

ODYSSEY

TRACK LIGHTING

Track Fixture



The ODYSSEY series is a wall-wash track fixture designed with a quality die-cast finish, offering unequalled robustness. This product features a unique spring mechanism around its joints to ease the beam angle's aiming. It comes standard at 90 CRI but also caters to lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

eralux®



DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-TL-OD12WW

OPERATING & ELECTRICAL

INPUT VOLTAGE	120 V
POWER FACTOR	>0.9
DIMMING	Triac dimming
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	86-90-95 LPW at 90CRI
POWER CONSUMPTION	27W
DISTRIBUTION	Linear wall wash beam distribution

MECHANICAL & HOUSING

HOUSING	Aluminum die cast
LENS	Highly durable polycarbonate and high transmittance lens
FINISH	Black, White, Silver
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	COB

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-10 °C to 35°C
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COMPATIBLE MOUNTING

MOUNTING	Juno Global Halo Lightolier
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WARRANTY

SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES)

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ORDERING GUIDE

EXAMPLE: AE-TL-OD12WWP30J1BK

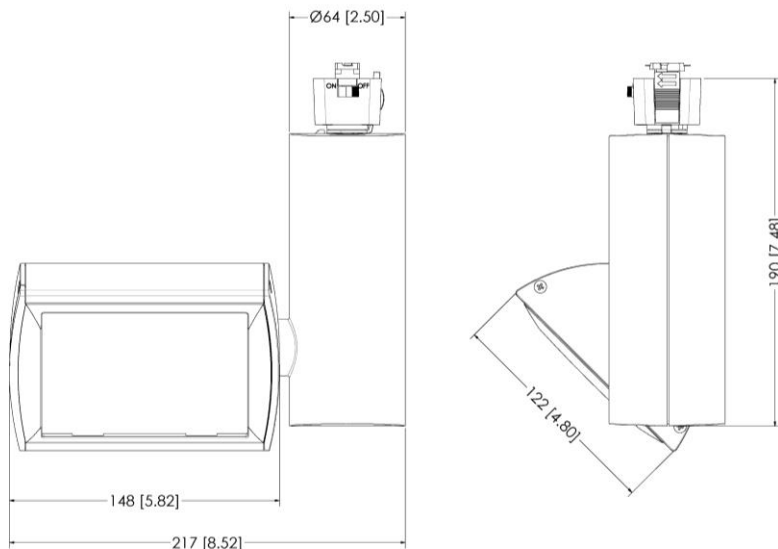
FIXTURE FAMILY	INPUT VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-OD	12	WW				
AE-TL-OD ERALUX Odyssey Series track light	12 120V	WW Wall Wash light distribution 93° CBCP: 1214	P Premium 90 CRI	27 2700K CCT	J1 Juno mounting system	BK Black powder coat finish
				30 3000K CCT	G1 Global mounting system	
				35 3500K CCT	H1 Halo mounting system	WH White powder coat finish
			S* Superior HIGH-GAI	40 4000K CCT	L1 Lightolier mounting system	SV Silver powder coat finish

*Available only at 3000k & 3500k

PRODUCT DIMENSIONS (in mm)

AE-TL-OD12WWXXXXXX

Weight: 1.054 kg



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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-OD12WWP30XXXX

120V

WALL WASH LIGHT DISTRIBUTION

PREMIUM 90 CRI

3000K

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	443.64	17.90	
0-30°	950.96	38.40	
0-40°	1572.78	63.50	
0-60°	2252.25	90.90	
0-80°	2432.19	98.20	
0-90°	2447.41	98.80	

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DIMMER COMPATIBILITY LIST

0-10V Dimmer @120VAC

Lutron, Nova series (part number NFTV)

Lutron, Diva series (part number DVTV)

Leviton, IllumaTech series (part number IP710-DL)

TRIAC/ELV Dimmer @120VAC

Lutron S-603PG

Lutron DVELV-303P

Lutron CT-103P

Leviton IPI06-1LZ

Lutron SELV-300P

Cooper SLC03P

Leviton 6631-2

Leviton 6683-IW

Leviton IPE04

TRIAC/ELV Dimmer @120VAC

Lutron DVCL-153P

Leviton 6161

Lutron MAELV-600

Lutron DV-600P

Leviton 6633-P

Lutron FAELV-500

Lutron TGCL-153P

Lutron TG-600P

TRIAC/ELV Dimmer @120VAC

Lightolier ZP260QEW

Lutron S-600P

Cooper DLC03P

Cooper DAL06P

Leviton VPE06

Lutron LG-600P

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OVERVIEW



MULTIPLE MOUNTING ADAPTERS

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

PREMIUM DESIGN

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

DISTRIBUTION

Linear wall wash beam distribution lights up any project space.

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.

