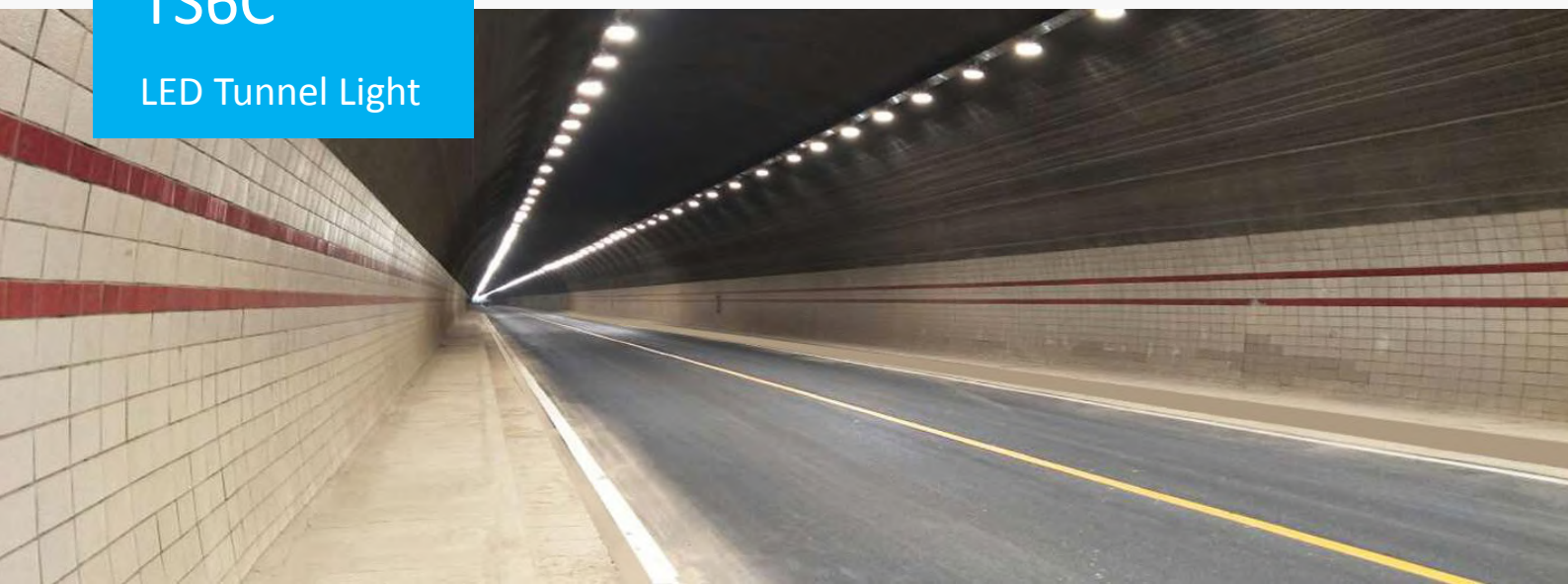


# TS6C

## 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 Casting, Galvanized Steel
<b>IP Rating of LED Engine:</b>	IP68
<b>IP Rating of LED Driver:</b>	IP67
<b>Impact Resistance</b>	IK08
<b>Warranty:</b>	5 Years Limited



### Finishing Colors

■ Gray      ■ Black

### Applications

- Tunnel lighting (tunnel, underpass, corridor...)

### Features

#### Construction

- Whole structure heating dissipation design with efficient thermal conduction and radiation.
- Unique patented IP68 LED light engine.

#### Optical

- Ergonomic and specialized lighting distributions.

#### Mounting

- Bracket adjustable within  $\pm 90^\circ$ .

