



Flight Light Inc.
 2708 47th Ave.
 Sacramento, California, U.S.A.
 95822-3806

atg airports (formerly ALSTOM)
ZA480 Series High Intensity

PH (916) 394-2800 **FX (916) 394-2809**
TF (800) 806-3548 **EM info@flightlight.com**

Runway and Threshold/End Inset Light
FAA L-850, L-852G, L-852S, ICAO Annex 14

Compliance and Applications

FAA: L-850A, B, C, D and E,
 L-852G, S

AC 150/5345-46A, E-2491

ETL Certified L-850

ICAO Annex 14

Category I, II and III all weather
 operation airfield lighting systems.

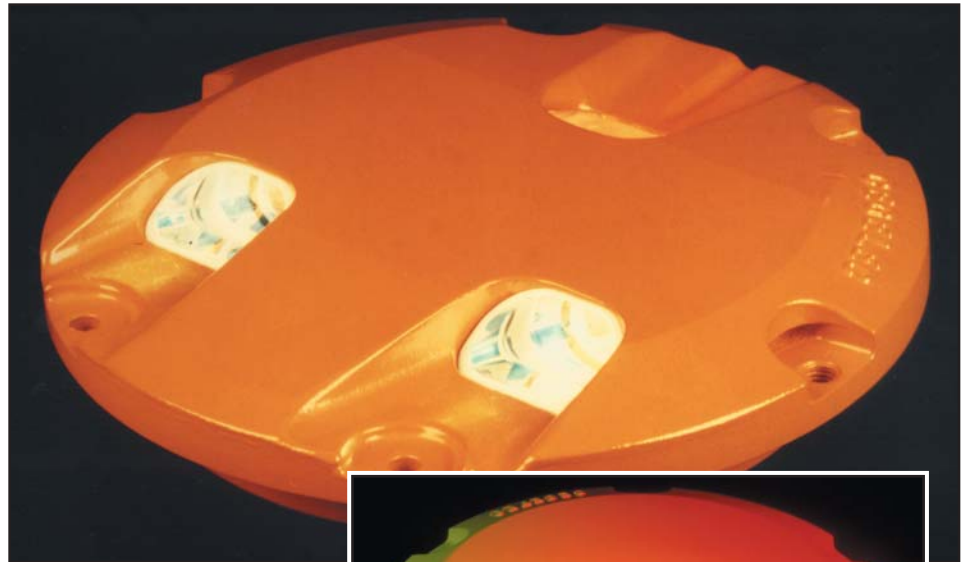
Suitable for use as high intensity inset
 runway approach, siderow barrette,
 runway threshold, threshold wingbar,
 combined threshold/end or runway end.

Why Our ZA480 is Better

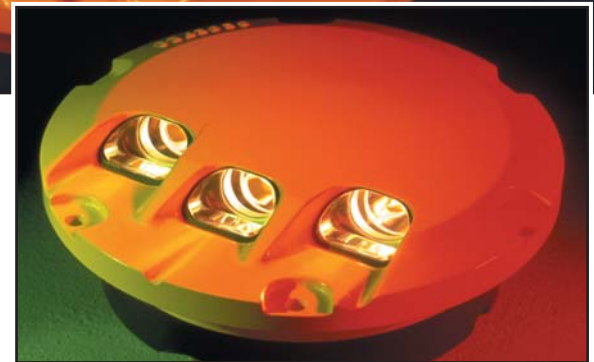
- ✓ Lightweight and robust aluminum alloy construction.
- ✓ Prism removal and replacement achieved without need for adhesives or sealants.
- ✓ Pre-focused optics simplify maintenance.
- ✓ Pressure test plug ensures moisture-proof light cavity.
- ✓ Installation and maintenance manual AVD 108.

Specifications

- Low profile: 0.5" (12.7mm) projection.
- 12" diameter fixture reduces installation cost and eases maintenance.
- Standard adaptor rings to retrofit 15" and 15.5" bases.
- Long life halogen lamps: 1,500 hours at full intensity. Over 3,500 hours in normal use.
- 6.6a from 100w, 200w or 300w isolating transformer.
- Powder coat finish in golden yellow. Stainless steel fasteners.
- Net weight 20.5 lb. (9.3kg). Gross weight 22 lb. (10kg). Carton size 6 in. x 13 in. x 13 in. (150mm x 330mm x 330mm).



