



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
Operating Environment:	-40°C~ +50°C, 10% ~ 90% RH
Colour Temperature (CCT)*: Colour	3000K-5700K
Rendering Index (CRI):	≥70
Housing	Extrusion, Galvanized Steel
IP Rating of LED Light Engine	Aluminium IP68
IP Rating of LED Driver:	IP65
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.
- IP65 rated electrical compartment.

Distribution

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

Control

- Optional NEMA receptacle & photocell/shorting cap.

Mounting

- Built-in ±5° inclination in steps of 2.5°.

FINISHING COLORS

	Gray		Black
	White		Blue

PHOTOS



ORDERING INFORMATION

Example: T1D-N1-50-CA-63-2326-7040-LU-MO-GY

Luminary Type		Module Qty.	System Power		LEDs Type	Cable Type	Qty. of LEDs	LEDs Code			
T	Street light	N1 1pcs Integral LED module	40	40W	A	3535	A CCC+VDE	18	18pcs	1502	Type I Short
1D	1D series		50	50W	B	5050	C PSE	28	28pcs	3101	Type I Short
			60	60W	C	3030	H UL	63	63pcs	1911	Type III Medium
						X OTHER				3535 LEDs	

Lens Code		CRI		CCT		Brand of LEDs		Driver Brand		Housing Color			
2344	Type II Short	2326	Type I Short	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
5050 LEDs		3030 LEDs		90	Ra≥90	57	5700K	XX	OTHER			GY	Gray

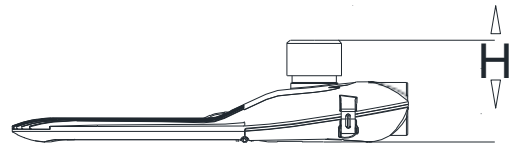
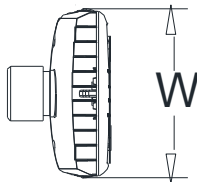
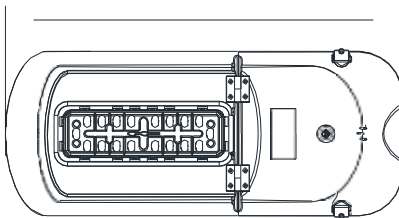
PERFORMANCE

Model	Power (W)	5050 LEDs-28pcs		3535 LEDs-18pcs		3030 LEDs-63pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T1D	40	168	6,720	130	5,200	135	5,400
	50	163	8,150	122	6,100	130	6,500
	60	155	9,300	117	7,020	122	7,320

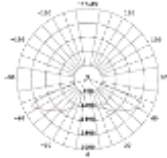
Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.
*Values shown are subject to ±5%~±8% tolerance.

DIMENSIONS

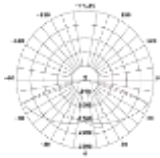
Model	L (mm)	W (mm)	H (mm)	Available Pole O.D. (mm)	Max.Installation Depth (mm)	N.W.* (kg)
T1D	580	250	150	57-63	89	4.0



DISTRIBUTIONS

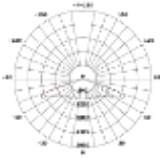


T1S1502

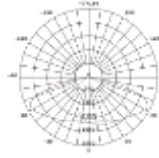


T1S3101

3535 LEDs

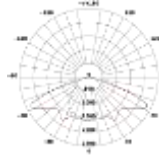


T3M1911



T2S2344

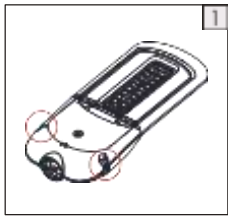
5050 LEDs



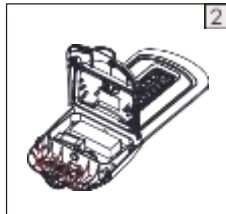
T1S2326

3030 LEDs

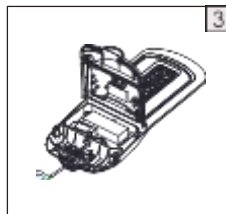
INSTALLATION



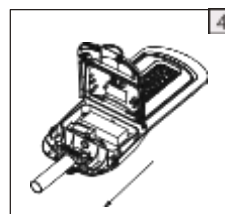
1. Undo the two buckles to open the cover.



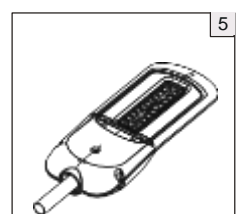
2. Loosen the two M10x30 screws on the arched clamp.



3. Connect the wires to AC input. Make sure it is sufficiently grounded.

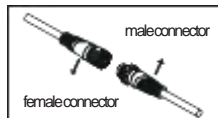


4. Stick the pole arm under the arched clamp and tighten up the M10 screws.



5. Put cables in order, close the cover and lock up the buckles.

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.** Disconnect or turn off power before installation, maintenance and wiring.
- b.** Cable connection must be insulated and waterproof.
- c.** 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 $\Delta t60^{\circ}\text{C}$.
- 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.

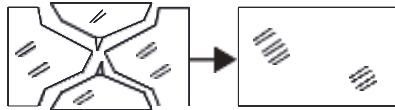
Warning: Danger! Electric shock risk!

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

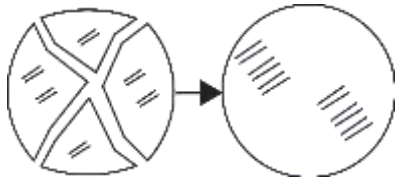


For luminaires with glass cover: The broken cover should be replaced.

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.