



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 (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



FINISHING COLORS

	Gray		Black
	White		Blue

ORDERING INFORMATION

Example: T11A-2-100-M16B-VBA-18-2105-7040-CM-MO-GY

Luminary Type		Module Qty.		System Power		Module Type		Module Interface Type	LED Package		Cable Standard	LED Qty. per module	
T	Street light	1	1 modules	40	40W	M16B	M16B module	V	A	3535	CCC+VDE	18	18pcs
11A	11A series	2	2 modules	50	50W	M1A	M1A module	V-shaped groove	B	5050	PSE	28	28pcs
		...	...	...	...	M8B	M8B module		C	3030	UL	63	63pcs
		7	7 modules	420	420W						OTHER		

Lens Code				CRI & CCT				Brand of LEDs		Driver Brand		Housing Colors	
1107	Type I Short	3501	Type I Short	5323	Type I Short	7030	Ra≥70, 3000K	LU	LUMILEDS	IN	INVENTRONICS	BK	Black
2105	Type II Short	3100	Type I Short	1324	Type II Short	7040	Ra≥70, 4000K	LN	LUMINUS	MO	MOSO	WH	White
2128	Type II Short	1312	Type II Short	2201	Type II Short	7050	Ra≥70, 5000K	CM	CUSTOMIZATION	XX	OTHER	BU	Blue
2111	Type II Medium	3702	Type II Medium	2321	Type II Short	7057	Ra≥70, 5700K	XX	OTHER			GY	Gray
3106	Type II Short	3910	Type III Medium	5321	Type II Short								
1113	Type III Short	5703	Type IV Medium	1321	Type III Medium								
2109	Type III Medium	3040	Type V Square										
2127	Type III Medium												
2040	Type V												
2114	Type V												

M16B, 5050 LEDs		M1A, 3535 LEDs		M8B, 3030 LEDs									
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PERFORMANCE

Example: T11A-2-100-M16B-VBA-18-2105-7040-CM-MO-GY

Model	Power (W)	5050 LEDs – 28pcs		5050 LEDs – 18pcs		3535 LEDs – 18pcs		3030 LEDs - 63pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T11A-1	40	168	6,720	152	6,080	130	5,200	135	5,400
	50	163	8,150	145	7,250	122	6,100	130	6,500
	60	155	9,300	133	7,980	117	7,020	122	7,320
T11A-2	80	175	14,000	160	12,800	137	10,960	140	11,200
	100	170	17,000	150	15,000	130	13,000	135	13,500
	120	163	19,560	140	16,800	122	14,640	127	15,240
T11A-3	120	175	21,000	160	19,200	137	16,440	140	16,800
	150	170	25,500	150	22,500	130	19,500	135	20,250
	180	163	29,340	140	25,200	122	21,960	127	22,860
T11A-4	160	175	28,000	160	25,600	137	21,920	140	22,400
	200	170	34,000	150	30,000	130	26,000	135	27,000
	240	163	39,120	140	33,600	122	29,280	127	30,480
T11A-5	200	175	35,000	160	32,000	137	27,400	140	28,000
	250	170	42,500	150	37,500	130	32,500	135	33,750
	300	163	48,900	140	42,000	122	36,600	127	38,100
T11A-6	240	175	42,000	160	38,400	137	32,880	140	33,600
	300	170	51,000	150	45,000	130	39,000	135	40,500
	360	163	58,680	140	50,400	122	43,920	127	45,720
T11A-7	280	175	49,000	160	44,800	137	38,360	140	39,200
	350	170	59,500	150	52,500	130	45,500	135	47,250
	420	163	68,460	140	58,800	122	51,240	127	53,340

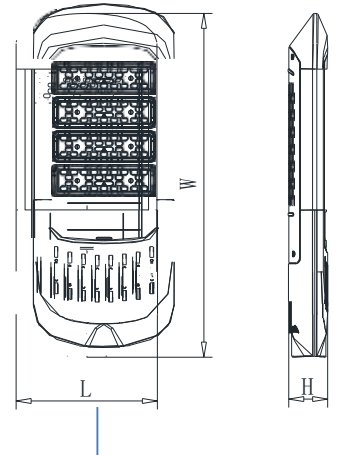
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

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

ORDERING INFORMATION

Example: T11A-2-100-M16B-VBA-18-2105-7040-CM-MO-GY

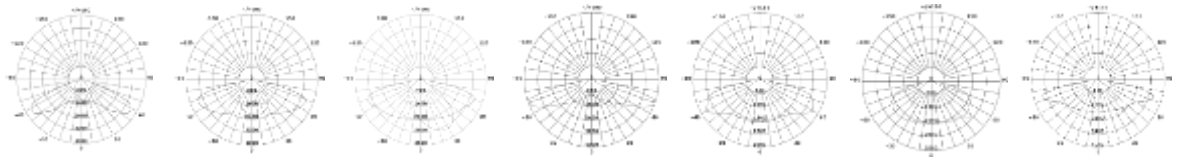
Model	L (mm)	W (mm)	H (mm)	Available Pole O.D. (mm)	Max. Installation Depth (mm)	N.W.* (kg)
T11A-1	595	330	90	57~63	210	6.5
T11A-2	645	330	90	57~63	210	8.0
T11A-3	725	330	90	57~63	210	9.0
T11A-4	805	330	90	57~63	210	10.5
T11A-5	885	330	90	57~63	210	11.5
T11A-6	1065	330	90	57~63	210	13.0
T11A-7	1145	330	90	57~63	210	15.0



* Values shown are subject to $\pm 5\%$ tolerance.

