

# L-861, L-861E & L-861T Quartz Medium Intensity Runway/Taxiway Light



(Shown with optional base.)

## COMPLIANCES

L-861, L-861E, L-861T  
FAA AC 150/5345-46 (current edition)

ETL Certified

Meets "Buy American" requirements.



## PRODUCT APPLICATION

The Astronics DME L-861 Quartz elevated runway fixture is used on runway edge and non-precision IFR runways. The L-861E is used on runway threshold/end, non-precision IFR runways, and declared distance. The L-861T taxiway edge light is used to define taxiways.

## FEATURES

- Die cast aluminum body.
- Quick release stainless steel clamp allows for easy lamp changes.
- All materials are corrosion resistant.
- Lens is keyed to ensure proper runway orientation.
- Easy to maintain; no special tools needed.
- Available in heights from 14-30 inches.

## ELEVATED LIGHTS - 1.1

### ORDERING INFORMATION

**L-861 Order Number:** L861-066 X(X) XX XX M

**Fixture Type:** \_\_\_\_\_

**Lens Color:**  
 WY = Bidirectional White/Yellow  
 WR = Bidirectional White/Red  
 Y = Omnidirectional Yellow  
 W = Omnidirectional White  
 YR = Bidirectional Yellow/Red  
 GY = Bidirectional Green/Yellow

**Lamp Type:**  
 30 = 30W 6.6A Quartz Halogen\*  
 45 = 45W 6.6A Quartz Halogen

**Fixture Height:**  
 14 = 14 inches overall height (standard)  
 24 = 24 inches overall height  
 30 = 30 inches overall height  
 \* Not ETL Certified

**L-861E Order Number:** L861E-066 X(X) 1 XX M

**Fixture Type:** \_\_\_\_\_

**Lens Color:**  
 R = Bidirectional Red  
 RG = Bidirectional Red/Green  
 G = Unidirectional Green

**Lamp Type:**  
 1 = 45W 6.6A Quartz Halogen

**Fixture Height:**  
 14 = 14 inches overall height (standard)  
 24 = 24 inches overall height  
 30 = 30 inches overall height

**L-861T Order Number:** L861T-066 B XX XX M

**Fixture Type:** \_\_\_\_\_

**Lens Color:** Omnidirectional Blue

**Lamp Type:**  
 30 = 30W 6.6A Quartz Halogen  
 45 = 45W 6.6A Quartz Halogen

**Fixture Height:**  
 14 = 14 inches overall height (standard)  
 24 = 24 inches overall height  
 30 = 30 inches overall height

