

DREAM CHASER SERIES

Project Information

Type: Date:
Project:
Catalog #:
Notes:

Three cylinder LED track heads with 2.2 to 4-inch apertures: 20W, 27W and 50W delivering 1548 to 4550lm at 90 CRI. Die-cast aluminum housing with a heatsink head, four CCTs and Juno, Global, Halo and Lightolier adapters.

Art Gallery

Show Room

Retail Store

Hospitality



Key Specifications

Electrical

Input voltage	120V • 120-277V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC
Power	20W • 27W • 50W

Optical

Lumens	1548 - 4550lm
Efficacy	~72-90lm/W
CRI	90
CCT	2700K • 3000K • 3500K • 4000K
Distribution	12° - 59°

Physical

Aperture	2.2 - 4in
Length	3.76 - 5.60in
Mounting	Track system • Monopoint
Adapter	Juno • Global • Halo • Lightolier
Finish	Black • White • Silver
Ambient	-10°C to 35°C
Accessories	Track • Adapters • Sensor

Certifications

Listings	5-Yr Warranty • ETL • RoHS
Lumen maintenance	L70 at 50000h

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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L70 at 50000h

Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide

Assembled Catalog Number

[RESET](#)

AE-TL-

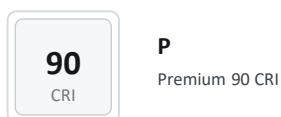
01 FIXTURE FAMILY



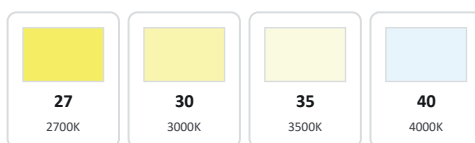
02 DISTRIBUTION



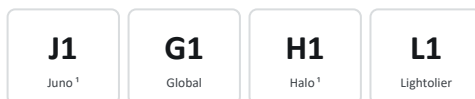
03 CRI



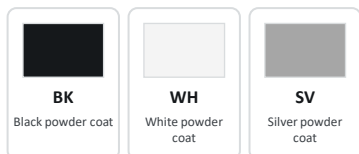
04 CCT



05 ADAPTER



06 FINISH



FAMILY	APERTURE	LENGTH	INPUT	POWER	LUMENS	SP	NF	FL	WF
Dream Chaser Mini	2.2in	3.76in	120V	20W	1548lm	12°	17°	30°	33°
Dream Chaser	2.7in	4.69in	120-277V	27W	2200lm	13°	25°	34°	—
Dream Chaser Max	4in	5.60in	120V	50W	4550lm	20°	40°	59°	—

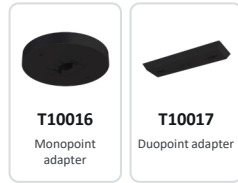
1. Juno and Halo adapters are compatible with 120V only. Mounting adapters, track and track components are ordered from page 03.

Accessory Ordering Guide (ordered separately)

Mounting Adapter

RESET

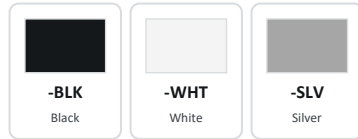
01 MOUNTING



Surface / wall mount

Compatible with Juno system. T10016: 1 track head can be installed.
T10017: 2 track heads can be installed.

