

CHANDRA

TRACK LIGHTING

Track Fixture



eralux®



The CHANDRA series track lighting fixture is specifically designed for the retail environment. It 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 comes at standard 90 CRI, but also caters for lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-TL-CD12

OPERATING & ELECTRICAL

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

PERFORMANCE

LUMENS PER WATT	86 LPW at 90CRI
POWER CONSUMPTION	20W
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

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

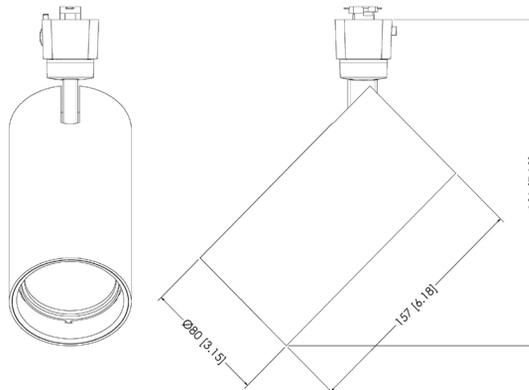
EXAMPLE: AE-TL-CD12NFP30J1BK

FIXTURE FAMILY	VOLTAGE	DISTRIBUTION	CRI	CCT	TRIM FINISH	ADAPTER	FINISH
AE-TL-CD	12						
AE-TL-CD ERALUX Chandra Series track light	12 120V	NF Narrow Flood 13° light distribution 20 watts: 1,720 lumens at 90CRI 3000K CBCP: 15783 @ 90 CRI	P Premium 90 CRI	27 2700K CCT	[BLANK] Black	J1 Juno mounting system	BK Black powder coat finish
				30 3000K CCT			
		FL Flood 25° light distribution 20 watts: 1,720 lumens at 90CRI 3000K CBCP: 7333 @ 90 CRI	S* Superior HIGH GAI	35 3500K CCT	BZ Bronze	H1 Halo mounting system	WH White powder coat finish
		WF Wide Flood 35° light distribution 20 watts: 1,720 lumens at 90CRI 3000K		40 4000K CCT			GD Gold

* Available only at 3000K & 3500K

PRODUCT DIMENSIONS

AE-TL-CD12XXXXXXXXXX
Weight: 0.940 kg



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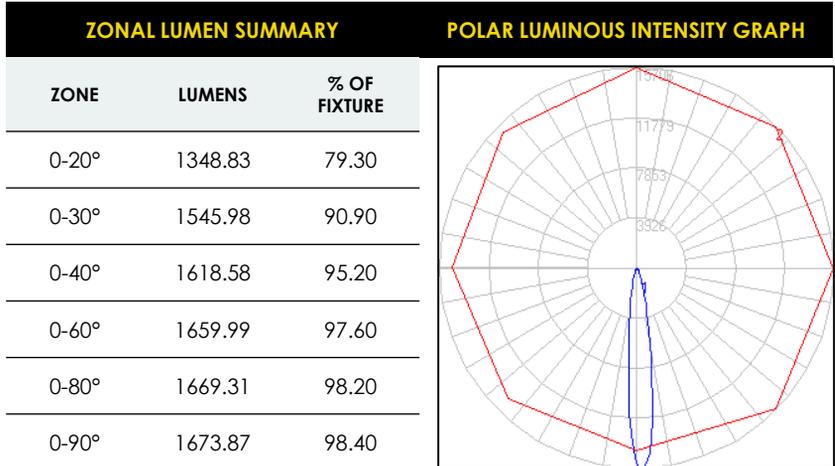
LUMEN ESTIMATE

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:

