

T19A

LED Roadway Light



Specifications

Input Voltage:	100 ~ 240Vac
Input Frequency:	50 / 60Hz
Power Supply Efficiency ^[2] :	88~91%
Power Factor (PF) ^[3] :	0.95
Surge Protection Level:	≥10kV line earth
Operating Environment:	-40℃~ +50℃, 10%~90%RH
Storage Environment:	-40℃~ +50℃, 10%~90%RH
Correlated Color Temperature (CCT):	3000K, 4000K, 5000K, 5700K
Color Rendering Index (CRI):	Ra≥70
IP Rating of Module:	IP68
IP Rating of Luminaire:	IP66
IK Rating:	IK08
Main Housing:	Die-cast aluminum

Applications

- Roadway lighting
(Urban roads, residential areas, overpasses...)
- Public areas lighting
(Theme parks, squares, parking lots...)

Note:

- [1] After specialized treatment, the product can be used in coastal areas, high UV regions, and other unique environments.
[2] Power supply efficiency is a typical value and is subject to actual measurements.
[3] Power factor is a typical value and is subject to actual measurements.

Features

- Honeycomb and full-structure heat dissipation technology for superior cooling performance
- Separate IP66 gear compartment with breather
- Dual-seal IP68 protection for reliable dust & water resistance
- Ergonomic light distribution designs for uniform area illumination
- Flexible modular configuration and full power range solution
- High-quality surface treatment for premium durability & finish^[1]

Finishing Colors

	BLACK		GRAY
	WHITE		

Photos



Ordering Information

Example: T19A-2-100-M66A-VBA-34-7530-7040-HP-MO-GY

Luminary Type	Qty. of Modules	System Power	Module Type	Installation Interface	LEDs Type	Cable Type
T19A	1 1 pcs	40 40W	M66A	V V-shaped	B 5050 C 3030	A CCC+VDE H UL X OTHER
	2 2 pcs	50 50W				
						
	7 7 pcs	420 420W				

Qty. of LEDs per Module	Lens Code				CRI&CCT	
34 34 pcs	7530	T2S	5531	T2S	7030	Ra≥70, 3000K
90 90 pcs	6532	T2M	5533	T3M	7040	Ra≥70, 4000K
	2510	T2M	5512	T2M	7050	Ra≥70, 5000K
	6513	T3M			7057	Ra≥70, 5700K

Brand of LEDs		Driver Brand		Housing Color	
LU	LUMILEDS	MO	MOSO	BK	Black
HP	HPWINNER	SS	SOSEN	WH	White
XX	OTHER	PH	PHILIPS	GY	Gray
		IN	INVENTRONICS		
		XX	OTHER		

Note: Refer to Appendix 1 for detailed light distribution curves.

Performance

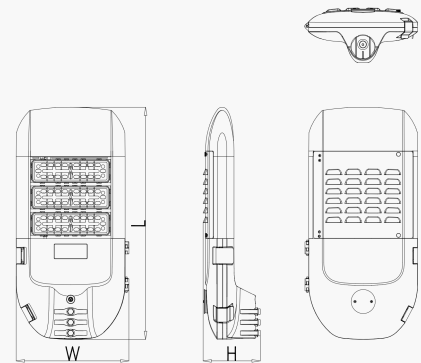
Model	Power (W)	3030 LEDs - 90 pcs		5050 LEDs - 34 pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T19A-1	40	148	5920	173	6920
	50	143	7150	170	8500
	60	138	8280	167	10020
T19A-2	80	160	12800	185	14800
	100	155	15500	182	18200
	120	150	18000	178	21360
T19A-3	120	160	19200	185	22200
	150	155	23250	182	27300
	180	150	27000	178	32040
T19A-4	160	160	25600	185	29600
	200	155	31000	182	36400
	240	150	36000	178	42720
T19A-5	200	160	32000	185	37000
	250	155	37200	182	45500
	300	150	45000	178	53400
T19A-6	240	160	38400	185	44400
	300	155	46500	182	54600
	360	150	54000	178	64080
T19A-7	280	160	44800	185	51800
	350	155	55800	182	63700
	420	150	63000	178	74760

Note: The above parameters are typical values, values shown are subject to ±5%~±8% tolerance. The luminous efficacy of a 3000K CCT is approximately 5% lower compared to a 4000K or higher CCT.

Product Dimensions

Model	L(mm)	W(mm)	H(mm)	Φ D(mm)	Available Pole O.D. (mm)	N.W.(kg)
T19A-1	575	345	175	70	Φ 57~63	6.1
T19A-2	625	345	175	70	Φ 57~63	7.1
T19A-3	705	345	175	70	Φ 57~63	8.2
T19A-4	785	345	175	70	Φ 57~63	9.3
T19A-5	865	345	175	70	Φ 57~63	10.8
T19A-6	945	345	175	70	Φ 57~63	12.2
T19A-7	1025	345	175	70	Φ 57~63	13.7

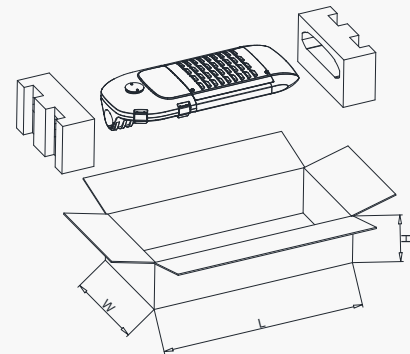
Note: The above parameters are typical values, values shown are subject to $\pm 5\% \sim \pm 8\%$ tolerance.



Packing Dimensions

Model	L(mm)	W(mm)	H(mm)	G.W.(kg)
T19A-1	610	410	230	7.5
T19A-2	660	410	230	8.5
T19A-3	740	410	230	9.7
T19A-4	820	410	230	11.0
T19A-5	950	410	230	12.5
T19A-6	1030	410	230	14.1
T19A-7	1110	410	230	15.7

Note: The above parameters are typical values, values shown are subject to $\pm 5\% \sim \pm 8\%$ tolerance.



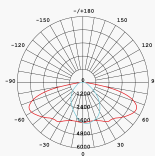
PA Adjustable Adapter

Model	Adjustable Adapter Model	Available Pole O.D. (mm)	Available Depth for Installation (mm)
T19A-1	PA2A	Φ 57~63	≥ 80
T19A-2	PA2A	Φ 57~63	≥ 80
T19A-3	PA3A	Φ 60-66	≥ 120
T19A-4	PA3A	Φ 60-66	≥ 120
T19A-5	PA3A	Φ 60-66	≥ 120
T19A-6	Not recommended	/	/
T19A-7	Not recommended	/	/

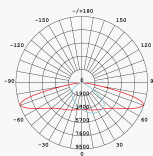


Appendix 1: Light Distribution Curves

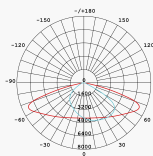
3030 LEDs
90 pcs



2510(T2M)

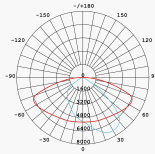


5512(T2M)

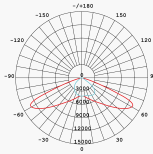


6513(T3M)

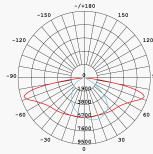
5050 LEDs
34 pcs



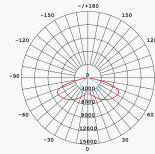
7530(T2S)



5531(T2S)



6532(T2M)



5533(T3M)

The data in the product specifications on the pages may be subject to change.
Please contact your dedicated account manager for the latest product details.

Sep. 2025