

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 SAFEGATE 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 fixture. See Optional PAR-56 Lamps Ordering Code.

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.

Ordering Code

Shorting Device
Filters
Cord set
Slip fitter

44D1661/

Shorting Device

- 0 = Includes Shorting Device for 6.6 A Lamps¹
- 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)

Note: Lamps and optional accessories must be ordered separately.

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.

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)

¹ For 200 W lamps only.

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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	1ST150022601001

Note: 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 and cross bar	FAA ALSF	300 W - 20 A ¹ Q20/PAR56	48A0091
	ICAO, UFC	200 W - 6.6 A Q6.6A/PAR56/4	48A0395
	NAVAIR	300 W - 20 A ² Q20/PAR56	48A0091
Red, side row	FAA ALSF	500 W - 20 A ² Q20A/PAR56/1	48A0092
	ICAO, UFC	200 W - 6.6 A Q6.6A/PAR56/4	48A0395
	NAVAIR	500 W - 20 A ² Q20A/PAR56/1	48A0092
Green, runway threshold and wing bar	FAA ALSF	500 W - 20 A ¹ Q20A/PAR56/1	48A0092
	FAA MALSR	300 W - 120 V ¹	48A0118
	ICAO, UFC	200 W - 6.6 A Q6.6A/PAR56/4	48A0395
	NAVAIR	500 W - 20 A ² Q20A/PAR56/1	48A0092

¹ Lamp wattage and current as specified in FAA Facility Standards drawings.

² Lamp specified in NAVAIR 51-50AAA-2.