

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.
- Long life halogen lamps with a typical life of 1500 hours at full intensity or over 3500 hours in normal usage
- 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
- 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.
- Water Ingress rating minimum IP54

Compliance with Standards

As a taxiway edge light (blue glass dome):

ICAO Annex 14, clause 5.3.17.4

FAA L-86IT FAA

CAP168 Table 6A/1 item 8 BSI: BS3224 Part 4,

elevated fittinas

NATO STANAG 3316

As a runway edge light (clear glass dome):

FAA L-860 & L861

CAP168 Table 6A/1 item 2

BS3224 Part 4 NATO STANAG 3316

Application

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

& UK: +44 (0) 1942 68 5555 | USA: 001 (239) 985-9406

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

Components

9 Washer (1) 11 25mm dia. stem

12 Stem cap

13 Strain relief bush

14 'B'Type plug lead assy

1 Body casting 2 Glass dome: Blue SLC19137 Clear SLC16066 Red SLC19148 Red/green SLC19147 White/yellow SLC19146 3 Cup washer DRG28623 4 Lampholder ZB013/1 SLC15047 5 'O' Ring SLC33056 M32 Threaded Stem Option 6 'B'Type plug lead assy SLC33013 7 Strain relief bush SLC39079 8 Locknut (3) SLC21153 9 Washer (3) SLC21151 10 M32 Stem assy SLC21150 25mm (1") Plain Stem Option				
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8 Locknut (1) SLC21153			SLC21153	

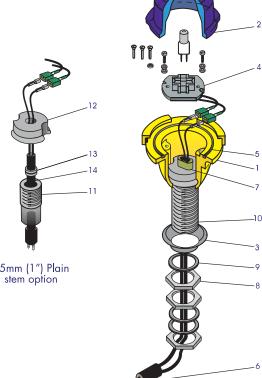
SLC21151

SLC21178

SLC21177

SLC21260

SLC13014

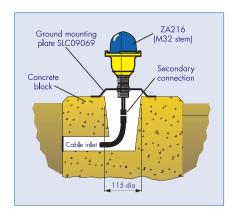


M32 Thread stem option

Typical installation methods

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

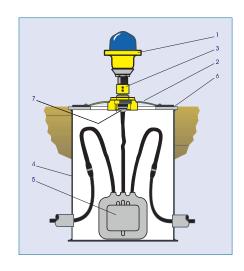
ZA216 Installed on 204mm (8") ground mounting plate



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

- On a FAA type frangible coupling
- On a ground mounting spike

ZA216 Installed on a FAA L867 base can

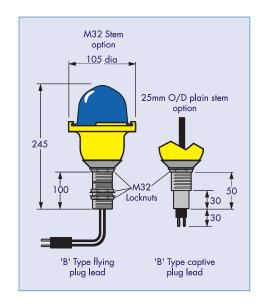


- ZA216 25mm O/D Plain stem
- FAA Type L867 baseplate
- Frangible coupling
- FAA Type L867 base
- Isolating tansformer
- Gasket
- Support Plate

ZA216 Installed on a FAA type frangible coupling

Support plate SLC21121— 'B' type socket Support plate SLC21271 'A' type socket

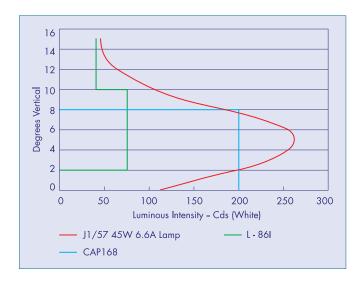
ZA216 general arrangement coupling

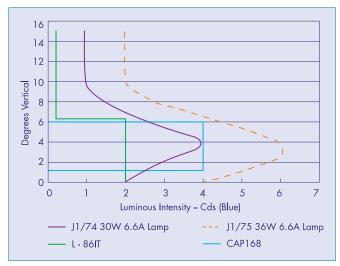


All dimensions are in mm, and are for information only

- Alternative support arrangement for 'A' or 'B' type socket/leads mounted in a wells coupling
- ZA216 25mm O/D plain system
- Frangible coupling (2" BSP)
- Concrete block
- 4. Wells coupling
- 5. 50mm dia. pipe (plastic or metal)

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	С	Clear	M32	-
2	02092	В	Blue	M32	-
2A	02120	В	Blue	M32	1
5	02107	С	Clear	25mm	-
6	02106	В	Blue	25mm	-
6A	02121	В	Blue	25mm	1

For other colours please contact atg.



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