

TEL

Omnidirectional Taxiway Edge Light-LED

Compliances:
 FAA AC 150/5345-46: L-861 Series
 ICAO Annex 14



Applications

The TEL Model 5 is used as a medium intensity, taxiway edge light, for constant current circuits.

Features



- ETL Certified (Blue only)
- Blue or Red glass globe for day light recognition
- Durable high impact sealing boot
- Single piece die-cast aluminum body
- Adjustable height
- Breakable coupling for stake, baseplate, or junction box mounting
- Constant current operation
- Available standard with 1.5 inch or optional 2 inch frangible coupling
- Long life LED
- Internally mounted, sealed, electronic power supply
- Direct replacement on existing baseplate
- Complies with the intensity curve requirements for 3-step or 5-step circuits, 50/60 Hz.
- Power Consumption - Lumen intensity steps powered by series circuit (6.6a/20a with proper isolation transformer)
- Non-Arctic Kit - Max fixture load 9.2W, 11.2VA, PF=.82, Isolation transformer required 10/15 W
- Arctic Kit - Max fixture load 25.7W, 30VA, PF=.96, Isolation transformer required 30/45 W

Ordering Information

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

8 6 1 5 - T 5 - B - 0 6 6 - - -

Fixture Type:
 8615 = FAA L-861, 5 LED

Type:
 T5 = Taxiway

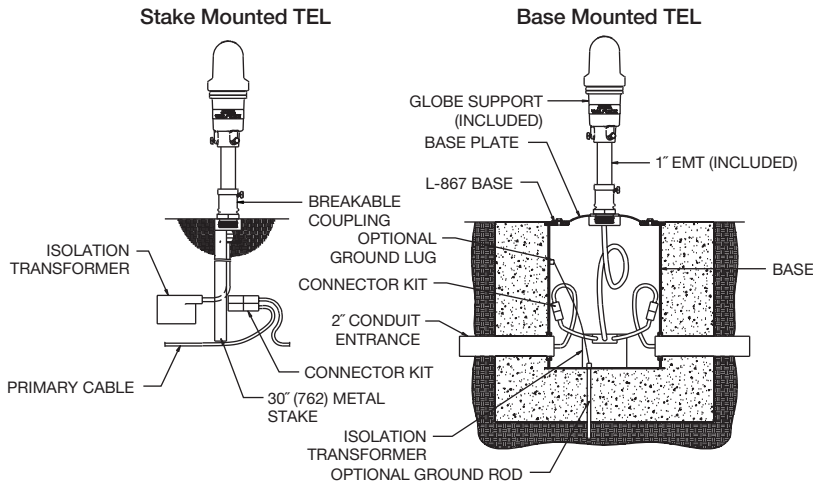
Beam Color:
 B = Blue

Input Power:
 066 = 6.6A Constant Current

Height (Inches):
 14 inches Standard
 18 inches
 22 inches
 24 inches
 30 inches (Maximum)

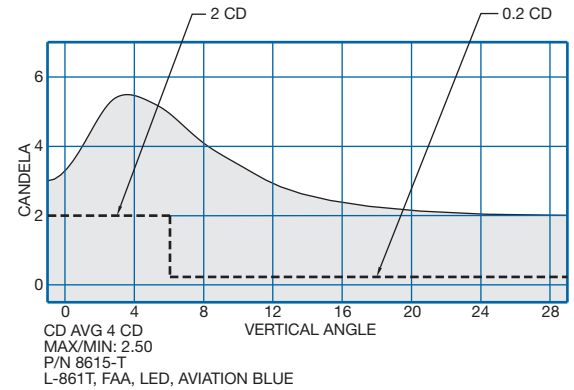
Options:
 1 = Arctic Kit
 2 = 2" NPS Aluminum Frangible Coupling
 4 = No Stainless Steel Band

Installation Drawings



Note: All current 6.6A versions include a lead with L-823 plug.

Dimensions:	inches (mm)
Instruction Sheets:	1027
Shipping Weight:	3 lbs. 1.4 kg.
Shipping Volume:	0.1 cu.ft. .003 cu.m.



Accessories

Description	Catalog Number	Shipping Weight		Shipping Volume	
		lb.	kg.	cu.ft.	cu.m.
Base L-867, 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	3.6	0.14	0.004
Connector Kit L-823, 8 AWG, 0.32" to 0.43" O.D.*	823KP-D4-D4				
Leveling Device	50400				
Stake Assembly, 1.5" HUB	AW2205	8	3.6	0.2	0.006
Stake Assembly, 2" HUB	AW2202	8	3.6	0.2	0.006
Transformer L-830-1, 6.6/6.6A - 10/15w	33015				
Transformer L-830-1, 6.6/6.6A - 30/45w	33001	8	3.6	0.2	0.006

Renewal Parts

Description	Part Number	Description	Part Number
1" EMT Extension (14')	40878-13P	Lead Assembly 14 inch	50398-2
1" EMT Extension (18')	40878-14P	Lead Assembly 20 inch	50398-3
1" EMT Extension (24')	40878-15P	Lead Assembly 26 inch	50398-4
1" EMT Extension (30')	40878-16P	LED Power Supply – Arctic/Heater	50578
Blue Globe - Glass*	50380	LED Power Supply – Non-Arctic/No Heater	50577
Frangible Coupling – Aluminum 1.5 Inch	50186	O-Ring Seal	10035-63-230
Frangible Coupling – Aluminum 2 Inch	50184	S.S. T-Band	10037-883
Globe Support Assembly	50390	Sealing Boot	50388
Globe/Heatsink Assembly with LED & Arctic Kit (Lens, LED, Heatsink, Globe with Heater) (Blue)	50527	Thermal Tape for Housing/Heatsink	50396
Heatsink Assembly with LED (Lens, LED, Heatsink) (Blue)	50430		

* Non Arctic Kit model only

