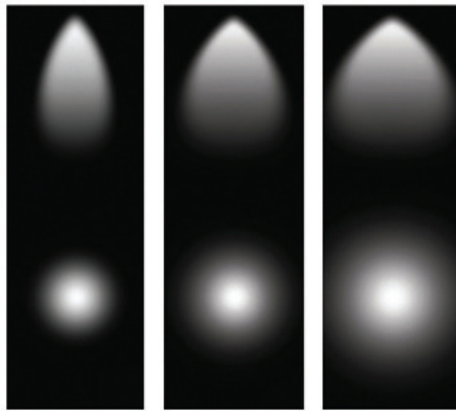


**OPTICS**



<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
2000	1882	28 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	2000
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-353-2000L-DIMTR-120-30K-90-FL-AWH**

SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR
<b>ET-LED-353</b>	<input checked="" type="checkbox"/> <b>2000L</b> - 2000 lumens	<input checked="" type="checkbox"/> <b>DIMTR-120</b>	<input checked="" 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 checked="" type="checkbox"/> <b>AWH</b> - Architectural White <input type="checkbox"/> <b>ABK</b> - Architectural Black

**ET-LED-353-2000L-DIMTR-120-30K-90-FL-AWH**

TEST NO.: **EL101898**

INPUT WATTS: **28**

LUMENS: **1882**

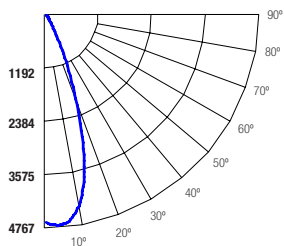
CRI: **90**

EFFICACY: **67**

CCT: **3000K**

SPACING CRITERIA: **0.58**

**Candle Power Distribution (Candelas)**



**Zonal Lumens Summary**

Zone	Lumens	%Lamp	%Fixt
0-20	1275.1	67.70	67.70
0-30	1718.87	91.30	91.30
0-40	1802.22	95.80	95.80
0-60	1863.14	99.00	99.00
0-80	1880.06	99.90	99.90
0-90	1882.16	100.00	100.00

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

Angle in Degrees	Average		
	0°	45°	90°
45	2069	1970	3805
55	1125	1181	1291
65	538	645	757
75	258	336	396
85	51	219	252

**Lumens Per Zone**

Zone	Lumens
0-10	423.18
10-20	851.92
20-30	443.77
30-40	83.35
40-50	39.71
50-60	21.21
60-70	11.67
70-80	5.25
80-90	2.11

**Candela Tabulation**

Q	0	5	15	25	35	45	55	65	75	85	90
4708.26											
4746.96											
3421.98											
880.70											
72.85											
43.72											
22.50											
9.82											
4.12											
0.67											
0.06											

**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	111	106	106	106	102	102	102	100	100	100	99	99		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	98	97	97	96	95	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	94	94	92	92	91	91	90	90		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87	87	86	85	85		
4	102	96	91	88	100	94	90	87	92	89	86	91	88	85	89	86	84	83	83	82	81	81		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79	79	78	77	77		
6	95	87	83	79	93	87	82	79	85	81	78	84	80	78	83	80	77	76	76	75	74	74		
7	91	84	79	76	90	83	79	75	82	78	75	81	77	75	80	77	74	73	73	72	71	71		
8	88	80	76	72	87	80	75	72	79	75	72	78	74	72	77	74	71	70	70	69	68	68		
9	85	77	73	70	84	77	73	69	76	72	69	75	72	69	75	71	69	68	68	67	66	66		
10	82	75	70	67	82	74	70	67	74	70	67	73	69	67	72	69	66	65	65	64	63	63		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

**Cone of Light**

Distance to Plane	Initial Footcandle at Nadir	Beam diameter
4.0	16.3 fc	11.3 ft
8.0	4.07 fc	22.5 ft
12.0	1.81 fc	33.8 ft
16.0	1.02 fc	45 ft
20.0	0.65 fc	56.3 ft
24.0	0.45 fc	67.6 ft

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