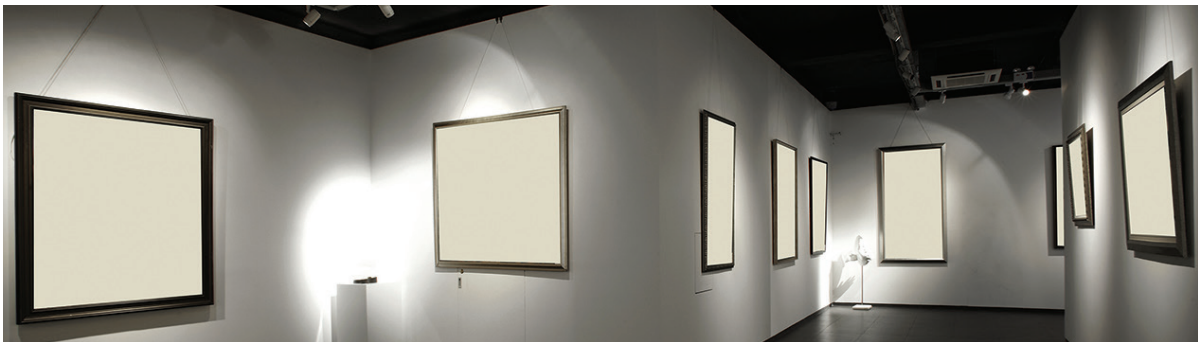
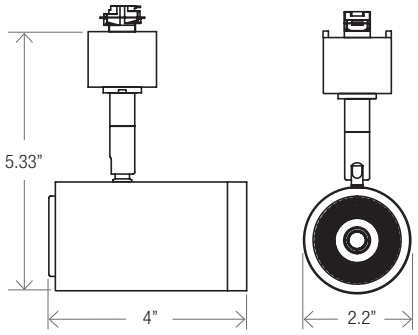
elite LED LIGHTING
By Elite Lighting

ET-LED-351
ARCHITECTURAL LED TRACK HEAD

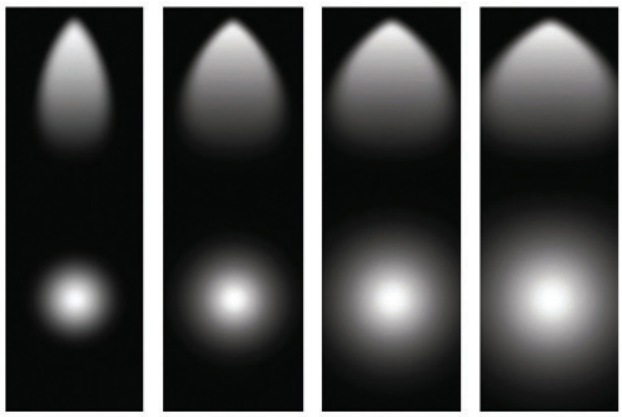




FEATURES

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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200	1121	14.7 W

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

LUMENS	1200
CCT	30K
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

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

ET-LED-351
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)

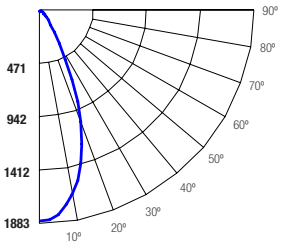
Example: **ET-LED-351-1200L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-351	❑ **1200L** - 1200 lumens	❑ **DIMTR-120**	❑ **30K-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-351-1200L-DIMTR-120-30K-90-FL-AWH TEST NO.: **EL111815**

INPUT WATTS: **14.7** LUMENS: **1121** CRI: **90** EFFICACY: **76** CCT: **3000K** SPACING CRITERIA: **0.70**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	6.52 fc	14.1 ft
8.0	1.63 fc	28.2 ft
12.0	0.72 fc	42.3 ft
16.0	0.41 fc	56.5 ft
20.0	0.26 fc	70.6 ft
24.0	0.18 fc	84.7 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	562.98	50.40	50.20
0-30	892.61	79.90	79.60
0-40	1029.58	92.10	91.90
0-60	1105.35	98.90	98.60
0-80	1118.68	100.10	99.80
0-90	1120.77	100.30	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	36186	43538	98604
55	12738	19172	24515
65	7986	10314	16009
75	9299	10663	9775
85	9942	14912	15526

Lumens Per Zone

Zone	Lumens
0-10	169.93
10-20	393.06
20-30	329.62
30-40	136.97
40-50	57.39
50-60	18.38
60-70	8.66
70-80	4.68
80-90	2.09

Candela Tabulation

	0
0	1883.04
5	1835.92
15	1418.29
25	684.72
35	152.94
45	47.84
55	13.66
65	6.31
75	4.50
85	1.62
90	0.05

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	117	117	117	117	111	111	111	107	107	107	102	102	102	100
	1	114	111	109	107	112	109	107	105	105	103	102	101	100	99	98	97	96	94
	2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	93	92	90	88
	3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	87	84	83
	4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78
	5	95	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74
	6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	74	71	69
	7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66
	8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62
	9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59
	10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	56

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

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