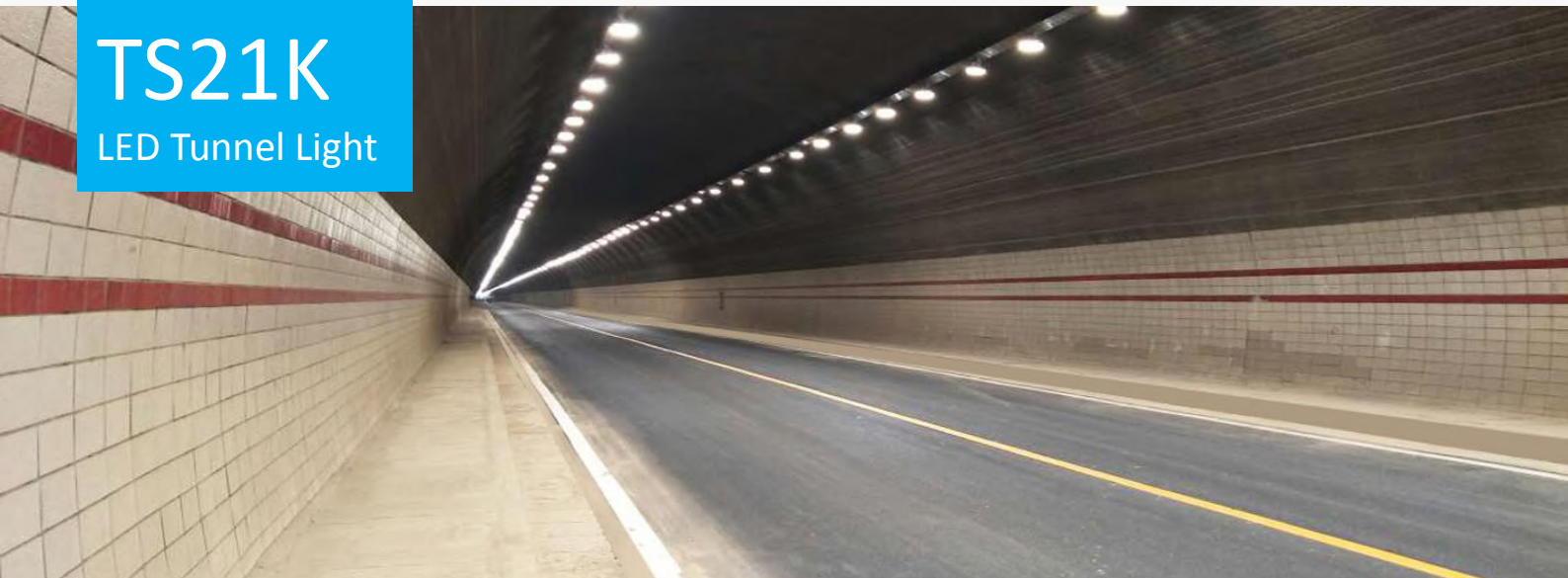


TS21H

TS21K

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-cast Aluminum
IP Rating of LED Engine:	IP68
IP Rating of Luminaire:	IP67
Warranty:	5 Years Limited

Finishing Colors

	Gray		Black
	White		Dark Gray

Applications

Tunnel lighting (tunnel, underpass....)

Features

Construction

- Die-cast aluminum heat sink. Whole structure heating dissipation design with best thermal conduction and radiation.
- Unique patented IP68 LED light engines.

Distribution

- Ergonomic and dedicated lighting distributions are available for tunnel lighting.

Mounting

- L-shaped brackets adjustable in 360°, step-less.

Photos



TS21H & TS21K

LED Tunnel Light

Ordering Information

Example: TS21K-N1-60-CA-63-1390-7040-LU-MO-GY

Luminary Type	Module Qty.	System Power	LED Package	Cable Standard	Qty of LEDs
TS Tunnel light	N1 1 module	20 20W	C 3030	A CCC+VDE C PSE H UL X Other	20 20pcs
21H 21H series		30 30W			35 35pcs
21K 21K series		40 40W			45 45pcs
		50 50W			63 63pcs
60 60W					
Lens Code		CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
2519 Type I Short		7030 Ra≥70, CCT 3000K	LU LUMILEDS	IN INVENTRONICS	BK Black
2321 Type II Short		7040 Ra≥70, CCT 4000K	SN SANAN	MO MOSO	WH White
5390 90 degree		7050 Ra≥70, CCT 5000K	XX OTHER	SS SOSEN	BU Blue
1310 Lambertian type		7057 Ra≥70, CCT 5700K		XX OTHER	GY Gray
1390 Tunnel lighting					

Performance

Model	Power (W)	LED Qty (pcs)	Efficacy (lm/W)	Flux (lm)
TS21H	20	20	117	2340
	30	35	120	3600
	40	45	122	4880
TS21K	40	63	135	5400
	50	63	130	6500
	60	63	122	7320

