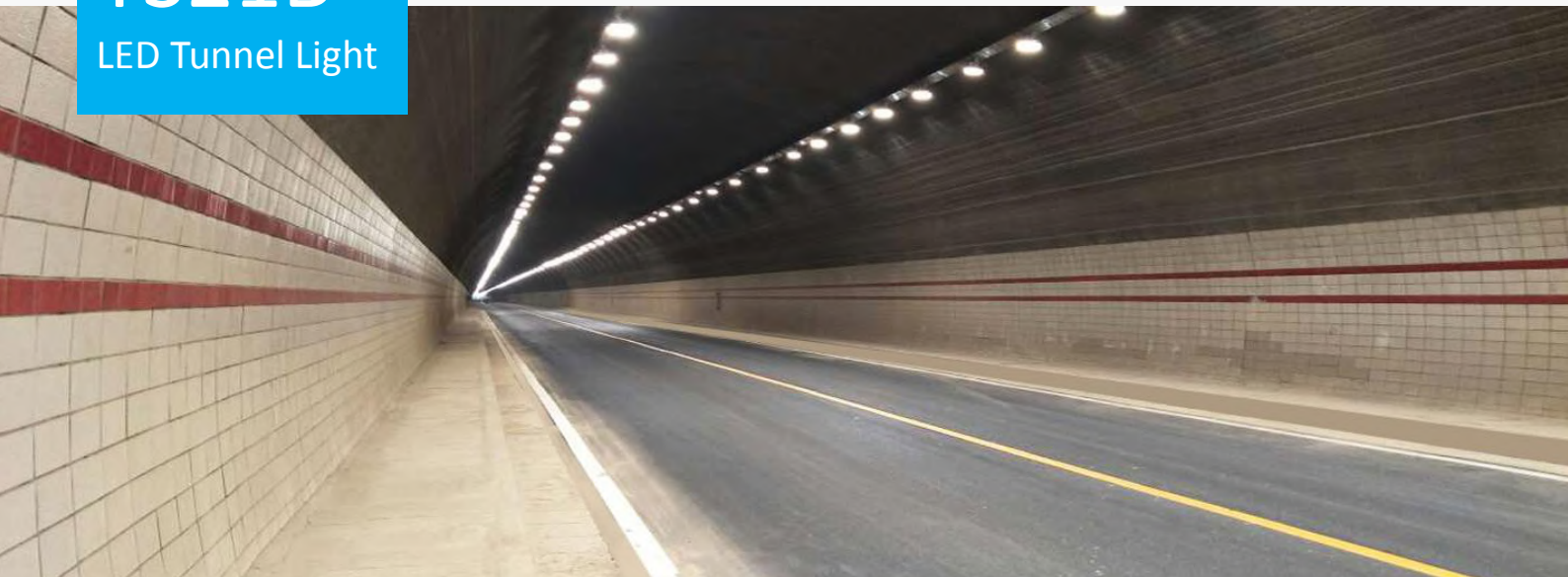


# TS21B





## LED Tunnel Light



### Specifications

<b>Input Voltage:</b>	100 ~ 277Vac
<b>Input Frequency:</b>	50 / 60Hz
<b>Power Factor:</b>	0.95
<b>Surge Protection Level:</b>	10kV line-earth
<b>Working Environment:</b>	-40°C ~ +50°C, 10% ~ 90% RH
<b>CCT:</b>	3000K, 4000K, 5000K, 5700K
<b>CRI:</b>	≥70
<b>Housing:</b>	Die-cast Aluminum
<b>IP Rating of LED Light Engine:</b>	IP68
<b>IP Rating of Luminaire:</b>	IP67
	*IP66 with tempered glass
<b>Warranty:</b>	5 Years Limited

### Finishing Colors

	Gray		Black
	White		Blue

### Features

#### Construction

- Die-cast aluminum housing.
- Unique patented IP68 LED light engines.
- Whole structure heating dissipation design with best thermal conduction and radiation.
- Optional tempered glass cover.

#### Distribution

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

#### Mounting

- L-shaped brackets adjustable in  $\pm 60^\circ$  by step of  $10^\circ$ .
- Optional U-shaped mounting bracket.

