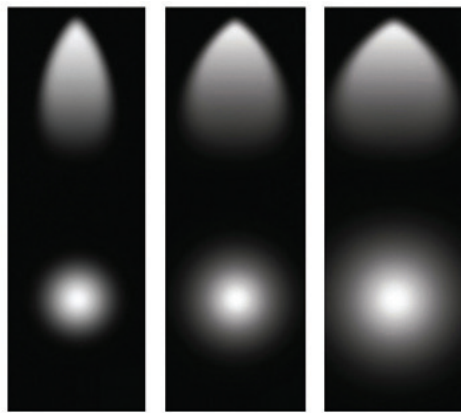


**FEATURES**

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**



<b>SP</b> Spot 15°	<b>NFL</b> Narrow Flood 24°, 25°	<b>FL</b> Flood 36°, 38°
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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



**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-314-2500L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
<b>ET-LED-314</b>	<input type="checkbox"/> <b>2500L</b> - 2500 lumens	<input type="checkbox"/> <b>DIMTR-120</b>	<input type="checkbox"/> <b>30K-90</b>	<input type="checkbox"/> <b>SP</b> - Spot 15° <input type="checkbox"/> <b>NFL</b> - Narrow Flood 24°-25° <input type="checkbox"/> <b>FL</b> - Flood 36°-38°	<input type="checkbox"/> <b>AWH</b> - Architectural White <input type="checkbox"/> <b>ABK</b> - Architectural Black

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

TEST NO.: **EL1018107**

INPUT WATTS: **37**

LUMENS: **2592**

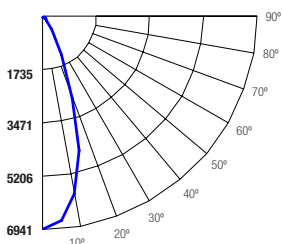
CRI: **90**

EFFICACY: **70**

CCT: **3000K**

SPACING CRITERIA: **0.56**

**Candle Power Distribution (Candelas)**



**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/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	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**

θ	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

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	0	121	121	121	121	119	119	119	119	113	113	113	108	108	108	104	104	104	104	104	104	102			
1	1	117	114	112	110	114	112	110	108	108	106	105	104	103	102	101	100	99	99	99	97	97			
2	2	112	108	104	101	110	106	103	100	103	100	98	100	98	96	97	95	94	94	94	92	92			
3	3	108	102	98	94	106	101	97	94	98	95	92	96	93	91	93	91	89	88	88	88	88			
4	4	103	97	92	89	102	96	92	88	94	90	87	92	89	86	90	87	85	84	84	84	84			
5	5	100	93	88	84	98	92	87	84	90	86	83	88	85	82	87	84	82	80	80	80	80			
6	6	96	89	84	80	95	88	83	80	86	82	79	85	82	79	84	81	78	77	77	77	77			
7	7	93	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74	74			
8	8	89	82	77	73	88	81	76	73	80	76	73	79	75	73	78	75	72	71	71	71	71			
9	9	86	79	74	70	86	78	73	70	77	73	70	76	73	70	76	72	70	69	69	69	69			
10	10	84	76	71	68	83	75	71	68	75	70	68	74	70	67	73	70	67	66	66	66	66			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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.