

MAVEN ELITE

TRACK LIGHTING

Track Fixture

The Maven Elite is the most advanced among the series, with the driver separated from the luminaire. Maven Elite is a powerful choice and a perfect combination with the other Maven series' tracklights. Available in various CCT, and adapter options, Maven Elite can mount to pre-existing tracks or be paired with other ERALUX accessories to build a new track system. MAVEN provides an even distribution at various beam angles. The LED head rotates for a flexible lock wherever the beam is required.



eralux®



DATE					
PROJECT NAME					
TYPE					
QTY					
ORDERING CODE	AE-TL-MVE-12		P		

OPERATING & ELECTRICAL

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

PERFORMANCE

LUMENS PER WATT	92 at 3000K 99 at 3500K & 4000K
POWER CONSUMPTION	14W
DISTRIBUTION	Spot, Narrow flood, Flood, Wide Flood

MECHANICAL & HOUSING

HOUSING	Aluminum die cast
LENS	Highly durable polycarbonate lens
FINISH	Black, White, Silver
POWER	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-MVE-12SPP30J1BK

FIXTURE FAMILY	INPUT VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH	
AE-TL-MVE	-12		P				
AE-TL-MVE ERALUX MAVEN ELITE track light	-12 120 V	SP Spotlight distribution: 10° CBCP: 15000 @ 90 CRI	P Premium 90 CRI	30 3000K CCT 14 watts: 1,288 lumens	J1 Juno mounting system	BK Black powder coat finish	
		NF Narrow flood light distribution: 20° CBCP: 7650 @ 90 CRI			G1 Global mounting system		WH White powder coat finish
		FL Flood light distribution: 35° CBCP: 3420 @ 90 CRI			H1 Halo mounting system	L1 Lightolier mounting system	
		VF Wide flood light distribution: 60° CBCP: 1290 @ 90 CRI					
		40 4000K CCT 14 watts: 1,386 lumens					

DIMMER COMPATIBILITY LIST

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

MANUFACTURER	PART NUMBER
 LEVITON	IPI06-1LZ
	6631-2
	VPE06
	6683-IW
	6161
	6633-P
	IPE04
	DLC03P
COOPER	SLC03P
	DAL06P
LIGHTOLIER	ZP260QEW

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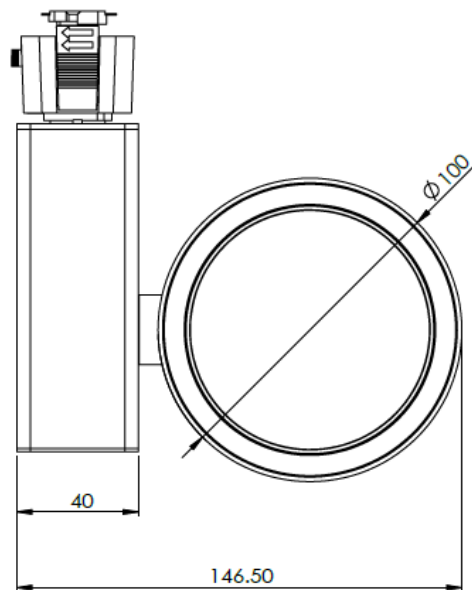
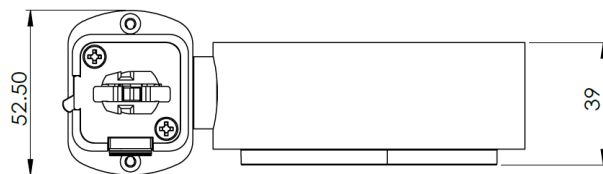
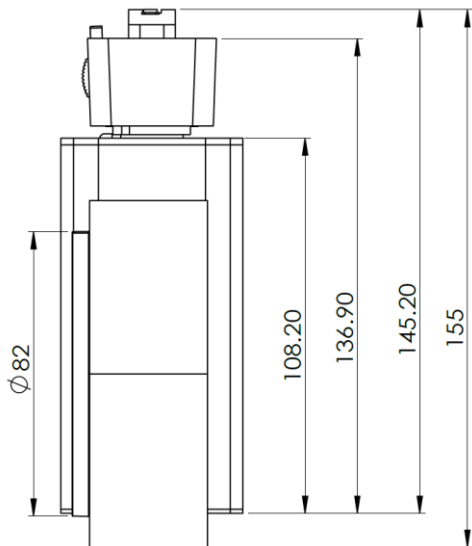
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PRODUCT DIMENSIONS (in mm)

AE-TL-MVE

Weight: 0.500 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	3000K	3500K	4000K
PREMIUM (90CRI)	0.8	0.84	0.93

PHOTOMETRIC DATA

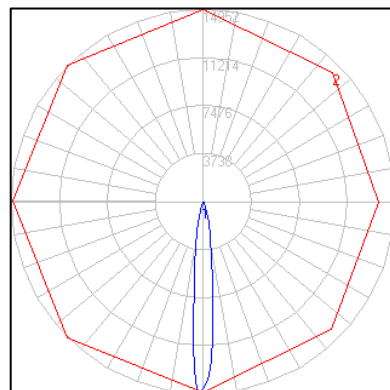
AE-TL-MVE-12SPP30X1XX

Spotlight 10°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	1051.7	83.80
0-30°	1148.64	91.50
0-40°	1185.74	94.50
0-60°	1215.76	96.90
0-80°	1229.48	98.00
0-90°	1233.04	98.30

