

CHANDRA MAX

TRACK LIGHTING

Track Fixture



The CHANDRA MAX track lighting fixture distinguishes itself with its sleek look, variety of optical options, and a series of accessories to adapt to every possible scenario. The installation of accessories on this product is simply a breeze. This enables fast deployment of fixtures around stores for reconfigurations of products. This product also comes standard at 90 CRI.

eralux®



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

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277V
POWER FACTOR	>0.9
DIMMING	Triac dimming
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	86 LPW at 90CRI
POWER CONSUMPTION	41W
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 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

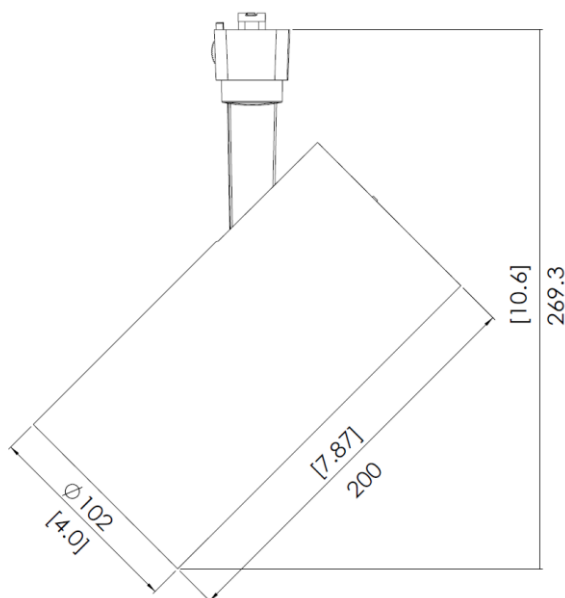
EXAMPLE: AE-TL-CDX-12-41NFP30J1BK

FIXTURE FAMILY	WATTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-CDX-12	-XXW		P			
AE-TL-CDX-12 ERALUX CHANDRA MAX track light 120V-277V	- 41 watts: 3740 lumens	NF 20° Narrow Flood light distribution CBCP: 17000 @90 CRI	P Premium 90 CRI	27 2700K CCT	J1 Juno mounting system	BK Black powder coat finish
		FL 25° Flood light distribution CBCP: 12850 @90 CRI		30 3000K CCT	G1 Global mounting system	WH White powder coat finish
		WF 40° Wide Flood light distribution CBCP: 7700 @90 CRI		35 3500K CCT	H1 Halo mounting system	SV Silver powder coat finish
		VF 60° Very Wide Flood light distribution CBCP: 3700 @90 CRI		40 4000K CCT	L1 Lightolier mounting system	

PRODUCT DIMENSIONS

AE-TL-CDX-12-XXWXXXXXXXXXX

Weight: 1.415 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:

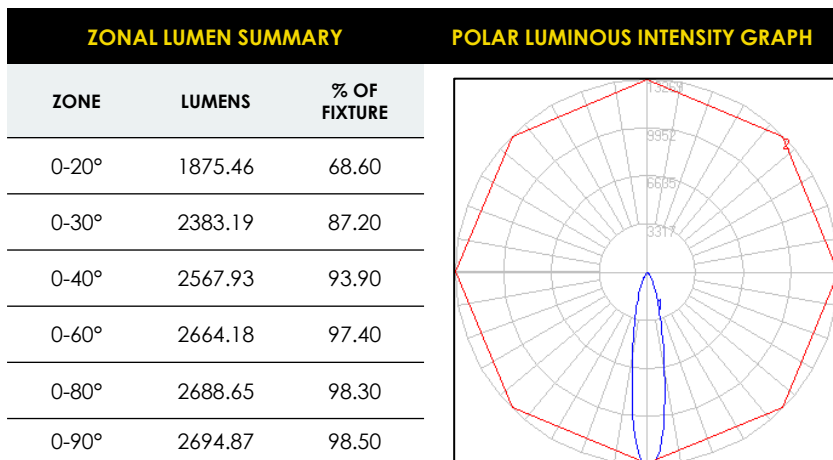
LUMEN ESTIMATE ADJUSTMENT FACTORS			
CCT	3000K	3500K	4000K
PREMIUM (90CRI)	1	1.03	1.06
SUPERIOR (HIGH GAI)	.90	.96	N/A

PHOTOMETRIC DATA

AE-TL-CDX-12-XXWNFP30XXXX

20° Narrow Flood

700mA



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DIMMER COMPATIBILITY LIST

TRIAC/ELV Dimmer @120VAC
Lutron SLV-600X
Lutron S2-LX
Lutron GL-600H
Lutron NFTU-5A
Lutron DVLV-600P
Leviton 6602-X
Leviton 6681-X
Leviton 6683-X
Leviton 6684-X

