

Tungsten halogen technology



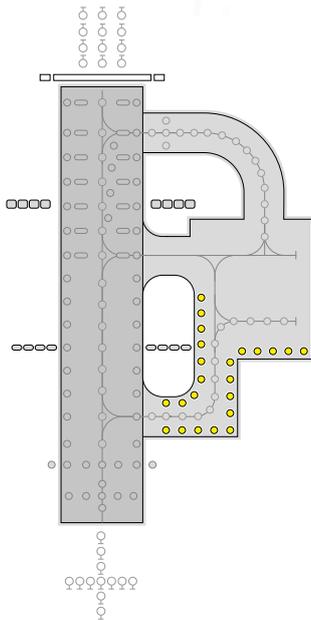
ZA216

Taxiway Edge, Apron,
Helipad & Low Intensity
Runway Edge

Omni-directional elevated light

Features

- ▶ Lightweight and robust due to its predominantly aluminium alloy construction which also gives good corrosion resistance.
- ▶ Removal of glass dome for lamp replacement or maintenance achieved without the need for any tools due to the simple bayonet fit of the glass.
- ▶ Ball joint mounting arrangement facilitates levelling of the light on installation.
- ▶ Choice of mounting stems available (M32 threaded or 25mm (1") plain).
- ▶ Mounting stem compatible with 2" BSP Mounting using frangible coupling.
- ▶ Frangibility inherent in the M32 threaded mounting stem.
- ▶ Smooth outer glass surface resists build up of dirt.
- ▶ Bi-pin or PK30D lamp options.
- ▶ Optional lamp by-pass device can be fitted if required.
- ▶ Powder coat paint finish in golden yellow.
- ▶ IMM available on request.
- ▶ Lamp life no less than 1000hrs.



Compliance with Standards

As a taxiway edge light (blue glass dome):

- ICAO Annex 14, clause 5.3.17.4
- FAA FAA L-86IT
- CAA CAP168 Table 6A/1 item 8 BSI: BS3224 Part 4, elevated fittings
- NATO STANAG 3316

As a runway edge light (clear glass dome):

- FAA FAA L-860 & L861
- CAA CAP168 Table 6A/1 item 2
- BSI BS3224 Part 4
- NATO STANAG 3316

Application

Taxiway/apron/helipad edge light or low intensity runway edge light.

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Options

- Lamps:
 - J1/74 30W 6.6A bi-pin
 - J1/75 36W 6.6A bi-pin
 - J1/59 36W 6.0A bi-pin
 - J1/57 45W 6.6A bi-pin
 - J1/76 45W 6.6A PK30D
- Glass domes:
 - Blue
 - Clear
 - Red
 - Red/Green
 - White/Yellow

Electrical supply

Suitable for use in 6.6A airfield lighting circuits normally supplied from 1 x 45W isolating transformer. Power consumption varies between 30W and 45W depending upon type of lamp used.



Packaging Data

Net weight	0.9kg
Gross weight	1.0kg
Carton size	120mm(w) x 120mm(d) x 260mm(h)

Components

- Body casting
- Glass dome:
 - Blue
 - Clear
 - Red
 - Red/green
 - White/yellow
- Cup washer
- Lampholder ZB013/1
- 'O' Ring

M32 Threaded Stem Option

- 'B' Type plug lead assy
- Strain relief bush
- Locknut (3)
- Washer (3)
- M32 Stem assy

25mm (1") Plain Stem Option

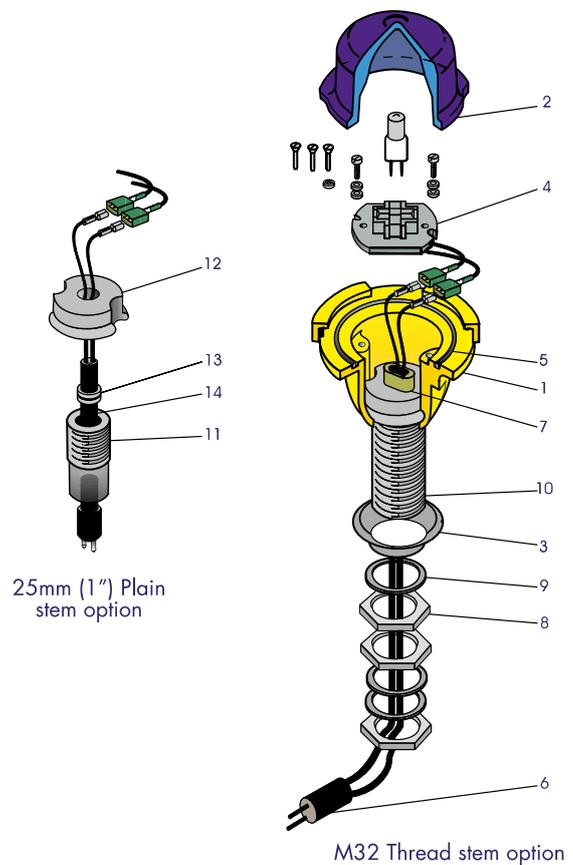
- Locknut (1)
- Washer (1)
- 25mm dia. stem
- Stem cap
- Strain relief bush
- 'B' Type plug lead assy