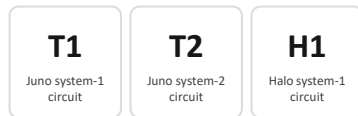
02 FINISH



Track System

RESET

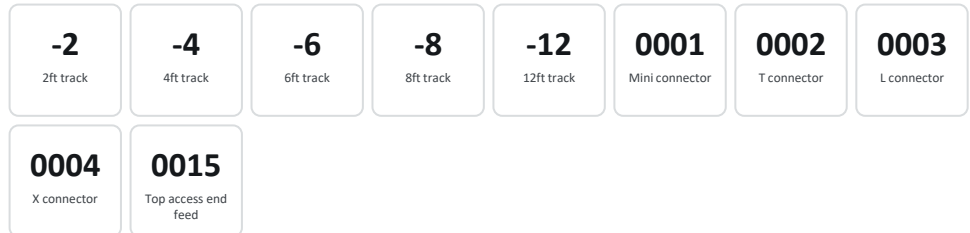
01 TRACK SYSTEM



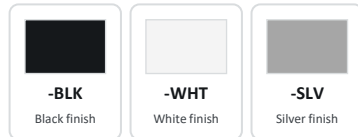
ERALUX Track

Track system and components are ordered with the track head if needed.

02 COMPONENT



03 FINISH

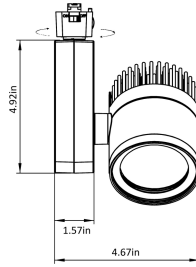


Track details: [ERALUX Track T1](#) · [ERALUX Track T2](#) · [ERALUX Track H1](#).

Dimensions

All dimensions in inches.

Dream Chaser Mini

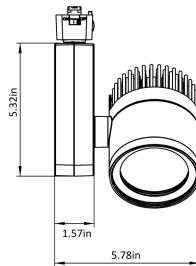


Front

Rotation up to 355°

Installation: [Install Instruction](#)

Dream Chaser

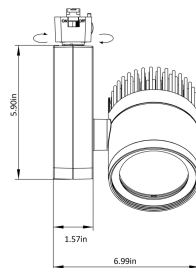


Front

Rotation up to 355°

Installation: [Install instruction](#)

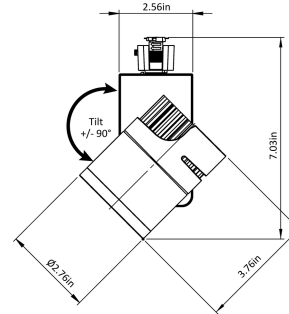
Dream Chaser Max



Front

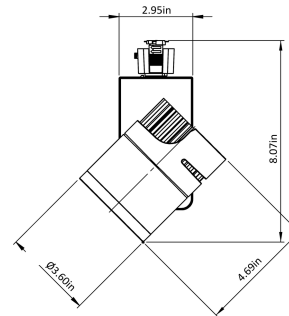
Rotation up to 355°

Installation: [Installation instructions](#)



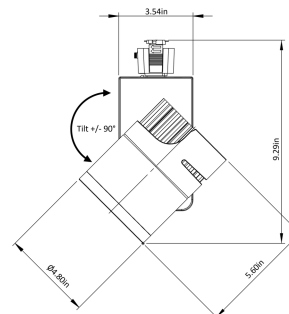
Side

Tilt +/- 90° · 7.03in overall height · head 2.76in dia. × 3.76in long



Side

Tilt +/- 90° · 8.07in overall height · head 3.60in dia. × 4.69in long

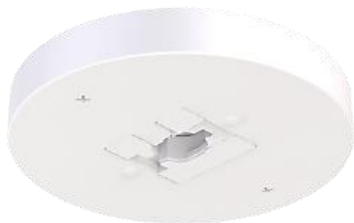


Side

Tilt +/- 90° · 9.29in overall height · head 4.80in dia. × 5.60in long

Accessories

Mounting Adapters



T10016

Monopoint adapter

Surface / wall mount. Compatible with Juno system. 1 track head can be installed.



T10017

Duopoint adapter

Surface / wall mount. Compatible with Juno system. 2 track heads can be installed.



