

TS6B




LED Tunnel Light



Specifications

Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	10kV line-earth
Working Environment:	-40°C ~ +50°C, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70
Housing:	Die Casting, Tempered Glass
IP Rating of LED Engine:	IP68
IP Rating of Luminaire:	IP65 *IP67 without tempered glass
Impact Resistance	IK08
Warranty:	5 Years Limited

Finishing Colors

	Gray		Black
	White		

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.
- Linear design, can be applied as a wall washer;
- Tempered glass over optical lens, easy for cleaning.

Electrical

- Flexible to reach desired power consumption by choosing appropriate light engines.
- Unmatched lighting performance, driver stability and desirable lifespan.

Optical

- Ergonomic and specialized lighting distributions.

Mounting

- Bracket adjustable within $\pm 60^\circ$.

Photos



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LED Tunnel Light

Ordering Information

Example: TS6B-2-120-M8B-CA-63-1390-7040-LU-MO-GY

Luminaire Type	Module Qty	System Power	LED Module	LED Package	Cable Standard	LED Qty per Module
TS Tunnel light	1 1 module	40 40W	M1A M1A module	A 3535	A CCC+VDE	18 18pcs
	2 2modules	50 50W	M2A M2A module			
6B 6B series	3 3modules	60 60W	M8B M8B module	C 3030	C PSE	63 63pcs
		80 80W				
		100 100W				
		120 120W				
		150 150W				
180 180W						

Lens Code	CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
1501 Type I Short	1010 110degree	7030 Ra≥70, CCT 3000K	LU MOSO	BK Black
3501 Type I Short	3010 Tunnel lighting	7040 Ra≥70, CCT 4000K	SS SAMSUNG	WH White
3100 Type I Short		7050 Ra≥70, CCT 5000K	NI NICHIA	GY Gray
3590 90 degree		7057 Ra≥70, CCT 5700K	CR CREE	
			XX Others	
2321 Type II Short	1310 Lambertian type			
1324 Type II Short	1390 Tunnel lighting			
5390 90 degree				

Performance

Model	Power (W)	Module M1A/M2A-VA-18		Module M8B-VC-63	
		Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)
TS6B-1	40	119	4760	124	4960
	50	112	5600	119	5950
	60	107	6420	112	6720
TS6B-2	80	126	10080	128	10240
	100	119	11900	124	12400
	120	112	13440	116	13920
TS6B-3	120	126	15120	128	15360
	150	119	17850	124	18600
	180	112	20160	116	20880

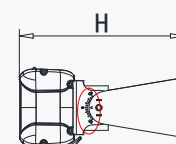
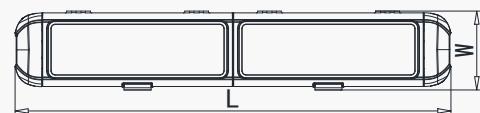
Note: 1. Typical values above. Based on transmittance of glass as 92%, efficacy values are subject to tolerance of 5%.

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

Product Dimensions

Model	L (mm)	W (mm)	H (mm)	N.W. (kg)	Bracket Tilt Range
TS6B-1	390	135	250	3.2	±60°
TS6B-2	695	135	250	6.3	±60°
TS6B-3	1000	135	250	7.8	±60°

Note: Typical values above. Tolerance of N.W.: ±5%. Tolerance of L/ W/ H: ±5mm



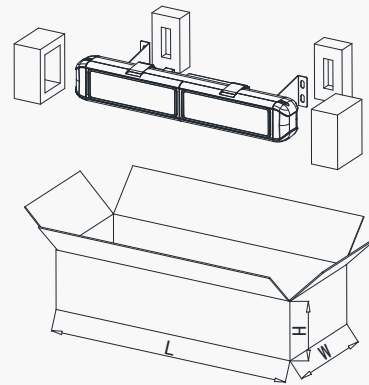
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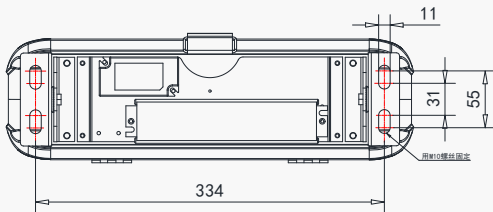
Package Information

Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
TS6B-1	455	315	180	3.9
TS6B-2	760	315	180	7.3
TS6B-3	1065	315	180	9.0

