



Flight Light Inc.
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HL-280
LED or Halogen
Heliport Taxiway Centerline
Inset Light

- Compliances**
- ICAO Annex 14
 - NATO STANAG 3316
 - CAA CAP168
 - BS3224 Part 5 inset fittings

Application

Inset green lights are used to define heliport taxiway centerlines. Taxiways allow for the movement of helicopters from one part of a landing facility to another.

Why Our HL-280 is Better

- Body casting manufactured from aluminum alloy for lightness, strength and durability.
- Corrosion resistant anodized finish.
- Available in 12-24 VDC or 120 VAC versions.
- Pressurized light cavity keeps moisture out and reduces the frequency of replacement.
- Prism removal and replacement achieved without the need for adhesive or sealants.
- Pre-focused optics to simplify maintenance procedures.
- A window blank is available for unidirectional applications.

Specifications

- Low profile: .39 in. (10mm) projection.
- Light channel within .2" (5mm) of grade.
- Stress bearing: 11 tons dynamic load and 22 tons static load.
- Color variations achieved by using color specific filters.
- Corrosion resistant anodized finish meets U.S. Military Standard Salt Fog Test (MIL-STD-810E, Method 509.3) and IEC EN 60068-2-11 (Test Kb, severity 3).
- Stainless steel fasteners.
- Net weight 6.6 lb. (3kg). Gross weight 7.7 lb. (3.5kg). Carton size 9 in. x 9 in. x 5.7 in. (230mm x 230mm x 146mm)
- Temperature range: -4°F/+131°F (-20°C/+55°C).



LED Version

- Energy saving LEDs consume only 7W per fixture.
- Long life LEDs (average rated life of 10 years) reduces frequency of replacement.
- Color variations achieved by using color specific LEDs.

Ordering Codes

Fixture	Color: A Side ¹	Color: B Side ¹	Lamps
HL-280	G: Green (std) W: White R: Red Y: Yellow X: Blank	G: Green (std) W: White R: Red Y: Yellow X: Blank	50: 50W, 120V 52: 50W, 240V LP: 120V/240V LED ² LV: 10-30VDC LED ² LVD: Dimming 10-30VDC LED ²

¹ Green is currently the recommended output color for heliport taxiway centerline lights.

² LED models require the same color on both sides. Mixed colors not available.

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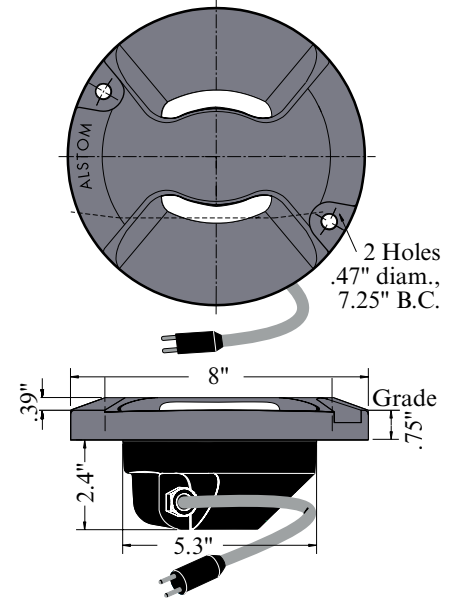
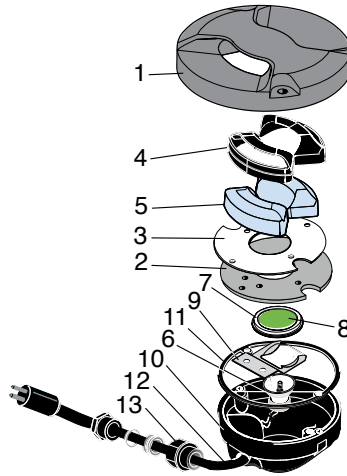
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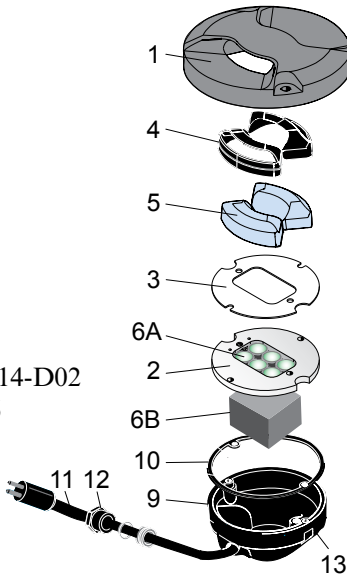
Replacement Parts

- | | | |
|-----|-----------------------|-------------------|
| 1. | Body casting | |
| 2. | Prism clamp | 80-021268 |
| 3. | Prism clamp gasket | 80-033072 |
| 4. | Prism gasket (2) | 80-033071 |
| 5. | Glass prisms (1 or 2) | |
| | white (clear) | 80-016072 |
| | blank | 80-040102 |
| 6. | 50W, 120V, MR16 Lamp | LA-008084 |
| ALT | 50W, 230V, MR16 Lamp | LA-64826 |
| 7. | Lamp gasket | 80-033064 |
| 8. | Green Filter | 80-019156 |
| ALT | Red Filter | 80-019155 |
| ALT | Yellow Filter | 80-019157 |
| ALT | Blue Filter | 80-019201 |
| 9. | Lamp retaining spring | 80-032039 |
| 10. | Bottom cover | |
| 11. | Bottom cover gasket | 80-033080 |
| 12. | 'B' type plug lead | TRC-10518-114-D02 |
| 13. | Cable gland assembly | 80-021114/5/6 |



