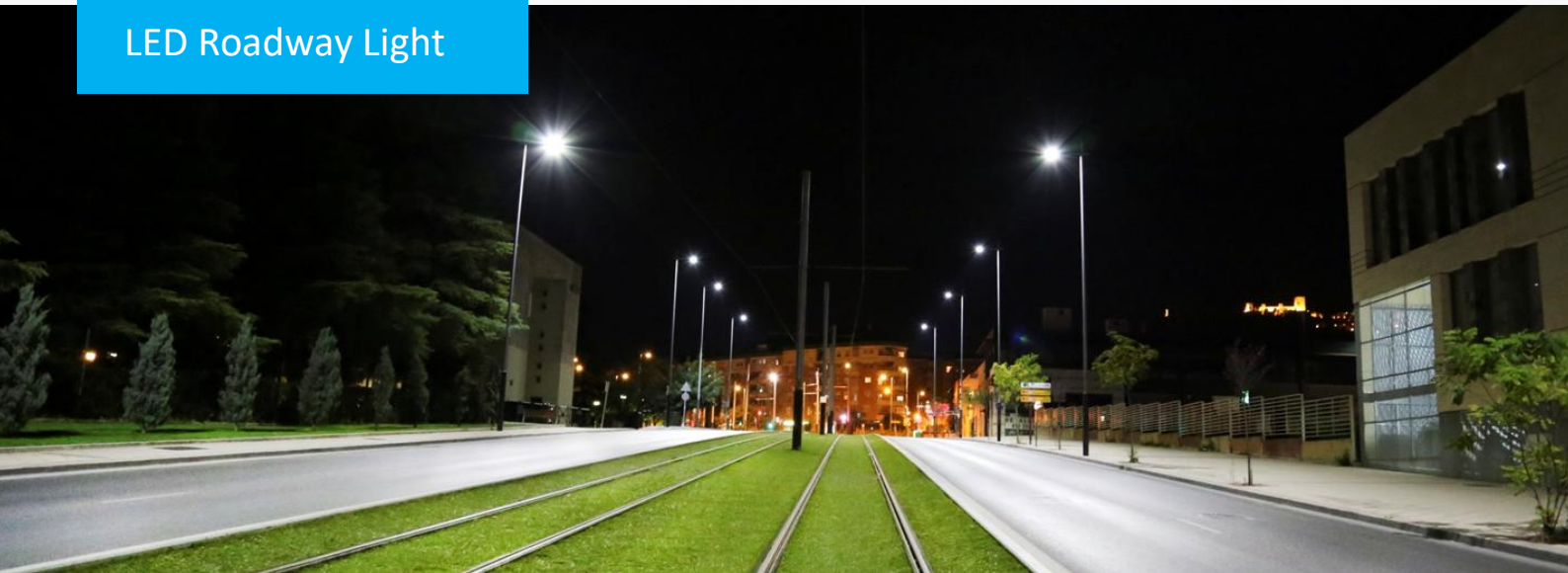


T19E(GEN2)

LED Roadway Light



Specifications

Input Voltage:	100 ~ 240Vac
Input Frequency:	50 / 60Hz
Power Supply Efficiency^[2]:	88~92%
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 Gear Compartment:	IP68
IP Rating of Luminaire:	IP66
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

- Modular structure, compatible with standard modules
- IP68 LED module and separate IP66 gear compartment for superior protection
- Tool-free access to gear compartment; modules removable with simple tools.
- Die-cast main housing with a high-quality electrostatic powder-coated finish^[1]
- Compatible with both horizontal and vertical mounting, with built-in tilt adjustment for optimal lighting performance
- Optional NEMA accessories for expanded control capabilities and improved lighting quality
- Ergonomic light distribution designs for uniform area illumination

Finishing Colors

	BLACK		GRAY
	WHITE		

Photos



Ordering Information

Example:T19E-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
T19E	1 1 pcs	40 40W	M66A	V V-shaped C CSA	B 5050 C 3030	A CCC+VDE
	2 2 pcs	50 50W				H UL
						X OTHER
	5 5 pcs	300 300W				

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	PH	PHILIPS	WH	White
XX	OTHER	IN	INVENTRONICS	GY	Gray
		XX	OTHER		

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

Performance

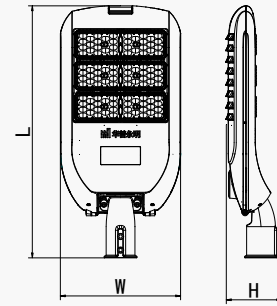
Model	Power (W)	3030 LEDs - 90 pcs		5050 LEDs - 34 pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T19E-1	40	148	5920	173	6920
	50	143	7150	170	8500
	60	138	8280	167	10020
T19E-2	80	160	12800	185	14800
	100	155	15500	182	18200
	120	150	18000	178	21360
T19E-3	120	160	19200	185	22200
	150	155	23250	182	27300
	180	150	27000	178	32040
T19E-4	160	160	25600	185	29600
	200	155	31000	182	36400
	240	150	36000	178	42720
T19E-5	200	160	32000	185	37000
	250	155	37200	182	45500
	300	150	45000	178	53400

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)	N.W.(kg)
T19E-1	570	310	140	3.9
T19E-2	570	310	140	4.5
T19E-3	650	310	140	5.3
T19E-4	855	310	140	7.0
T19E-5	855	310	140	8.3

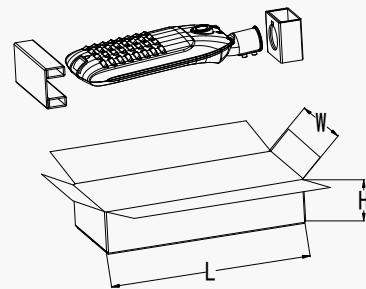
Note: The above parameters are typical values, values shown are subject to $\pm 5\%$ tolerance.



Packaging Dimensions

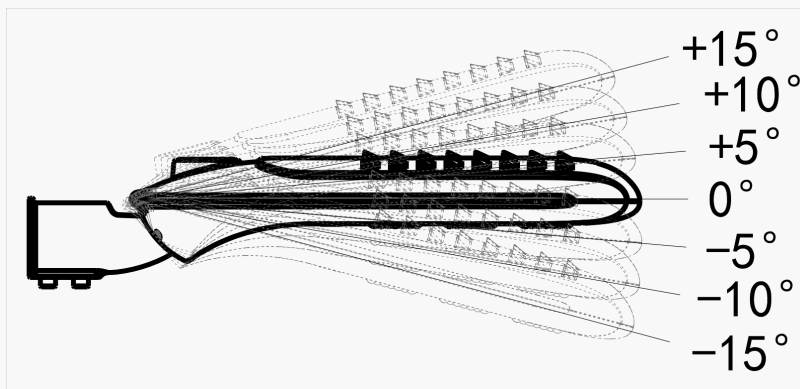
Model	L × W × H(mm)	Qty. Per Carton	G.W.(kg)
T19E-1	590×320×160	1	8.2
T19E-2	590×320×160	1	9.5
T19E-3	670×320×160	1	10.9
T19E-4	900×320×160	1	12.2
T19E-5	900×320×160	1	13.9

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

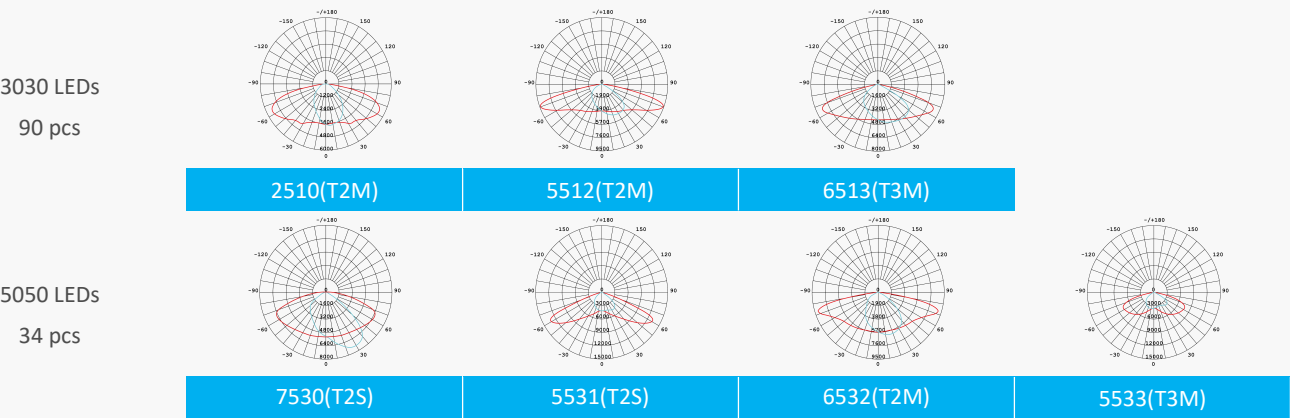


Installation Interface

Luminaire Model	Available Pole O.D. (mm)	Available Depth for Installation (mm)	Tilt Adjustment Range
T19E	$\Phi 60 \pm 3$	≥ 80	5° increments, -15° to +15°



Appendix 1: Light Distribution Curves



Appendix 2: NEMA Accessories



Note:
The NEMA interface complies with the requirements of ANSI C136.41 and ANSI C136.10 standards.
The above image is for reference only. The actual accessories shall be subject to the configuration and specifications agreed upon by both parties.

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.

Jul. 2026