

NuSTAR

TRACK LIGHTING

Track Fixture



The NuSTAR series features a semi-exposed heatsink to maximize energy savings and an integrated driver enclosure. This track fixture comes in two lumen packages with their corresponding geometry. 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-NS 12

OPERATING & ELECTRICAL

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

PERFORMANCE

LUMENS PER WATT	77-92 LPW at 90CRI
POWER CONSUMPTION	13.5W, 29W
DISTRIBUTION	Narrow flood, Flood, Wide flood, Very 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 Lightlier
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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-NS1412NFP30J1BK

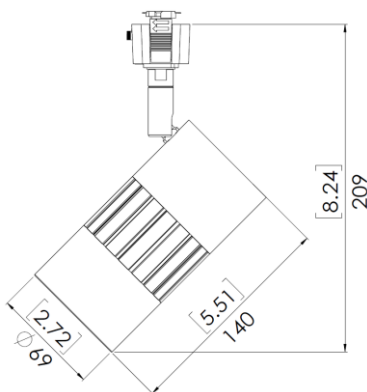
FIXTURE FAMILY	LUMEN	VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-NS		12					
AE-TL-NS ERALUX NuSTAR Series track light	14 13.5 watts: 1,148 lumens at 90CRI 3000K	12 120V	NF Narrow Flood light distribution 21°	P Premium 90 CRI	27 2700K CCT	J1 Juno mounting system	BK Black powder coat finish
			FL Flood light distribution 31°		30 3000K CCT	G1 Global mounting system	WH White powder coat finish
	31 29 watts: 2,407 lumens at 90CRI 3000K		WF Wide Flood light distribution 36°	S* Superior HIGH-GAI	35 3500K CCT	H1 Halo mounting system	SV Silver powder coat finish
					40 4000K CCT	L1 Lightolier mounting system	

* Available only at 3000K & 3500K

PRODUCT DIMENSIONS

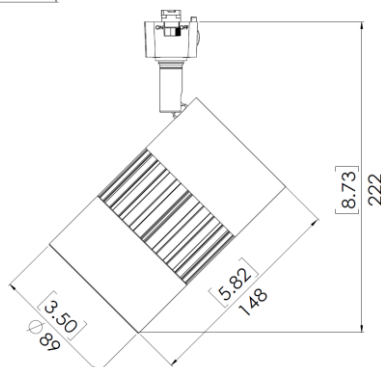
AE-TL-NS14

Weight: 0.623 kg



AE-TL-NS31

Weight: 1.084 kg



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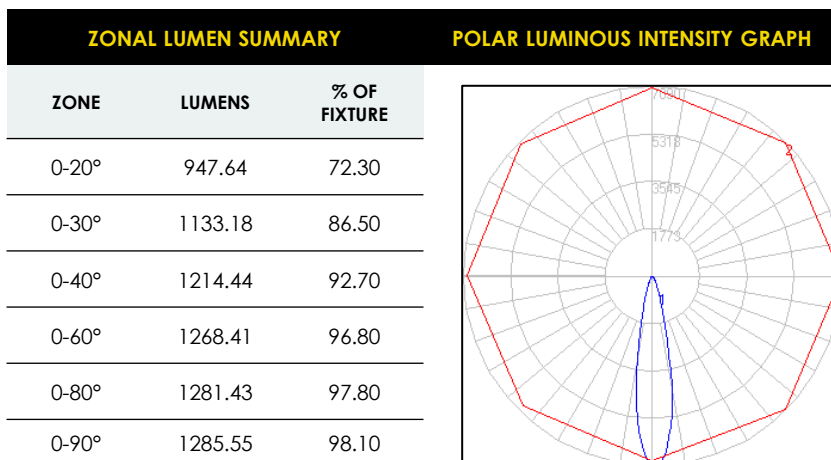
LUMEN ESTIMATE

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:

