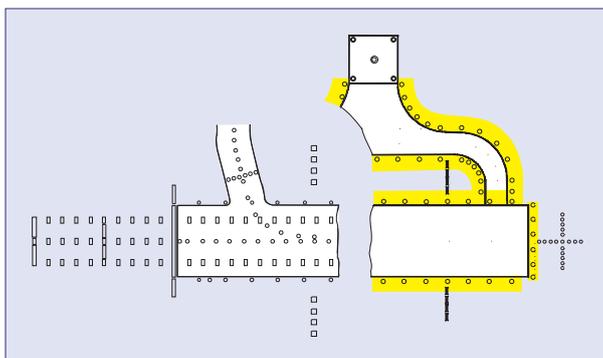


ZA292L Inset Taxiway Apron and Helipad Utilising Light Emitting Diodes (LED's)

omni-directional inset light



features

- Body casting manufactured from aluminium alloy for lightness, strength and durability
- As standard IEC, 8" 2 hole and 8" 3 hole versions available
- Long life High Brightness Emitting Diodes (objective life of 80,000 hours at full brilliancy)
- Colour variations achieved by using colour specific LED's
- Prism removal and replacement achieved without the need for adhesive or sealants
- An external optional power converter can be supplied in the secondary cable between the isolating transformer and fitting
- Suitable for direct installation in a ZM109, ZM181 or ZM203 IEC seating pot with only two point fixing
- Pre-focused optics to simplify maintenance procedures
- Low profile (10mm)
- Commonality of parts with the ZA181 and ZA280 inset fittings
- Light channel within 5mm of Grade
- Powder coat paint finish in golden yellow or NATO green or anodised finish as standard
- IMM available on request

compliance with standards

- | | |
|-----------------|--|
| • FAA | AC 150/5345-46C L-852T |
| • ICAO | Annex 14 circular guidance 5.3.6, 5.3.9.8, 5.3.9.9 |
| • CAA | CAP168 Table 6A/1 Low intensity, taxiway edge |
| • BS3224 | Part 5, inset fittings |
| • IEC | 61827 |
| • STANAG | 3316 Annex C fig 3 |

application

Omni-directional inset fitting for Taxiway, Helipad, and general applications.

options

- ZM109 (8") seating pot
- ZM181 seating pot (dry)
- ZM181 seating pot (wet)
- ZM203 IEC seating pot (dry or wet)
- 12" and 15.5" PSA & FAA L868 canister adaptors
- ZS023 sighting device
- SRA8/13 adaptor
- 500mm flying lead with 3-pin receptacle (120V and 240V version only)

electrical supply

Suitable for use in 6.6A airfield lighting circuits normally supplied from 1 x 30W, 45W, 65W or 100W isolating transformer. 120V and 240V mains supply versions also available.

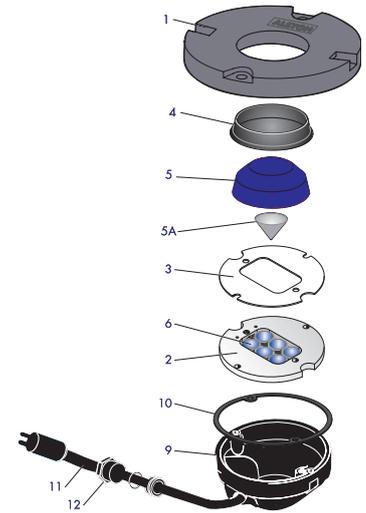
Suitable for use in a dedicated passive circuit supplied from a 10W or 25W 6.6A/0-4A isolating transformer. Power consumption is 10W.

packaging data

Net weight	3kg
Gross weight	3.5kg
Carton size	230mm (w) 230mm (d) 146mm (h)

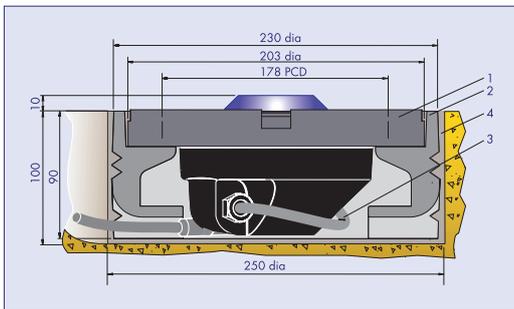
components

1 Body casting: Anodise Golden Yellow NATO Green	Not Saleable Not Saleable Not Saleable Not Saleable	7 Not used 8 Not used 9 Bottom cover 10 Bottom cover gasket
2 Prism clamp (standard) (SRA) (IEC)	SLC21307 SLC21308	11 Plug lead 12 Elkey gland set
3 Prism clamp gasket	SLC21309	
4 Prism gasket	SLC33090	
5 Prism reflector	SLC28051	
5a Cone		
6 LED Cluster Blue Green Yellow White	SLC08118 SLC08124 SLC08123 SLC08125	



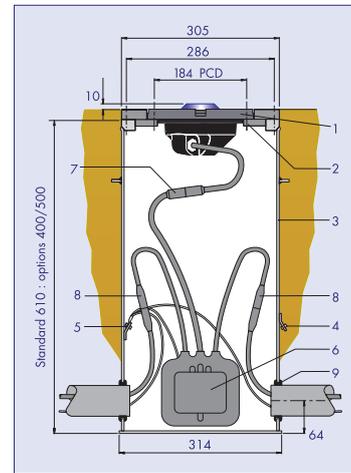
typical installation methods

ZA292L installed in ZM109 seating pot



1. ZA292L fitting
2. ZM109 seating pot
3. Secondary lead
4. Grout

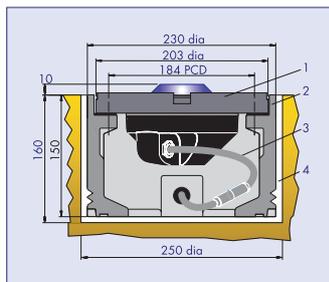
ZA292L IEC installed on FAA L-868 base



1. ZA292L fitting
2. 12" mounting adaptor
3. FAA L-868 base (one piece)
4. Outer earth terminal (optional)
5. Inner earth terminal (optional)
6. Isolating transformer
7. Secondary connection
8. Primary connection
9. Grommet

ZA292 IEC installed in ZM203 seating pot

1. ZA292L IEC fitting
2. ZM203 seating pot
3. Secondary lead
4. Grout



Wet or dry seating pot arrangements are available (wet normally supplied)

photometric performance

General arrangement

