

T65

LED Street Light



Specifications

Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor (PF):	0.95
Surge Protection Level:	10kV line-earth
Operating Environment:	-40°C ~ +50°C, 10% ~ 90% RH
Color Temperature (CCT):	3000K, 4000K, 5000K, 5700K
Color Rendering Index (CRI):	≥70
Housing:	Die-cast Aluminum
IP Rating of LED Light Engine:	IP68
IP Rating of Engine Compartment:	IP66
IP Rating of Electrical Compartment:	IP66
Impact Protection Level:	IK08
Warranty:	5 Years Limited

Applications

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

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.
- IP66 rated engine compartment sealed with tempered glass.

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



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Pre-release Version

Ordering Information

Example: T65-N1-60-BA-34-1881-7040-CM-MO-GY

Luminary Type	Module Qty.	System Power	LEDs Type	Cable Type	Qty. of LEDs
T Street light	N1 1pcs Integral LED module	60 60W	B 5050	A CCC+VDE	34 34pcs
65 65 series	N2 2pcs Integral LED module	120 120W		C PSE	
	N3 3pcs Integral LED module	180 180W		H UL	
	N4 4pcs Integral LED module	240 240W		X OTHER	
Lens Code	CRI	CCT	Brand of LEDs	Driver Brand	Housing Color
1881 Type I Short	1884 Type I Short	60 Ra≥60	30 3000K	LU LUMILEDS	IN INVENTRONICS
1882 Type II Short	1885 Type II Short	70 Ra≥70	40 4000K	LN LUMINUS	MO MOSO
2883 Type III Short	2886 Type III Short	80 Ra≥80	50 5000K	CM CUSTOMIZATION	XX OTHER
		90 Ra≥90	57 5700K	XX OTHER	BK Black
					WH White
					BU Blue
					GY Gray
T65N1 & T65N2	T65N3 & T65N4				

Performance

Model	Power (W)	Efficacy (lm/W)	Lumens (lm)
T65N1	60	146	8,760
T65N2	120	153	18,360
T65N3	180	153	27,540
T65N4	240	153	36,720

*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)
T65N1	540	240	165	4.5
T65N2	670	240	165	5.7
T65N3	735	310	165	7.4
T65N4	835	310	165	8.6

* Values shown are subject to ±5% tolerance.

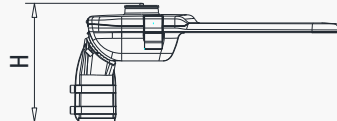
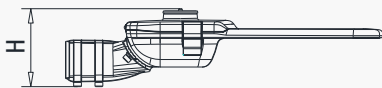
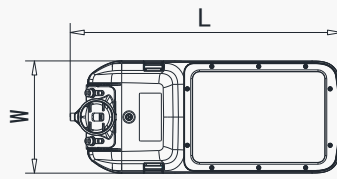
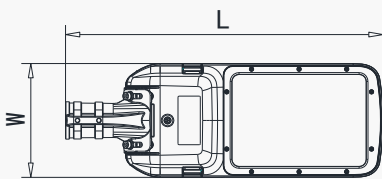
Model	L (mm)	W (mm)	H (mm)	N.W.* (kg)
T65N1	450	240	255	4.5
T65N2	580	240	255	5.7
T65N3	645	310	255	7.4
T65N4	745	310	255	8.6

* Values shown are subject to ±5% tolerance.

Package Information

Model	L (mm)	W (mm)	H (mm)	G.W.* (kg)
T65N1	635	315	240	5.6
T65N2	765	315	240	6.7
T65N3	830	410	230	8.9
T65N4	930	410	230	10.3

* Values shown are subject to ±5% tolerance.



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Distributions



Accessories



Photocell Shorting Cap

Version History

Change Date	Version	Item	Description of Change	
			From	To
2019/08/05	Pre-release Version	Datasheets release		