



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

FINISHING COLORS

	Gray		Black
	White		Blue

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.

PHOTOS



ORDERING INFORMATION

Example: T1P-N2-100-BA-18-2105-7040-CM-IN-GY

Luminary Type		Module Qty.	System Power		LEDs Type		Cable Type	Qty. of LEDs			LEDs Code			
T	Street light	N1	40	40W	B	5050	A	CCC+VDE	18	18pcs	1107	Type I Short	1113	Type III Short
1P	1P series	1pcs Integral LED module	50	50W			C	PSE	28	28pcs	2105	Type II Short	2109	Type III Medium
		N2	...				H	UL			2128	Type II Short	2127	Type III Medium
		2pcs Integral LED module	120W	120W			X	OTHER			2111	Type II Medium	2040	Type V
											3106	Type II Short	2114	Type V
CRI		CCT	Brand of LEDs			Driver Brand			Housing Color					
60	Ra≥60	30	3000K	LU	LUMILEDS	IN	INVENTRONICS	BK	Black					
70	Ra≥70	40	4000K	LN	LUMINUS	MO	MOSO	WH	White					
80	Ra≥80	50	5000K	CM	CUSTOMIZATION	XX	OTHER	BU	Blue					
90	Ra≥90	57	5700K	XX	OTHER			GY	Gray					

PERFORMANCE

Example: T1P-N2-100-BA-18-2105-7040-CM-IN-GY

Model	Power (W)	5050 LEDs – 28pcs		5050 LEDs – 18pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T1P-1	40	168	6,720	152	6,080
	50	163	8,150	145	7,250
	60	155	9,300	133	7,980
T1P-2	80	175	14,000	160	12,800
	100	170	17,000	150	15,000
	120	163	19,560	140	16,800

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

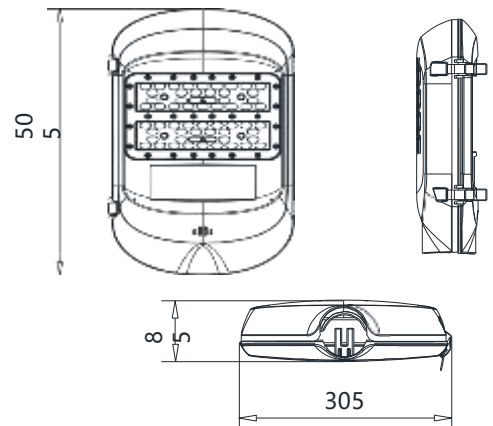
*Values shown are subject to ±5%~±8% tolerance.

DIMENSIONS

Example: T1P-N2-100-BA-18-2105-7040-CM-IN-GY

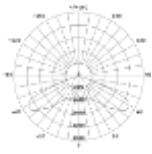
Model	L (mm)	W (mm)	H (mm)	ΦD (mm)	Max. Installation Depth (mm)	N.W.* (kg)
T1P-1	505	305	85	Φ57~63	120	4.0
T1P-2	505	305	85	Φ57~63	120	4.2

* Values shown are subject to ±5% tolerance.

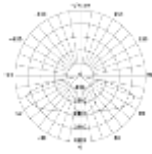


DISTRIBUTIONS

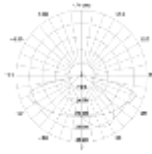
Example: T1P-N2-100-BA-18-2105-7040-CM-IN-GY



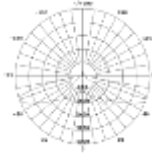
T1S1107



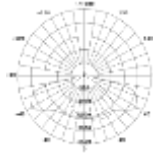
T2S2105



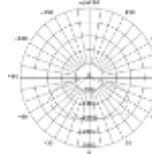
T2S2128



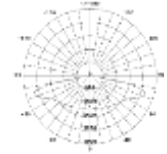
T2M2111



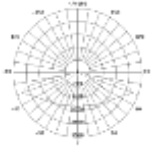
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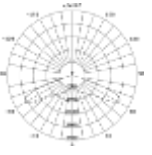
T3S1113



T3M2109



T3M2127



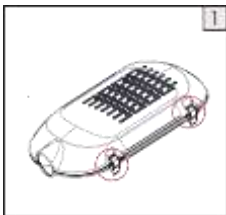
T5S2040



T5S2114

INSTALLATION AND MAINTENANCE

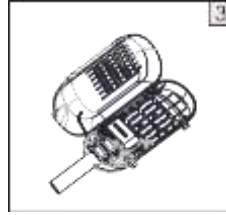
INSTALLATION



1. Pull the latches at side to open the back cover.



2. Connect the wires to L, N, and G of AC input.



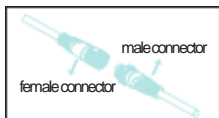
3. Loosen the screws on clamps, stick the pole arm under the clamps and tighten up the screws to fixate it.



4. Close the back cover and lock it up with the latches.

CABLE CONNECTORS

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

- 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.

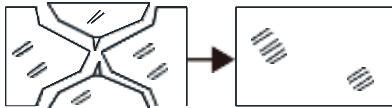
Warning: Danger! Electric shock risk!

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

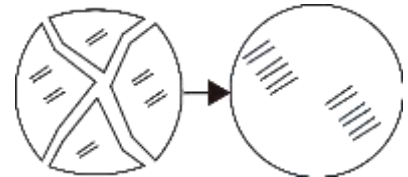


For luminaires with glass cover: The broken cover should be replaced.

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.
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.