



AirportLightingCompany

Medium Intensity Light LED



ALC-861L-RG-14



ALC-861L-BB-14



ALC-861L-CY-14

Compliances (Current Editions)

FAA: AC 150/5345-46 and Engineering Brief No. 67, ETL Certified

Canada: TP 312, para. 5.3.12.7 and Appendix 5B Table 5B-1



Application

Runway Edge, Threshold/End, Non Precision Instrument Flight Rules, Displaced Threshold, Taxiway Edge, Apron Edge

Key Features

- The average LED life is 100,000 hours high intensity / 180,000 hours under typical operating conditions
- 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/Opaque
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 (6.6A only)
V = 90-260 VAC Style 6 plug*
VS = 90-260 VAC Style A plug* includes Flange for desktop

*Not ETL certified

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



Parts

Head Assemblies

Includes housing, LED module, cord, and gasket

#861L-ZZ-XX	Head Assembly LED
#861L-ZZ-XX-L	Head Assembly W/LENS
#861L-ZZ-XX-V	Head Assembly LED (Voltage)*

ZZ = Fixture color

XX = Overall height of fixture -14", 20", 24" or 30" - other heights available

* - Style 6 plug

Connector Cords

#766L-X	Cord
---------	------

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

Lenses

#61L-XX	Lens
---------	------

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
#58	Frangible Coupling 1.5" thread for 1" dia. column
#58-2	Frangible Coupling 2" thread for 1" dia. column

Accessories

#34-010666	L-830-16 10/15W Transformer
#34-020666	L-830-17 20/25W Transformer
#34-030666	L-830-1 30/45W Transformer
#82-D4	L-823 Primary Connector Kit - #8 AWG
#82-S-D4	L-823 Super Connector Kit
#71	L-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

Volt / Amp Loads

Without Heater

Color	VA Load*	Transformer Size
Blue	10.4	10/15W
Green/Opaque	13.20	10/15W
Red/Green	15.5	10/15W
Green/Yellow	22.1	20/25W
Clear	25.8	20/25W
Clear/Yellow	25.8	20/25W
Green	15.84	10/15W
Green/Clear	15.84	10/15W
Red	25.8	20/25W
Red/Clear	25.8	20/25W
Red/Yellow	25.8	20/25W
Yellow	25.8	20/25W

With Heater

Color	VA Load*	Transformer Size
Blue	24.42	20/25W
Green/Opaque	29.70	30/45W
Red/Green	33.00	30/45W
Green/Yellow	37.64	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



Parts

Replacement Light Engine, Lens, and Driver Board Part Numbers

Type	Color	Light Engine	Driver Board
L861	Clear	861LEDMOD-CC	61PCB-PWR-HC
L861	Clear / Yellow	861LEDMOD-CC	61PCB-PWR-HC
L861	Clear / Red	861LEDMOD-CC	61PCB-PWR-HC
L861	Yellow	861LEDMOD-CC	61PCB-PWR-HC
L861	Yellow / Red	861LEDMOD-CC	61PCB-PWR-HC
L861	Green	861LEDMOD-GG	61PCB-PWR-LC-GG
L861	Green / Clear	861LEDMOD-GC	61PCB-PWR-LC-GC
L861	Green / Yellow	861LEDMOD-GY	61PCB-PWR-LC-GY
L861	Red	861LEDMOD-CC	61PCB-PWR-HC-RR
L861E	Red / Green	861LEDMOD-RG	61PCB-PWR-LC-RG
L861E	Green / Opaque	861LEDMOD-GO	61PCB-PWR-LC-GO
L861T	Blue	861LEDMOD-BB	61PCB-PWR-LC