



T29A



T29B



T29C



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	Aluminium Extrusion Alloy 6063
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Impact Protection Level:	T29A IK09 T29B IK08 T29C IK09
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.
- IP66 rated electrical compartment.

Distribution

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

Control

- Optional NEMA receptacle & photocell/shorting cap.

FINISHING COLORS

	Gray		Black
	White		Blue

PHOTOS

T29A



T29B



T29C



ORDERING INFORMATION

Example: T29A-N1-40-BA-12-2209-7040-CM-IN-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
29A	29A 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

Model	Power (W)	Efficacy (lm/W)	Lumens (lm)
T29A	20	145	2,900
	30	140	4,200
	40	130	5,200

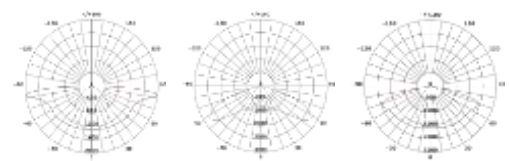
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	ΦD (mm)	Max. Installation Depth (mm)	N.W.* (kg)
T29A	345	140	165	50~60	80	2.6

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

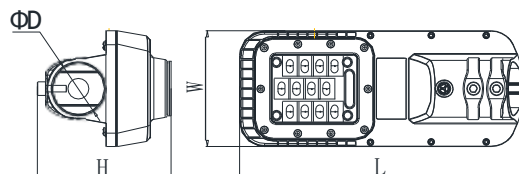
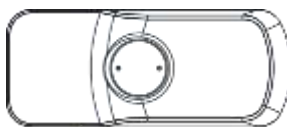
DISTRIBUTIONS



T2L2209

T1S1209

T2M2223



ORDERING INFORMATION

Example: T29B-N1-40-BA-24-2210-7040-CM-IN-GY

Luminary Type		Module Qty.		System Power		LEDs Type		Cable Type		Qty. of LEDs	
T 29B	Street light 29B series	N1	1pcs Integral LED module	40	40W	B	5050	A	CCC+VDE	24	24pcs
				50	50W	C	3030	C	PSE	63	63pcs
				60	60W			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	BK	Black
2219	Type II Medium	1396	Type II Short	70	Ra≥70	40	4000K	LN	LUMINUS	WH	White
2210	Type II Short	2397	Type III Medium	80	Ra≥80	50	5000K	CM	CUSTOMIZATION	BU	Blue
				90	Ra≥90	57	5700K	XX	OTHER	GY	Gray
5050 LEDs		3030 LEDs									

PERFORMANCE

Model	Power (W)	Efficacy (lm/W)	5050 LEDs		3030 LEDs	
			Lumens (lm)		Efficacy (lm/W)	
T29B	40	163	6,520		135	
	50	157	7,850		130	
	60	150	9,000		122	
			Lumens (lm)		Lumens (lm)	

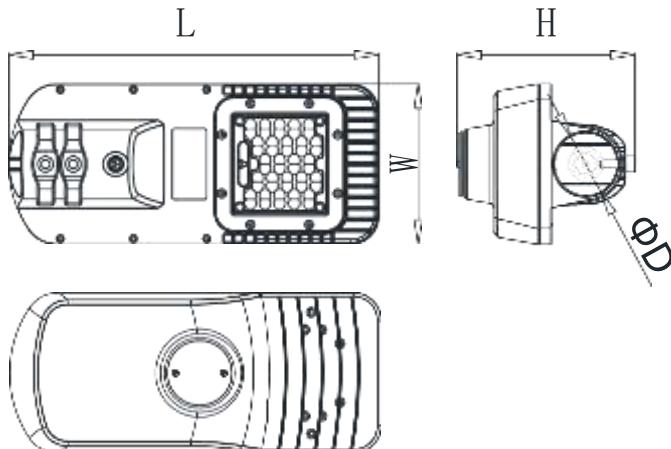
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

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

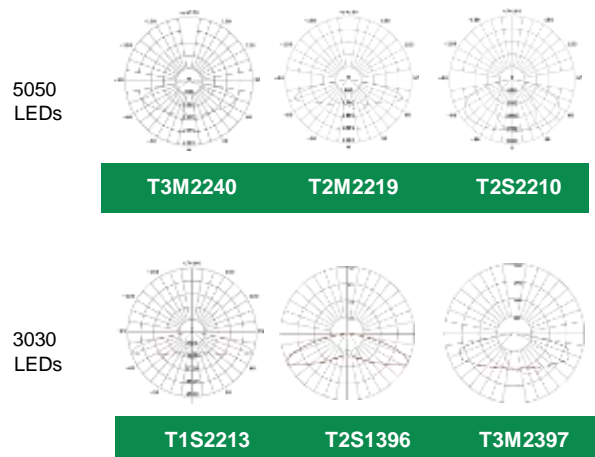
DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	ΦD (mm)	Max. Installation Depth (mm)	N.W.* (kg)
T29B	380	165	180	63	85	2.7

