

LED TRACK LINEAR LIGHT

T-LINE SERIES | CTLS-1-1250-ADFD-03WH



OKT T-LINE 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 T-Line stands out with its low-maintenance brilliance, making it the optimal choice for modern lighting solutions.

Feature

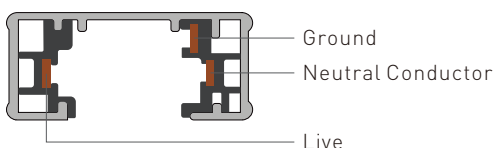
- Easy Installation, tool-less allows quick mounting onto most brand-name track rails.
- High-efficacy performance, up to 170lm per watt
- 4ft, Ultra-thin & Intuitive design
- CCT adjustable and wattage selectable
- Ideal for track rail lighting systems in retail, shops, and supermarket environments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

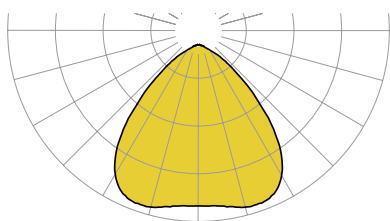


Halo:
LZR102, LZR104, LZR106,
LZR108 or other 3-wires
tracks.

PRODUCT PERFORMANCE



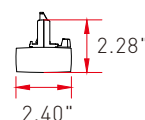
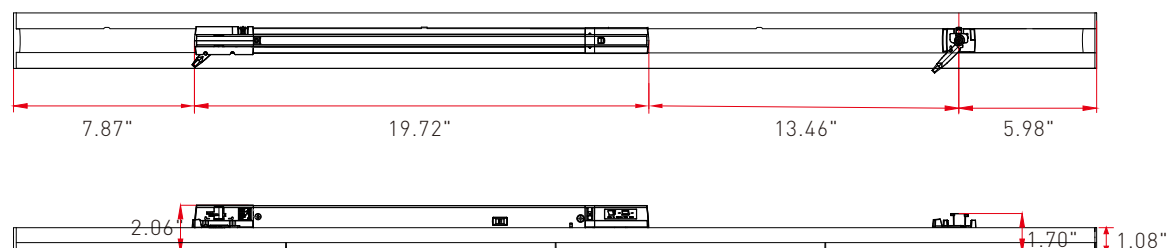
Wattage Selectable	35/40/45/50W
Lumen	Up to 8500lm
Efficacy	Up to 170lm/w
CCT Adjustable	3000K/4000K/5000K
CRI	80+
R9	>0
SDCM	<3
Beam Angle	120°