Installed

On a monopoint adapter

Photometric Data - Dream Chaser Mini

Lumen Estimate Adjustment Factors

2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-TL-DCMSPP30XXXX

12° SPOTLIGHT

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	996.37	63.44		1.7ft	3675	0.4ft 0.4ft
Wattage	20.2W	0-30°	1413.22	89.98		3.3ft	975	0.7ft 0.7ft
CCT	3000K	0-40°	1496.70	95.30		5.0ft	425	1.1ft 1.1ft
Distribution	12°	0-60°	1516.42	96.55		6.7ft	237	1.4ft 1.5ft
CBCP	10620	0-80°	1535.23	97.75		8.3ft	154	1.7ft 1.8ft
		0-90°	1541.14	98.13		10.0ft	106	2.1ft 2.2ft
						Vert. spread		12.0°
						Horiz. spread		12.6°

AE-TL-DCMNFP30XXXX

17° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	980.57	62.63		1.7ft	2649	0.5ft 0.5ft
Wattage	20.2W	0-30°	1402.81	89.60		3.3ft	703	1.0ft 1.0ft
CCT	3000K	0-40°	1490.29	95.19		5.0ft	306	1.5ft 1.5ft
Distribution	17°	0-60°	1516.13	96.84		6.7ft	171	2.0ft 2.0ft
CBCP	7657	0-80°	1535.13	98.05		8.3ft	111	2.4ft 2.5ft
		0-90°	1540.16	98.37		10.0ft	76.6	2.9ft 3.0ft
						Vert. spread		16.8°
						Horiz. spread		17.0°

AE-TL-DCMFLP30XXXX

30° FLOOD

		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	971.55	60.94		1.7ft	1503	0.9ft 0.9ft
Wattage	20.1W	0-30°	1409.04	88.39		3.3ft	399	1.7ft 1.8ft
CCT	3000K	0-40°	1501.24	94.17		5.0ft	174	2.6ft 2.7ft
Distribution	30°	0-60°	1539.27	96.56		6.7ft	96.8	3.5ft 3.6ft
CBCP	4344	0-80°	1560.93	97.92		8.3ft	63.1	4.4ft 4.4ft
		0-90°	1566.47	98.26		10.0ft	43.4	5.3ft 5.3ft
						Vert. spread		29.5°
						Horiz. spread		29.8°

AE-TL-DCMWFP30XXXX

33° WIDE FLOOD

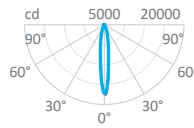
		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH
		0-20°	921.19	58.67		1.7ft	1328	1.0ft 1.0ft
Wattage	20.1W	0-30°	1374.64	87.56		3.3ft	352	2.0ft 2.0ft
CCT	3000K	0-40°	1473.51	93.85		5.0ft	153	3.0ft 3.0ft
Distribution	33°	0-60°	1516.12	96.57		6.7ft	85.5	4.0ft 4.0ft
CBCP	3837	0-80°	1537.62	97.94		8.3ft	55.7	5.0ft 5.0ft
		0-90°	1542.96	98.28		10.0ft	38.4	6.0ft 6.0ft
						Vert. spread		33.3°
						Horiz. spread		33.2°

Photometric Data - Dream Chaser

AE-TL-DCSPP30XXXX

13° SPOTLIGHT

		ZONE	LUMENS	% FIXTURE
		0-20°	1785.43	76.47
Wattage	27W	0-30°	2192.10	93.89
CCT	3000K	0-40°	2248.74	96.31
Distribution	13°	0-60°	2276.76	97.51
CBCP	17178	0-80°	2295.37	98.31
		0-90°	2302.53	98.62

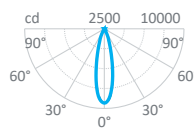


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	5944	0.4ft	0.4ft
3.3ft	1577	0.8ft	0.8ft
5.0ft	687	1.2ft	1.2ft
6.7ft	383	1.6ft	1.6ft
8.3ft	249	2.0ft	1.9ft
10.0ft	172	2.4ft	2.3ft
Vert. spread		13.5°	
Horiz. spread		13.3°	

AE-TL-DCNFP30XXXX

25° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1669.64	75.24
Wattage	26.9W	0-30°	2077.45	93.61
CCT	3000K	0-40°	2133.12	96.12
Distribution	25°	0-60°	2162.60	97.45
CBCP	9320	0-80°	2179.13	98.19
		0-90°	2185.80	98.49

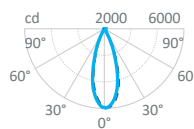


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	3225	0.7ft	0.7ft
3.3ft	856	1.5ft	1.4ft
5.0ft	373	2.2ft	2.2ft
6.7ft	208	2.9ft	2.9ft
8.3ft	135	3.7ft	3.6ft
10.0ft	93.2	4.4ft	4.4ft
Vert. spread		24.8°	
Horiz. spread		24.7°	

AE-TL-DCFLP30XXXX

34° FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1483.61	69.21
Wattage	26.9W	0-30°	1987.08	92.69
CCT	3000K	0-40°	2059.11	96.05
Distribution	34°	0-60°	2091.74	97.57
CBCP	5931	0-80°	2105.63	98.22
		0-90°	2111.43	98.49



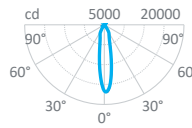
DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2052	1.0ft	1.1ft
3.3ft	545	2.0ft	2.1ft
5.0ft	237	3.1ft	3.1ft
6.7ft	132	4.1ft	4.2ft
8.3ft	86.1	5.1ft	5.2ft
10.0ft	59.3	6.2ft	6.2ft
Vert. spread		34.2°	
Horiz. spread		34.6°	

Photometric Data - Dream Chaser Max

AE-TL-DCXSPP30XXXX

20° SPOTLIGHT

		ZONE	LUMENS	% FIXTURE
		0-20°	2564.91	56.03
Wattage	50.6W	0-30°	3764.10	82.23
CCT	3000K	0-40°	4258.02	93.02
Distribution	20°	0-60°	4397.12	96.05
CBCP	16606	0-80°	4487.27	98.02
		0-90°	4503.72	98.38

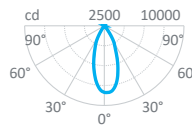


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	5746	0.6ft	0.6ft
3.3ft	1525	1.2ft	1.2ft
5.0ft	664	1.8ft	1.8ft
6.7ft	370	2.4ft	2.4ft
8.3ft	241	3.0ft	3.0ft
10.0ft	166	3.6ft	3.6ft
Vert. spread		20.2°	
Horiz. spread		20.6°	

AE-TL-DCXNFP30XXXX

40° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	2330.79	49.08
Wattage	50.6W	0-30°	3693.29	77.78
CCT	3000K	0-40°	4233.75	89.16
Distribution	40°	0-60°	4432.52	93.34
CBCP	8349	0-80°	4568.83	96.21
		0-90°	4601.83	96.91

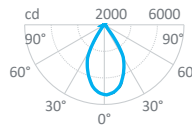


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2889	1.2ft	1.3ft
3.3ft	767	2.4ft	2.4ft
5.0ft	334	3.7ft	3.7ft
6.7ft	186	4.9ft	4.9ft
8.3ft	121	6.1ft	6.1ft
10.0ft	83.5	7.3ft	7.4ft
Vert. spread		40.2°	
Horiz. spread		40.5°	

AE-TL-DCXFLP30XXXX

59° FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1726.93	39.76
Wattage	50.4W	0-30°	3199.71	73.67
CCT	3000K	0-40°	3988.36	91.83
Distribution	59°	0-60°	4213.11	97.00
CBCP	5249	0-80°	4286.06	98.68
		0-90°	4296.85	98.93



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1816	1.9ft	1.9ft
3.3ft	482	3.7ft	3.7ft
5.0ft	210	5.6ft	5.6ft
6.7ft	117	7.5ft	7.5ft
8.3ft	76.2	9.3ft	9.3ft
10.0ft	52.5	11.3ft	11.3ft
Vert. spread		58.8°	
Horiz. spread		58.8°	

Sensors

Standalone Sensor

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	None	On/Off	Power pack None

Please refer to spec sheet for exact specifications for all items above.