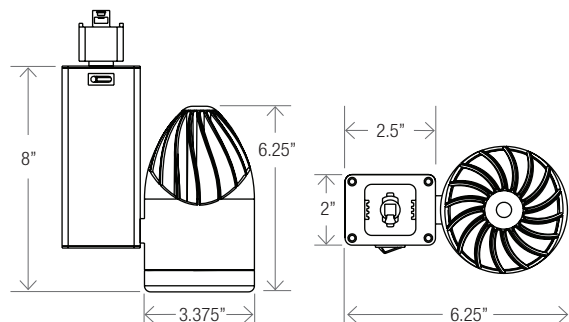
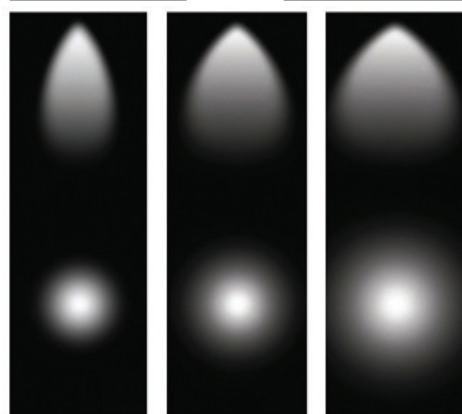




OPTICS



SP
Spot
15°

NFL
Narrow Flood
24°, 25°

FL
Flood
36°, 38°

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
900	972	11 W
1200	1209	15 W
2000	1987	24 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	900 / 1200 / 2000
CCT	27K, 30K, 35K, 40K, 50K
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

The reflector has a 45~DEG cutoff, and is shipped standard with a Solite lens in a smooth frosted finish. It is spun from 0.05" thick aluminum, has a 1-step anodized finish, and is available in different colors or custom RAL finishes. Reflector trim options include self-flanged and white painted flange.

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

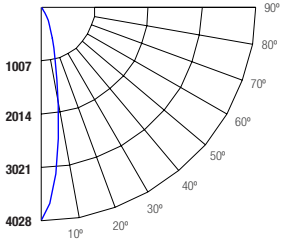
DIMTR – Electronic constant current LED driver compatible with TRIAC forward-phase or leading-edge dimming. Available in 120V. Dimmable down to 1%, standard. The LED driver is rated for 50 to 60Hz at 120V input, produces less than 20%THD, and has a power factor between 90% and 100%, and is thermally protected for additional safety. Please consult factory for 277V, or 0-10V dimming options.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

Example: **ET-LED-374-2000L-DIMTR-120-FL-30K-90-AWH**

SERIES	LUMENS	DIMMING	OPTICS	CCT	CRI	COLOR
ET-LED-374	☐ 900L - 900 lumens	☐ DIMTR-120	☐ SP - Spot 15°	☐ 27K	90	☐ AWH - Architectural White
	☐ 1200L - 1200 lumens		☐ NFL - Narrow Flood 24°-25°	☐ 30K		☐ ABK - Architectural Black
	☐ 2000L - 2000 lumens		☐ FL - Flood 36°-38°	☐ 35K		
				☐ 40K		
				☐ 50K		

ET-LED-374-900L-DIMTR-120-40K-90-SP-WHTEST NO.: **EL-101544**INPUT WATTS: **12.4**LUMENS: **894**CRI: **90**EFFICACY: **72**CCT: **4000K**SPACING CRITERIA: **0.40****Candle Power Distribution (Candelas)**

Cone of Light			
2	991	0.7	0.8
4	248	1.4	1.5
6	110	2.1	2.3
8	61.9	2.9	3
10	39.6	3.6	3.8
12	27.5	4.3	4.5
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	605.02	N.A.	67.70
0-30	788.65	N.A.	88.20
0-40	854.55	N.A.	95.60
0-60	884.39	N.A.	98.90
0-80	892.73	N.A.	99.90
0-90	894.03	N.A.	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3943	4711	10655
55	2122	2345	2089
65	1886	1782	1850
75	1963	1846	1764
85	1524	2639	2552

Lumens Per Zone

Zone	Lumens
0-10	269.43
10-20	335.59
20-30	183.64
30-40	65.89
40-50	22.42
50-60	7.42
60-70	5.07
70-80	3.27
80-90	1.30

Candela Tabulation

0	0
3964.756	0
3729.064	5
1401.664	15
471.087	25
106.456	35
18.328	45
8.001	55
5.238	65
3.339	75
0.873	85
0.031	90