### Applications

- Tunnel Lighting  
(Tunnel, underpass, corridor....)

### Photos



# TS21B

LED Tunnel Light

## Ordering Information

Example: TS21B-N1-30-1393-7040-LU-SS-BK

Luminary Type	Module Qty.	System Power	LED Package	Cable Standard	Qty of LEDs
<b>TS</b> Tunnel light	<b>N1</b> 1 module	<b>30</b> 30W	<b>C</b> 3030	<b>A</b> CCC+VDE <b>C</b> PSE <b>H</b> UL <b>X</b> Other	<b>30</b> 30pcs
<b>21B</b> 21B series		<b>40</b> 40W			<b>40</b> 40pcs
		<b>50</b> 50W			<b>50</b> 50pcs
		<b>60</b> 60W			<b>60</b> 60pcs
Lens Code	CRI & CCT	Brand of LEDs	Driver Brand	Housing Color	
<b>1393</b> Tunnel lighting	<b>7030</b> Ra≥70, CCT 3000K <b>7040</b> Ra≥70, CCT 4000K <b>7050</b> Ra≥70, CCT 5000K <b>7057</b> Ra≥70, CCT 5700K	<b>LU</b> LUMILEDS <b>XX</b> OTHER	<b>SS</b> SOSEN <b>XX</b> OTHER	<b>BK</b> Black <b>WH</b> White <b>BU</b> Blue <b>GY</b> Gray	
<b>2213</b> Type I Short					
<b>2214</b> Lambertian Type					

## Performance

Model	Power (W)	LED Qty (pcs)	Efficacy (lm/W)	Flux (lm)	CRI	CCT (K)
TS21B	30	30	115	3450	≥70	3000, 4000, 5000, 5700
	40	40	115	4600		
	50	50	115	5750		
	60	64	115	6900		

Notes 1: Above values are calculated based on the product with CRI≥7 and CCT over 3000K, values of CCT 3000K are 5% lower than above values.

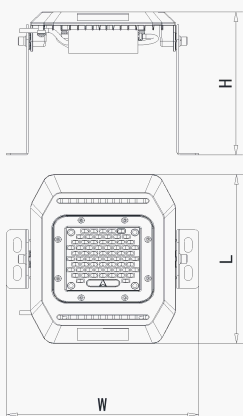
Notes 2: Values shown are subject to ±5%~±8% tolerance.

Notes 3: With optional tempered glass cover, efficacy drops by around 8%.

## Dimensions

Model	L (mm)	W (mm)	H (mm)	N.W.* (kg)
TS21B	265	260	220	2.5

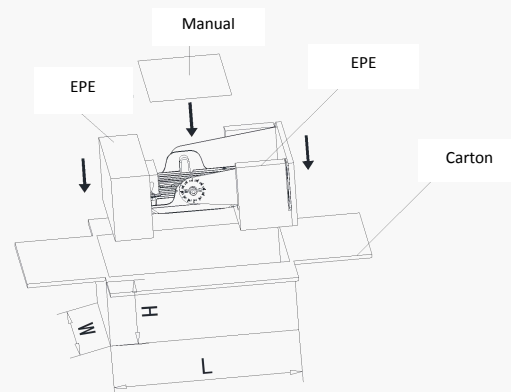
Notes: Typical values above. Tolerance of dimensions: ±5mm; of N.W.: ±5%.



## Package Information

Model	L (mm)	W (mm)	H (mm)	G.W.* (kg)
TS21B	365	290	145	3.0

Notes: Typical values above. Tolerance of dimensions: ±5mm; of G.W.: ±5%.