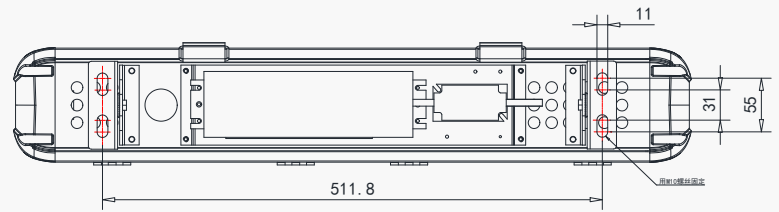
Note: Typical values above. Tolerance of G.W.: ±5%. Tolerance of L/ W/ H: ±5mm



Mounting Holes Dimensions



TS6B-1

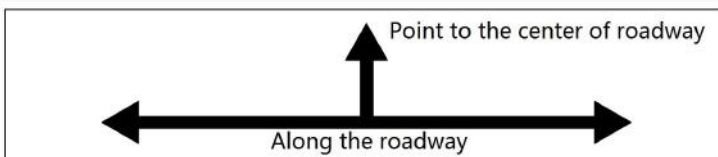


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Tolerance: ± 0.5mm

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.

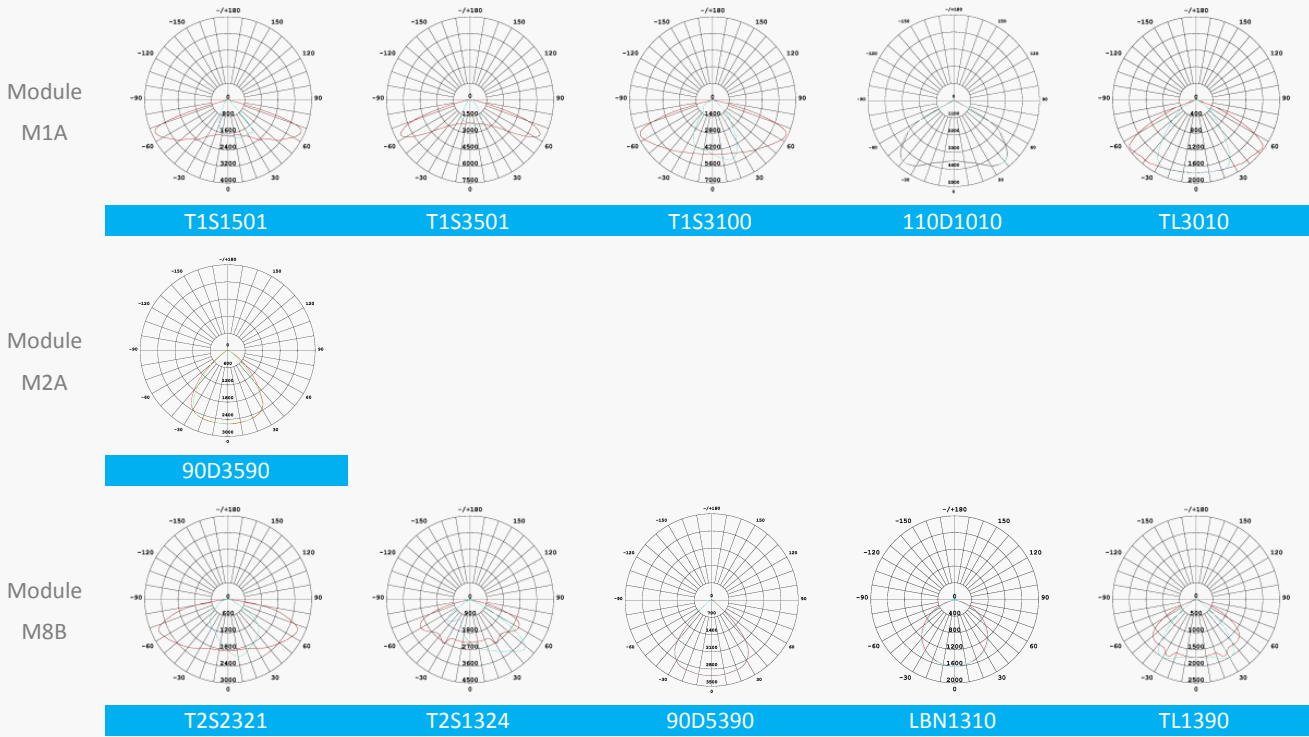


3. If there is no figure of arrow on LED module lens, it is a symmetric lighting distribution solution. No particular direction. Only adjust the brackets.

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Typical Distributions



Version History

Change Date	Version	Description of Change		
		Item	From	To
2019/10/28	Ver2.0	Datasheet in new format	/	/