

# OSIRIS

## TRACK LIGHTING

Track Fixture



eralux®



The OSIRIS series features a distinctive look with a smooth heatsink and a vertical driver enclosure. There are three possible lumens packages and three possible beam distributions: narrow flood, flood and wide flood. This product also comes standard at 90 CRI.

DATE	
PROJECT NAME	
<b>TYPE</b>	
QTY	
ORDERING CODE	AE-TL-OS 12

### OPERATING & ELECTRICAL

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

### PERFORMANCE

LUMENS PER WATT	74-92 LPW at 90CRI
POWER CONSUMPTION	20W, 27W, 51W
DISTRIBUTION	Narrow flood, Flood, Wide Flood

### 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-OS1312FLP30J1BK

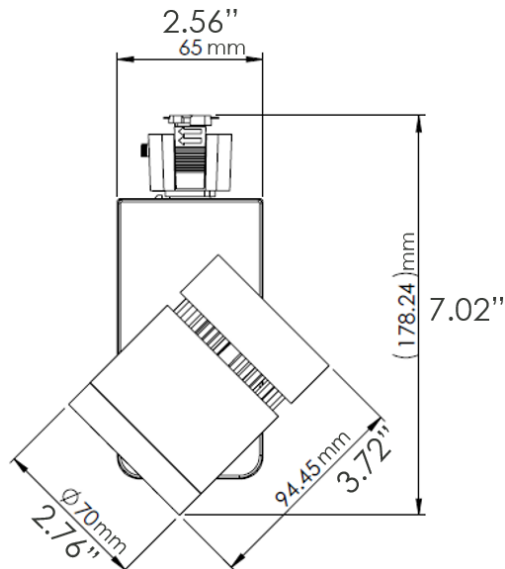
FIXTURE FAMILY	LUMEN	INPUT VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
<b>AE-TL-OS</b>		<b>12</b>					
<b>AE-TL-OS</b> ERALUX Osiris Series track light	<b>13</b> 20 watts: 1,590 lumens	<b>12</b> 120V Input voltage	<b>NF</b> Narrow flood light distribution 20°	<b>P</b> Premium 90 CRI	<b>27</b> 2700K CCT	<b>J1</b> Juno mounting system	<b>BK</b> Black powder coat finish
	<b>29</b> 27 watts: 2,100 lumens		<b>FL</b> Flood light distribution 40°				
	<b>43</b> 51 watts: 4,430 lumens		<b>WF</b> Wide flood light distribution 59°	<b>S*</b> Superior HIGH GAI	<b>35</b> 3500K CCT	<b>H1</b> Halo mounting system	<b>SV</b> Silver powder coat finish
					<b>40</b> 4000K CCT	<b>L1</b> Lightlier mounting system	

\* Available only at 3000K & 3500K

**PRODUCT DIMENSIONS (in mm)**

AE-TL-OS13

Weight: 0.738 kg

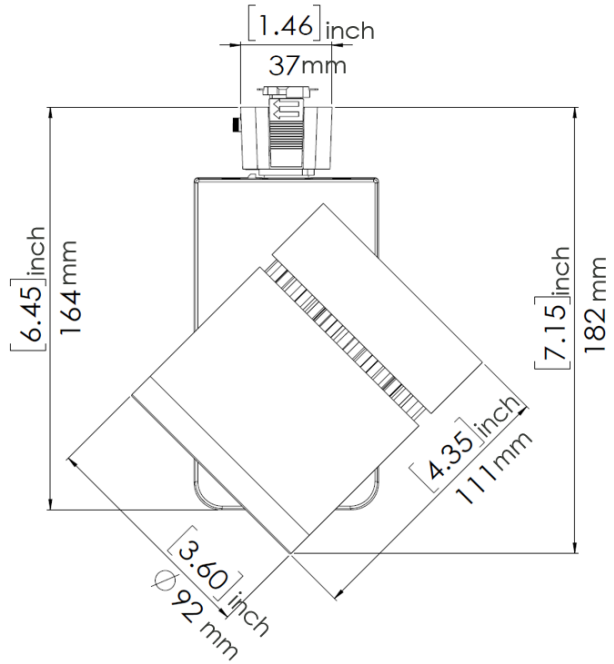


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## PRODUCT DIMENSIONS (in mm)