## RENEWAL PARTS

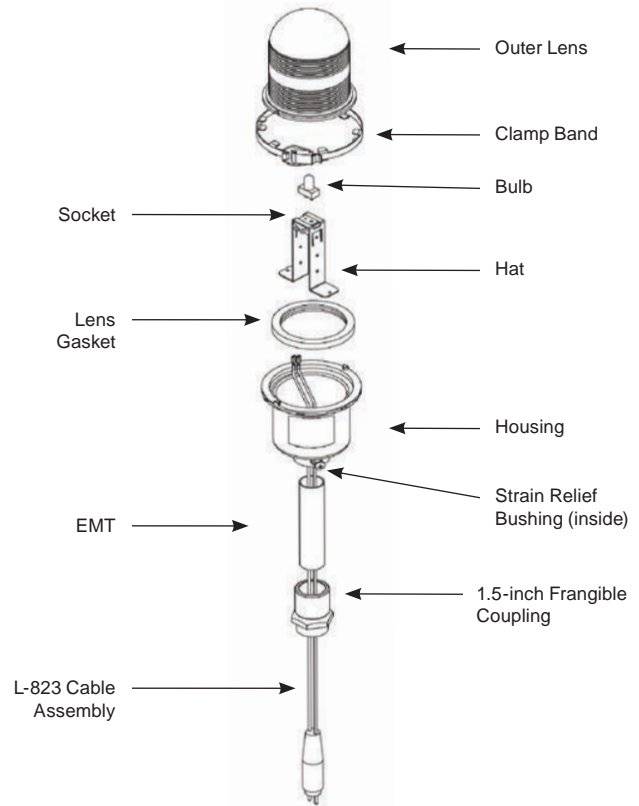
Description	Part Number
Housing	A1-17-1026-002
Clamp Band	A1-17-1027-001
Socket	F5 95370
Hat (1 required)	A1-17-1035-001
Lens Gasket	A1-25-0081-001
Tiedown Straps (4 required)	MS3367-4-9
Strain Relief Bushing (1 required)	1140
Outer Lens	
Omnidirectional White <sup>1</sup>	A1-32-0001-002
Omnidirectional Yellow <sup>1</sup>	A1-32-0001-003
Bidirectional White/Yellow <sup>1</sup>	A1-32-0001-006
Bidirectional White/Red <sup>1</sup>	A1-32-0001-007
Bidirectional Yellow/Red <sup>1</sup>	A1-32-0001-008
Bidirectional Green/Yellow <sup>1</sup>	A1-32-0001-011
Bidirectional Red/Green <sup>2</sup>	A1-32-0007-001
Bidirectional Red <sup>2</sup>	A1-32-0007-002
Unidirectional Green <sup>2</sup>	A1-32-0007-003
Omnidirectional Blue <sup>3</sup>	A1-32-0001-010
Bulb	
Quartz Halogen 30W <sup>1&amp;3</sup>	11478-EXL
Quartz Halogen 45W	11482-EXM
EMT	
For 14-inch overall height	A1-17-1034-01
For 24-inch overall height	A1-17-1034-06
For 30-inch overall height	A1-17-1034-09
1.5-inch Frangible Coupling Kit	K1-02-0051-001
L-823 Cable Assembly	
For 14-inch overall height	A2-17-0017-003
For 24-inch overall height	A2-17-0017-002
For 30-inch overall height	A2-17-0017-001

<sup>1</sup> = L-861 fixture only | <sup>2</sup> = L-861E fixture only | <sup>3</sup> = L-861T fixture only

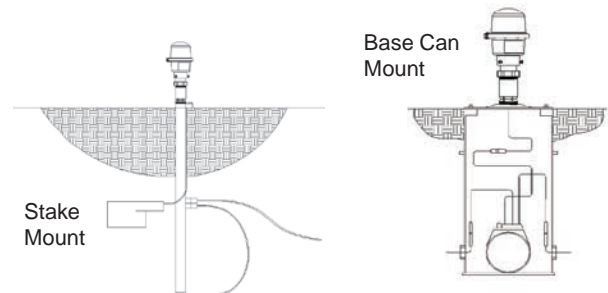
## ACCESSORIES

Description	Part Number	Approx. Wt.
L-867 Base Can	AC2124-2Q2-00301	52 lb/23.6 kg
Stake Mount 1.5" hub	AW2205	12 lb/5.4 kg
Isolation Transformer – 30/45W	11680	4.2 lb/1.9 kg
L-823 Primary Connector Kit (8 AWG, .320"/.430")	11174-01	.335 lb/.15 kg
L-823 Complete Kit (8 AWG, .320"/.430")	11805-01	.335 lb/.15 kg
Heat Shrink Tubing Kit	A2-20-0089-001	.5 lb/.23 kg
Base Plate	AP1935	8 lb/3.6 kg
2" to 1.5" Baseplate Reducer	10701994	.5 lb/.23 kg

## EXPLODED VIEW



## INSTALLATION OPTIONS



## SHIPPING INFORMATION

**Dimensions of Carton (12 fixtures per carton w/EMTs)**

Dimensions of Carton (12 fixtures per carton w/EMTs)	Approx. Ship Weight
23" (l) x 20" (w) x 12" (h)	55 lb
58.42 cm (l) x 50.8 cm (w) x 30.48 cm (h)	25 kg

**Note:** Fixtures are also available in one unit cartons.

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