TRIAC/ELV Dimmer @120VAC
Leviton 700-X
Leviton 705-X
Leviton 6633
Leviton 6674
Leviton IPI06-1LZ
Cooper 9530XXX
Lightolier MP600X
Advance SR150LED120

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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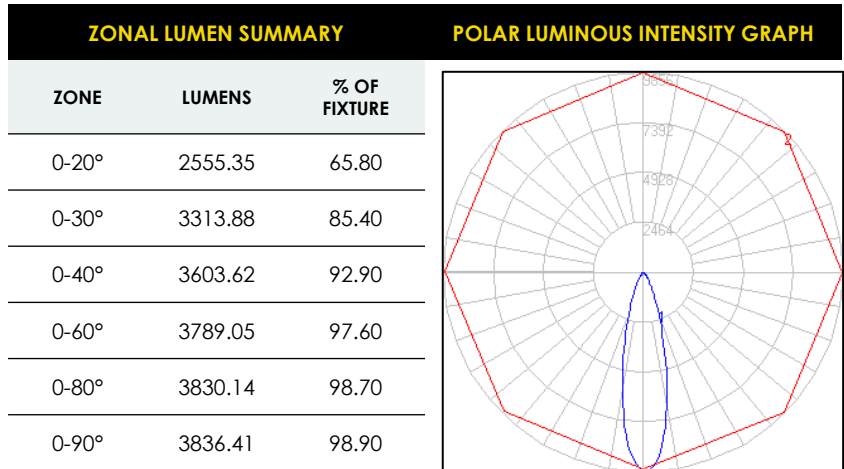
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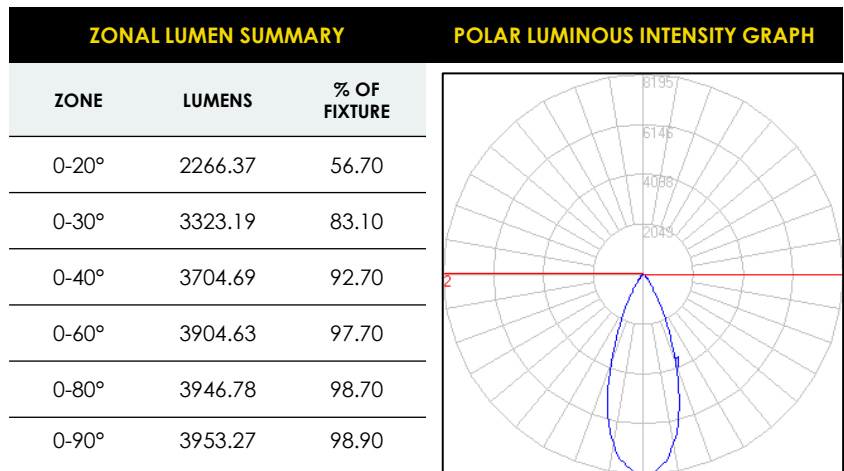
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PHOTOMETRIC DATA (CONTINUE)

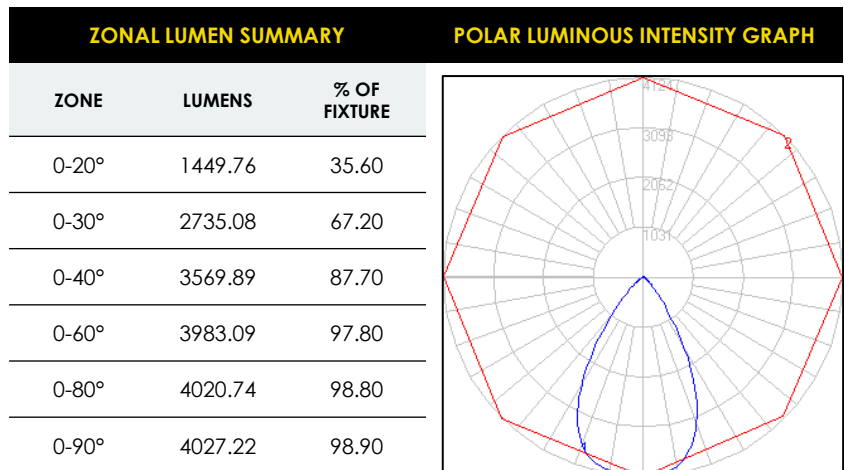
AE-TL-CDX-12-XXWFLP30XXXX
25° Flood
1050mA



AE-TL-CDX-12-XXWWFP30XXXX
40° Wide Flood
1050mA



AE-TL-CDX-12-XXWVFP30XXXX
60° Very Wide Flood
1050mA



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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.

MULTIPLE OPTIONS

Customize your track head by selecting from a variety of beam angle, CCT options allowing you to have a unique fixture that suits your project.

PAINT FINISH

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

EFFICIENT DESIGN

Integrated components allow for small stem and clean aesthetic appearance.