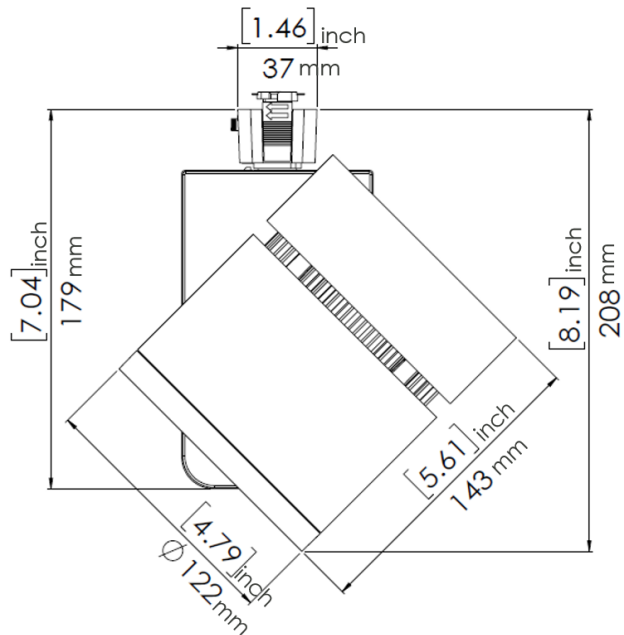
AE-TL-OS29

Weight: 1.060kg



AE-TL-OS43

Weight: 1.552 kg



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## DIMMER COMPATIBILITY LIST

### AE-TL-OS13 & AE-TL-OS29

TRIAC/ELV Dimmer @120VAC	TRIAC/ELV Dimmer @120VAC	TRIAC/ELV Dimmer @120VAC
Lutron S-603PG	Lutron DVCL-153P	Lutron S-600P
Lutron DVELV-303P	Leviton 6161	Cooper DLC03P
Lutron CT-103P	Lutron MAELV-600	Cooper DAL06P
Leviton IPI06-1LZ	Lutron DV-600P	Leviton VPE06
Lutron SELV-300P	Leviton 6633-P	Lutron LG-600P
Cooper SLC03P	Lutron FAELV-500	
Leviton 6631-2	Lutron TGCL-153P	<b>0-10V Dimmer @120VAC</b>
Leviton 6683-IW	Lutron TG-600P	Lutron, Nova series (part number NFTV)
Leviton IPE04	Lightolier ZP260QEW	Lutron, Diva series (part number DVTV)
		Leviton, IllumaTech series (part number IP710-DL)

### AE-TL-OS43

TRIAC/ELV Dimmer @120VAC	TRIAC/ELV Dimmer @120VAC
Lutron DV-600P	Lutron DVLV-600P
Lutron DVELV-303P	Lutron NFTU-5A
Lutron NTELV-600	Lutron CTCL-153P
Lutron MAELV-600	Lutron CTCL-153P
Lutron SELV-300P	Lutron GL-600H
Lutron S-600P	

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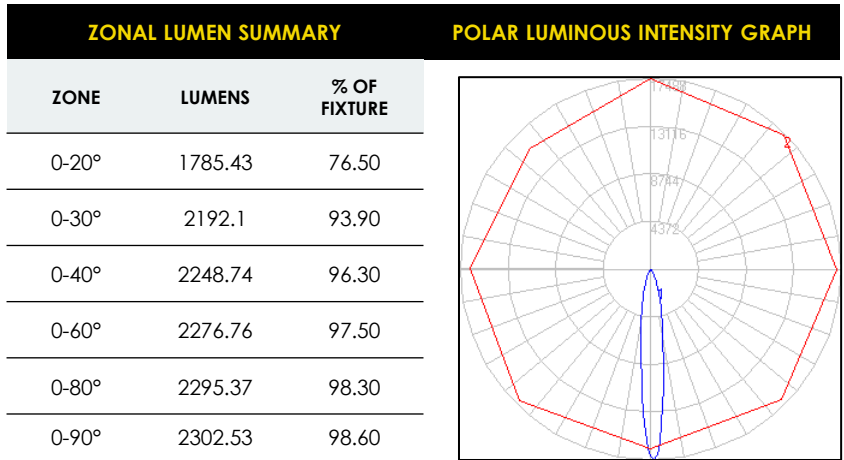
## LUMEN ESTIMATE

