

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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Ordering Information

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

Luminary Type		Module Qty.		System Power		LEDs Type		Cable Type		LED Qty. per module	
T	Street light	N1	1pcs Integral LED module	60	60W	B	5050	A	CCC+VDE	34	34pcs
65	65 series	N2	2pcs Integral LED modules	120	120W			C	PSE	51	51pcs
		N3	3pcs Integral LED modules	180	180W			H	UL		
		N4	4pcs Integral LED modules			X	OTHER		
		N6	6pcs Integral LED modules	400	400W						

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	BK	Black
1882	Type II Short	1885	Type II Short	70	Ra≥70	40	4000K	LN	LUMINUS	MO	MOSO	WH	White
1887	Type II Medium	1888	Type II Medium	80	Ra≥80	50	5000K	CM	CUSTOMIZATION	XX	OTHER	BU	Blue
2883	Type III Medium	2886	Type III Medium	90	Ra≥90	57	5700K	XX	OTHER			GY	Gray
1846	Type II Short												
T65N1 & T65N2		T65N3 & T65N4											

Performance

Model	Power (W)	34pcs per Module		51pcs per Module	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T65N1	60	146	8,760		
T65N1	100			146	14,600
T65N2	120	153	18,360		
T65N3	180	153	27,540		
T65N4	240	153	36,720		
T65N6	300	155	46,500		
	360	153	55,080		
	400	150	60,000		

*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
T65N1*	625	215	165	4.8
T65N2	670	240	165	5.4
T65N3	735	310	165	7.1
T65N4	835	310	165	8.2
T65N6	1175	350	165	12.8

*Values shown are subject to ±5% tolerance.

*This T65N1 has 51pcs LEDs

Model	L (mm)	W (mm)	H (mm)	N.W.* (kg)
T65N1	450	240	255	4.5
T65N1*	540	215	255	4.8
T65N2	580	240	255	5.4
T65N3	645	310	255	7.1
T65N4	745	310	255	8.2
T65N6	1080	350	255	12.8

*Values shown are subject to ±5% tolerance.

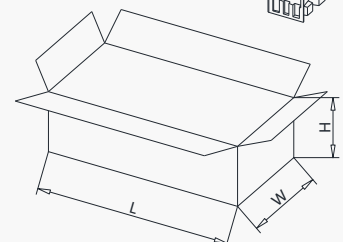
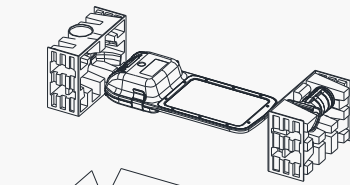
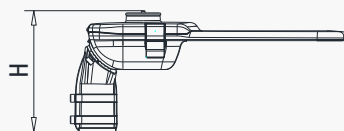
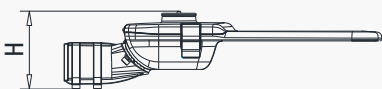
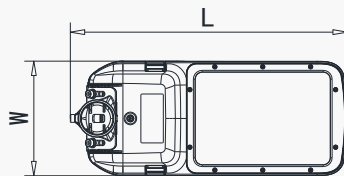
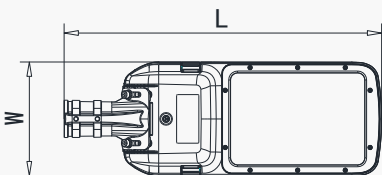
*This T65N1 has 51pcs LEDs

Package Information

Model	L (mm)	W (mm)	H (mm)	G.W.* (kg)
T65N1	520	315	235	5.5
T65N1*	620	295	250	6.4
T65N2	650	315	235	6.6
T65N3	710	410	230	8.6
T65N4	810	410	230	9.9
T65N6	1280	460	240	16.6

*Values shown are subject to ±5% tolerance.

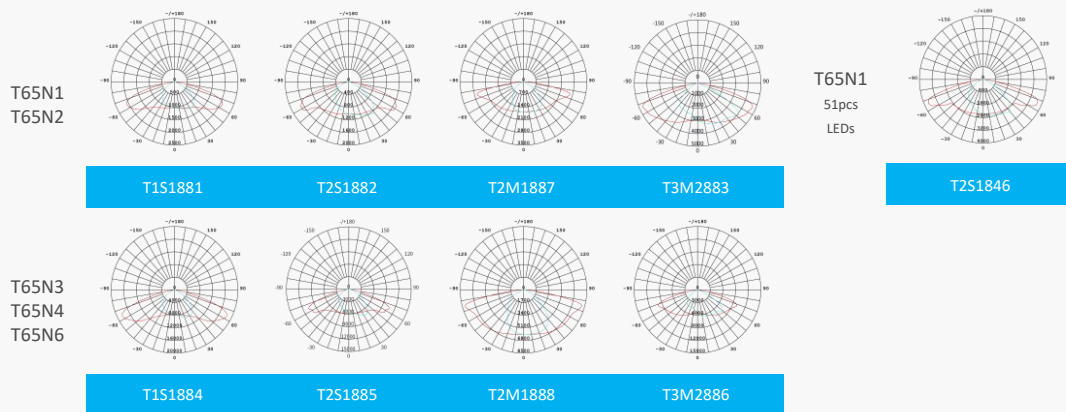
*This T65N1 has 51pcs LEDs



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Distributions



Accessories

Optional Adapter



Model Name	Mounting O.D. (mm)	Max. Mounting Depth (mm)
L50	Φ40~Φ50	90
L60	Φ55~Φ65	100

Photocell



Photocell	Shorting Cap
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*Adjustable from -15° to +15° with each step of 5° for N1~N4

*Adjustable from -15° to +20° with each step of 5° for N6

Version History

Change Date	Version	Item	Description of Change	
			From	To
2019/08/30	Ver.2.0	Datasheet Release		
2020/01/15	Ver.2.1	Package Information	T65-N1 635*315*240mm	T65-N1 520*315*235mm
			T65-N2 765*315*240mm	T65-N2 650*315*235mm
			T65-N3 830*410*230mm	T65-N3 710*410*230mm
			T65-N4 930*410*230mm	T65-N4 810*410*230mm
2020/06/24	Ver.2.2	Solution of T65N1(51pcs LEDs) & T65N6		Added
2020/10/20	Ver.2.3	T2M1887 & T2M1888		Added