

# T33B

## LED Street Light



### Specifications

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

### Applications

- Roadway lighting  
(Residential areas, overpasses, alleys...)
- Public areas lighting  
(Theme parks, squares, parking lots...)

### 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.
- IP66 rated electrical compartment.

#### Distribution

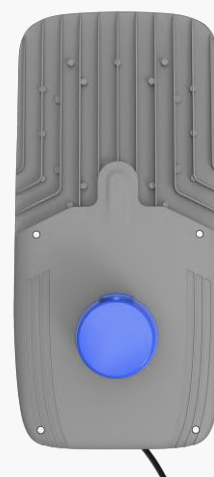
- Ergonomic and dedicated lighting distributions are available for various roadway applications.

#### Control

- Optional NEMA receptacle & photocell/shorting cap.

### Finishing Colors

	Gray		Black
	White		Blue



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## Ordering Information

Example: T33B-N1-80P-BA-36-1854-7040-CM-MO-WH

Luminary Type	Module Qty.	System Power	Photocell Options	LEDs Type	Cable Type	Qty. of LEDs
<b>T</b> Street light <b>33B</b> 33B series	<b>N1</b> 1pcs Integral LED module	<b>80</b> 80W <b>90</b> 90W <b>100</b> 100W	<b>P</b> Photocell <b>S</b> Shorting Cap	<b>B</b> 5050 <b>C</b> 3030	<b>A</b> CCC+VDE <b>C</b> PSE <b>H</b> UL <b>X</b> OTHER	<b>36</b> 36pcs <b>99</b> 99pcs
Lens Code	CRI	CCT	Brand of LEDs	Driver Brand	Housing Color	
<b>1856</b> Type I Medium <b>1855</b> Type II Medium <b>1854</b> Type II Short	<b>1853</b> Type I Medium <b>1852</b> Type I Medium <b>1851</b> Type II Short	<b>60</b> Ra≥60 <b>70</b> Ra≥70 <b>80</b> Ra≥80 <b>90</b> Ra≥90	<b>30</b> 3000K <b>40</b> 4000K <b>50</b> 5000K <b>57</b> 5700K	<b>LU</b> LUMILEDS <b>LN</b> LUMINUS <b>CM</b> CUSTOMIZATION <b>XX</b> OTHER	<b>IN</b> INVENTRONICS <b>MO</b> MOSO <b>XX</b> OTHER	<b>BK</b> Black <b>WH</b> White <b>BU</b> Blue <b>GY</b> Gray
<b>5050 LEDs</b>	<b>3030 LEDs</b>					

## Performance

Model	Power (W)	5050 LEDs		3030 LEDs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
T33B	80	158	12,640	138	11,040
	90	155	13,950	134	12,060
	100	152	15,200	129	12,900

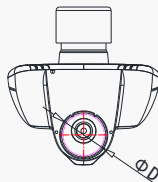
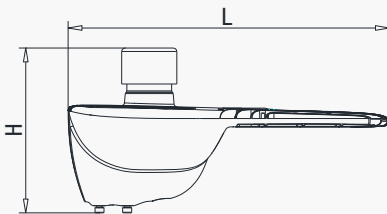
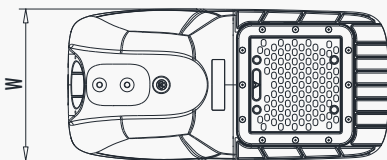
\*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

\*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)
T33B	465	220	240	Φ57~63	110	4.0

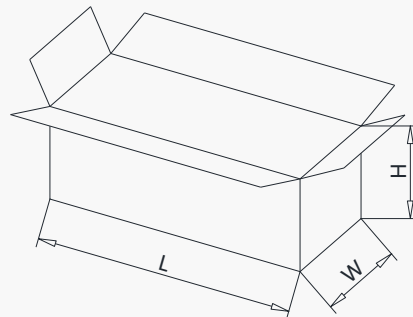
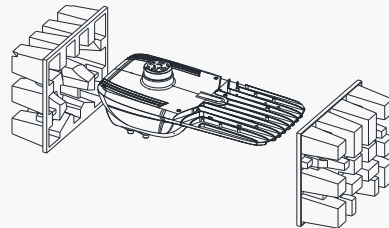
Note: Values shown are subject to ±5% tolerance.



## Package Information

Model	L (mm)	W (mm)	H (mm)	G.W.* (kg)
T33B	530	290	260	5.0

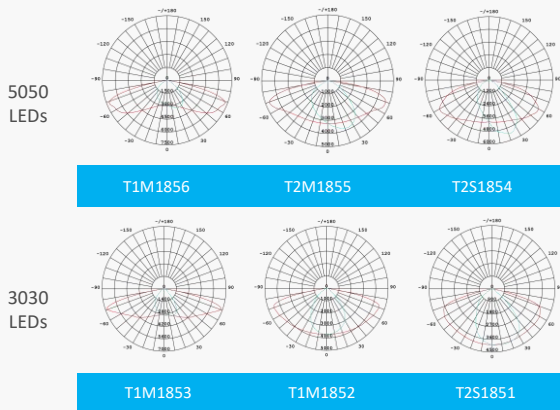
Note: Values shown are subject to ±5% tolerance.



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## Distributions



## Accessories

Photocell Options



Photocell



Shorting Cap

Mounting Adaptor Options



PA Series

## Version History

Change Date	Version	Item	Description of Change	
			From	To
2019/10/24	Ver.2.0	Datasheet release		
2020/01/15	Ver.2.1	Package Information	540*295*205mm	530*290*260mm