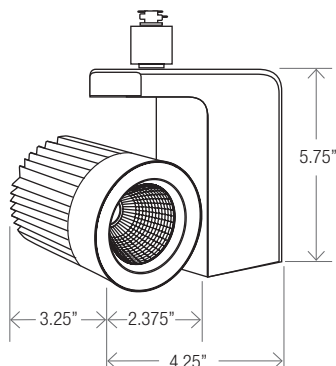
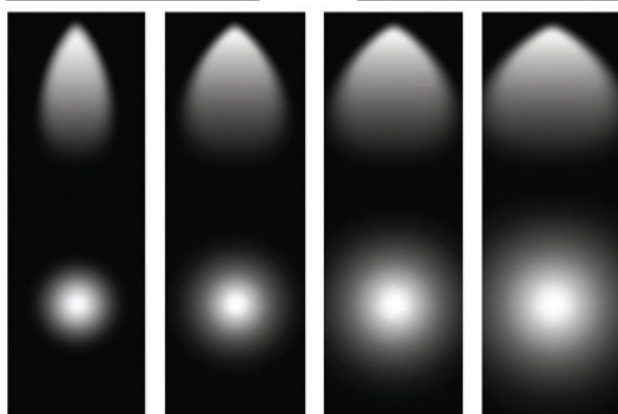




OPTICS



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

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	955	15.5 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	1000
CCT	27K, 30K, 35K, 40K, 50K
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 multi-segmented reflector allows for precise beam control, and offers field changeable optics in Spot, Flood, and Wide Flood, 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-381-1000L-DIMTR-120-FL-30K-90-AWH**

SERIES	LUMENS	DIMMING	OPTICS	CCT	CRI	COLOR
ET-LED-381	 1000L - 1000 lumens	 DIMTR-120	 SP - Spot 15°  NFL - Narrow Flood 24°-25°  FL - Flood 36°-38°  WFL - Flood 60°	 27K  30K  35K  40K  50K	90	 AWH - Architectural White  ABK - Architectural Black

ET-LED-381-1000L-DIMTR-120-WFL-30K-90

INPUT WATTS: **15.5045**

LUMENS: **955**

CRI: **90**

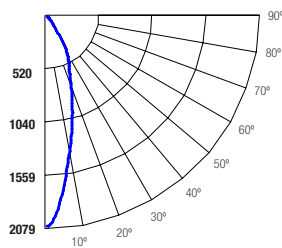
EFFICACY: **62**

CCT: **4000K**

TEST NO.: **EL011950-ET**

SPACING CRITERIA: **0.62**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	478.72	50.10	50.10
0-30	757.50	79.30	79.30
0-40	921.02	96.40	96.40
0-60	953.52	99.80	99.80
0-80	954.34	99.90	99.90
0-90	954.35	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

Lumens Per Zone

Zone	Lumens
0-10	166.46
10-20	312.26
20-30	278.78
30-40	163.52
40-50	26.85
50-60	5.65
60-70	0.79
70-80	0.02
80-90	0.02

Candela Tabulation

0	
0	2053.52
5	1751.04
15	1006.93
25	527.00
35	174.07
45	18.87
55	4.17
65	0.32
75	0.03
85	0.01
90	0.01

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%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	102	102	102	102	100	100	100	100
1	114	111	109	107	107	112	109	107	105	105	105	104	102	102	100	99	98	97	96	96	94	94	94	94
2	109	105	101	98	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	89	89	89	89	89
3	104	98	94	90	90	102	97	93	90	94	91	88	92	89	87	90	87	85	84	84	84	84	84	84
4	100	93	88	84	84	98	92	87	83	90	86	83	88	84	82	86	83	81	79	79	79	79	79	79
5	95	88	82	79	79	94	87	82	78	85	81	78	83	80	77	82	79	76	75	75	75	75	75	75
6	91	83	78	74	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71	71	71	71	71	71
7	87	79	73	70	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67	67	67	67	67	67
8	84	75	70	66	66	82	74	69	66	73	69	66	72	68	65	72	68	65	64	64	64	64	64	64
9	80	71	66	63	79	71	66	62	70	66	62	69	65	62	68	65	62	61	61	61	61	61	61	61
10	77	68	63	60	76	68	63	59	67	62	59	66	62	59	66	62	59	62	59	58	58	58	58	58

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance