

# CHANDRA BASIC

## TRACK LIGHTING

Track Fixture



eralux®



The CHANDRA BASIC series track lighting fixture is specifically designed for the retail environment. It distinguishes itself with its sleek look and variety of optical options. The installation of accessories on this product is a breeze which enables fast deployment of fixtures around stores for reconfigurations of products. This product comes standard at 80 CRI.

DATE	
PROJECT NAME	
<b>TYPE</b>	
QTY	
ORDERING CODE	AE-TL-CD12      N      1

### OPERATING & ELECTRICAL

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

### PERFORMANCE

LUMENS PER WATT	~100 LPW at 80CRI
POWER CONSUMPTION	20W
DISTRIBUTION	Flood 25°, Wide flood 35°

### MECHANICAL & HOUSING

HOUSING	Aluminum die cast
LENS	Highly durable polycarbonate and high transmittance lens
FINISH	Black, White
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 – L85 at 50,000 hours

Rated for 85% 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

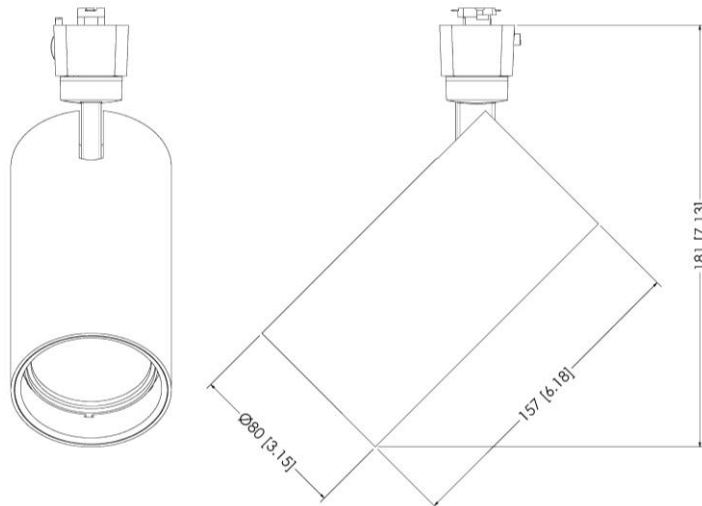
EXAMPLE: AE-TL-CD12FLN30J1BK

FIXTURE FAMILY	VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
<b>AE-TL-CD</b>	<b>12</b>		<b>N</b>		<b>1</b>	
<b>AE-TL-CD</b> ERALUX CHANDRA BASIC ECO Series track light	<b>12</b> 120V	<b>FL</b> Flood light distribution 25° 20 watts: 2,000 lumens at 80CRI 3000K	<b>N</b> 80 CRI	<b>27</b> 2700K CCT	<b>J1</b> Juno mounting system	<b>BK</b> Black powder coat finish
				<b>30</b> 3000K CCT	<b>G1</b> Global mounting system	
		<b>WF</b> Wide Flood light distribution 35° 20 watts: 2,000 lumens at 80CRI 3000K		<b>35</b> 3500K CCT	<b>H1</b> Halo mounting system	<b>WH</b> White powder coat finish
				<b>40</b> 4000K CCT	<b>L1</b> Lightolier mounting system	

## PRODUCT DIMENSIONS

AE-TL-CD12XXXXXXXXXX

Weight: 0.940 kg



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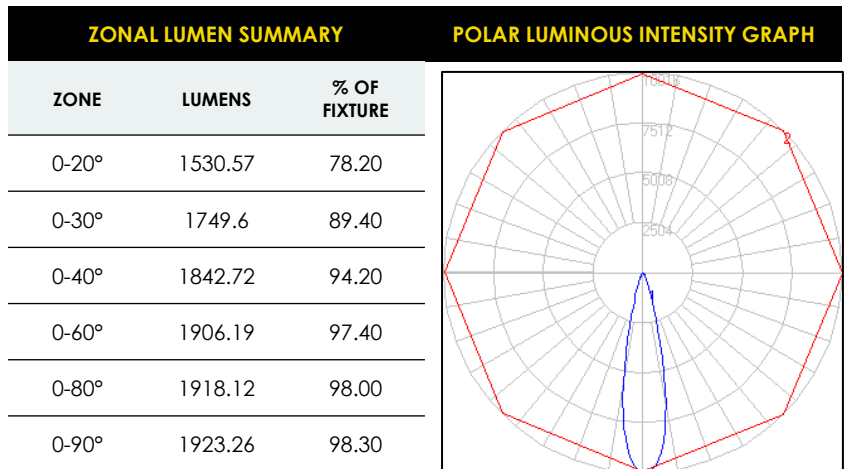
## LUMEN ESTIMATE

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:

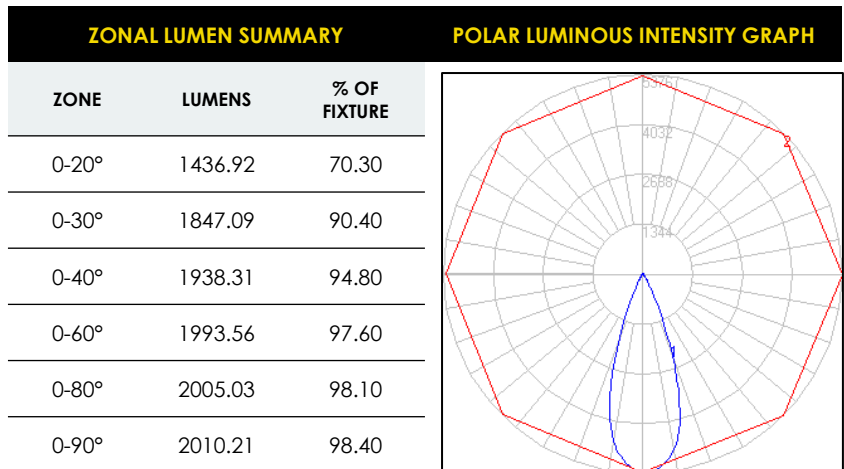
LUMEN ESTIMATE ADJUSTMENT FACTORS			
CCT	3000K	3500K	4000K
NORMAL (80CRI)	.94	.97	1

## PHOTOMETRIC DATA

AE-TL-CD12FLNXXJ1XX



AE-TL-CD12WFNXXJ1XX



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## 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

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## OVERVIEW



### POPULAR MOUNTING ADAPTERS

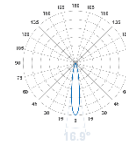
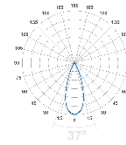
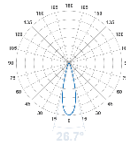
Popular Juno track systems with easy installation.

### 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 finish.

### EFFICIENT DESIGN

Integrated components allow for small stem and clean aesthetic appearance.

