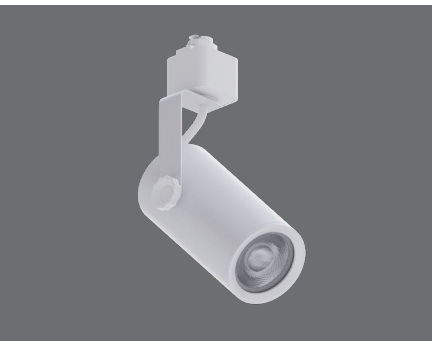
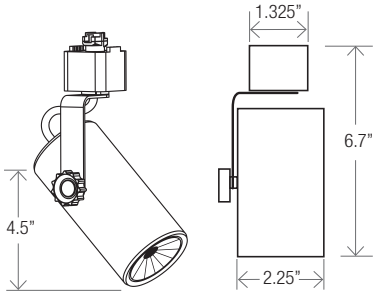
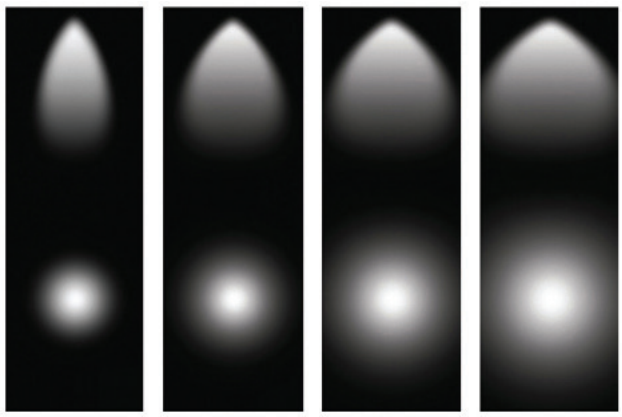
elite LED LIGHTING
By Elite Lighting

ET-LED-322
ARCHITECTURAL LED TRACK HEAD





OPTICS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
800	816	9.6 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.It is the perfect complement for retail merchandising, galleries, museums, supermarkets, hospitality, and commercial.

LUMENS	800
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

Intertek

PROUDLY ASSEMBLED in AMERICA

QUICKSHIP CONSULT FACTORY

5 YEARS LIMITED WARRANTY

ET-LED-322
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)

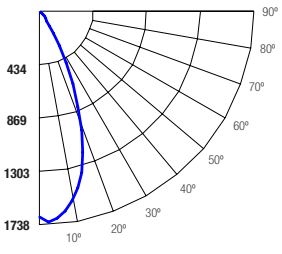
Example: **ET-LED-322-800L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-322	❑ **800L** - 800 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-322-800L-DIMTR-120-30K-90-WFL-AWH TEST NO.: **EL0217105**

INPUT WATTS: **9.6** LUMENS: **816** CRI: **90** EFFICACY: **85** CCT: **3000K** SPACING CRITERIA: **0.62**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	106 fc	2.8 ft
8.0	26.5 fc	5.7 ft
12.0	11.8 fc	8.5 ft
16.0	6.63 fc	11.3 ft
20.0	4.25 fc	14.1 ft
24.0	2.95 fc	17 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	471.30	58.00	57.80
0-30	686.36	84.50	84.20
0-40	755.96	93.00	92.70
0-60	798.34	98.30	97.90
0-80	806.21	99.20	98.90
0-90	806.62	99.30	98.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	24641	23595	21518
55	12772	11755	9530
65	6680	6365	5318
75	4251	3903	3026
85	2920	2516	1572

Lumens Per Zone

Zone	Lumens
0-10	150.30
10-20	321.00
20-30	215.06
30-40	69.59
40-50	29.28
50-60	13.10
60-70	5.68
70-80	2.19
80-90	0.41

Candela Tabulation

	0
0	1698.552
5	1710.380
15	1371.990
25	659.070
35	142.410
45	44.500
55	18.710
65	7.210
75	2.810
85	0.650
90	0.040

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	101	101	101	99
	1	114	112	109	107	112	109	107	106	105	104	102	101	100	99	98	97	96	94
	2	109	105	101	98	107	103	100	97	100	97	95	97	94	93	94	92	90	89
	3	105	99	94	91	103	97	93	90	95	91	88	92	89	87	90	88	86	84
	4	100	93	89	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
	5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	83	79	77	76
	6	92	84	79	75	91	83	79	75	82	78	74	81	77	74	79	76	73	72
	7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	73	70	69
	8	85	77	72	68	84	76	71	68	75	71	67	74	70	67	73	69	67	66
	9	82	73	68	65	81	73	68	65	72	68	64	71	67	64	70	67	64	63
	10	79	70	65	62	78	70	65	62	69	65	62	68	64	61	68	64	61	60

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