Not saleable

- SLC19137
- SLC16066
- SLC19148
- SLC19147
- SLC19146
- DRG28623
- SLC15047
- SLC33056

- SLC13013
- SLC39079
- SLC21153
- SLC21151
- SLC21150

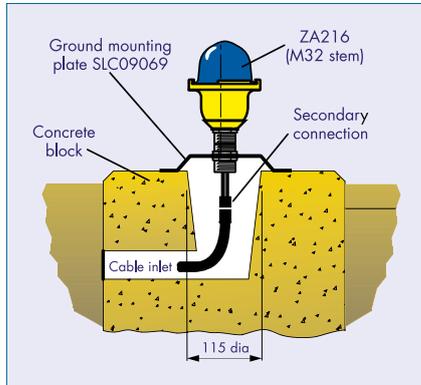
- SLC21153
- SLC21151
- SLC21178
- SLC21177
- SLC21260
- SLC13014



Typical installation methods

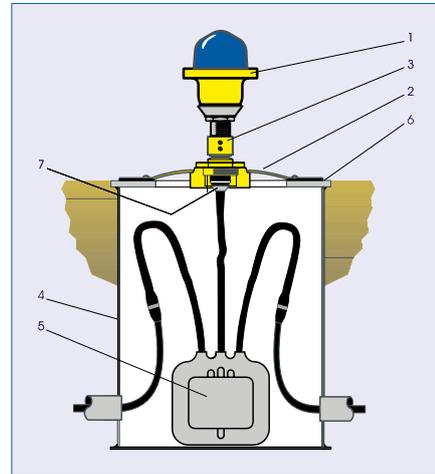
- On a 204mm (8") dia. ground mounting plate
- On a FAA L867 type base can
- On a FAA type frangible coupling
- On a ground mounting spike

ZA216 Installed on 204mm (8") ground mounting plate



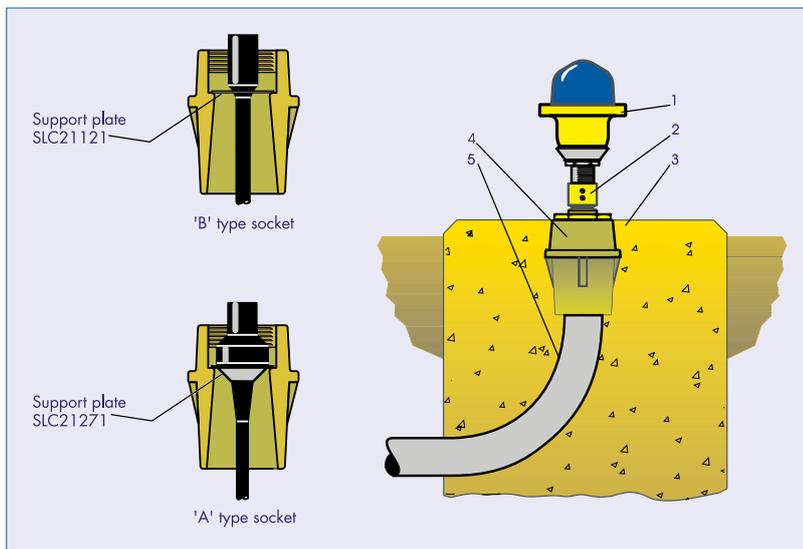
Note The ground mounting plate is designed to be held down by means of three 10mm (3/8") rag bolts grouted into concrete block on 178 PCD. The M32 stem is inherently frangible.

