

# Runway & Taxiway Elevated Lights

## MITL

### Medium Intensity Taxiway Edge Light – LED

#### Compliances:

FAA AC 150/5345-46 Current Edition: L-861T  
ICAO Annex 14 - Blue 5.3.18 (pending)  
Canada TP312 Blue 5.3.22 and Table 5B-1  
RoHS Compliant



#### Applications

The MITL is an LED fixture used as a medium intensity taxiway edge light.

#### Features



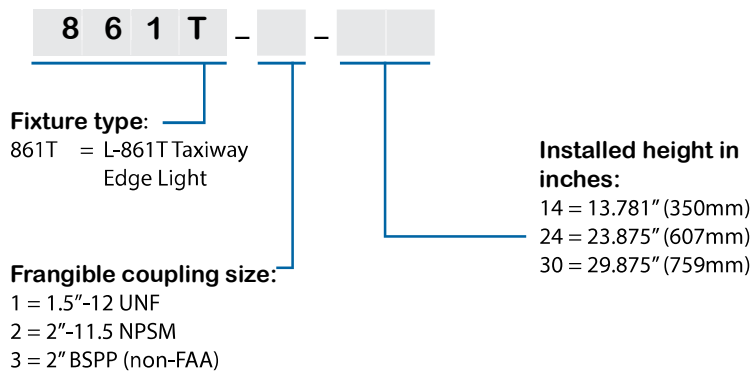
- ETL Certified
- Convenient self locking upper assembly designed for tool free dome replacement
- Aerodynamically engineered for a low profile with an optically enhanced dome
- Three-screw leveling with hex head bolts
- Integrated single piece PCB assembly.
- Available in installed heights of 14 inches (350mm), 24 inches (607mm) and 30 inches (759mm)
- Engineered to provide high quality for a economical price
- Compatible with 1.5" and 2" baseplate hubs
- Long life LED technology with rated life (L70) greater than 50,000 hours at 6.6A
- Highly durable steel housing and integrated column, painted yellow
- Up to 5-step constant current operation
- LED and electronics housed in IP54 rated assembly
- Typical fixture in-rush voltage of 1.5V

#### Ordering Information

How to order: A complete assembly will consist of separate order items for the MITL fixture, stake or baseplate with base or junction box with cover, isolation transformer and L-823 connector kit.

The standard version of taxiway edge light is 861T-1-14-0, an FAA compliant fixture featuring a 1.5" diameter coupling, 14" installed height with no arctic kit.

Example: 861T-1-24 is a 24" installed height omnidirectional fixture with FAA specification compliant blue light and a 1.5" frangible coupling.



Dimensions:	Inches (mm)
Instruction Manual:	1319
Shipping Weight:	2.8 lbs. 1.27 kg.
Shipping Volume:	0.15 cu. ft. 0.004 cu. m.

Nominal fixture height, inches (mm)	Fixture installed height in base plates AP1935, AP1932 or AP1932BSP at grade, inches (mm)
14.0 (355.6)	13.78 (350)
24.0 (609.6)	23.88 (606)
30.0 (762.0)	29.88 (759)

Compliance	Catalog number	VA	Power factor	Transformer
FAA	861T	25	0.99	20/25W

## Accessories

Description	Catalog number	Shipping weight		Shipping volume	
		lbs.	kg.	cu. ft.	cu. m.
Base L867, Class I, 24" deep	AC21242H200301	52	23.6	2.60	0.074
Baseplate 1.5" hub, painted steel	AP1935	8	3.6	0.14	0.004
Baseplate 2" hub, painted steel	AP1932	8	3.3	0.14	0.004
Isolation transformer 20/25W	TA025666-01				
Stake assembly, 1.5" hub	AW2205	8	3.6	0.20	0.006
Stake assembly, 2" hub	AW2202	8	3.6	0.20	0.006

## Renewal Parts

Item description	Catalog number	Item description	Catalog number
6.6A LED power supply and EMI shield	50762	Column, 24"	50737-24
Blue globe and globe gasket assembly	50760	Column, 30"	50737-30
Frangible coupling, 1.5" (and cord grip)	50761-1		
Frangible coupling, 2" (and cord grip)	50761-2		
Column, 14"	50737-14		