



APPLICATIONS

- Roadway lighting (Urban roads, residential areas, overpasses...)
- 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
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Warranty	5 Years Limited

FEATURES

Construction

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

Distribution

- Ergonomic and dedicated lighting distributors are available for various roadways applications.

Control

- Sensor available. (on/off)

PHOTOS



FINISHING COLORS

	Gray		Black
	White		Blue

ORDERING INFORMATION

Example: T1Q-N1-60-BA-24-2210-7040-CM-MO-GY

Luminary Type		Module Qty.		System Power		LEDs Type		Cable Type		Qty. of LEDs	
T	Street light	N1	1pcs Integral LED module	50	50W	B	5050	A	CCC+VDE	24	24pcs
1Q	1Q series			60	60W	C	3030	C	PSE	63	63pcs
								H	UL		
								X	OTHER		

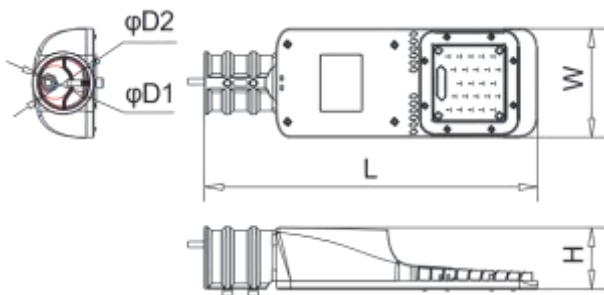
Lens Code		CRI		CCT		Brand of LEDs		Driver Brand		Housing Color	
2240	Type III Medium	2213	Type I Short	60	Ra≥60	30	3000K	LU	LUMILEDS	IN	BK Black
2219	Type II Medium	1396	Type II Short	70	Ra≥70	40	4000K	LN	LUMINUS	INVENTRONICS	WH White
2210	Type II Short	2397	Type III Medium	80	Ra≥80	50	5000K	CM	CUSTOMIZATION	MO	MOSO
5050 LEDs		3030 LEDs		90	Ra≥90	57	5700K	XX	OTHER	XX	OTHER
										GY	Gray

PERFORMANCE

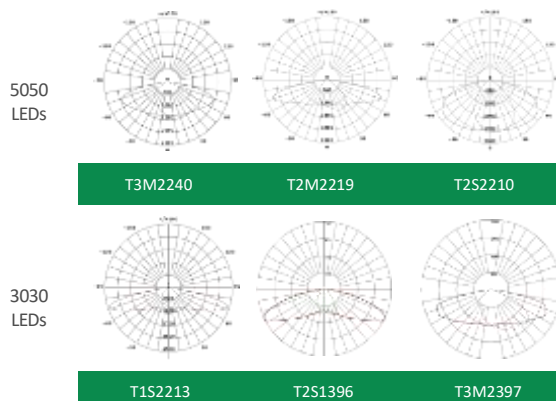
Model	Power(W)	Efficacy (lm/W)	5050 LEDs		3030 LEDs	
			Lumens (lm)		Efficacy (lm/W)	
T1Q	50	157	7,850		130	
	60	150	9,000		122	

PRODUCT DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	Available Pole O.D. (mm)	Mounting Depth (mm)	N.W.* (kg)
T1Q	450	145	85	D1 Φ37~43	96	2.7
				D2 Φ57~63	80	



TYPICAL DISTRIBUTIONS



Note: 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.

INSTALLATION AND MAINTENANCE

INSTALLATION



1. Connect the wires to AC input power correctly.

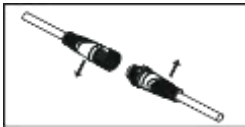


2. Loosen the mounting screws on the pole sleeve.



3. Mount the luminaire onto a pole.
Tighten up the screws to fixate it.

CABLE CONNECTION



1. Connect the male and female connectors by aligning the indicative arrow on them.



2. Hold the nut on one terminal still, meanwhile, rotating clockwise till the one on the other terminals is tightened up. Otherwise the waterproof performance might be affected.

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

Disconnect or turn off power before installation, maintenance and wiring.

Cable connection must be insulated and waterproof.

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 $\Delta t 60^{\circ}\text{C}$.

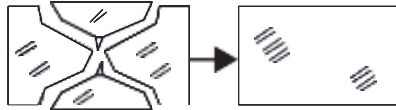
The light source of this luminaires is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaires that should be replaced.

INSTALLATION AND MAINTENANCE

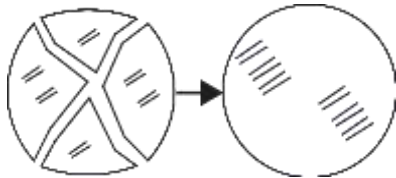
Warning: Danger! Electric shock risk!

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

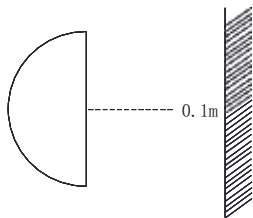
For luminaires with glass cover: The broken cover should be replaced. Rectangle



Round



Minimum distance from the light source to the illuminated object: 0.1m.



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.
- 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.