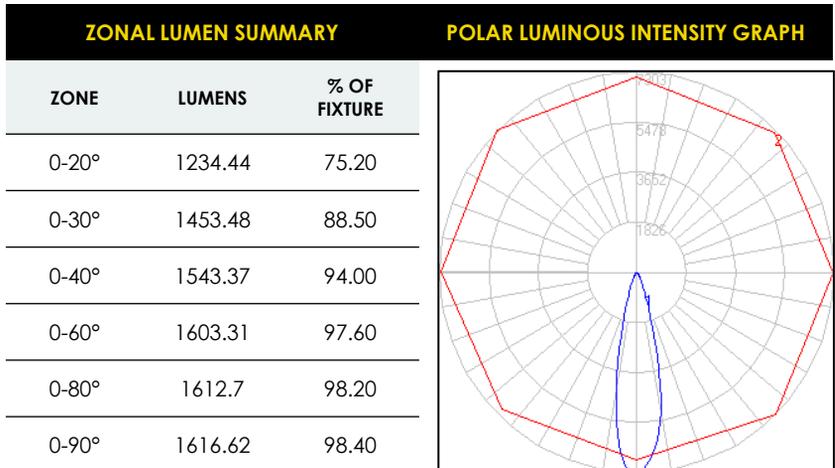
LUMEN ESTIMATE ADJUSTMENT FACTORS			
CCT	3000K	3500K	4000K
PREMIUM (90CRI)	1	1.03	1.06
CLASS A	.90	.96	N/A

PHOTOMETRIC DATA

AE-TL-CD12NF20P30XXXX



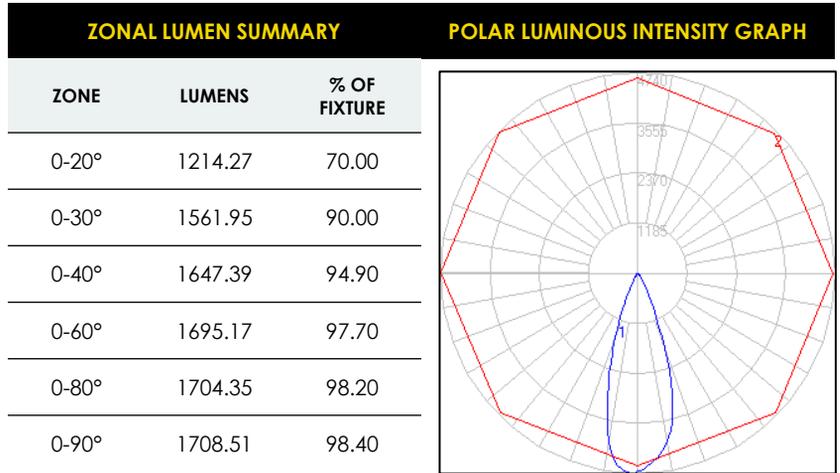
AE-TL-CD12FL20P30XXXX



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PHOTOMETRIC DATA (CONTINUE)

AE-TL-CD12WF20P30XXXX



DIMMER COMPATIBILITY LIST

TRIAC/ELV Dimmer @120VAC

Lutron DV-600P
Lutron DVELV-303P
Lutron NTELV-600
Lutron MAELV-600
Lutron SELV-300P
Lutron DVLV-600P
Lutron NFTU-5A
Lutron CTCL-153P
Lutron GL-600H
Lutron S-600P

ACCESSORIES

Ordered separately, field installed

FIXTURE FAMILY	ACCESSORY	PICTURE
AE-TL-CD-		
AE-TL-CD-	HX Hexcell Louver	
	SNT-BK Snoot Black	
	SNT-WH Snoot White	

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OVERVIEW

MULTIPLE MOUNTING ADAPTERS

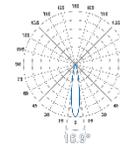
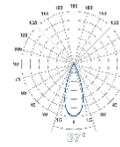
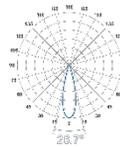
Choose from any of the popular track systems such as Juno, Halo, Lightolier, or Global.

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, and CRI 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.

ACCESSORIES

Hexcell louvers, and snoots available to help further customize your track fixtures and provide a specific look and beam distribution that your project space requires.