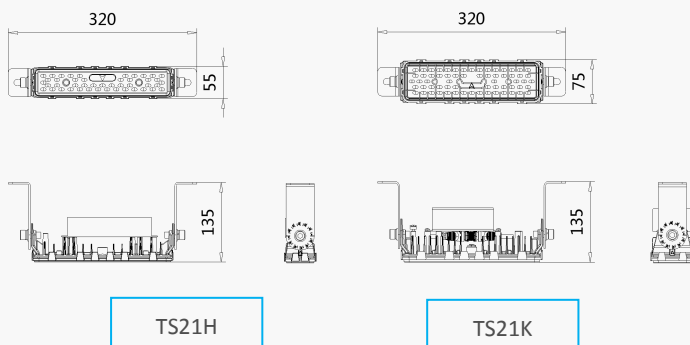
Notes 1: Above values are calculated based on the product with CRI≥7 and CCT over 3000K, values of CCT 3000K are 5% lower than above values.

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

Dimensions

Model	L (mm)	W (mm)	H (mm)	N.W.* (kg)
TS21H	320	55	135	1.4
TS21K	320	75	135	1.6

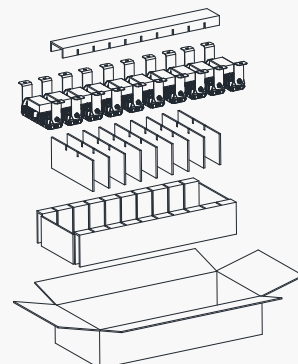
Notes: Typical values above, subject to tolerance of ±5mm on dimensions



Package Information

Model	L (mm)	W (mm)	H (mm)	PC/CTN	G.W.* (kg)
TS21H	820	380	180	10	16.3
TS21K	820	380	180	10	18.3

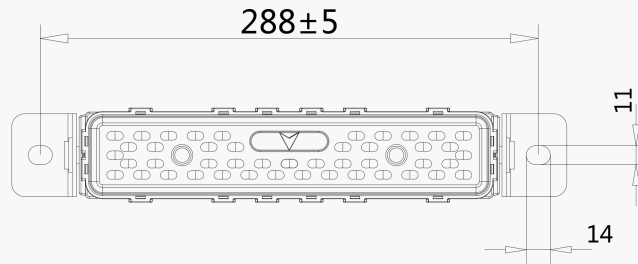
Notes: Typical values above, subject to tolerance of ±5mm on dimensions.



TS21H & TS21K

LED Tunnel Light

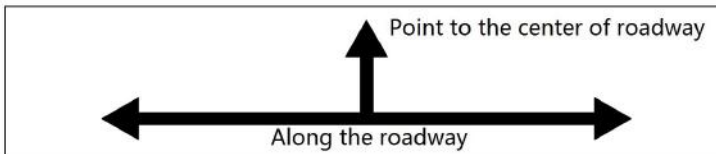
Mounting Holes Dimensions



Notes: Typical values above, subject to tolerance of ± 0.5 mm on dimensions

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.

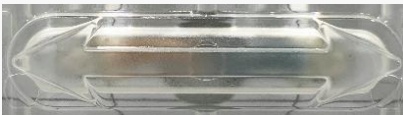


2. If there is no figure of arrows like above on the fixture, check arrows on LED module lenses.

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.



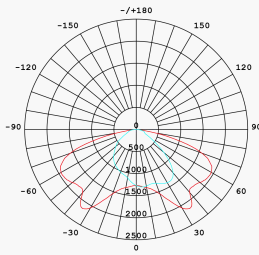
3. If there is no figure of arrow on LED module lens, it is a symmetric lighting distribution solution. No particular direction. Only adjust the brackets.

TS21H & TS21K

LED Tunnel Light

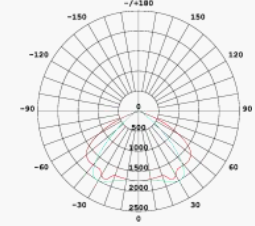
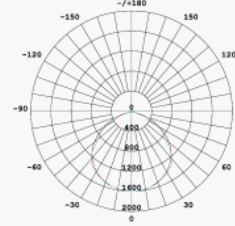
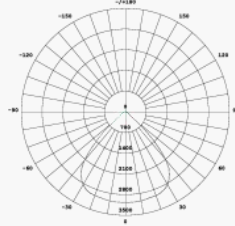
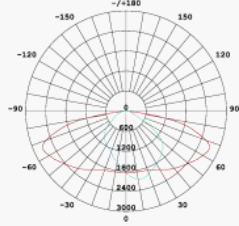
Distributions

TS21H



T1S2519

TS21K



T2S2321

90D5390

LBN1310

TL1390

Version History

Change Date	Version	Description of Change		
		Item	From	To
2021/04/06	Ver. 1.0	Datasheets release	/	/
2021/05/12	Ver. 1.1	TS2H to add 20W and 30W solutions	/	20W, 30W available