*ZA480 series
 bidirectional/unidirectional
 high intensity inset light.*



*ZA480 series
 unidirectional high
 intensity inset light.*

APPLICATION VARIATIONS

| FAA# | Application | Config. | Lamps | Color | Fixture |
|--------|-----------------------------------|----------------|-------|--------------|----------|
| L-850A | Runway Centerline | Bidirectional | 2 | Clear | ZA484C |
| L-850B | Touchdown Right | Unidirectional | 1 | Clear/Blank | ZA484CXR |
| L-850B | Touchdown Left | Unidirectional | 1 | Clear/Blank | ZA484CXL |
| L-850C | Runway Edge | Bidirectional | 2 | Clear/Clear | ZA483CC |
| L-850C | Runway Edge | Bidirectional | 2 | Clear/Yellow | ZA483CY |
| L-850C | Runway Edge | Bidirectional | 2 | Yellow/Clear | ZA483YC |
| L-850D | Combined Threshold/ Runway End | Bidirectional | 2 | Green/Red | ZA488 |
| L-850E | Threshold | Unidirectional | 2 | Green | ZA485G |
| L-852G | Guard Light | Unidirectional | 2 | Yellow | ZA489G |
| L-852S | Stop Bar Light | Unidirectional | 2 | Red | ZA489S |
| ICAO | Approach | Unidirectional | 3 | Clear | ZA480 |

Visit our web site: www.flightlight.com



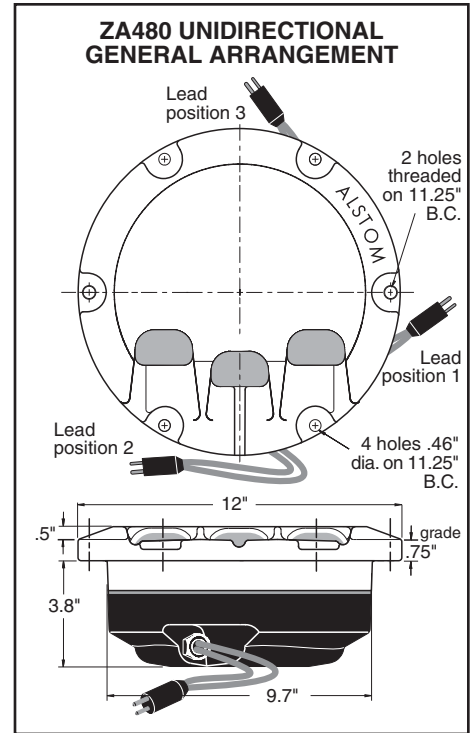
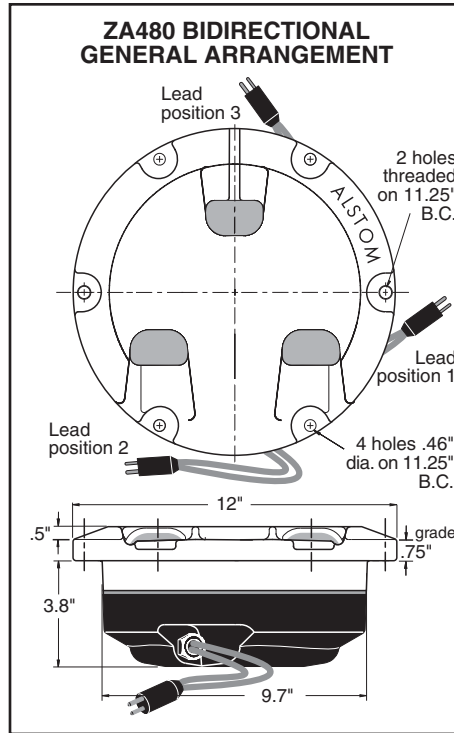
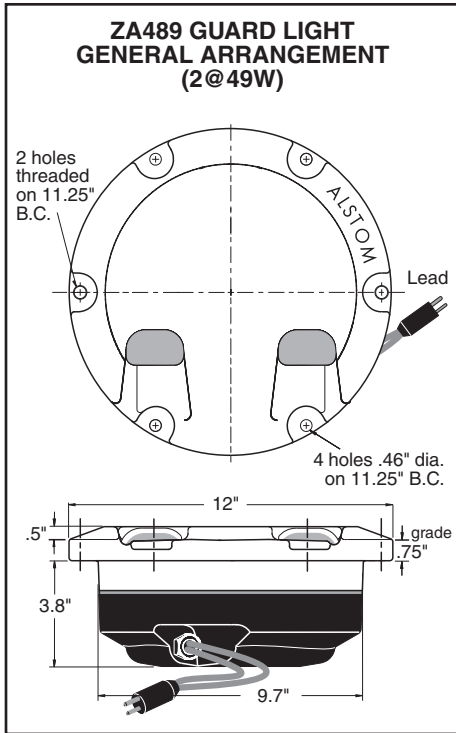
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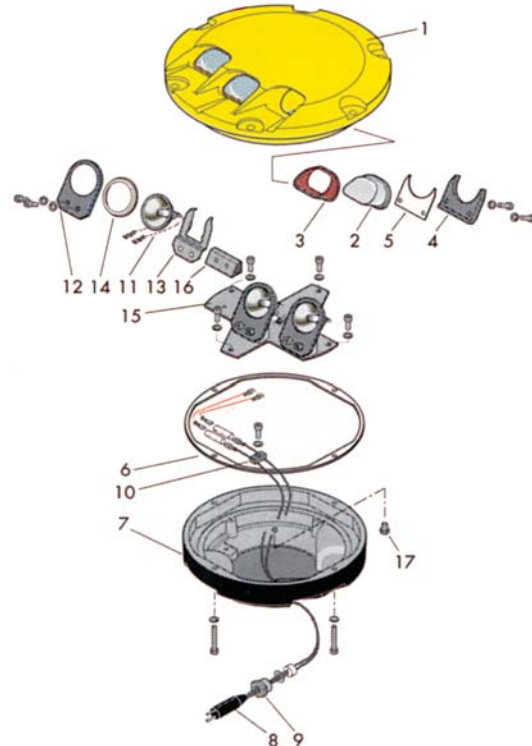
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Common Replacement Parts

