



ALTK-24-O

LED Track Linear Light, 4 ft



Track Linear Lighting offers a superior, energy-efficient alternative to traditional fluorescent lighting for retail, industrial, and commercial spaces. Designed for seamless integration, it effortlessly knobs and locks into most track rail systems without tools, significantly reducing installation time and cost. Its lightweight, intuitive design combines innovative technology with high-efficiency luminaire engineering, delivering unmatched performance in trunking rail lighting systems. This luminaire stands out with its low-maintenance brilliance, making it the optimal choice for modern lighting solutions.



Feature

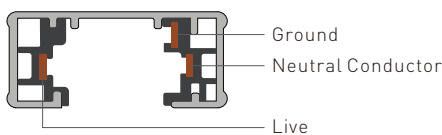
- Easy Installation, tool-less allows quick mounting onto most brand-name track rails.
- High-efficacy performance, up to 170lm per watt
- 4ft, Ultra-thin & Intuitive design
- CCT adjustable and wattage selectable
- Ideal for track rail lighting systems in retail, shops, and supermarket environments
- ETL and 5 years limited warranty



Track Rail Recommended

The luminaires are compatible with the most brands track rail in the world.

Standard-3 wires / 1 phase



Recommend track rail brands

Pay attention to the positioning knob.
No Reverse Mount!
Improper installation may cause irreparable damage.



Halo:
LZR102, LZR104, LZR106,
LZR108 or other 3-wires
tracks.



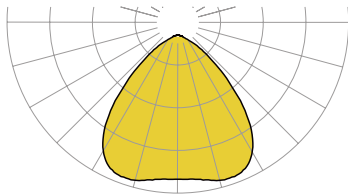
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PRODUCT PERFORMANCE



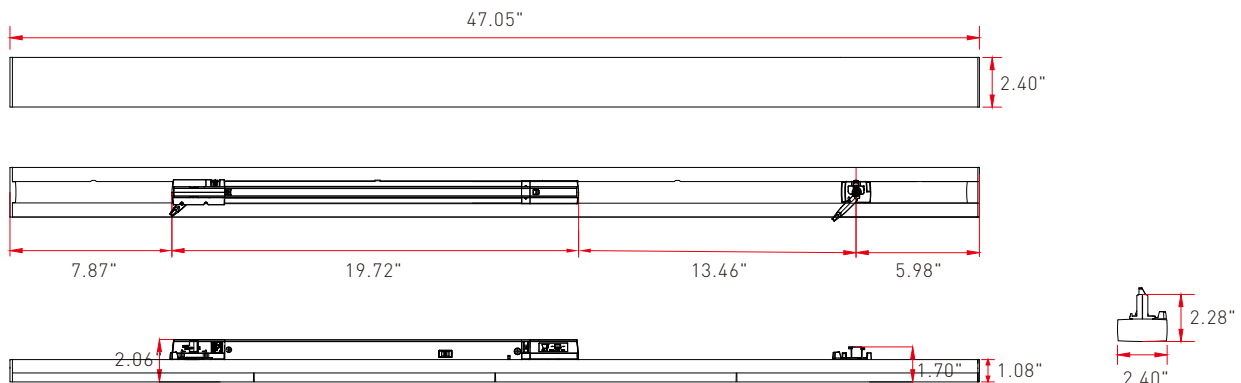
Wattage Selectable	35/40/45/50W
Lumen	Up to 8500lm
Efficacy	Up to 170lm/w
CCT Adjustable	3000K/4000K/5000K
CRI	80+
R9	>0
SDCM	<3
Beam Angle	120°



Over voltage protection with automatic restart.
Overload protection.
Short-circuit protection with automatic restart.

Input Voltage	100-277V AC
Input Current	0.63A max
Mains Frequency	50/60HZ
PF	0.90
THD	20%
Inrush Current	30A@150us
Turn On Time (Output)	≤1s
Standby Power Psb	/
Output Voltage	30-36V
Output Current	0.94/1.07/1.20/1.33A Max
Max Output Power	50W
Efficiency	86%
Dimming	NO
Output LF Current Ripple	≤5%
Surge (Between L - N)	2.5KV
Surge (Between L/N - PE)	2KV
Operating Humidity	10% - 85%
Storage Humidity	10% - 85%
Ambient Temperature Ta (At Life-Time 50,000 h)	-25 - 50°C
Max. Casing Temperature Tc	75°C
Storage Temperature Ts	-40 - 85°C
Warranty	5 years limited

