

# APPROACH LIGHTING

## PAR-56

### Steady-Burning Approach Elevated Light



#### Compliance with Standards

**FAA:** FAA-E-982, FAA-E-2325, FAA-E-2628

**Military:** UFC 3-535-01, NAVAIR 51-50AAA-2

#### Uses

The high light output and wide beam coverage make these lights particularly well suited for Category III conditions with less than 1,200 RVR.

#### Features

- Mounted on the ground or on various towers
- Lens is sealed with weatherproof high-temperature gaskets
- Adjustable angles
- The mechanical structure of the steady-burning light fixture is identical to the ADB PAR-56 flash head, minimizing spare parts

#### Operating Conditions

Temperature: -67 °F to +158 °F (-55 °C to +70 °C)

Humidity: 0 to 100%

Exposure: Windblown rain, sand and dust particles, salt-laden atmosphere, solar radiation, and extreme thermal changes

#### Equipment Data

- Suitable for replacement of military specification fixtures, per UFC 3-535-01/02 and NAVAIR 51-50AAA-2
- FAA-E-982 lampholders use standard PAR 56 lamps to meet FAA photometric requirements. No cord set is usually required. Filters are clear (no filter), red, or green.
- Filter clips are supplied when a green, yellow, red, or blue filter is requested
- Input: 6.6 A, 20 A, or 120 VAC depending on lamp used in fix-ture. See Optional PAR-56 Lamps Ordering Code.

#### Order Code PAR 56

44D1661□□□

#### Shorting Device

- 0 = Includes Shorting Device for 6.6 A Lamps<sup>1</sup>
- 1 = Includes Shorting Device for 20 A Lamps
- 2 = Without Shorting Device

#### Filters

- 1 = Clear (no filter)
- 2 = Green Filter
- 3 = Yellow Filter
- 4 = Red Filter
- 5 = Blue Filter (special order only)

#### Cord set

- 1 = With L-823 Cord Set (used with shorting device)
- 2 = Without L-823 Cord Set
- 3 = With L-823 Cord Set (used without shorting device)

#### Slip fitter

- 1 = Slip fitter for 2-in EMT, 1.5-in Tube & Tower
- 2 = Slip fitter for 1.5-in Schedule 40 Pipe and Frangible Coupling (62B0064)

#### Notes

- <sup>1</sup> For 200 W lamps only.

**Note:** Lamps and optional accessories must be ordered separately.

#### Construction

The PAR-56 Steady-Burning Approach Light Fixture consists of an aluminum die-cast housing with mounting slip fitter, high-temperature gasket, and lamp-clip assembly. Optional items include lamps, color filters, shorting device, L-823 cord set, and aiming device.

#### Optional Shorting Device

Integrity of the series circuit is maintained on the secondary side of the transformer in case of lamp failure by an optional shorting device mounted in the housing. The shorting device loads the circuit to a maximum of 3 VA during normal operation of the lamp. The shorting device automatically resets when a lamp is replaced. No manual reset is required.

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### PAR-56 Packaging

Quantity per Box: 36  
 Gross Weight: 125 lb (56.7 kg)  
 Dimensions of Carton: 26 × 39 × 27 in  
 (66 × 99.1 × 68.6 cm)

### Optional Accessories

| Item   | Part No.       |
|--|----------------|
| Stake Assembly                                 | 44B1092        |
| Floor Flange                                   | 62B0107-2      |
| Frangible Coupling, 2-inch slip (EMT) coupling | 44B0180        |
| Frangible Coupling, 2-inch threaded coupling   | 62B0064        |
| 200 W, 6.6/6.6 A Transformer                   | 1ST20066601001 |
| 200 W, 20/6.6 A Transformer                    | 1ST20026601001 |
| 300 W, 6.6/20 A Transformer                    | 1ST30062601001 |
| 300 W, 20/20 A Transformer                     | 1ST30022601001 |
| 300 W, 6.6/6.6 A Transformer                   | 1ST30066601001 |
| 300 W, 20/6.6 A Transformer                    | 1ST30026601001 |
| 500 W, 6.6/20 A Transformer                    | 1ST50062601001 |
| 500 W, 20/20 A Transformer                     | 1ST50022601001 |
| 500 W, 6.6/6.6 A Transformer                   | 1ST50066601001 |
| 500 W, 20/6.6 A Transformer                    | 1ST50026601001 |
| 1500 W, 20/20 A Transformer                    | 35A0675        |
| 1500 W, 20/6.6 A Transformer                   | 35D0326        |

For additional transformers, see data sheet 6003. For information on connector kits, see data sheet 1031.

### Elevated PAR-56 Lamps

| Application                      | Spec      | Lamp                                   | Part No. |
|----------------------------------|-----------|--|----------|
| White, centerline&cross bar      | FAA ALSF  | 300 W - 20 A <sup>1</sup> Q20/PAR56    | 48A0091  |
|                                  | ICAO, UFC | 200 W - 6.6 A Q6.6A/PAR56/4            | 48A0395  |
|                                  | NAVAIR    | 300 W - 20 A <sup>2</sup> Q20/PAR56    | 48A0091  |
| Red, side row                    | FAA ALSF  | 500 W - 20 A <sup>2</sup> Q20A/PAR56/1 | 48A0092  |
|                                  | ICAO, UFC | 200 W - 6.6 A Q6.6A/PAR56/4            | 48A0395  |
|                                  | NAVAIR    | 500 W - 20 A <sup>2</sup> Q20A/PAR56/1 | 48A0092  |
| Green, runway threshold&wing bar | FAA ALSF  | 500 W - 20 A <sup>1</sup> Q20A/PAR56/1 | 48A0092  |
|                                  | FAA MALSR | 300 W - 120 V <sup>1</sup>             | 48A0118  |
|                                  | ICAO, UFC | 200 W - 6.6 A Q6.6A/PAR56/4            | 48A0395  |
|                                  | NAVAIR    | 500 W - 20 A <sup>2</sup> Q20A/PAR56/1 | 48A0092  |

#### Notes

- <sup>1</sup> Lamp wattage - current as specified in FAA Facility Standards drawings
- <sup>2</sup> Lamp specified in NAVAIR 51-50AAA-2