DISTRIBUTIONS

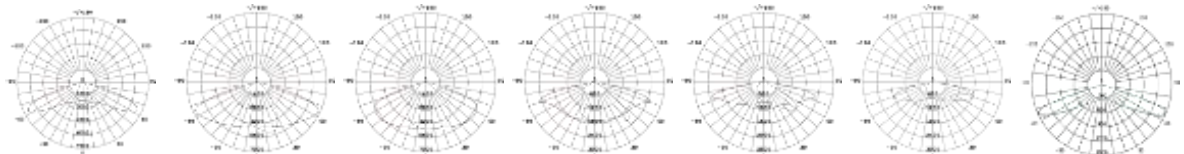
Example: T11A-2-100-M16B-VBA-18-2105-7040-CM-MO-GY



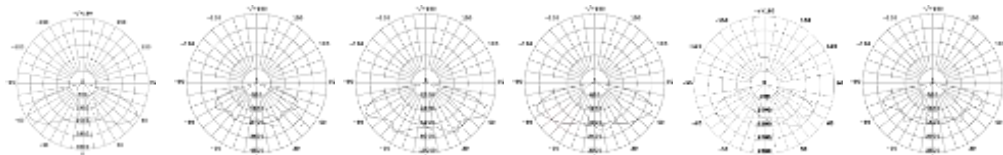
T1S1107 T2S2105 T2S2128 T2M2111 T2S3106 T3S1113 T3M2109



T3M2127 T5S2040 T5S2114



T1S3501 T1S3100 T2S1312 T2M3702 T3M3910 T4M5703 T5S3040



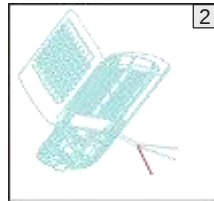
T1S5323 T2S1324 T2S2201 T2S2321 T2S5321 T3M1321

INSTALLATION AND MAINTENANCE

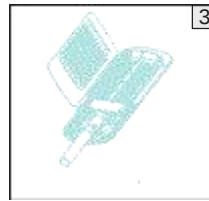
INSTALLATION



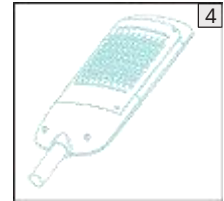
1. Unscrew and remove the rear cover. Unscrew and open the back cover.



2. Stick the pole arm under the two pole clamps and tighten up the four screws to fixate it.

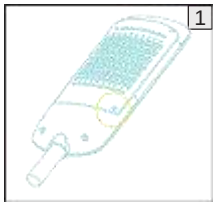


3. Connect the wires to L, N, and G of AC input. Make sure it sufficiently grounded.

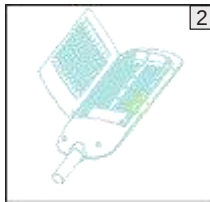


4. Close the back cover, install the rear cover and tighten up all screws.

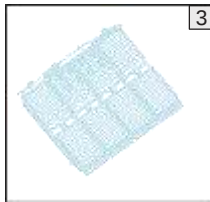
MAINTENANCE



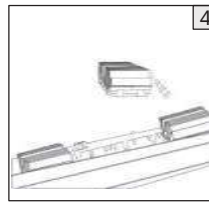
1. Unscrew and open the back cover.



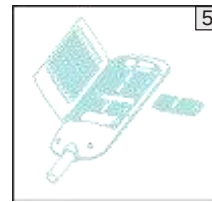
2. Undo the screws on both ends of the module to be replaced.



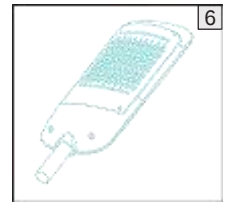
3. Undo the cable connectors to that module.



4. Plug out the module.



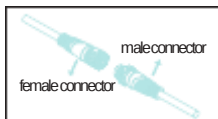
5. Replace with a new module. Tighten up screws and connect the cable.



6. Close the back cover and tighten up the screws.

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))

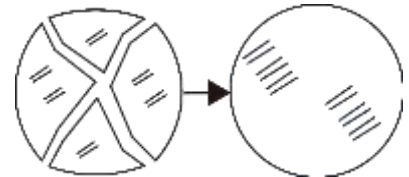


For luminaires with glass cover: The broken cover should be replaced.

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.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.