# TS21B

LED Tunnel Light

## Accessories

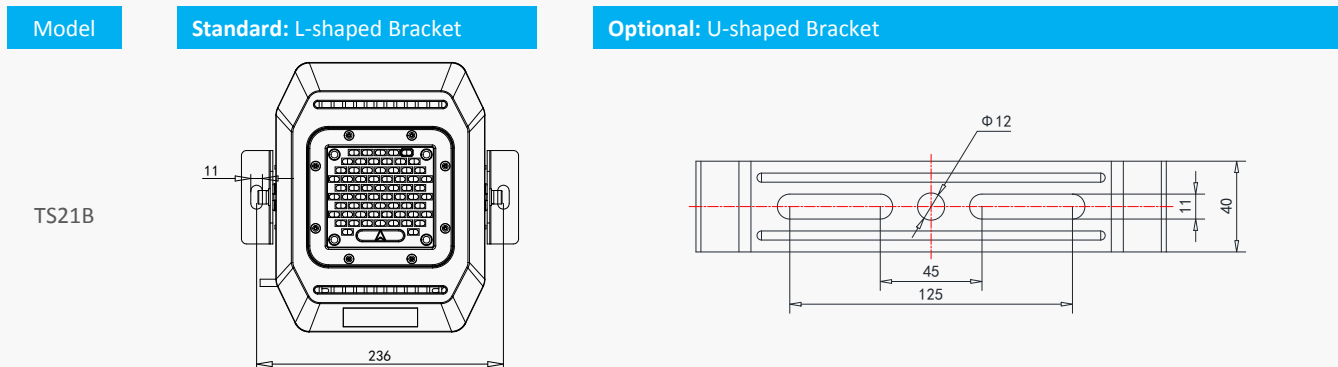


TS21B Tempered Glass Cover



TS21B U-shaped Mounting Bracket

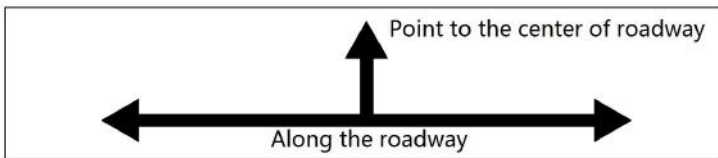
## Mounting Holes Dimensions



Notes: Typical values above. Tolerance:  $\pm 0.5\text{mm}$ .

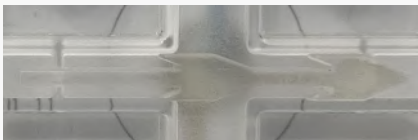
## Mounting Direction Instructions

1. If there are arrows like below on the fixture, follow the direction of the arrow in the middle as pointing to the center of the roadway instead of borders.

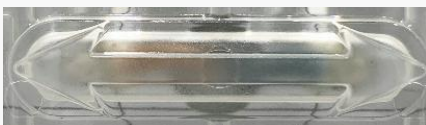


2. If there is no figure of arrows like above on the fixture, check arrows on LED module lenses.

2.1. When there is only one arrow direction on the lens, follow the direction of arrows as pointing to the center of roadway instead of borders.



2.2. When there are opposite arrows on the lens, follow the direction as arrows being along the roadway.

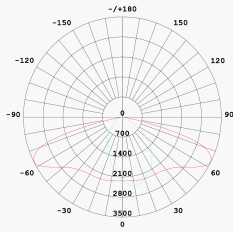


3. If there is no figure of arrow on LED module lens, it is a symmetric lighting distribution solution. No particular direction. Only adjust the brackets.

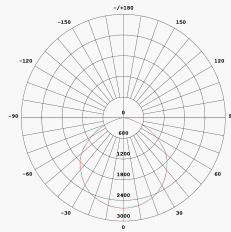
# TS21B

LED Tunnel Light

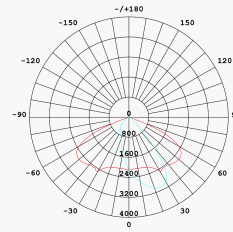
## Distributions



T1S2213



LBN2214



TL1393

## Version History

Change Date	Version	Description of Change		
		Item	From	To
2018/05/29	Ver. 2.0	Datasheets release		
2018/10/18	Ver. 2.1	IP rating of Luminaire with optional tempered glass		IP66
2019/09/25	Ver2.2	Ordering information, efficacy Installation dimensions of optional U-shaped bracket		Updated added
2019/11/04	Ver2.3	Mounting Direction Instructions		added
2020/06/01	Ver2.4	Mounting screw holes	4 holes	2 holes
		Package dimensions	345*280*140	365*290*145