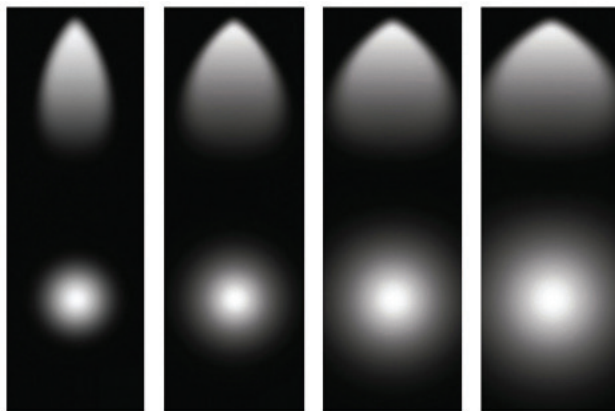


FEATURES

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 Spot 15°	NFL Narrow Flood 24°, 25°	FL Flood 36°, 38°	WFL Wide Flood 60°
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NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	936	12.2 W

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

LUMENS	1000
CCT	30K, 40K
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



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)

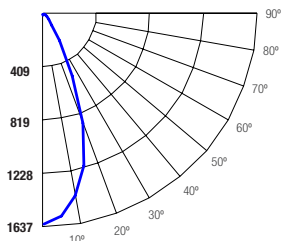
Example: **ET-LED-334-1000L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
ET-LED-334	<input type="checkbox"/> 1000L - 1000 lumens	<input type="checkbox"/> DIMTR-120	<input type="checkbox"/> 30K-90 <input type="checkbox"/> 40K-90	<input type="checkbox"/> SP - Spot 15° <input type="checkbox"/> NFL - Narrow Flood 24°-25° <input type="checkbox"/> FL - Flood 36°-38° <input type="checkbox"/> WFL - Wide Flood 60°	<input type="checkbox"/> AWH - Architectural White <input type="checkbox"/> ABK - Architectural Black

ET-LED-334-1000L-DIMTR-120-30K-90-FL-AWH

INPUT WATTS: **12.2** LUMENS: **936** CRI: **90** EFFICACY: **77** CCT: **3000K** TEST NO.: **EL1018112** SPACING CRITERIA: **0.68**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	486.94	52.70	52.00
0-30	756.40	81.80	80.90
0-40	861.07	93.10	92.00
0-60	915.69	99.10	97.90
0-80	932.68	100.90	99.70
0-90	935.54	101.20	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	7798	9645	18756
55	4816	5286	5553
65	4795	4779	5433
75	5561	5832	5527
85	4600	7038	6762

Lumens Per Zone

Zone	Lumens
0-10	147.70
10-20	339.24
20-30	269.46
30-40	104.67
40-50	40.27
50-60	14.35
60-70	9.95
70-80	7.05
80-90	2.86

Candela Tabulation

Zone	Lumens	Candela
0	0	1637.45
5	5	1576.76
15	15	1223.91
25	25	532.59
35	35	110.04
45	45	25.17
55	55	12.61
65	65	9.25
75	75	6.57
85	85	1.83
90	90	0.05

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%	30%	10%	0%		
0	120	120	120	120	118	118	118	118	112	112	112	108	108	108	108	108	108	103	103	103	103	97	97	95		
1	115	112	110	108	113	110	108	106	106	104	103	102	101	100	99	98	98	98	98	98	98	91	91	89		
2	110	105	101	98	108	103	100	97	100	97	95	97	95	93	94	92	91	91	91	91	85	85	84	84		
3	105	99	94	90	103	97	93	89	95	91	88	92	89	87	90	87	85	84	84	84	80	80	79	79		
4	100	93	88	84	98	92	87	83	90	85	82	88	84	81	86	83	80	79	79	79	76	76	74	74		
5	96	88	82	78	94	87	82	78	85	81	77	83	80	77	82	79	76	74	74	74	72	72	71	71		
6	91	83	78	74	90	82	77	73	81	76	73	80	75	72	78	75	72	71	71	71	68	67	67	67		
7	88	79	73	69	86	78	73	69	77	72	69	76	72	69	75	71	68	67	67	67	65	64	64	64		
8	84	75	70	66	83	75	69	66	74	69	65	73	68	65	72	68	65	64	64	64	62	61	61	61		
9	81	72	66	63	80	71	66	62	70	66	62	69	65	62	69	65	62	61	61	61	60	59	59	59		
10	77	68	63	60	76	68	63	59	67	63	59	66	62	59	66	62	59	58	58	58	57	56	56	56		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	5.67 fc	13.7 ft
8.0	1.42 fc	27.4 ft
12.0	0.63 fc	41.1 ft
16.0	0.35 fc	54.8 ft
20.0	0.23 fc	68.5 ft
24.0	0.16 fc	82.2 ft

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