



L-861 (L) LED Edge Light

Certified to FAA AC 150/5345-46 (Current Edition)

FAA Engineering Brief No. 67

Industry-leading performance and energy efficiency

Highlights

- Applicable for L-861T (L), L-861 (L) and L-861E (L) requirements
- Colored glass lens for easy day time 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

General Catalog Numbers

ALC-861L-□□-□□-□

Lens Colors

- BB=Blue
- CC=Clear
- CY=Clear/Yellow
- GG=Green
- GC=Green/Clear
- GO=Green/Obscure
- GY=Green/Yellow
- RR=Red
- RC=Red/Clear
- RG=Red/Green
- RY=Red/Yellow
- YY=Yellow

Height

- 14=14"
- 20=20"
- 24=24"
- 30=30"
- Other heights available

Options

- 2=Frangible coupling with 2" thread for 1" dia. column
- 5=Optional heater
- V=90-260 VAC *Not ETL certified

Example: ALC-861L-RG-24-5 is 24" high with a red/green lens and an optional heater



Head Assemblies

Includes housing, LED module, cord, and gasket
 #861L-ZZ-XXLED
 #861L-ZZ-XX-V.....LED (Voltage)
 ZZ = Fixture color
 XX = Overall height of fixture -14", 20", 24" or 30" - other heights available

Connector Cords

#766L-XLED
 X = Overall height of fixture -14", 20", 24" or 30" - other heights available

Lenses

#61L-XXLED
 XX = Lens color
 *Including ring

Columns

#61C-14 7" (14" overall height of fixture)
 #61C-20 13" (20" overall height of fixture)
 #61C-24 17" (24" overall height of fixture)
 #61C-30 23" (30" overall height of fixture)
 Other heights available

Other

#61-GSK..... Lens Gasket
 #58Frangible Coupling
 1.5" thread for 1" dia. column
 #58-2Frangible Coupling
 2" thread for 1" dia. column

Accessories

#34-16L-830-16 10/15W Transformer
 #34-17L-830-17 20/25W Transformer
 #34-1L-830-1 30/45W Transformer
 #82-D4 ...L-823 Primary Connector Kit - #8 AWG
 #82-S-D4.....L-823 Super Connector Kit
 #71L-867B 12" baseplate 1.5" hub
 #72 L-867B 12" baseplate 2" hub
 #80 .. Heat shrink tubing - adhesive throughout
 #81 Heat shrink tubing - adhesive ends only

VA Loads

Without Heater		
Color	VA Load*	Transformer Size
Blue	11.22	10/15W
Green/Obscure	13.20	10/15W
Red/Green	14.52	10/15W
Green/Yellow	15.84	10/15W
Clear	21.12	20/25W
Clear/Yellow	21.12	20/25W
Green	15.84	10/15W
Green/Clear	15.84	10/15W
Red	21.12	20/25W
Red/Clear	21.12	20/25W
Red/Yellow	21.12	20/25W
Yellow	21.12	20/25W

With Heater		
Color	VA Load*	Transformer Size
Blue	24.42	20/25W
Green/Obscure	29.70	30/45W
Red/Green	33.00	30/45W
Green/Yellow	35.64	30/45W
Clear	37.62	30/45W
Clear/Yellow	37.62	30/45W
Green	35.64	30/45W
Green/Clear	35.64	30/45W
Red	37.62	30/45W
Red/Clear	37.62	30/45W
Red/Yellow	37.62	30/45W
Yellow	37.62	30/45W

*VA loads are applicable for certified lights