ZA216 Installed on a FAA L867 base can



- | | |
|------------------------------|--------------------------|
| 1. ZA216 25mm O/D Plain stem | 5. Isolating transformer |
| 2. FAA Type L867 baseplate | 6. Gasket |
| 3. Frangible coupling | 7. Support Plate |
| 4. FAA Type L867 base | |

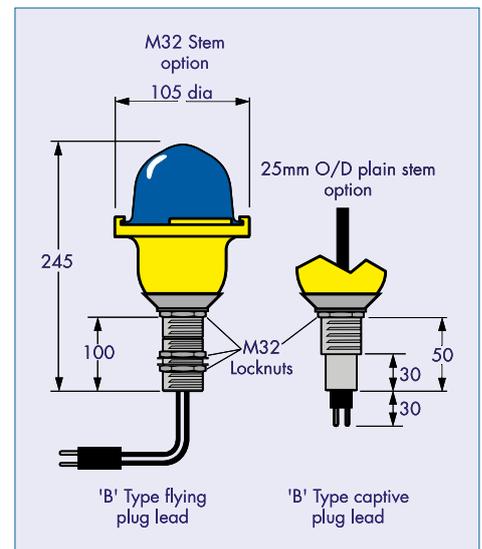
ZA216 Installed on a FAA type frangible coupling



Alternative support arrangement for 'A' or 'B' type socket/leads mounted in a wells coupling

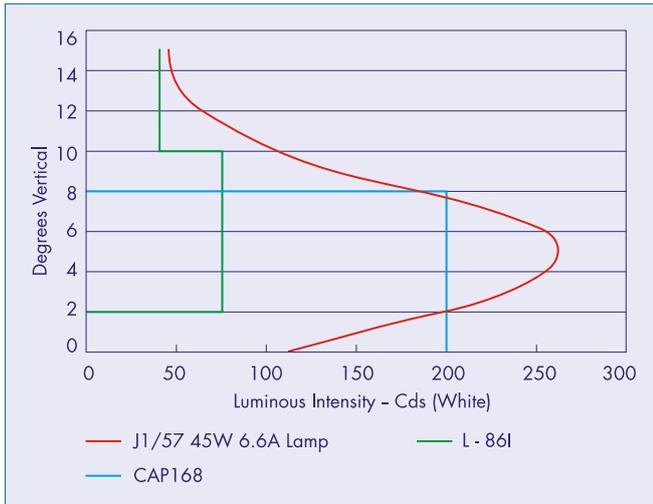
- | | |
|--------------------------------|--------------------------------------|
| 1. ZA216 25mm O/D plain system | 4. Wells coupling |
| 2. Frangible coupling (2" BSP) | 5. 50mm dia. pipe (plastic or metal) |
| 3. Concrete block | |

ZA216 general arrangement coupling

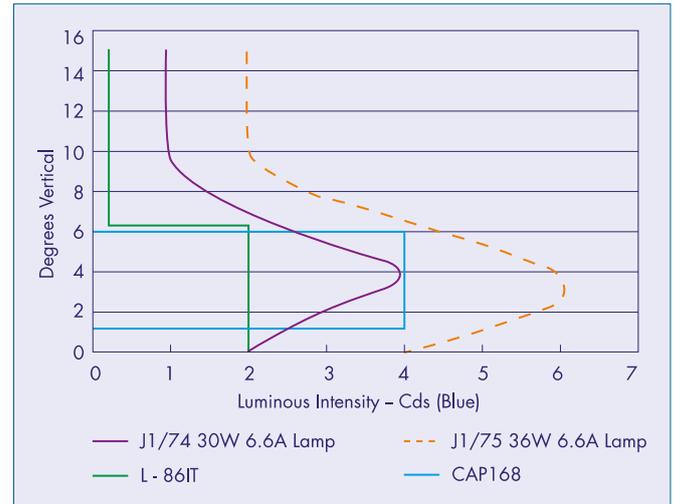


All dimensions are in mm, and are for information only

Photometric performance



Low Intensity Runway Edge Light (White)



Taxiway Edge Light (Blue)

Order Codes

FITTING TYPE	STOCK LIST CODE (SLC)	COLOUR GLASS	STEM	BYPASS DEVICE	
1	02093	C	Clear	M32	-
2	02092	B	Blue	M32	-
2A	02120	B	Blue	M32	1
5	02107	C	Clear	25mm	-
6	02106	B	Blue	25mm	-
6A	02121	B	Blue	25mm	1

For other colours please contact atg.



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