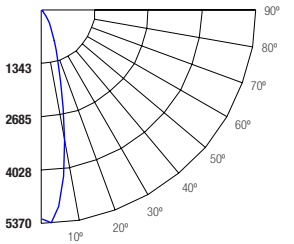
Coefficients of Utilization - Zonal Cavity Method

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

ET-LED-374-1200L-DIMTR-120-40K-90-SP-WHTEST NO.: **EL-101544**INPUT WATTS: **15.1**LUMENS: **1192**CRI: **90**EFFICACY: **79**CCT: **4000K**SPACING CRITERIA: **0.40****Candle Power Distribution (Candelas)**

Cone of Light			
2	1322	0.7	0.8
4	330	1.4	1.5
6	147	2.1	2.3
8	82.6	2.9	3
10	52.9	3.6	3.8
12	36.7	4.3	4.5
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	806.69	N.A.	67.70
0-30	1051.54	N.A.	88.20
0-40	1139.4	N.A.	95.60
0-60	1179.19	N.A.	98.90
0-80	1190.3	N.A.	99.90
0-90	1192.04	N.A.	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5258	6282	14207
55	2830	3127	2785
65	2514	2376	2467
75	2617	2462	2352
85	2032	3519	3404

Lumens Per Zone

Zone	Lumens
0-10	359.24
10-20	447.45
20-30	244.85
30-40	87.85
40-50	29.90
50-60	9.90
60-70	6.76
70-80	4.36
80-90	1.74

Candela Tabulation

0	0
5286.342	0
4972.086	5
1868.886	15
628.116	25
141.942	35
24.438	45
10.668	55
6.984	65
4.452	75
1.164	85
0.042	90

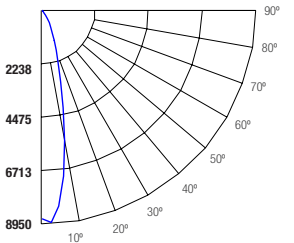
Coefficients of Utilization - Zonal Cavity Method

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%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	100	102	102	100
	1	114	112	110	108	112	110	108	106	106	104	103	103	102	101	100	99	98	98	97	95	98	97	95	95
	2	110	106	103	100	108	104	101	99	101	99	97	97	98	96	95	96	94	93	93	91	94	93	91	91
	3	106	101	97	94	104	99	96	93	97	94	91	91	95	92	90	92	90	89	87	87	89	87	87	87
	4	102	96	92	88	101	95	91	88	93	90	87	87	91	88	86	89	87	85	84	85	84	82	84	84
	5	99	92	87	84	97	91	87	84	89	86	83	83	88	85	82	86	84	82	80	82	80	78	78	78
	6	95	88	84	80	94	88	83	80	86	82	79	79	85	81	79	84	81	78	77	77	77	75	75	75
	7	92	85	80	77	91	84	80	77	83	79	76	76	82	79	76	81	78	76	74	74	73	72	72	72
	8	89	82	77	74	88	81	77	74	80	76	73	73	79	76	73	78	75	73	72	72	70	69	69	69
	9	86	79	74	71	85	78	74	71	78	74	71	71	77	73	71	76	73	70	69	69	68	67	67	67
	10	84	76	72	69	83	76	72	69	75	71	69	69	75	71	68	74	71	68	67	67	67	67	67	67

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

ET-LED-374-2000L-DIMTR-120-40K-90-SP-WHTEST NO.: **EL-101544**INPUT WATTS: **24.1**LUMENS: **1987**CRI: **90**EFFICACY: **82**CCT: **4000K**SPACING CRITERIA: **0.40****Candle Power Distribution (Candelas)**

Cone of Light			
2	2203	0.7	0.8
4	551	1.4	1.5
6	245	2.1	2.3
8	138	2.9	3
10	88.1	3.6	3.8
12	61.2	4.3	4.5
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1344.49	N.A.	67.70
0-30	1752.57	N.A.	88.20
0-40	1898.99	N.A.	95.60
0-60	1965.32	N.A.	98.90
0-80	1983.84	N.A.	99.90
0-90	1986.74	N.A.	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	8763	10469	23678
55	4716	5212	4642
65	4190	3960	4111
75	4362	4103	3921
85	3386	5865	5673

Lumens Per Zone

Zone	Lumens
0-10	598.74
10-20	745.75
20-30	408.08
30-40	146.42
40-50	49.83
50-60	16.50
60-70	11.26
70-80	7.26
80-90	2.90

Candela Tabulation

0	0
8810.57	0
8286.81	5
3114.81	15
1046.86	25
236.57	35
40.73	45
17.78	55
11.64	65
7.42	75
1.94	85
0.07	90

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC		80%				70%				50%				30%				10%			
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