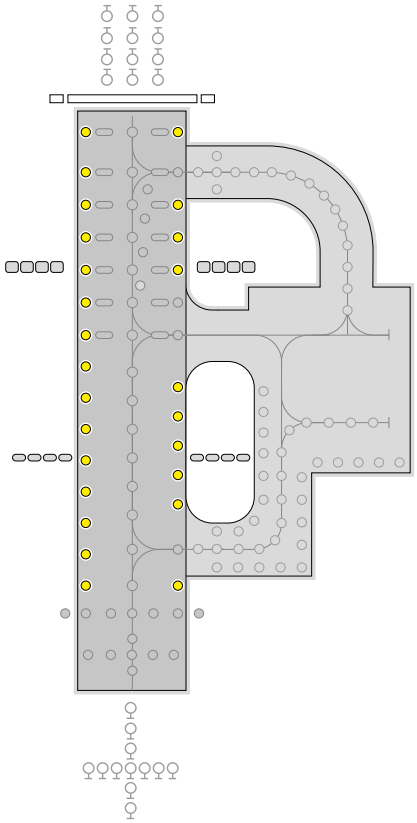
ZA483 Runway Edge High Intensity Bidirectional Inset Fixture

Compliance and Applications
- ICAO Annex 14
- FAA Compliant: L-850C; Class I & IIB (AC 150/5345-46D)
- NATO STANAG 3316
- CAA CAP168 Figs 6A/9, 6A/10

High intensity, inset runway edge fixture suitable for use in category I, II and III all weather operation airfield lighting systems.

Features
- Lightweight and robust due to its aluminum alloy construction
- Components that are common with ZA181 and ZA280 series
- Long life halogen lamps with a life of 1,500 hours at full intensity or over 3,500 hours in normal usage
- Standard adaptor rings to suit 15", 15.5" bases
- Prism removal and replacement achieved without the need for adhesive or sealants
- Color beam variations achieved by dichroic coating
- Lamp bypass options available when required
- Pre-focused optics to simplify maintenance procedures
- Light channel within .2" (5mm) of grade
- Plug for pressure testing
- Low temperature - temperature at center of top cover remains below 160°C ICAO and FAA limit
- All fasteners are stainless steel
- IMM available on request



Options
- ZM480 base (wet)
- ZM480 base (dry)
- PSA & FAA adaptors
- ZS023 sighting device
- ZM500/4 lifting handle
- ZM480 installation jig

Electrical Supply
Suitable for use in 6.6A airfield lighting circuits normally supplied from 100W, 200W or 300W isolating transformers.

Packaging Data
- Net weight 20.5 lb. (9.3kg)
- Gross weight 22 lb. (10kg)
- Carton size 2" (50mm)(w) x 13" (330mm)(d) x 13" (330mm)(h)

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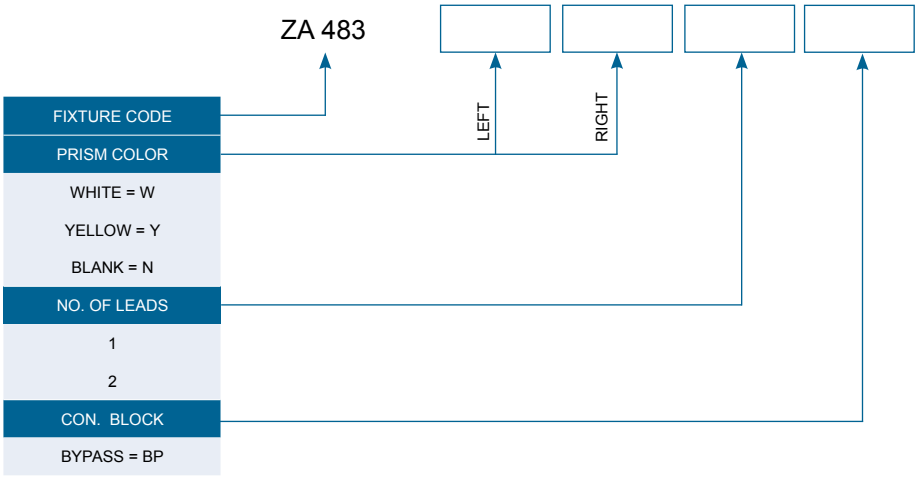
Flight Light Inc., 2708 47th Ave.
Sacramento, CA, 95822, USA

Ordering Code

Inset FAA Runway Edge Fixture



EXAMPLE: ZA 483 | N | W | 2 | BP

= BI DIRECTIONAL BODY + BLANK PRISM + WHITE PRISM + 2 LEADS + BYPASS

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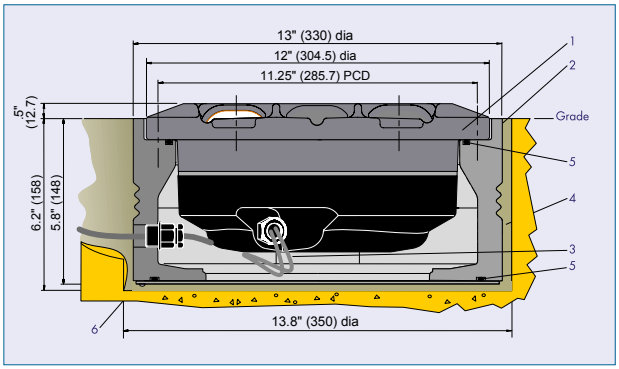
Typical Installation Methods

- In a 12" dia base, atg airports ltd type ZM480

ZA483 Installed in ZM480 Base (dry version)

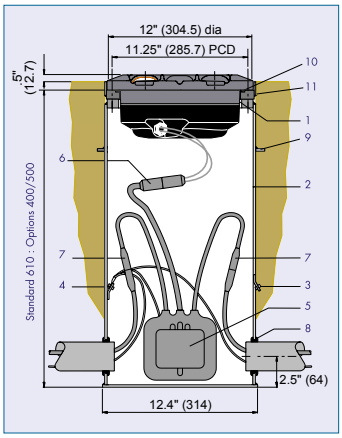


1. ZA483 Fixture
2. ZM480 Base
3. Secondary Connection
4. Grout
5. 'O' Ring
6. Cable Gland

Note ZM480 Wet base arrangement information available on request.

- In a 12" FAA L-868 Base

ZA483 Installed on FAA L-868 Base

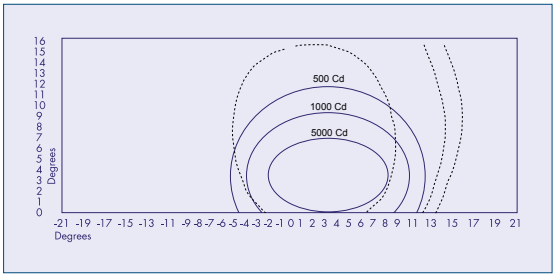


1. ZA483 Fixture
2. FAA L-868 Base (one piece)
3. Outer earth terminal (optional)
4. Inner earth terminal (optional)
5. Isolating transformer
6. Secondary connection
7. Primary connection
8. Grommet
9. Anchor ring
10. 'O' Ring
11. Dam ring

Photometric Performance

Runway Edge Inset Fixture:

Red	ZA483	Nominal Lamp Details	
Main Ellipse Intensity Measurements (Candelas)		Power	2 x 105 Watts
Average	6028	Current	6.6 Amps
Min. Average	5000	Type	Reflector
Max (B)	7275	CAP168	FIG 6A/2
Min (A)	4141	ICAO	Annex 14 FIG 2.10



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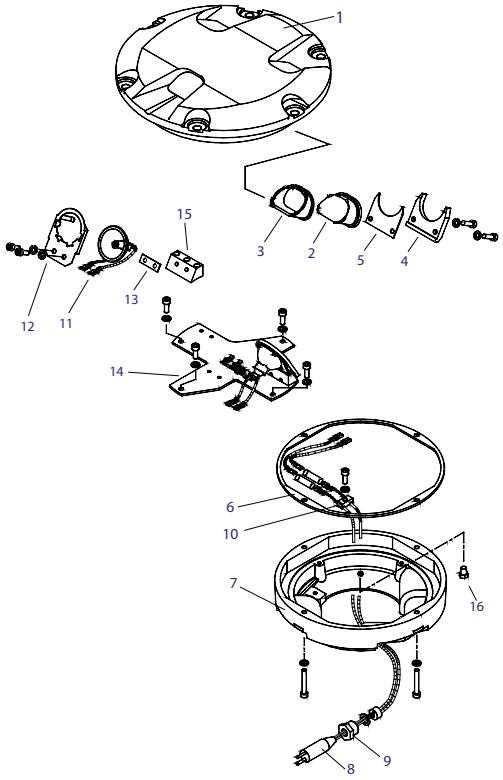
Components

1	Body casting uni-directional	Not Saleable
	or bi-directional	Not Saleable
2	Clear prism	SLC16069
	or red prism	SLC19141
	or blank for prism aperture	SLC40092
3	Prism gasket	SLC33075
4	Prism clamp	SLC32037
5	Prism clamp gasket	SLC33069
6	Bottom cover gasket	SLC33076
7	Bottom cover casting (single lead)	Not Saleable
	or bottom cover casting (twin lead)	Not Saleable
	or bottom cover casting (three lead)	SLC40114
8	'B' type plug lead	SLC13026
9	Cable gland assembly	SLC21282/3/4
10	Cable clamp	SLC21281
11	Reflector lamp 105W	SLC08075
12	Spring Finger Lampholder	SLC32040
13	PTFE Damper	SLC32039
14	Mounting plates:	
	Runway edge	SLC21280
	Threshold (LHT), runway end	SLC21287
	Threshold (RHT), runway end	SLC21286
15	Lampholder support block	SLC21285
16	Pressure test plug	SLC21256



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