



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

atg airports (formerly ALSTOM)
**ZA181 High Intensity
Runway Centerline and
Touch Down Zone Inset Light**
FAA L-850A & B,
NATO Stanag 3316, ICAO Annex 14

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

Compliance and Applications

FAA: L-850A & B
AC 150/5345-46A
ETL Certified L-850
NATO Stanag 3316
ICAO Annex 14
Category I, II and III all weather
operation airfield lighting systems.

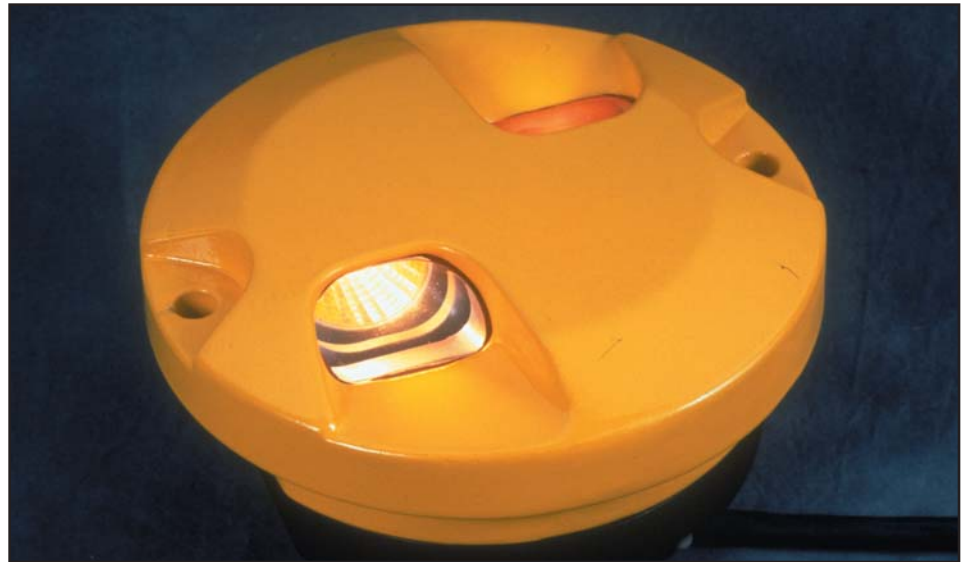
Suitable for use as high intensity
inset runway centerline and touch
down zone lights.

Why Our ZA181 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 104.

Specifications

- ✓ Low profile: 0.47" (12mm) projection.
- ✓ Long life lamps: 1,500 hours at full intensity. Over 3,500 hours in normal use.
- ✓ 6.6A from 45W, 100W, or 200W isolating transformer. TDZ uses 1@45/49W lamp. RWCL uses 2@45/49W lamps.
- ✓ Powder coat finish in golden yellow. Stainless steel fasteners.
- ✓ Net weight 11 lb. (5kg). Gross weight 13.2 lb. (6kg). Carton size 8.7 in. x 8.7 in. x 5 in. (220mm x 220mm x 126mm).



ZA181 series bi/unidirectional high intensity inset light.

APPLICATION VARIATIONS

FAA#	Application	Config.	Lamps	Color	Code
L-850A	Centerline	Bidirectional	2	Clear/Clear	80-ZA181CC
L-850A	Centerline	Bidirectional	2	Clear/Red	80-ZA181CR
L-850A	Centerline	Unidirectional	1	Red/Blank	80-ZA181RX
L-850B	Touch down zone	Unidirectional	1	Clear/Blank	80-ZA181CX

Ordering Code

Fixture	Color (LH)	Color (RH)	Plug Leads	Lamps	Bypass
ZA181	C: Clear R: Red X: Blank	C: Clear R: Red X: Blank	1: Single 'B' type 2: Two 'B' type	1: Single 45/49W 2: Two 45/49W 3: Single 105W 4: Two 105W	B: Lamp bypass Blank: No bypass
ZA181					

