







APPLICATIONS

- Roadway lighting (Urban roads, residential areas, overpasses...)
- Public areas lighting (Theme parks, squares, parking lots...)

SPECIFICATION

Input Voltage:	100 ~ 240Vac
Input Frequency:	50/60Hz
Power Factor (PF):	0.95
Surge Protection Level:	10kV line-earth
Operating Environment:	-40°C~ +50°C, 10% ~ 90% RH
Colour Temperature (CCT):	3000K, 4000K, 5000K, 5700K
Colour Rendering Index (CRI):	≥70
Main Material:	ADC12
Housing:	Die-cast Aluminium
IP Rating of LED Light Engine:	IP68
IP Rating of Electrical Compartment:	IP66
Warranty:	5 Years Limited

FINISHING COLORS

	Gray		Black
	White		Dark Gray

FEATURES

Construction

- Die-cast aluminum housing.
- Latches provide easy, tool-less access to the electrical compartment.
- Unique patented IP68 (highest protection level) LED light engines.

Distribution

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

Options

- Optional NEMA receptacle & photocell/shorting cap.
- Optional electrical disconnect or.

PHOTOS



ORDERING INFORMATION

Example: T69A-1-60-CK7Bmax-BA-34-1384-7040-CM-MO-GY

Luminary Type		Module Qty.	System Power		Module Type	LEDs Type	Cable Type	LED Qty. per module		
T	Street light	1 1pcs LED module	60	60W	CK7Amax	B 5050	A CCC+VDE	34	34pcs	
69A	69A series	2 2pcs LED modules	120	120W	CK7Bmax		C PSE			
		3 3pcs LED modules	180	180W			H UL			
		4 4pcs LED modules	240	240W			X OTHER			
Lens Code			CRI	CCT	Brand of LEDs		Driver Brand	Housing Color		
1384	Type I Short	1385 Type I Short	60	Ra≥60	30	3000K	LU LUMILEDS	IN INVENTRONICS	BK	Black
2386	Type II Short	2387 Type III Medium	70	Ra≥70	40	4000K	LN LUMINUS	MO MOSO	WH	White
			80	Ra≥80	50	5000K	CM CUSTOMIZATION	XX OTHER	DG	Dark Gray
CK7Bmax		CK7Amax	90	Ra≥90	57	5700K	XX OTHER		GY	Gray

PERFORMANCE

Model	Module Type	Power (W)	Efficacy (lm/W)	Lumens (lm)
T69A-1	CK7Bmax	60	160	9,600
T69A-2	CK7Bmax	120	167	20,040
T69A-3	CK7Amax	180	167	30,060
T69A-4	CK7Amax	240	167	40,080

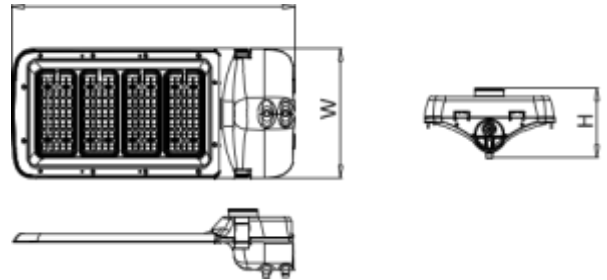
*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

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

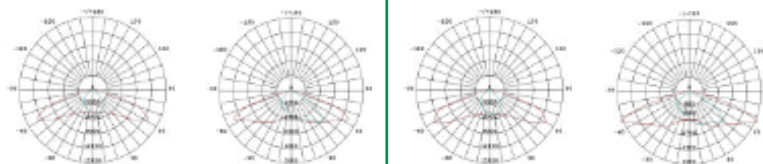
DIMENSIONS

Model	L (mm)	W (mm)	H (mm)	N.W.* (kg)
T69A-1	385	240	165	2.9
T69A-2	515	240	165	3.7
T69A-3	580	310	165	4.2
T69A-4	680	310	165	5.0

*Values shown are subject to ±5% tolerance.



DISTRIBUTIONS



T1S1384

T2S2386

T1S1385

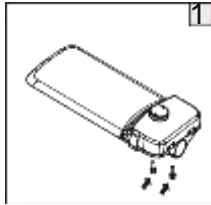
T3M2387

T69A-1/T69A-2

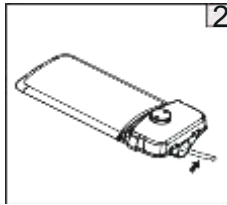
T69A-3/T69A-4

INSTALLATION AND MAINTENANCE

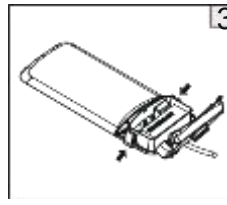
INSTALLATION



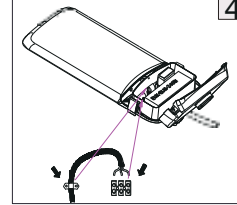
1. Undo the two M10 screws for the cable into pole adaptor.



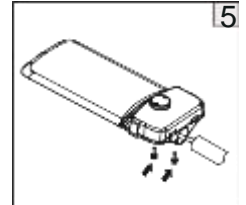
2. Thread the AC input cable into pole adaptor.



3. Undo the latches to open the cover upward.

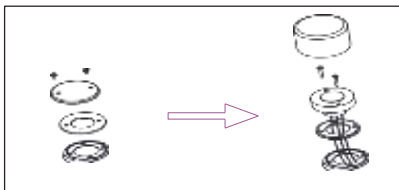


4. Do wiring on the terminal block at the right position. Fixate the input cable with a clip.



5. Close the cover and lock it with the latches. Mount the pole with screws fastened. 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

- a. Disconnect or turn off power before installation, maintenance and wiring. Cable connection must be insulated and waterproof.
- b. The light source of this luminaire is not replaceable.
- c. 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))



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 Y attachment: method of attachment of the cable or cord such that any replacement can only be made by the manufacturer, his service agent or similarly qualified person.
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.