### Photos



# TS6C

LED Tunnel Light

## Ordering Information

Example: TS6C-N1-60-CA-63-1390-7040-LU-MO-GY

Luminaire Type	Module Qty	System Power	LED Package	Cable Standard	LED Qty per Module	
<b>TS</b> Tunnel light	<b>N1</b> 1 Optical set	<b>40</b> 40W	<b>A</b> 3535	<b>A</b> CCC+VDE <b>C</b> PSE <b>H</b> UL <b>X</b> Others	<b>18</b> 18pcs	
<b>6C</b> 6C series		<b>50</b> 50W			<b>C</b> 3030	<b>63</b> 63pcs
		<b>60</b> 60W			<b>B</b> 5050	<b>18</b> 18pcs <b>28</b> 28pcs
Lens Code		CRI & CCT		Brand of LEDs	Driver Brand	Housing Color
<b>1501</b> Type I Short	<b>1010</b> 110degree	<b>7030</b> Ra≥70, CCT 3000K	<b>LU</b> LUMILEDS <b>CM</b> LUMILEDS Customized <b>SS</b> SAMSUNG <b>NI</b> NICHIA <b>CR</b> CREE <b>LN</b> LUMINUS <b>XX</b> Others	<b>MO</b> MOSO <b>IN</b> INVENTRONICS <b>PH</b> PHILIPS <b>MW</b> MEAN WELL <b>XX</b> Others	<b>BK</b> Black <b>GY</b> Gray	
<b>3501</b> Type I Short	<b>3010</b> Tunnel lighting	<b>7040</b> Ra≥70, CCT 4000K				
<b>3100</b> Type I Short		<b>7050</b> Ra≥70, CCT 5000K				
<b>3590</b> 90 degree		<b>7057</b> Ra≥70, CCT 5700K				
<b>2321</b> Type II Short	<b>1310</b> Lambertian type					
<b>1324</b> Type II Short	<b>1390</b> Tunnel lighting					
<b>5390</b> 90 degree						
<b>1107</b> Type I Short	<b>2310</b> Lambertian type					
<b>2105</b> Type II Short	<b>2123</b> Tunnel lighting					
<b>2190</b> 90 degree						

## Performance

Model	Power (W)	Module M1A/M2A-VA-18		Module M8B-VC-63		Module M16B-VB-18		Module M16B-VB-28	
		Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)
TS6C	40	130	5200	135	5400	152	6080	168	6720
	50	122	6100	130	6500	145	7250	163	8150
	60	117	7020	122	7320	133	7980	155	9300

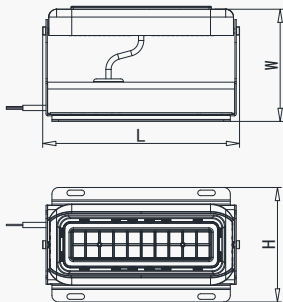
Note: 1. Values shown are subject to ±5%~±8% tolerance.

2. Efficacy of Ra70 3000K is 5% lower than other CCT≥4000K.

## Product Dimensions

Model	L (mm)	W (mm)	H (mm)	N.W. (kg)
TS6C	305	175	170	3.5

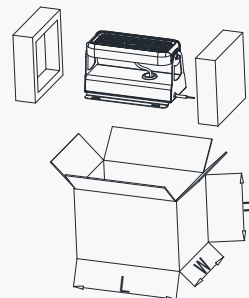
Notes: Typical values above. N.W. tolerance: 5%. Dimension tolerance: ± 5



## Package Information

Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
TS6C	340	235	235	4.0

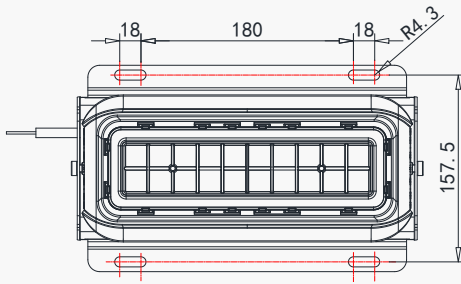
Notes: Typical values above. G.W. tolerance: 5%. Dimension tolerance: ± 5



# TS6C

LED Tunnel Light

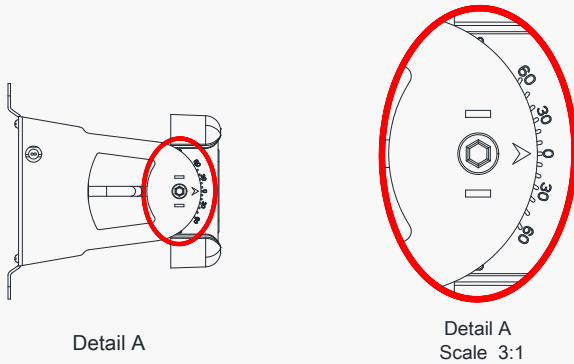
## Mounting Holes Dimensions



Tolerance:  $\pm 0.5$

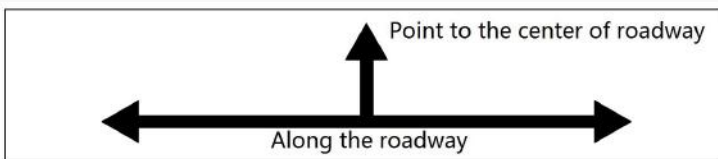
## Bracket Tilt

Adjustment Range:  $\pm 90^\circ$



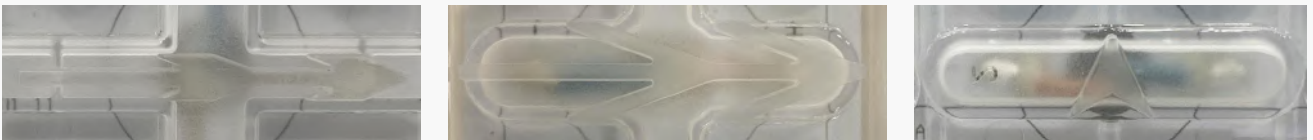
## Mounting Direction Instructions

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.

