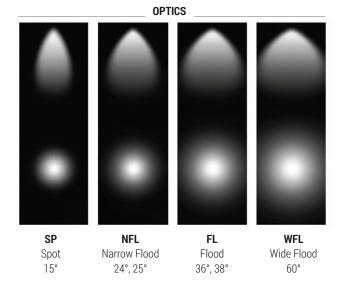


# **FEATURES**

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.



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE						
1200	1259	20 W						

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

LUMENS	1200
ССТ	30K
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-313-1200L-DIMTR-120-30K-90-FL-AWH													
SERIES	LUMENS	DIMMING	CCT/CRI	OPTICS	COLOR								
ET-LED-313	☐ 1200L - 1200 lumens	☐ DIMTR-120	<b>□</b> 30K-90	□ SP - Spot 15° □ NFL - Narrow Flood 24°-25° □ FL - Flood 36°-38° □ WFL - Wide Flood 60°	AWH - Architectural White ABK - Architectural Black								

#### ET-LED-313-1200L-DIMTR-120-30K-90-FL-AWH CRI: **90** EFFICACY: 63 CCT: 3000K INPUT WATTS: 20 LUMENS: **1259** Candle Power Distribution (Candelas) **Zonal Lumens Summary** Luminance (Average candela/M²) Lumens Per Zone Zone %Fixt Angle Zone Lumens Average Average Average 0° 803.33 45° 90° 0 - 2063.80 63.80 Degrees 0-10 281.92 0-30 1099.63 87.30 87.30 10-20 20-30 521.41 296.30 829 2727 0-40 1188.97 94.40 94 40 45 2367 4208 55 1262 1327 1469 0-60 1246.73 99 00 99 00 30-40 89.34 65 551 716 937 1657 0-80 1257.79 99 90 99 90 40-50 40 41 75 299 413 544 50-60 17.34 0-90 1259.00 100.00 100.00 720 885 60-70 8.19 70-80 2.87 80-90 Coefficients of Utilization - Zonal Cavity Method 3315 20° Effective Floor Cavity Reflectance 0.20

Cone of Light				RC 80%			70%	70%			50%			30%			10%					
4.0	11.5 fc	10.3 ft	]		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
8.0	2.87 fc	20.6 ft	] ,	0	0	119	119	119	119	116	116	116	116	111	111	111	106 102	106	106 100	102	102	102
12.0	1.27 fc	30.9 ft		A	1 2	114 110	112 105	110 102	108 99	112 108	110 104	108	106 98	106 101	104 98	103 96	102 98	101 96	100 94	99 95	98 93	97 92
16.0	0.72 fc	41.2 ft		7	3 4	105 101	100 95	96 90		103 99	98 94	95 89	91 86	96 92	93 88	90 85	94 90	91 87	89 84	91 88	89 85	87 83
20.0	0.46 fc	51.5 ft		Ϋ́	5	97 94	90 86	85 81	82 78	96 92	89 85	85 81	81 77	88 84	84 80	81 77	86 83	83 79	80 76	85 81	82 78	79 76
24.0	0.32 fc	61.8 ft		Ç	7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73
Distance to Plane	Initial Footcandle at Nadir	Beam diameter		9 10	9 10	87 84 81	79 76 73	74 71 68	71 68 65	86 83 80	79 76 73	74 71 68	71 68 65	78 75 72	73 70 68	70 67 65	77 74 71	73 70 67	70 67 65	76 73 71	72 70 67	70 67 65
BEAM DIA. ME	BEAM DIA. MEASURED AT 50% OF NADIR F.C.																					

RC - Ceiling Cavity Reflectance RW - Wall Reflectance



TEST NO.: **EL1018100** 

Candela Tabulation

0

3314.22

3240.62

1987.31

568 86

118.28

18.22

5.86

1.95

0.31

0.04

0% 0%

SPACING CRITERIA: 0.56

5 15

25 35 45

55 65

85 90