

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



VWFL
Very Wide Flood
98°

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200	1131	18 W

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

LUMENS	1200
CCT	30K, 40K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	VWFL (Very 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

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.

WARRANTY

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

Example: **ET-LED-365-1200L-DIMTR-120-VWFL-30K-90-AWH**

SERIES	LUMENS	DIMMING	OPTICS	CCT/CRI	COLOR
ET-LED-365	 1200L - 1200 lumens	 DIMTR-120	 VWFL - Very Wide Flood 98°	 30K-90	 AWH - Architectural White  ABK - Architectural Black

ET-LED-365-1200L-DIMTR-120-VWFL-30K-90-AWH

INPUT WATTS: **18.6**

LUMENS: **1131**

CRI: **90**

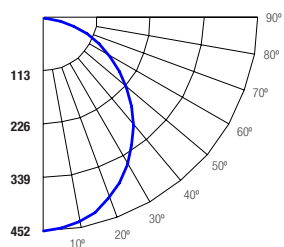
EFFICACY: **61**

CCT: **3000K**

TEST NO.: **EL1018105**

SPACING CRITERIA: **1.28**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	1.56 ft	41.6 ft
8.0	0.39 ft	83.3 ft
12.0	0.17 ft	124.9 ft
16.0	0.1 ft	166.6 ft
20.0	0.06 ft	208.2 ft
24.0	0.04 ft	249.9 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	161.65	14.30	14.30
0-30	336.44	29.80	29.70
0-40	538.12	47.60	47.60
0-60	909.96	80.50	80.40
0-80	1108.78	98.10	98.00
0-90	1131.17	100.10	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	82276	77064	74347
55	75881	70030	67425
65	68358	62236	59043
75	56729	50296	52699
85	10507	50624	54319

Lumens Per Zone

Zone	Lumens
0-10	42.42
10-20	119.23
20-30	174.79
30-40	201.68
40-50	199.33
50-60	172.51
60-70	126.74
70-80	72.08
80-90	22.39

Candela Tabulation

0	0
451.84	0
446.94	5
426.39	15
385.16	25
329.45	35
265.56	45
198.67	55
131.87	65
67.02	75
4.18	85
0.56	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%	0%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	107	107	107	102	102	102	100			
	1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84			
	2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	71			
	3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60			
	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52			
	5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45			
	6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	41	39			
	7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35			
	8	62	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31			
	9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	35	30	28			
10	54	41	33	28	53	40	33	28	39	33	28	39	32	28	38	32	27	26				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance