



APPLICATIONS

- Roadway lighting (Residential areas, overpasses, alleys...)
- Public areas lighting (Theme parks, squares, parking lots...)

SPECIFICATION

Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	10kV line-earth
Working Environment:	-40°C~ +50°C, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70
Housing	Die-cast Aluminium stainless steel
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Impact Protection Level:	IK08
Warranty	5 Years Limited

FEATURES

Construction

- Die-cast aluminum housing.
- Unique patented IP68 (highest protection level) LED light engines.
- Whole structure heating dissipation design with best thermal conduction and radiation.
- IP67 rated luminaire.

Distribution

- Ergonomic and dedicated lighting distributions are available for various roadway applications.

Control

- Sensor available (on/off).

PHOTOS



FINISHING COLORS

	Gray		Black
	White		Blue

ORDERING INFORMATION

Example: T1M-N1-40-BA-12-2209-7040-CM-MO-GY

Luminary Type		Module Qty.		System Power		LEDs Type		Cable Type		Qty. of LEDs	
T	Street light	N1	1pcs Integral LED module	20	20W	B	5050	A	CCC+VDE	12	12pcs
1M	1M series			30	30W			C	PSE		
				40	40W			H	UL		
								X	OTHER		
Lens Code		CRI		CCT		Brand of LEDs		Driver Brand		Housing Color	
2209	Type II Long	60	Ra≥60	30	3000K	LU	LUMILEDS	IN	INVENTRONICS	BK	Black
1209	Type I Short	70	Ra≥70	40	4000K	LN	LUMINUS	XX	OTHER	WH	White
2223	Type II Medium	80	Ra≥80	50	5000K	CM	CUSTOMIZATION			BU	Blue
		90	Ra≥90	57	5700K	XX	OTHER			GY	Gray

PERFORMANCE

Example: T1M-N1-40-BA-12-2209-7040-CM-MO-GY

Model	Power (W)	Efficacy (lm/W)	Lumens (lm)
T1M	20	145	2,900
	35	140	4,200
	40	130	5,200

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

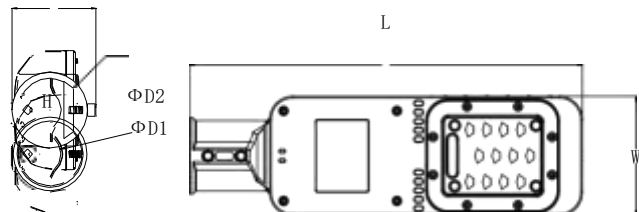
*Values shown are subject to ±5%~±8% tolerance.

DIMENSIONS

Example: T1M-N1-40-BA-12-2209-7040-CM-MO-GY

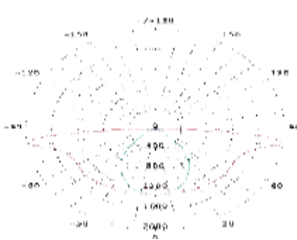
Model	L (mm)	W (mm)	H (mm)	D1 (mm)	D2 (mm)	N.W.* (kg)
T1M	415	125	90	45	70	1.9

Note: Values shown are subject to ±5% tolerance.

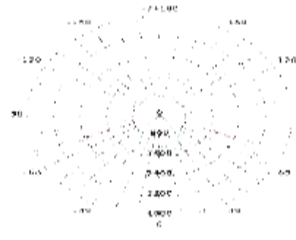


DISTRIBUTIONS

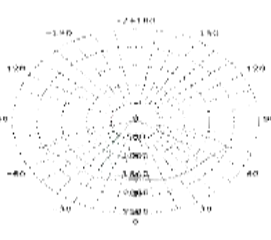
Example: T1M-N1-40-BA-12-2209-7040-CM-MO-GY



T2L2209

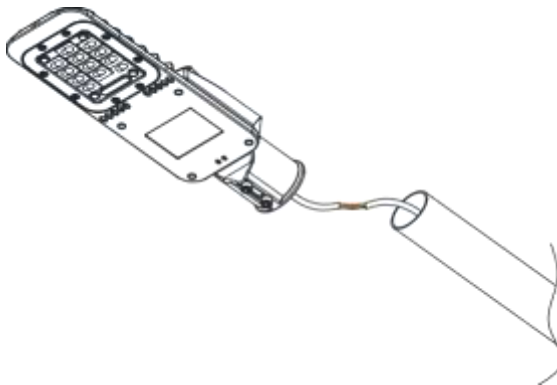


T1S1209

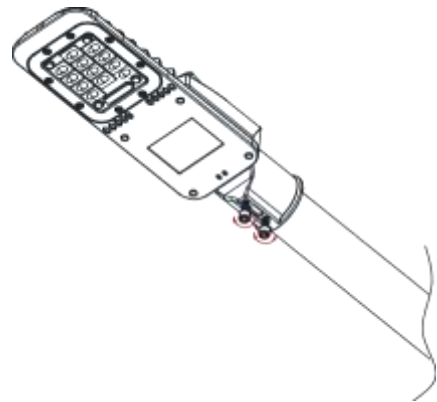


T2M2223

INSTALLATION AND MAINTENANCE INSTALLATION



1. Connect the luminaire input wires to N, L and G wires of the power (make sure it sufficiently grounded).



1. Loosen the mounting screws on the sleeve, fix the luminaire onto the post, and tighten up the mounting screws to fixate it.

WIRING

Power Supply End	Earth wire	Neutral wire	Live wire
Fixture End	Yellow-green lead	Blue lead	Brown lead
	Green lead	White lead	Black lead

CAUTION

- a For luminaires with glass cover: the cover is made of tempered glass which shatters into small pieces without sharp edges when it breaks. Application condition: -30°C~100°C; maximum temperature rise $\Delta t 60^{\circ}\text{C}$.
- b Disconnect or turn off power before installation, maintenance and wiring.
- c .Cable connection must be insulated and waterproof.
- d The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

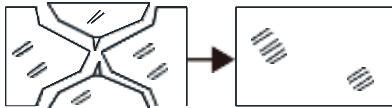
Warning: Danger! Electric shock risk!

(via IEC 60417-6042 (2011-11))

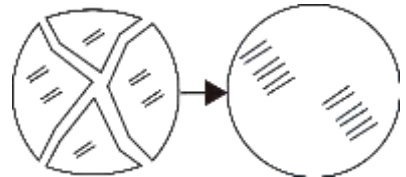


For luminaires with glass cover: The broken cover should be replaced.

Rectangle



Round



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling

REMARKS

- 1.This luminaire uses permanent connection on power supply with flexible cable and wires (60245 IEC57). Sufficient length of cable is reserved for connection to AC power. Protection over the connection joint and elimination of tensile force there should be ensured.ufficient.
- 2.This luminaire uses type Z attachment: the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
- 3.Wiring: the connection to AC power should be operated on terminal blocks in a wiring box with a degree of protection at least equivalent to the luminaire, and there should be devices to fixate wires.
- 4.The luminaire can be mounted onto ordinary combustible surfaces.