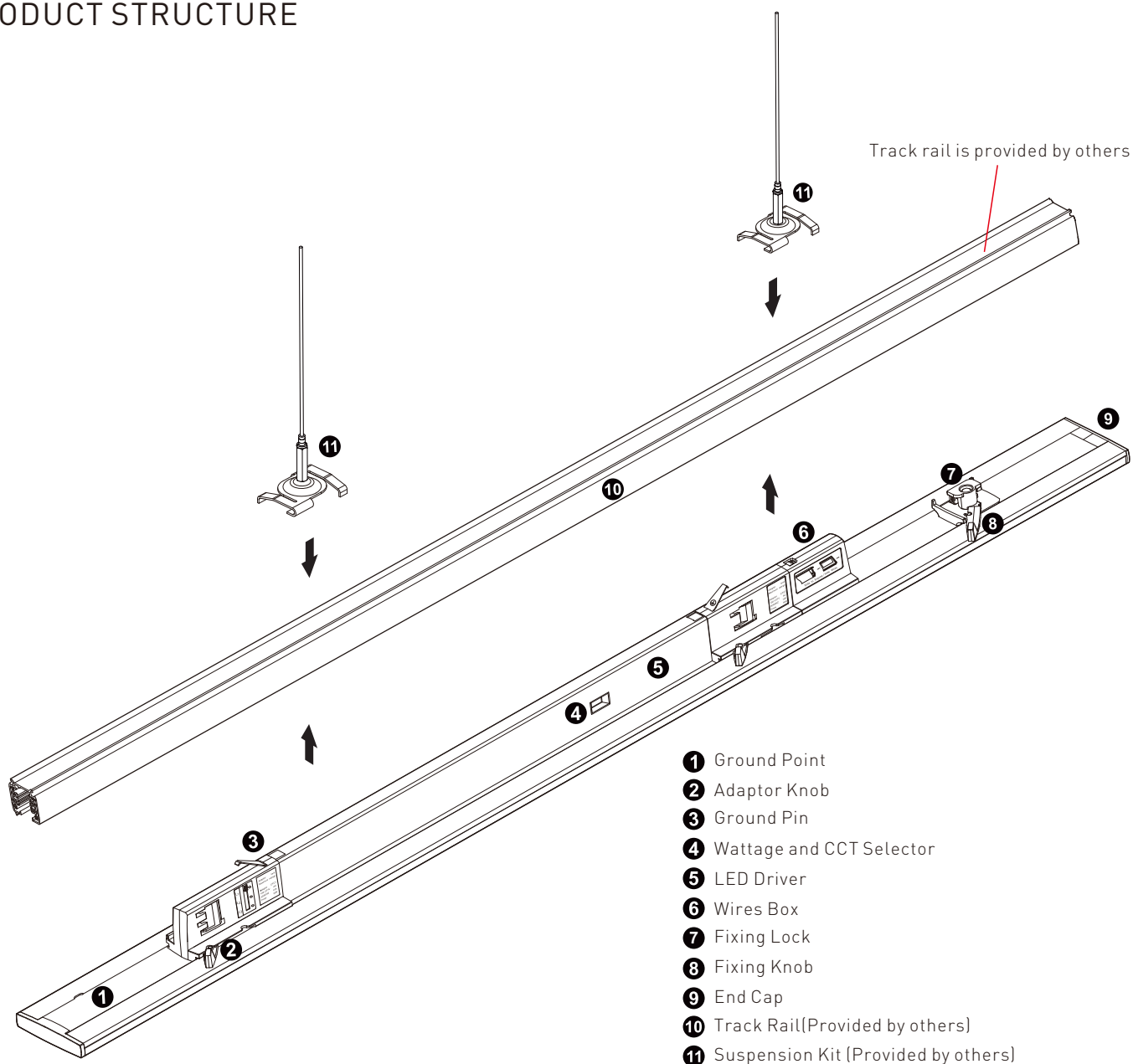
Over voltage protection with automatic restart.
Overload protection.
Short-circuit protection with automatic restart.

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



PRODUCT STRUCTURE

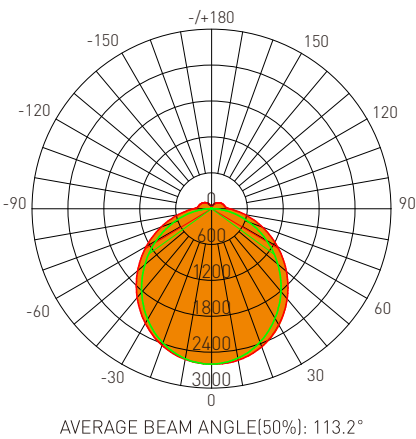


APPLICATION

Retail • Commercial • Other indoor lighting



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						Zonal Lumens		Luminance cd/(m2)		
τ	C0	C45	C90	C135	C180	τ	Φ total	G(DEG)	C0/180	C90/270
10	2572	2555	2537	2548	2558	0-10	245.9	85	66498	22468
20	2454	2416	2371	2409	2428	10-20	950.3	80	45457	24542
30	2246	2188	2119	2190	2214	20-30	2016	75	39500	26079
40	1966	1895	1804	1906	1938	30-40	3298	70	37073	27312
50	1635	1562	1448	1574	1614	40-50	4635	65	36024	28444
60	1273	1202	1065	1205	1261	50-60	5867	60	35606	29431
70	906.4	833.2	676.1	827.6	900.4	60-70	6860	55	35513	30314
80	564.3	485.2	308.5	473.6	560.6	70-80	7533	50	35573	31123
90	303.8	214.9	17.20	209.2	302.4	80-90	7874	45	35710	31841
100	229.0	160.5	14.13	161.2	229.1	90-100	8047			
110	210.3	149.1	9.166	148.8	210.8	100-110	8195			
120	188.4	124.8	9.489	131.3	188.8	110-120	8319			
130	160.3	95.38	11.25	110.1	161.8	120-130	8416			
140	129.9	72.11	12.80	87.07	130.7	130-140	8483			
150	96.19	48.63	14.14	62.86	96.70	140-150	8525			
160	60.68	32.76	15.39	38.58	61.01	150-160	8546			
170	28.10	20.17	16.39	19.59	27.98	160-170	8554			
180	17.62	16.59	17.04	17.00	17.67	170-180	8556			
DEG	LUMINOUS INTENSITY:cd					UNIT: lm				