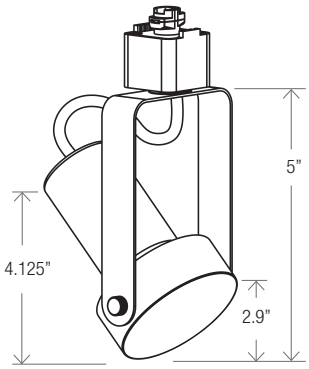
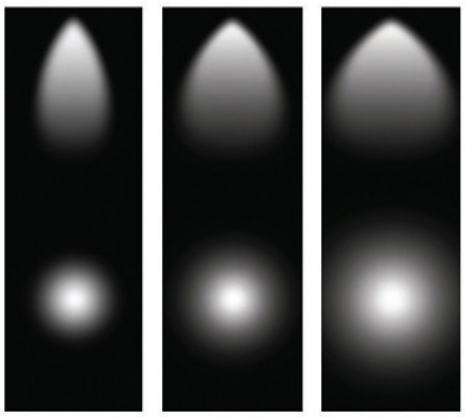
elite LED LIGHTING
By Elite Lighting

ET-LED-212
LED GIMBAL TRACK HEAD



OPTICS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
800	835	11 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	800
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-212
LED GIMBAL 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)

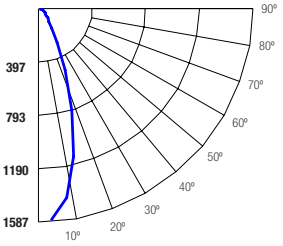
Example: **ET-LED-212-800L-DIMTR-120-30K-90–FL-AWH**

SERIES	LUMENS	DIMMING	BBS.BQH	OPTICS	COLOR
ET-LED-212	❑ **800L** - 800 lumens	❑ **DIMTR-120**	❑ **30K-90**	❑ **SP** - Spot 12° ❑ **NFL** - Narrow Flood 24º-25° ❑ **FL** - Flood 36°-38º	❑ **AWH** - Architectural White ❑ **ABK** - Architectural Black

ET-LED-212-800L-DIMTR-120-30K-90-FL-AWH TEST NO.: **EL0818122**

INPUT WATTS: **11.3** LUMENS: **835** CRI: **90** EFFICACY: **74** CCT: **3000K** SPACING CRITERIA: **0.58**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	5.42 fc	10.4 ft
8.0	1.35 fc	20.8 ft
12.0	0.6 fc	31.2 ft
16.0	0.34 fc	41.5 ft
20.0	0.22 fc	52 ft
24.0	0.15 fc	62.4 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	382.90	46.50	45.90
0-30	559.19	67.90	67.00
0-40	655.31	79.50	78.50
0-60	768.80	93.30	92.10
0-80	827.20	100.40	99.10
0-90	834.53	101.30	100.00

Luminance (Average candela/M^2)

Angle in Degrees	Average 0º	Average 45º	Average 90º
45	59505	57609	60309
55	47124	46438	42011
65	46602	43519	40067
75	46844	43311	39027
85	44521	46260	41314

Lumens Per Zone

Zone	Lumens
0-10	131.69
10-20	251.22
20-30	176.29
30-40	96.12
40-50	65.82
50-60	47.68
60-70	36.30
70-80	22.09
80-90	7.33

Candela Tabulation

	0
0	1565.94
5	1586.55
15	1138.76
25	501.87
35	172.40
45	88.81
55	57.05
65	41.57
75	25.59
85	8.19
90	0.13

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	118	118	118	118	113	113	113	108	108	108	103	103	103	101
	1	114	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	92
	2	107	102	97	93	105	100	96	92	96	93	90	93	90	88	91	88	86	84
	3	101	94	88	84	99	93	87	83	90	85	82	87	84	81	85	82	79	78
	4	96	88	81	77	94	86	81	76	84	79	75	82	78	74	80	77	74	72
	5	91	82	76	71	89	81	75	71	79	74	70	77	73	69	76	72	69	67
	6	87	77	71	66	85	76	70	66	75	69	65	73	69	65	72	68	65	63
	7	83	73	66	62	81	72	66	62	71	65	62	70	65	61	68	64	61	59
	8	79	69	63	58	78	68	62	58	67	62	58	66	61	58	65	61	58	56
	9	76	66	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53
	10	72	63	57	53	71	62	56	53	61	56	52	60	56	52	60	55	52	51

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