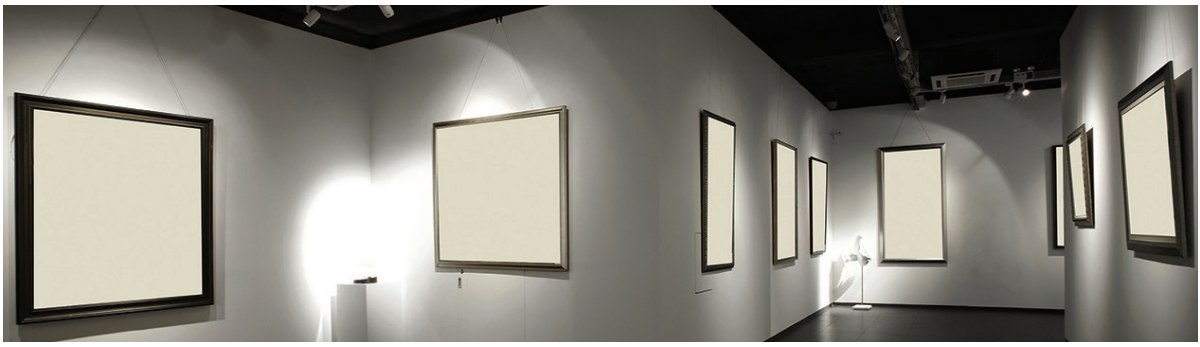
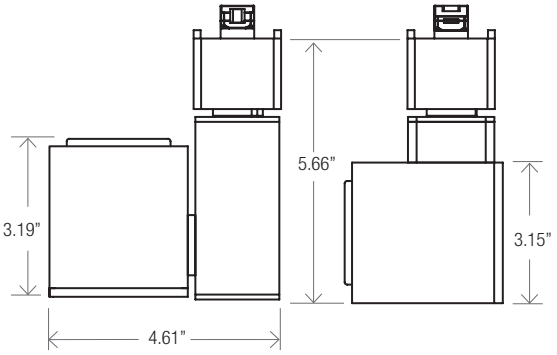
elite LED LIGHTING
By Elite Lighting

ET-LED-344
ARCHITECTURAL LED TRACK HEAD

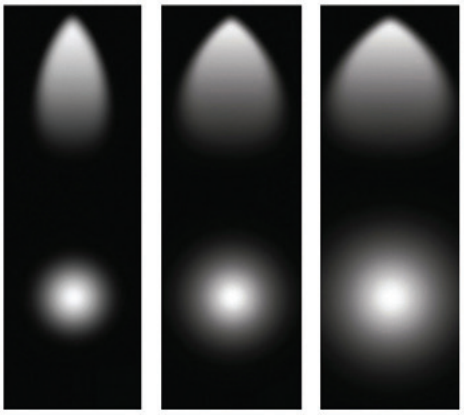




FEATURES

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.

OPTICS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2000	1950	29.4 W

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

LUMENS	2000
CCT	30K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	SP (Spot), NFL (Narrow Flood), FL (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

Intertek

PROUDLY ASSEMBLED in AMERICA

QUICKSHIP CONSULT FACTORY

5 YEARS LIMITED WARRANTY

ET-LED-344
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)

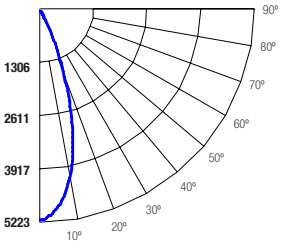
Example: **ET-LED-344-2000L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-344	❑ **2000L** - 2000 lumens	❑ **DIMTR-120**	❑ **30K-90**	❑ **SP** - Spot 15° ❑ **NFL** - Narrow Flood 24°-25° ❑ **FL** - Flood 36°-38°	❑ **AWH** - Architectural White ❑ **ABK** - Architectural Black

ET-LED-344-2000L-DIMTR-120-30K-90-FL-AWH TEST NO.: **EL1018103**

INPUT WATTS: **29.4** LUMENS: **1950** CRI: **90** EFFICACY: **66** CCT: **3000K** SPACING CRITERIA: **0.56**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	18.1 fc	10.8 ft
8.0	4.52 fc	21.6 ft
12.0	2.01 fc	32.4 ft
16.0	1.13 fc	43.2 ft
20.0	0.72 fc	54 ft
24.0	0.5 fc	64.8 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1323.67	67.90	67.90
0-30	1774.51	91.00	91.00
0-40	1861.55	95.50	95.50
0-60	1926.85	98.80	98.80
0-80	1947.65	99.90	99.90
0-90	1949.84	100.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	11575	11107	18676
55	10160	9048	8689
65	8004	7148	6293
75	3327	3851	4689
85	1785	6108	7390

Lumens Per Zone

Zone	Lumens
0-10	452.03
10-20	871.64
20-30	450.84
30-40	87.03
40-50	40.99
50-60	24.31
60-70	14.90
70-80	5.90
80-90	2.19

Candela Tabulation

	0
0	5222.72
5	4938.01
15	3267.29
25	908.13
35	88.28
45	37.36
55	26.60
65	15.44
75	3.93
85	0.71
90	0.08

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

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

RC *- Ceiling Cavity Reflectance* ***RW*** *- Wall Reflectance*