90CRI 3000K	P Premium 90 CRI	30 3000K CCT	J1 Juno mounting system	BK Black powder coat finish
				S* Superior HIGH GAI	35 3500K CCT	G1 Global mounting system	WH White powder coat finish
				40 4000K CCT	H1 Halo mounting system	SV Silver powder coat finish	
						L1 Lightolier mounting system	

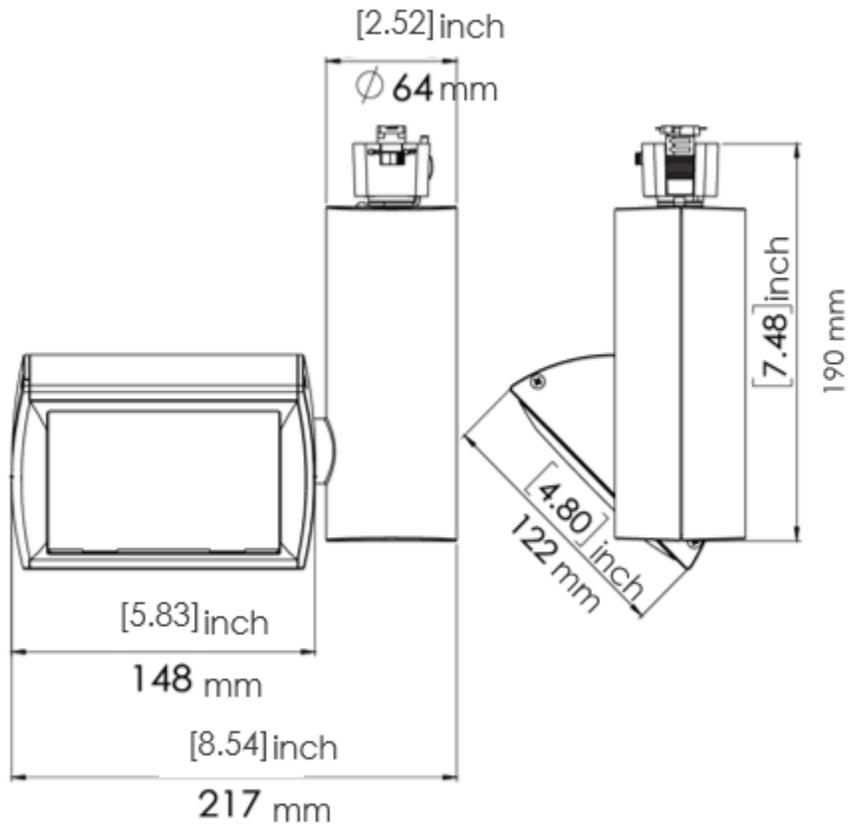
* Available only at 3000K & 3500K



PRODUCT DIMENSIONS

AE-TL-OD12WW28XXXXXXX

Weight: 1.054Kg



DIMMER COMPATIBILITY LIST

120V ac Dimmers

Manufacturer	Manufacturer Part Number
Lutron 	S-603PG
	DVCL-153P
	DV-600P
	TGCL-153P
	S-600P
	DVELV-303P
	SELV-300P
	TG-600P
	LG-600P
	CT-103P
	MAELV-600
	FAELV-500
	Leviton 
6631-2	
VPE06	
6683-IW	
6161	
6633-P	
IPE04	
Cooper 	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

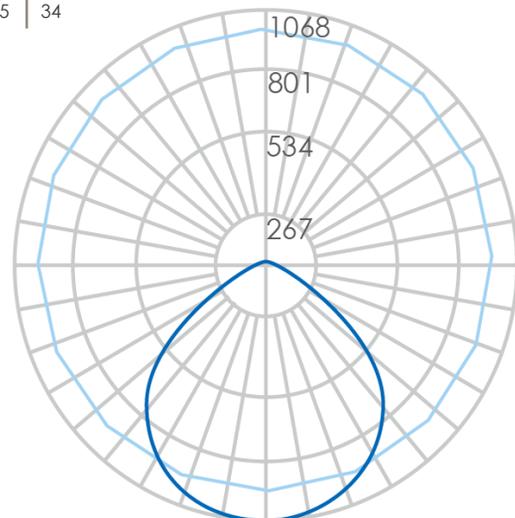
PHOTOMETRIC DATA

AE-TL-OD12WW28P30XXXX

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	111	111	106	106	99
	1	111	107	104	101	105	99	101	96	97	93	88
	2	103	97	91	86	95	85	91	83	88	81	78
	3	96	87	80	75	86	74	83	73	80	72	69
	4	89	79	72	66	78	66	75	65	73	64	61
	5	83	72	64	59	71	58	69	58	67	57	55
	6	77	66	58	52	65	52	63	52	61	51	49
	7	72	60	53	47	60	47	58	47	57	46	44
	8	68	56	48	43	55	43	54	42	52	42	40
	9	63	51	44	39	51	39	50	39	49	39	37
	10	60	48	41	36	47	36	46	35	45	35	34

Luminance data			
Angle	0°	45°	90°
45°	17703	45060	36127
55°	10421	10771	9123
65°	8026	6130	7118
75°	4561	3434	4606
85°	1451	1084	1832

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	101.06	90-100	2.12
10-20	291.39	100-110	2.03
20-30	443.66	110-120	2.00
30-40	526.58	120-130	2.01
40-50	404.88	130-140	1.92
50-60	147.89	140-150	1.75
60-70	92.23	150-160	1.40
70-80	54.77	160-170	0.93
80-90	18.24	170-180	0.32





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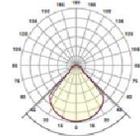
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MULTIPLE MOUNTING ADAPTERS

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

DISTRIBUTION

Linear wall wash beam distribution lights up any project space beautifully.



PREMIUM DESIGN

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



MULTIPLE OPTIONS

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

PAINT FINISH

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



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