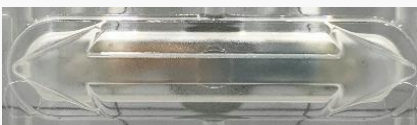


2. If there is no figure of arrows like above on the fixture, check arrows on LED module lenses.

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



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

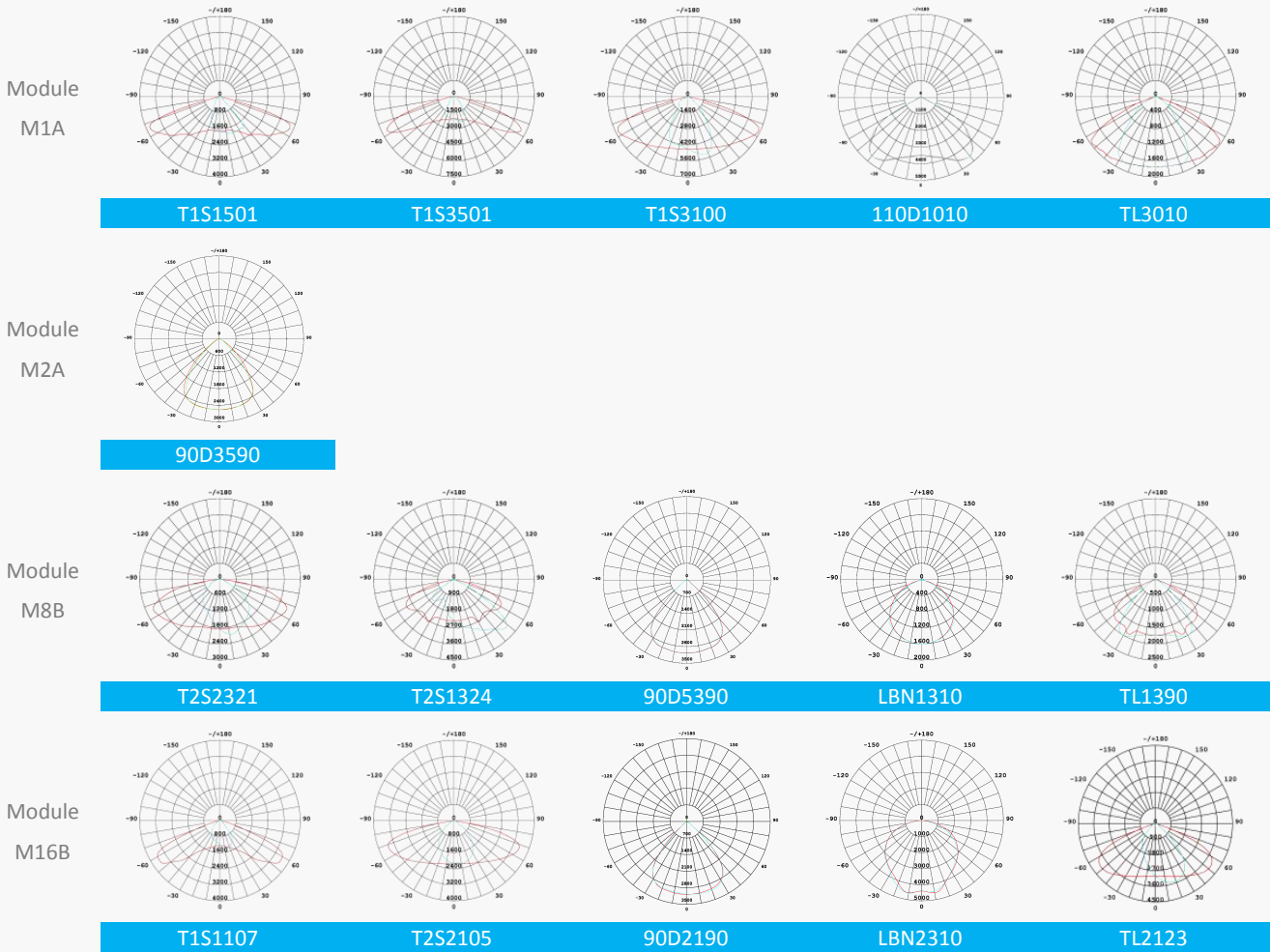


3. If there is no figure of arrow on LED module lens, it is a symmetric lighting distribution solution. No particular direction. Only adjust the brackets.

# TS6C

LED Tunnel Light

## Typical Distributions



## Version History

Change Date	Version	Item	Description of Change	
			From	To
2019/10/28	Ver3.0	Datasheet in new format Efficacy improved	/	/