Visit our web site: www.flightlight.com

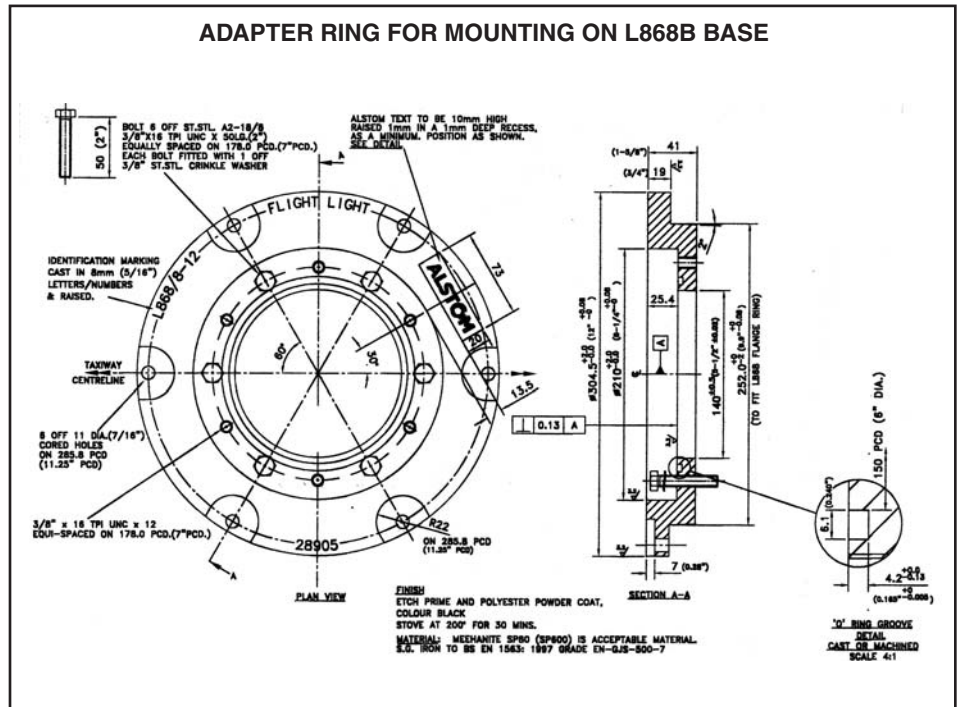
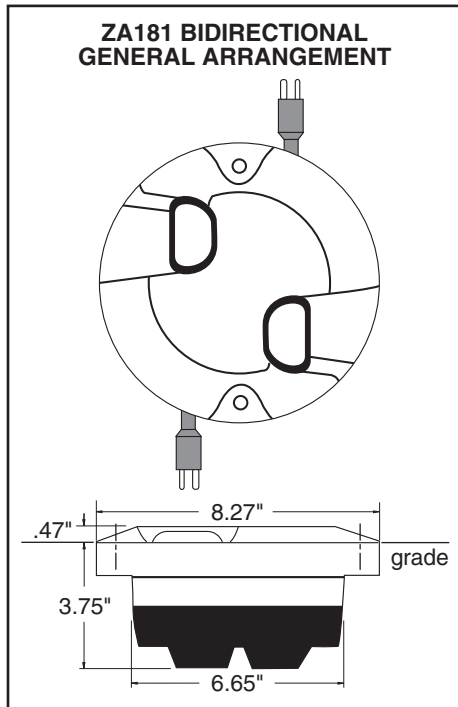


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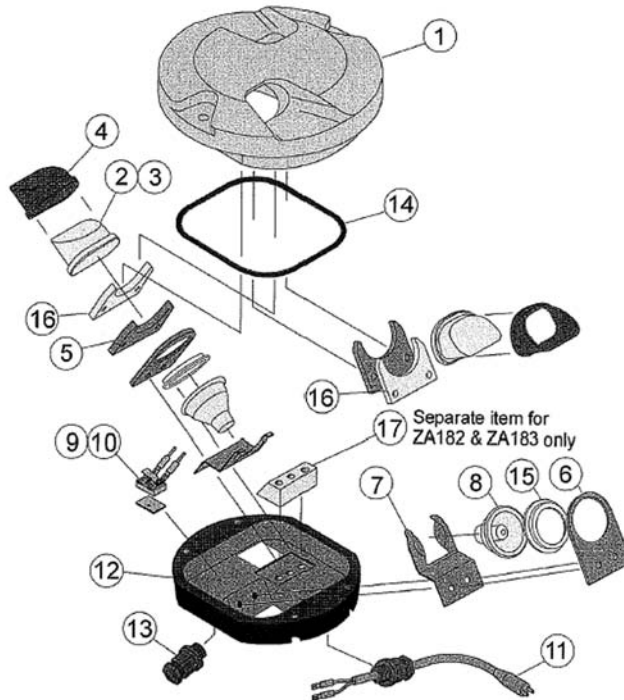
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Common Replacement Parts

1 Body casting (golden yellow)	80-040090
2/3 Clear prism	80-016069
2/3 Red dichroic prism	80-019141
2/3 Blank for prism aperture	80-040092
4 Prism gasket	80-033058
5 Prism retaining clamp	80-032037
6 Lampholder	80-032040
7 Lamp retaining spring	80-032039
8 Lamp, MR16, 6.6A, 49W	80-008065
9 Lamp by-pass disk assembly	80-028848
10 45W by-pass disc	80-021134
11 'B' type plug lead	80-013001
12 Base casting (single lead)	80-040091
NS Base casting (twin lead)	80-040093
13 Cable gland assembly	80-021114/5/6
14 'O' ring seal	80-033059
15 Lamp gasket	80-033064
16 Prism clamp gasket	80-028918
17 Lampholder support block	80-029057
NS 12" adapter flange (straight)	16-28973
NS 12" adapter flange (right hand toe)	16-28973-R
NS 12" adapter flange (left hand toe)	16-28973-L



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