| | | |
|-----|--|--------------|
| 1 | Body casting uni-direct. (golden yellow) | 80-040110 |
| ALT | Body casting bi-direct. (golden yellow) | 80-040111 |
| 2 | Clear prism | 80-016069 |
| ALT | Red prism | 80-019141 |
| ALT | Yellow prism | 80-019153 |
| ALT | Green prism | 80-019154 |
| ALT | Blank for prism aperture | 80-040092 |
| 3 | Prism gasket | 80-033075 |
| 4 | Prism retaining clamp | 80-032037 |
| 5 | Prism clamp gasket | 80-033069 |
| 6 | Bottom cover gasket | 80-033076 |
| 7 | Bottom cover casting (single lead) | 80-040112 |
| ALT | Bottom cover casting (twin lead) | 80-040113 |
| ALT | Bottom cover casting (three lead) | 80-040114 |
| 8 | 'B' type plug lead | 80-013026 |
| 9 | Cable gland assembly | 80-01282/3/4 |
| 10 | Cable clamp | 80-021281 |
| 11 | Reflector lamp 105W | LA-008075 |
| 12 | Lampholder | 80-032040 |
| 13 | Lamp retaining spring | |
| 14 | Lamp gasket | 80-033077 |
| 15 | Mounting Plate - Approach, Siderow | 80-021278 |
| ALT | Mounting Plate - Runway edge | 80-021280 |
| ALT | Mounting Plate - Threshold (axial), runway end | 80-021279 |
| ALT | Mounting Plate - Threshold (LHT), runway end | 80-021287 |
| ALT | Mounting Plate - Threshold (RHT), runway end | 80-021286 |
| 16 | Lampholder support block | 80-021285 |
| 17 | Pressure test plug | 80-021256 |



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