DIMENSIONS

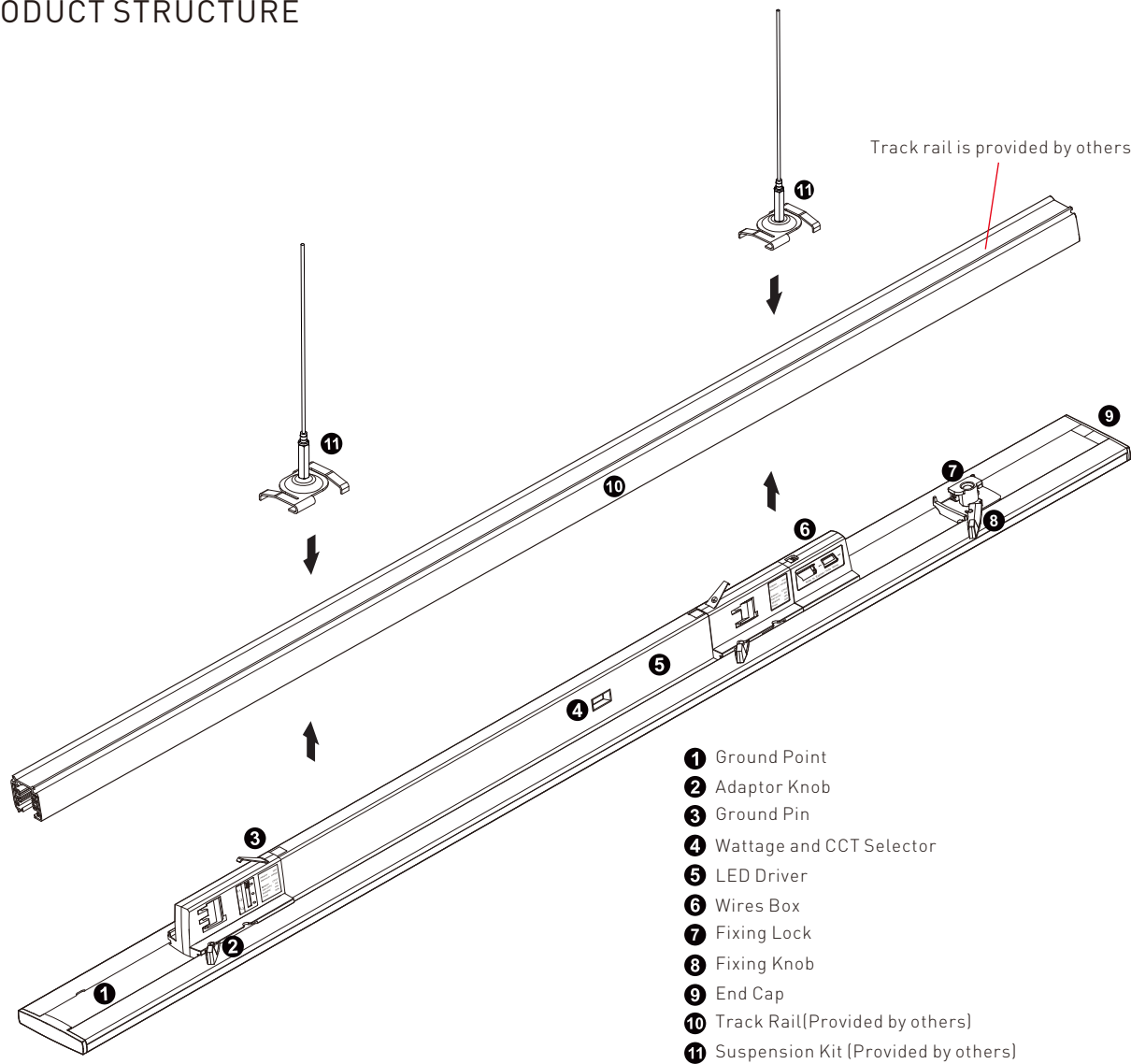




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PRODUCT STRUCTURE



APPLICATION

Retail • Commercial • Other indoor lighting

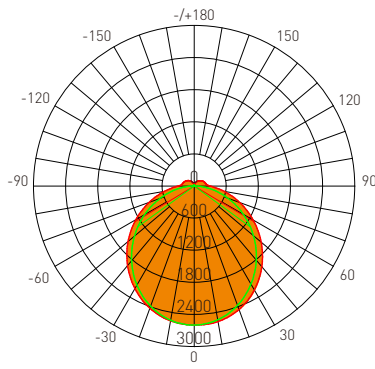




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DISTRIBUTION DIAGRAM



Lumens: 8556.15 Lm
Watts: 50 W
LPW: 167.39 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 118.2 °
— C90/270, 108.1 °

Zonal Flux Diagram

°	C0	C45	C90	C135	C180
10	2572	2555	2537	2548	2558
20	2454	2416	2371	2409	2428
30	2246	2188	2119	2190	2214
40	1966	1895	1804	1906	1938
50	1635	1562	1448	1574	1614
60	1273	1202	1065	1205	1261
70	906.4	833.2	676.1	827.6	900.4
80	564.3	485.2	308.5	473.6	560.6
90	303.8	214.9	17.20	209.2	302.4
100	229.0	160.5	14.13	161.2	229.1
110	210.3	149.1	9.166	148.8	210.8
120	188.4	124.8	9.489	131.3	188.8
130	160.3	95.38	11.25	110.1	161.8
140	129.9	72.11	12.80	87.07	130.7
150	96.19	48.63	14.14	62.86	96.70
160	60.68	32.76	15.39	38.58	61.01
170	28.10	20.17	16.39	19.59	27.98
180	17.62	16.59	17.04	17.00	17.67
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

°	Φ total
0-10	245.9
10-20	950.3
20-30	2016
30-40	3298
40-50	4635
50-60	5867
60-70	6860
70-80	7533
80-90	7874
90-100	8047
100-110	8195
110-120	8319
120-130	8416
130-140	8483
140-150	8525
150-160	8546
160-170	8554
170-180	8556
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	66498	22468
80	45457	24542
75	39500	26079
70	37073	27312
65	36024	28444
60	35606	29431
55	35513	30314
50	35573	31123
45	35710	31841

Disclaimer:

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