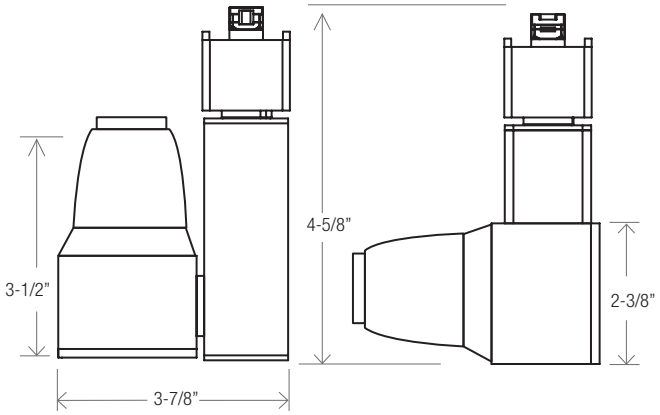
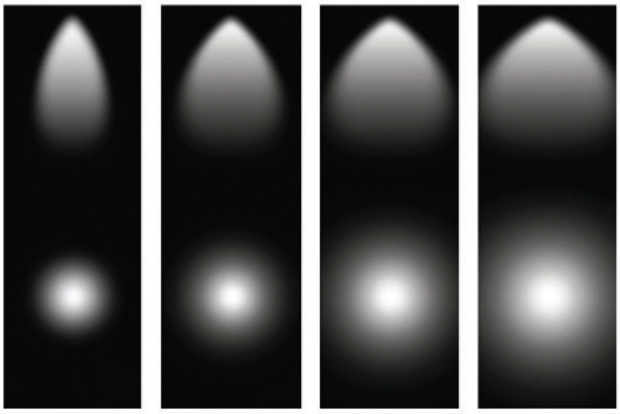
elite LED LIGHTING
By Elite Lighting

ET-LED-347
ARCHITECTURAL LED TRACK HEAD

*EASY **3** COLORS*
SELECCTOR
3000K •3500K • 4000K



OPTICS



SP	NFL	FL	WFL
Spot	Narrow Flood	Flood	Wide Flood
15°	24°, 25°	36°, 38°	60°

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	1361	17 W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

A small profile LED track light that delivers optimal lumen output, with precise aiming for accent, task, or general illumination, integrating into any design. Track heads are adjustable up to 360 degrees horizontally, 180 degrees vertically, and are compatible with 1-circuit and 2-circuit track. With the use of a friction-based locking movement system, the head can be adjusted and re-adjusted to a precise position, delivering light where needed. Available in an array of color temperatures, it can accentuate the full spectrum of cool to warm tones, and is the perfect complement for retail merchandising, galleries, museums, supermarkets, hospitality, and commercial.

LUMENS	1000
CCT	30K/35K/40K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	SP (Spot), NFL (Narrow Flood), FL (Flood), WFL (Wide Flood)
AIMING	360 degrees horizontally, 180 degrees vertically
FINISH	AWH (Architectural White) ABK (Architectural Black) Custom RAL
DIMMING	Flicker Free 10% Dimming TRIAC forward-phase or leading-edge 120V.
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

ETL Intertek · PROUDLY ASSEMBLED in AMERICA · QUICKSHIP CONSULT FACTORY · 5 YEARS LIMITED WARRANTY

ET-LED-347
ARCHITECTURAL LED TRACK HEAD

OPTICS
A polycarbonate optical refractor allows for precise beam control and even distribution, with a variety of lumen options.

CONSTRUCTION
All track heads are designed using a proprietary coolLED Advanced Thermodynamic Design. The track head body is constructed of extruded aluminum, with a die-cast custom designed concealed heat sink, providing a thermal management system that is engineered for extremely long life and service period.

FINISH
Post-painted available in white, black and custom RAL colors.

ACCESSORIES
Track heads may accommodate 1 to 3 accessories. Please consult factory for standard or custom options.

TRACK COMPATIBILITY
Track heads are standard, with the compatibility for use with Mono-point, 1-Circuit, and 2-Circuit type H track. Please consult factory for 2-Circuit, 2-Neutral 120V Track, 2-Circuit, 2-Neutral 277V Track, 3-Circuit 1-Neutral, and Dali System Track.

DIMMING AND DRIVER INFORMATION
DIMTR – Electronic constant current LED driver compatible with TRIAC forward-phase or leading-edge dimming. Available in 120V. Dimmable down to 1%, standard. The LED driver is rated for 50 to 60Hz at 120V input, produces less than 20%THD, and has a power factor between 90% and 100%, and is thermally protected for additional safety.

WARRANTY
Five-year warranty for parts and components. (Labor not included)

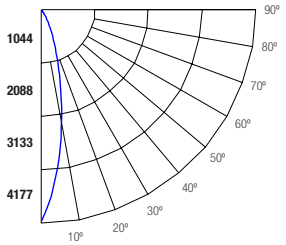
Example: **ET-LED-347-1000L-DIMTR-120-30K/35K/40K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-347	❑ **1000L** - 1361 lumens	❑ **DIMTR-120**	❑ **30K/35K/40K-90**	❑ **SP** - Spot 15° ❑ **NFL** - Narrow Flood 24°-25° ❑ **FL** - Flood 36°-38° ❑ **WFL** - Wide Flood 60°	❑ **AWH** - Architectural White ❑ **ABK** - Architectural Black

ET-LED-347-1000L-DIMTR-120-30K-35K-40K-90-FL-AWH(40K) TEST NO.: **EL05082054**

INPUT WATTS: **17.9003** LUMENS: **1361** CRI: **90** EFFICACY: **76** CCT: **4000K** SPACING CRITERIA: **0.52**

Candle Power Distribution (Candelas)



Cone of Light			
2	1335 fc	0.9 ft	0.9 ft
4	354 fc	1.7 ft	1.7 ft
6	154 fc	2.5 ft	2.5 ft
8	86 fc	3.4 ft	3.4 ft
10	56 fc	4.2 ft	4.2 ft
12	38.6 fc	5.1 ft	5 ft
(FT.)Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	863.52	63.50	63.50
0-30	1164.2	85.60	85.60
0-40	1288.5	94.70	94.70
0-60	1349.27	99.20	99.20
0-80	1359.52	99.90	99.90
0-90	1359.54	99.90	99.90

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	14760	16875	24427
55	8642	8695	11685
65	5508	5986	7257
75	26	40	1323
85	79	79	79

Lumens Per Zone

Zone	Lumens
0-10	319.88
10-20	543.64
20-30	300.68
30-40	124.29
40-50	43.12
50-60	17.66
60-70	8.58
70-80	1.66
80-90	0.03

Candela Tabulation

	0
0	3858.31
5	3034.44
15	1158.11
25	351.09
35	111.58
45	30.49
55	14.48
65	6.80
75	0.02
85	0.02
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW	80%				70%				50%			30%			10%			0%
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
	2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
	3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86
	4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82
	5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78
	6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75
	7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72
	8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69
	9	84	76	71	68	83	76	71	68	75	70	68	74	70	67	73	70	67	66
	10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64

RC - Ceiling Cavity Reflectance