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:

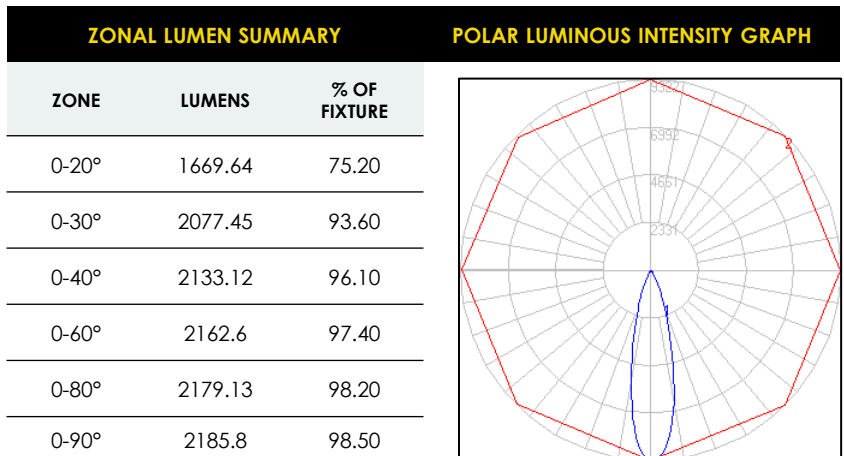
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.78	0.81	0.84	0.86
SUPERIOR (HIGH GAI)	N/A	0.73	0.78	N/A

## PHOTOMETRIC DATA

AE-TL-OS2912NFP30X1XX  
 Narrow Flood  
 27 WATTS  
 120V



AE-TL-OS4312FLP30X1XX  
 Flood  
 51 WATTS  
 120V



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**PHOTOMETRIC DATA (CONTINUE)**

AE-TL-OS2912WFP30X1XX

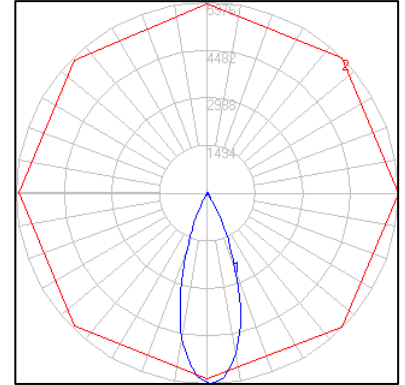
Wide Flood

27 WATTS

120V

**ZONAL LUMEN SUMMARY      POLAR LUMINOUS INTENSITY GRAPH**

ZONE	LUMENS	% OF FIXTURE
0-20°	1483.61	69.20
0-30°	1987.08	92.70
0-40°	2059.11	96.10
0-60°	2091.74	97.60
0-80°	2105.63	98.20
0-90°	2111.43	98.50



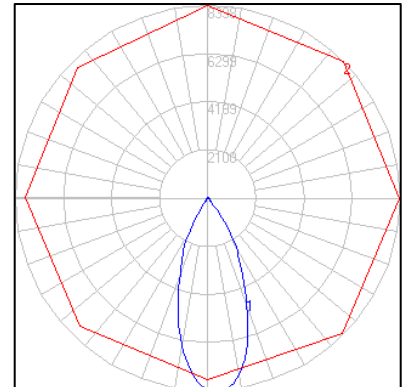
AE-TL-OS4312FLP30X1XX

51 WATTS

120 V

**ZONAL LUMEN SUMMARY      POLAR LUMINOUS INTENSITY GRAPH**

ZONE	LUMENS	% OF FIXTURE
0-20°	2330.79	49.10
0-30°	3693.29	77.80
0-40°	4233.75	89.20
0-60°	4432.52	93.30
0-80°	4568.83	96.20
0-90°	4601.83	96.90



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## OVERVIEW

### 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.



20 WATTS



51 WATTS



27 WATTS



### MULTIPLE OPTIONS

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

### ACCESSORIES

Barn doors are also available for the Osiris, allowing one to have better control as to where the light is directed.