POLAR LUMINOUS INTENSITY GRAPH



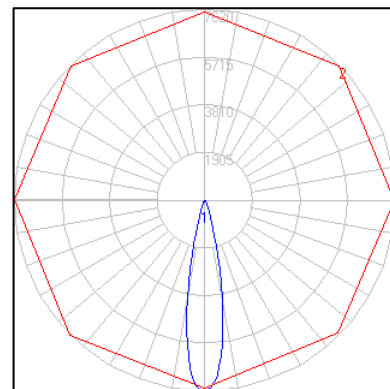
AE-TL-MVE-12NFP30X1XX

Narrow Flood 20°

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% OF FIXTURE
0-20°	991.58	79.70
0-30°	1109.1	89.10
0-40°	1159.37	93.10
0-60°	1202.4	96.60
0-80°	1219.87	98.00
0-90°	1223.52	98.30

POLAR LUMINOUS INTENSITY GRAPH



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TRACK LIGHTING

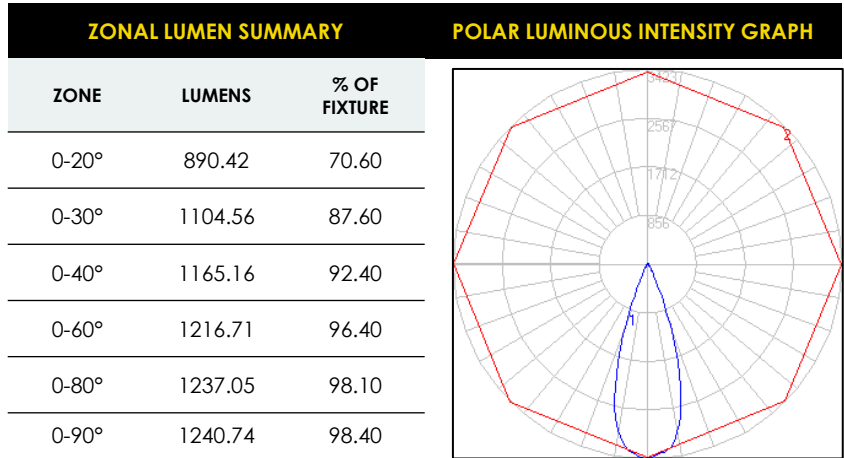
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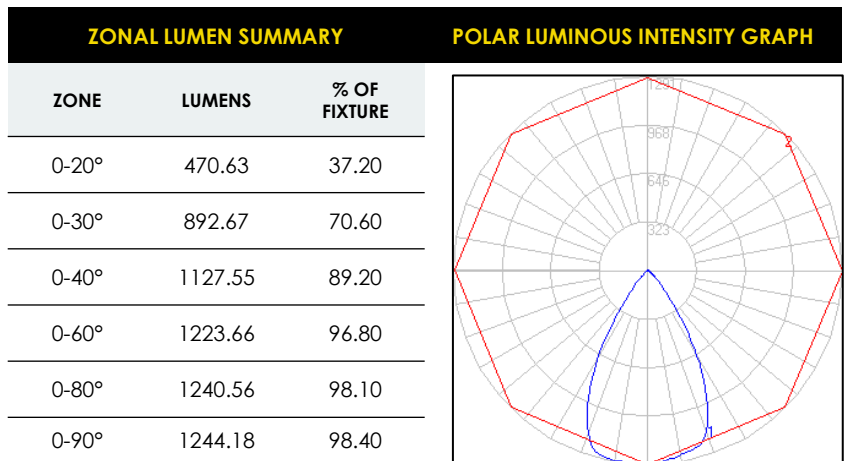
AE-TL-MVE-12FLP30X1XX

Flood 35°



AE-TL-MVE-12VFP30X1XX

Wide Flood 60°



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DIMMER COMPATIBILITY LIST

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
Lutron DVCL-153P
Leviton 6161
Lutron MAELV-600

TRIAC/ELV Dimmer @120VAC
Lutron DV-600P
Leviton 6633-P
Lutron FAELV-500
Lutron TGCL-153P
Lutron TG-600P
Lightolier ZP260QEW
Lutron S-600P
Cooper DLC03P
Cooper DAL06P
Leviton VPE06
Lutron LG-600P

0-10V Dimmer @120VAC
Lutron, Nova series (part number NFTV)
Lutron, Diva series (part number DVTV)
Leviton, IllumaTech series (part number IP710-DL)

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OVERVIEW

STANDALONE DRIVER

Driver separated from the luminaire reduces the heat impact on the LED board, making heat dissipation much easier.

POWERFUL DRIVER

Up to 99 LPW at 4000K provide strong yet stable lighting distribution.

PREMIUM DESIGN

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

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.

MULTIPLE OPTIONS

Customize your track head by selecting from a variety of CCT and beam angle options. Choose either triac dimming or 0-10V dimming for various project purpose.

