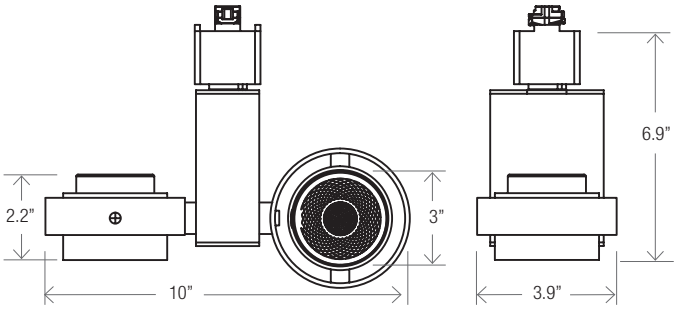
elite LED LIGHTING
By Elite Lighting

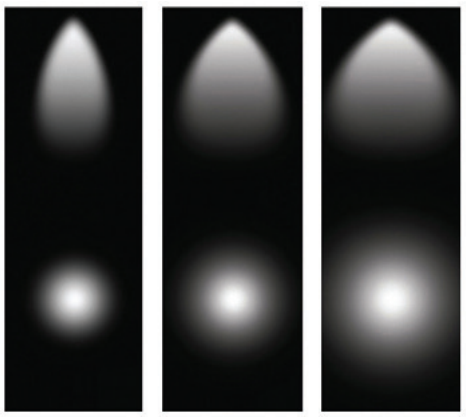
ET-LED-314
ARCHITECTURAL LED TRACK HEAD



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
2500	2592	37 W

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

LUMENS	2500
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-314
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.

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)

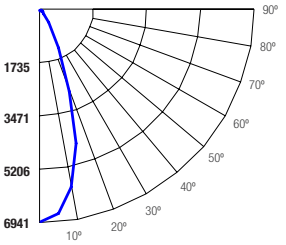
Example: **ET-LED-314-2500L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-314	❑ **2500L** - 2500 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-314-2500L-DIMTR-120-30K-90-FL-AWH TEST NO.: **EL1018107**

INPUT WATTS: **37** LUMENS: **2592** CRI: **90** EFFICACY: **70** CCT: **3000K** SPACING CRITERIA: **0.56**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	24 fc	10.6 ft
8.0	6 fc	21.2 ft
12.0	2.67 fc	31.7 ft
16.0	1.5 fc	42.3 ft
20.0	0.96 fc	52.9 ft
24.0	0.67 fc	63.5 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	1732.05	68.10	66.80
0-30	2330.84	91.60	89.90
0-40	2461.73	96.80	95.00
0-60	2555.11	100.50	98.60
0-80	2588.64	101.80	99.90
0-90	2592.47	101.90	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	18574	19063	30396
55	15159	14713	14472
65	12171	11881	11897
75	8346	8261	10335
85	3846	11412	14302

Lumens Per Zone

Zone	Lumens
0-10	598.68
10-20	1133.38
20-30	598.78
30-40	130.90
40-50	57.92
50-60	35.46
60-70	22.67
70-80	10.86
80-90	3.83

Candela Tabulation

	0
0	6941.08
5	6696.05
15	4527.83
25	1363.05
35	158.30
45	59.95
55	39.69
65	23.48
75	9.86
85	1.53
90	0.18

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	121	121	121	121	119	119	119	119	113	113	113	108	108	108	104	104	104	102
	1	117	114	112	110	114	112	110	108	108	106	105	104	103	102	101	100	99	97
	2	112	108	104	101	110	106	103	100	103	100	98	100	98	96	97	95	94	92
	3	108	102	98	94	106	101	97	94	98	95	92	96	93	91	93	91	89	88
	4	103	97	92	89	102	96	92	88	94	90	87	92	89	86	90	87	85	84
	5	100	93	88	84	98	92	87	84	90	86	83	88	85	82	87	84	82	80
	6	96	89	84	80	95	88	83	80	86	82	79	85	82	79	84	81	78	77
	7	93	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74
	8	89	82	77	73	88	81	76	73	80	76	73	79	75	73	78	75	72	71
	9	86	79	74	70	86	78	73	70	77	73	70	76	73	70	76	72	70	69
	10	84	76	71	68	83	75	71	68	75	70	68	74	70	67	73	70	67	66

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