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



DISTRIBUTIONS



ORDERING INFORMATION

Example: T29C-N2-100-BA-18-2105-7040-CM-MO-GY

Luminary Type			Module Qty.			System Power		LED Package		Cable Standard		LED Qty. per module	
T 29C	Street light 29C series	N2	2pcs Integral LED module			80	80W	B 5050 C 3030		A	CCC+VDE	18	18pcs
						100	100W			C	PSE	28	28pcs
						120	120W			H	UL	63	63pcs
Lens Code						CRI & CCT		Brand of LEDs		Driver Brand		Housing Color	
1107	Type I Short	1113	Type III Short	2340 1397 2398	Type I Short Type II Short Type III Short	7030 7040 7050 7057	Ra≥70, 3000K Ra≥70, 4000K Ra≥70, 5000K Ra≥70, 5700K	LU LN CM XX	LUMILEDS LUMINUS CUSTOMIZATION OTHER	IN MO XX	INVENTRONICS MOSO OTHER	BK WH BU GY	Black White Blue Gray
2105	Type II Short	2109	Type III Medium										
2128	Type II Short	2127	Type III Medium										
2111	Type II Medium	2040	Type V										
3106	Type II Short	2114	Type V										
5050 LEDs				3030 LEDs									

PERFORMANCE

Model	Power (W)	5050 LEDs – 28pcs		5050 LEDs – 18pcs		3030 LEDs - 63pcs	
		Efficacy (lm/W)	Efficacy (lm/W)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T29C-N2	80	175	14,000	160	12,800	140	11,200
	100	170	17,000	150	15,000	135	13,500
	120	163	19,560	140	16,800	127	15,240

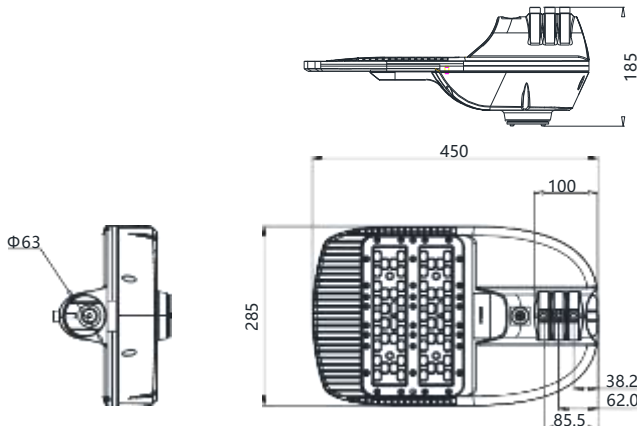
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

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

DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	ΦD (mm)	Pole Diameter (mm)	N.W.* (kg)
T29C	450	285	185	63	Φ55~61	5.7

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



DISTRIBUTIONS

5050
LEDs



T1S1107

T2S2105

T2S2128

T2M2111

T2S3106

T3S1113

T3M2109

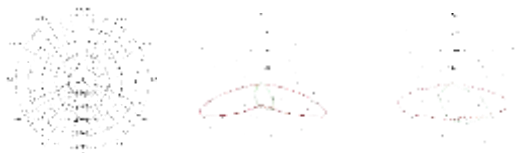


T3M2127

T5S2040

T5S2114

3030
LEDs

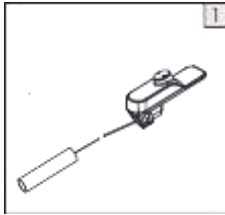


T1S2340

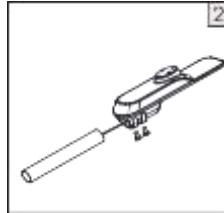
T2S1397

T3S2398

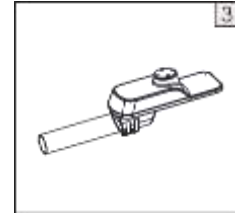
INSTALLATION



1. Connect the wires to AC power input.

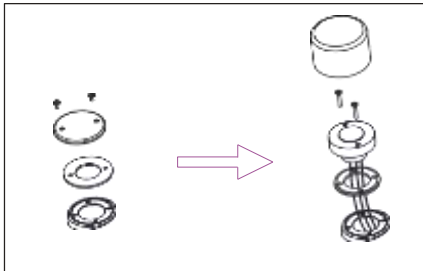


2. Loosen the two M10 hex socket head cap screws on the mounting sleeve.



3. Mount the light to the pole arm, and fasten the M10 screws. Installation finished.

Installation of NEMA Receptacle and Photocell



1. Undo the two screws to remove the round cover and its white sealing washer.
2. Thread the wires of the receptacle through the black sealing washer into the electrical compartment of luminaire. Keep the screw holes in alignment among the receptacle, sealing ring and luminaire, and fixate the receptacle with two M4x25 cross recessed countersunk head screws.
3. Plug in and fasten the photocell. Connect the wires in the electrical compartment.

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.

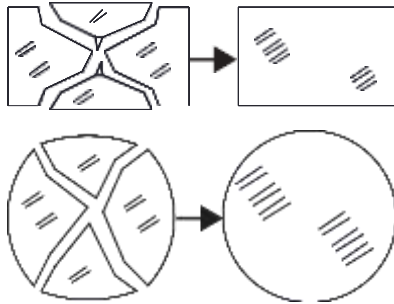
Warning: Danger! Electric shock risk!

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

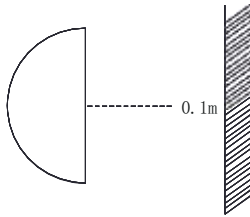
For luminaires with glass cover: The broken cover should be replaced. Rectangle



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. efficient.
- 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.