

# CHANDRA MAX

## TRACK LIGHTING

Track Fixture



eralux®



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.

DATE						
PROJECT NAME						
<b>TYPE</b>						
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

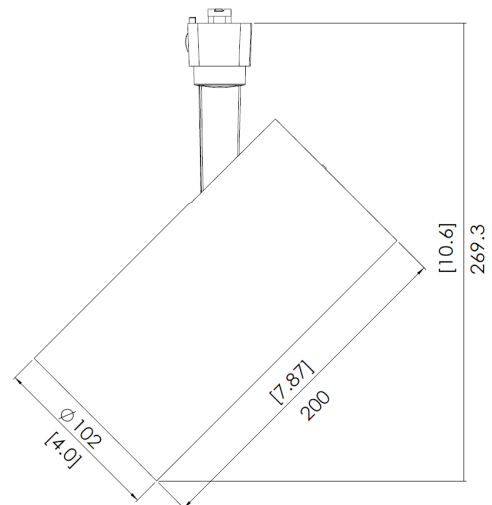
EXAMPLE: AE-TL-CDX-12-41NFP30BZJ1BK

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

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	1875.46	68.60	
0-30°	2383.19	87.20	
0-40°	2567.93	93.90	
0-60°	2664.18	97.40	
0-80°	2688.65	98.30	
0-90°	2694.87	98.50	

## ACCESSORIES

Ordered separately, field installed

FIXTURE FAMILY	ACCESSORY	PICTURE
AE-TL-CD-		
AE-TL-CDX-	<b>HX</b> Hexcell Louver	
	<b>SNT-BK</b> Snoot Black	
	<b>SNT-WH</b> Snoot White	

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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

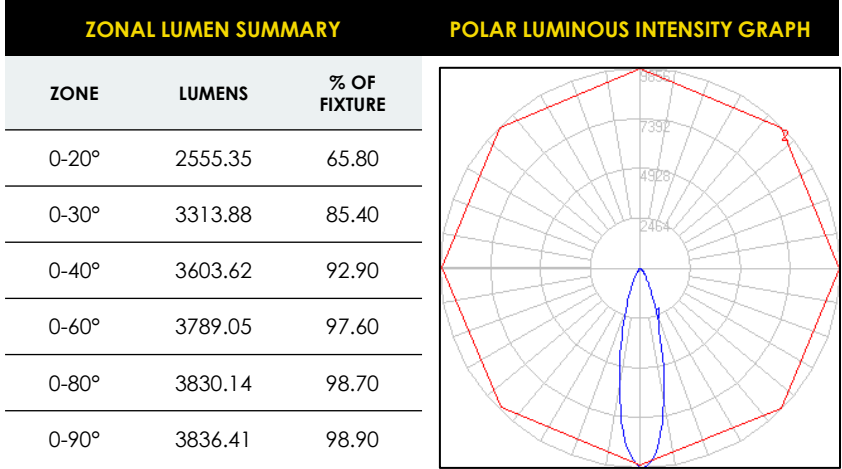
TRIAC/ELV Dimmer @120VAC
Leviton 700-X
Leviton 705-X
Leviton 6633
Leviton 6674
Leviton IPI06-1LZ
Cooper 9530XXX
Lightolier MP600X
Advance SR150LED120

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

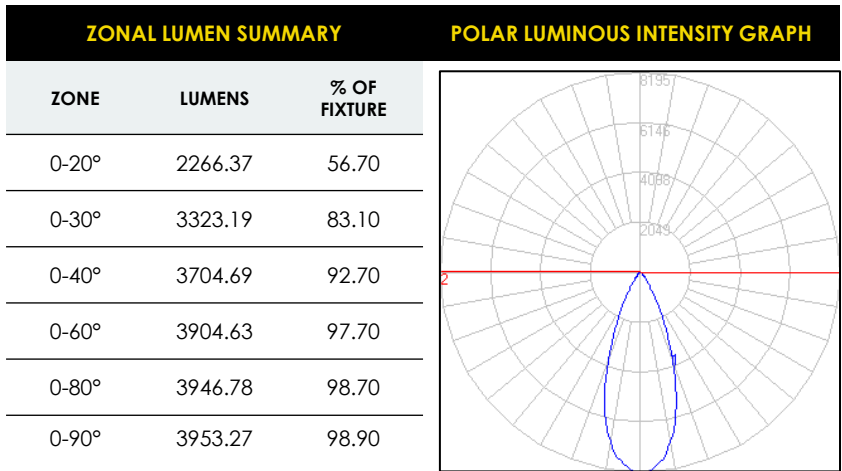
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## PHOTOMETRIC DATA (CONTINUE)

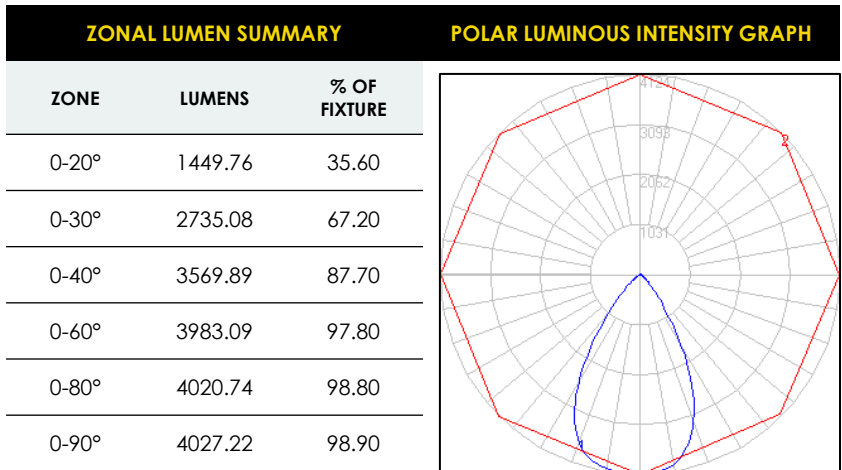
AE-TL-CDX-12-XXWFLP30XXXX  
 25° Flood  
 1050mA



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.