LED Version Replacement Parts

- | | | |
|-----|---------------------------|-------------------|
| 1. | Body casting | 80-040155 |
| 2. | Prism clamp | 80-021380 |
| 3. | Prism clamp gasket | 80-021379 |
| 4. | Prism gasket (2) | 80-033071 |
| 5. | Glass prism (1 or 2) | 80-016078 |
| | Blanking prism (optional) | 80-040102 |
| 6A. | 12V LED High Bright | |
| 6B. | LED Driver | |
| 9. | Bottom cover | 80-040101 |
| 10. | Bottom cover gasket | 80-033080 |
| 11. | 'B' Type plus lead | TRC-10518-114-D02 |
| 12. | Cable gland assembly | 80-021114/5/6 |
| 13. | Schrader (bicycle) valve | 80-021327 |



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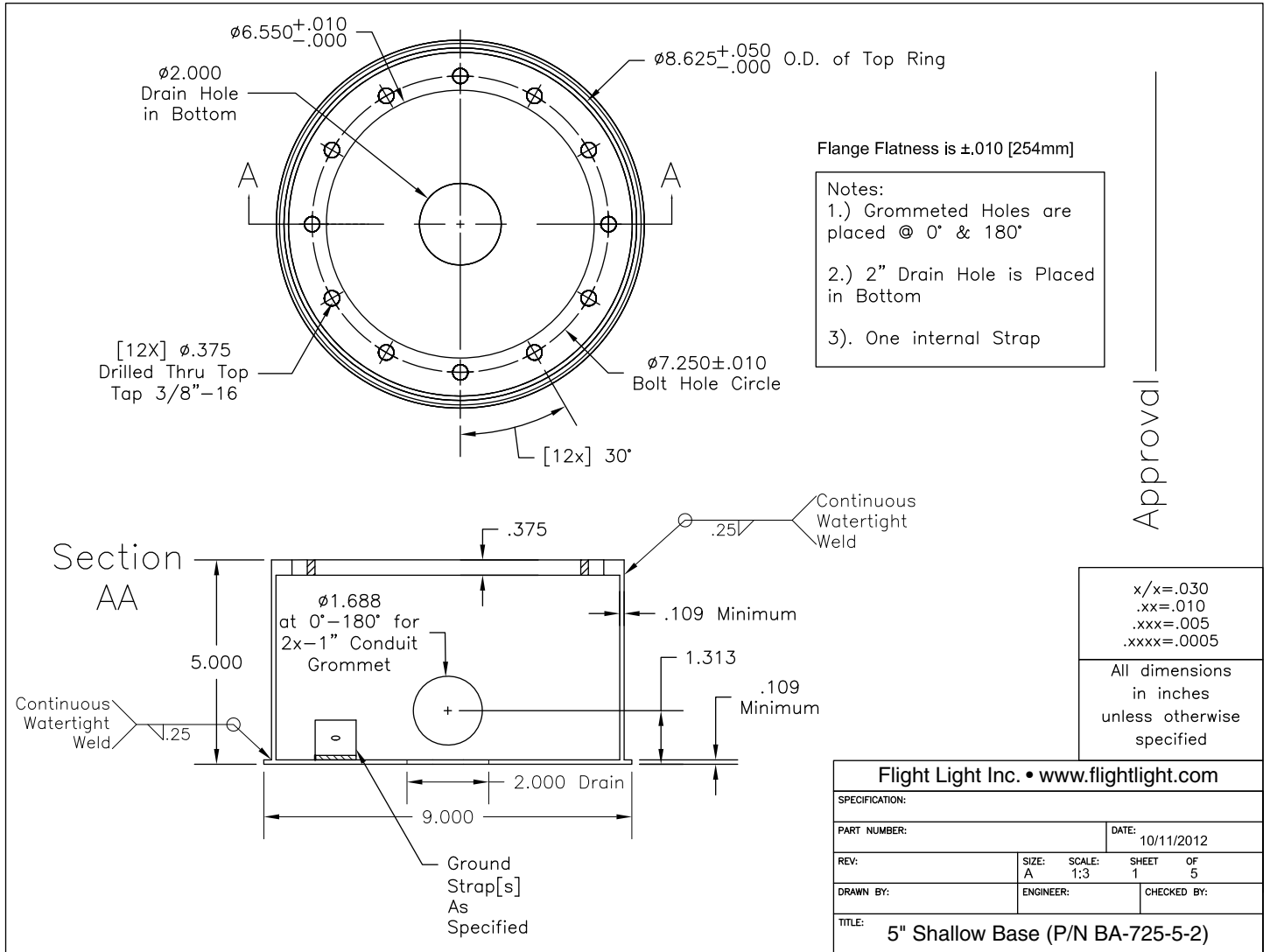


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