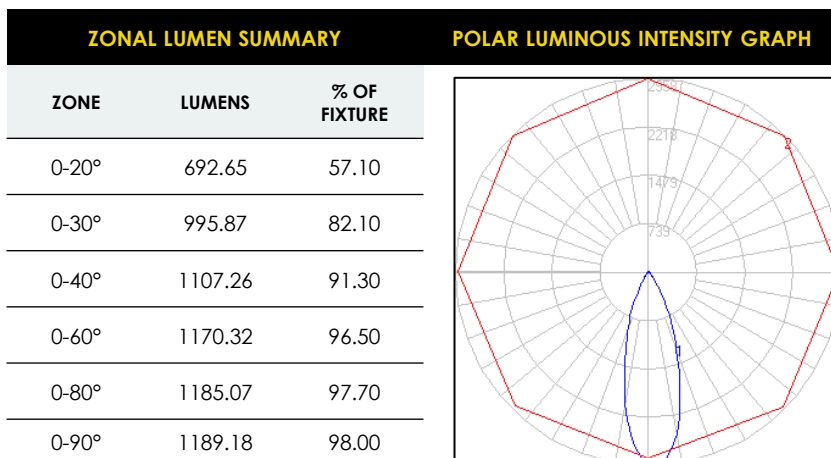
LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.78	0.81	0.84	0.86
SUPERIOR (HIGH GAI	N/A	0.73	0.78	N/A

PHOTOMETRIC DATA

AE-TL-NS1412NFXXX1XX
 NARROW FLOOD
 13.5V
 120V



AE-TL-NS1412FLXXX1XX
 FLOOD DISTRIBUTION
 13.5 WATTS
 120 V



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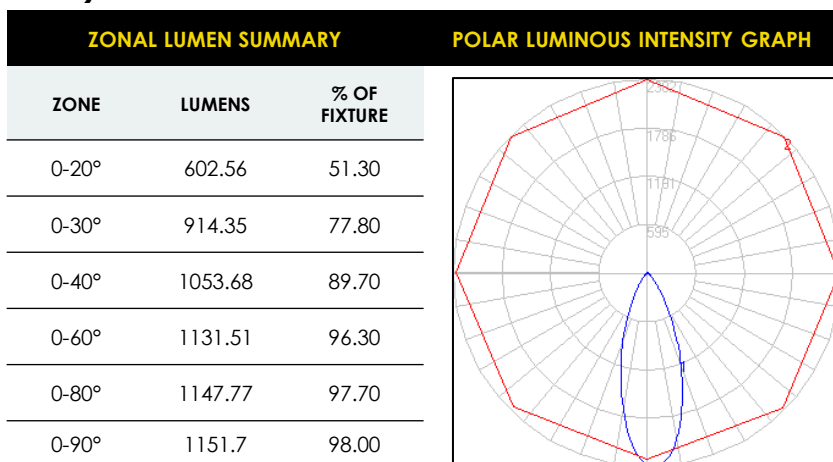
PHOTOMETRIC DATA (CONTINUE)

AE-TL-NS1412WFXXXX1XX

Wide Flood

13.5 V

120 V



DIMMER COMPATIBILITY LIST

AE-TL-NS1412XXXXXX1XX

TRIAC/ELV Dimmer @120VAC
Cooper Aspire 9573WS
Cooper Devine DI06P-A-K
Legrand Paddle ADPD453L-W2
Leviton Illumatech IPI06
Leviton Sureslide 6631-LW
Leviton Sureslide 6613-PL
Lutron Skylark S-603PGI(1)
Lutron Diva DVCL-153PR
Lutron Ariadni AY-600P-AL
Lutron Maestro MRF2-600M-WH
Lutron Skylark S-600P-A
Lutron Diva DV-600P-WH
Lutron Nova N-600
Lutron Skylark SLV-600-WH
Lutron Glyder GLV-600-WH

AE-TL-NS3112XXXXXX1XX

TRIAC/ELV Dimmer @120VAC
Lutron DVF-103P
Lutron SELV-300P
Lutron TT-150NLH-JA
Lutron CTCL-153PDH
Lutron TG600PRWH
Lutron S600PR-WH
Leviton IPI06-10
Leviton IPI06
Leviton 6633-P
Leviton 6631
Leviton VPI06
PANASONIC NQ20345
PANASONIC WT57615WK
PANASONIC WN575259

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OVERVIEW

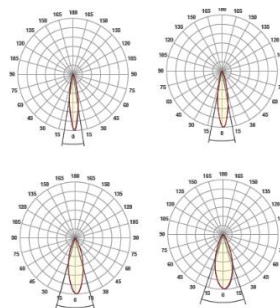


MULTIPLE MOUNTING ADAPTERS

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

MULTIPLE OPTIONS

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



PREMIUM DESIGN

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

PAINT FINISH

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

VALUE ENGINEERED DESIGN

Integrated components and sleek thermal heat sink allow for slim stem design providing a minimalist look.

