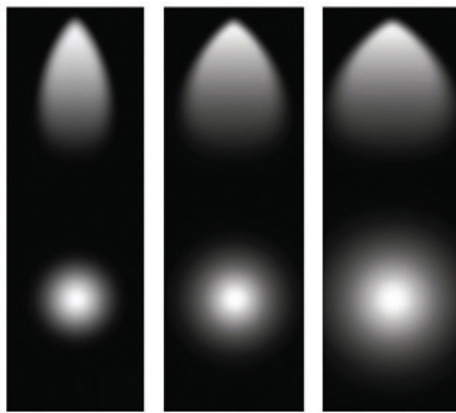


**FEATURES**

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	2623	37.6 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-354-2500L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	OPTICS	CCT/CRI	COLOR
<b>ET-LED-354</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 12° <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-354-2500L-DIMTR-120-30K-90-FL-ABK**

TEST NO.: **EL1018101**

INPUT WATTS: **37.6**

LUMENS: **2623**

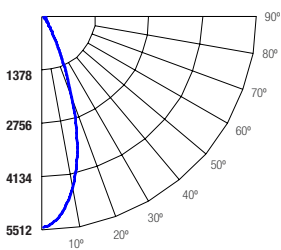
CRI: **90**

EFFICACY: **70**

CCT: **3000K**

SPACING CRITERIA: **0.64**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	1541.07	58.70	58.70
0-30	2268.23	86.50	86.50
0-40	2485.55	94.70	94.70
0-60	2596.64	99.00	99.00
0-80	2620.43	99.90	99.90
0-90	2623.31	100.00	100.00

**Luminance (Average candela/M<sup>2</sup>)**

Angle in Degrees	Average		
	0°	45°	90°
45	17706	20299	74809
55	10431	12062	14193
65	6666	8014	10098
75	4232	5629	7203
85	1282	8571	10633

**Lumens Per Zone**

Zone	Lumens
0-10	488.68
10-20	1052.39
20-30	727.16
30-40	217.32
40-50	80.59
50-60	30.51
60-70	16.43
70-80	7.35
80-90	2.88

**Candela Tabulation**

θ	0
0	5478.61
5	5184.76
15	3526.69
25	1111.56
35	149.69
45	57.15
55	27.31
65	12.86
75	5.00
85	0.51
90	0.11

**Coefficients of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance 0.20

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	119	119	119	119	116	116	116	116	111	111	102	106	106	106	102	102	102	102	102	102	100	
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	96	95	
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	91	90	90	
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	86	85	85	
4	100	94	89	85	99	93	88	85	91	87	84	89	86	83	87	84	82	81	82	81	81	
5	96	89	84	80	95	88	83	80	86	82	79	85	81	79	83	80	78	77	78	77	77	
6	93	85	80	76	91	84	79	76	83	78	75	81	78	75	80	77	74	73	74	73	73	
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	70	71	70	70	
8	86	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67	68	67	67	
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	65	64	64	
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	68	65	62	61	62	61	61	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light		
4.0	19 fc	12.4 ft
8.0	4.74 fc	24.9 ft
12.0	2.11 fc	37.3 ft
16.0	1.18 fc	49.7 ft
20.0	0.76 fc	62.1 ft
24.0	0.53 fc	74.6 ft

Distance to Plane      Initial Footcandle at Nadir      Beam diameter

BEAM DIA. MEASURED AT 50% OF NADIR F.C.