



LED Runway Edge Light FAA L-861, L-861E

Compliance and Applications

Certified to FAA AC 150/5345-46 (Current Edition)
FAA Engineering Brief No. 67

Our ETL Certified L-861 LED Runway Edge Lights are used to identify the runway edge and threshold/end at general aviation and medium-sized airports. Each L-861 is constructed from a die cast aluminum body, powder coated in aviation yellow. The L-861s feature long-life LEDs that reduce power consumption, increase reliability and reduce operating costs. A rugged cord is included with a rubberized L-823 style connector to connect to the secondary of a 6.6A isolation transformer. Each L-861 includes a 1.5" (standard) or 2.0" frangible coupling to attach the fixture to a L-867 style base plate or mounting stake. Standard mounting heights are 14, 24 and 30 inches.

Features

- Applicable for L-861 (L) and L-861E (L) requirements.
- Colored glass lens for easy daytime recognition.
- Double sealing system creates watertight head assembly.
- Rugged solid state components.
- Complies with intensity requirements on 3 or 5 step regulators.
- Durable powder coat finish lasts longer.
- Reduces power consumption.
- Long-life LEDs.
- Cord set sealed to prevent insect entry.
- Threaded 1.5" frangible coupling or optional 2" thread matches existing baseplates/stakes.



75-861L-CY



75-861L-GR



75-861L-C-141

Ordering Codes

Fixture	Lens Colors	Mounting Height ¹	Fixture Options
75-861L	C: Clear	14: 14" (standard)	1: 1.5" Frangible Coupling (FL-FC1.5) 2: 2" Frangible Coupling (FL-FC2.0) 5: Optional heater ² V: 90-260 VAC (not ETL certified)
	CG: Clear/Green	20: 20" (extended)	
	CR: Clear/Red	24: 24" (extended)	
	CY: Clear/Yellow	30: 30" (extended)	
	G: Green		
	GR: Green/Red		
	GX: Green/Blank		
	GY: Green/Yellow		
	R: Red		
	RY: Red/Yellow		
	Y: Yellow		

¹ Other heights available. ² Heater only available with 6.6A fixtures.



VA Loads

WITHOUT HEATER		
Color	VA Load*	Transformer Size
Clear	21.12	20/25W
Clear/Green	15.84	10/15W
Clear/Red	21.12	20/25W
Clear/Yellow	21.12	20/25W
Green	15.84	10/15W
Green/Red	14.52	10/15W
Green/Blank	13.20	10/15W
Green/Yellow	15.84	10/15W
Red	21.12	20/25W
Red/Yellow	21.12	20/25W
Yellow	21.12	20/25W

WITH HEATER		
Color	VA Load*	Transformer Size
Clear	37.62	30/45W
Clear/Green	35.64	30/45W
Clear/Red	37.62	30/45W
Clear/Yellow	37.62	30/45W
Green	35.64	30/45W
Green/Red	33.00	30/45W
Green/Blank	29.70	30/45W
Green/Yellow	35.64	30/45W
Red	37.62	30/45W
Red/Yellow	37.62	30/45W
Yellow	37.62	30/45W

* VA loads are applicable for certified lights.