

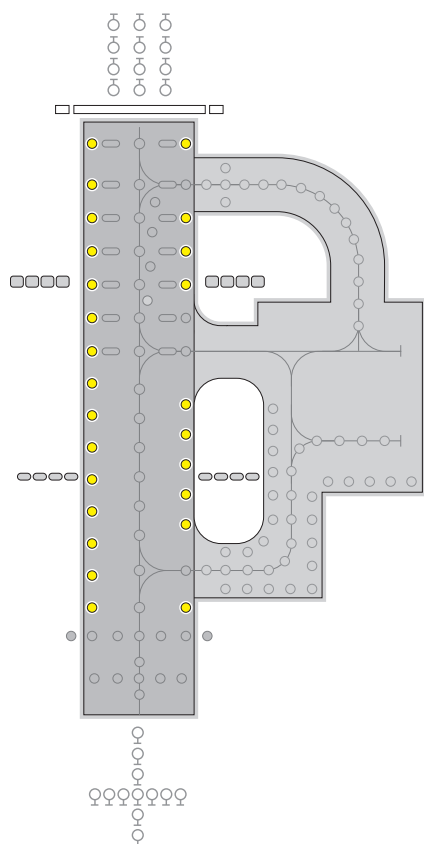
Tungsten halogen technology



ZA483

Runway edge

High intensity bidirectional inset fitting



Applications

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

Compliant with Latest International Standards

- ▶ ICAO Annex 14
- ▶ FAA L-850C Class I & IIB, AC150/5345-46E
- ▶ CAA CAP168 Figs 6A/9, 6A/10
- ▶ Stannag 3316 (NATO)

ZA483 High intensity bi-directional inset Runway Edge



Electrical Performance

Main Beam Aperture		Colour	Typical Power Consumption - Watts (VA) @ 6.6A				
Horiz(°)	Vert(°)		Per Beam Watts	Fitting* Watts (VA)	PF	Tx Primary** Watts (VA)	PF
-2 to +9	0 to 7	WHT/WHT	105/105	105/105	0.99	115/115	0.99
-2 to +9	0 to 7	WHT/YELL	105/105	105/105	0.99	115/115	0.99
-2 to +9	0 to 7	RED/YELL	105/105	105/105	0.99	115/115	0.99

Environmental Conditions

- Ambient Temperature -55 °C to +55 °C (-67 °F to +131 °F)
- Storage Temperature -55 °C to +55 °C (-67 °F to +131 °F)
- Ingress Protection IP67

Photometry

Specification

Runway Edge

White	ZA483
Main Ellipse Intensity Measurements (Candelas)	
Average	11362
Min. Average	10000
Max (B)	14761
Min (A)	6414

Yellow	ZA483
Main Ellipse Intensity Measurements (Candelas)	
Average	5160
Min. Average	4000*
Max (B)	7068
Min (A)	2741

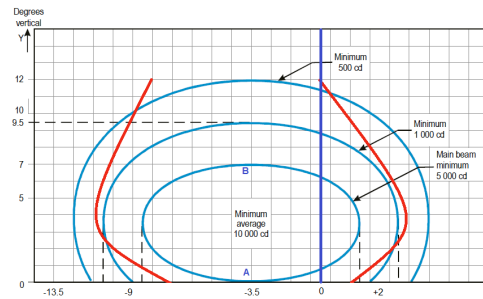
Red	ZA483
Main Ellipse Intensity Measurements (Candelas)	
Average	2122
Min. Average	1500
Max (B)	2918
Min (A)	1285

Nominal Lamp Details	
Power	2 x 105 Watts
Current	6.6 Amps
Type	MR16 Lamp
ICAO Annex 14	FIG A2-9

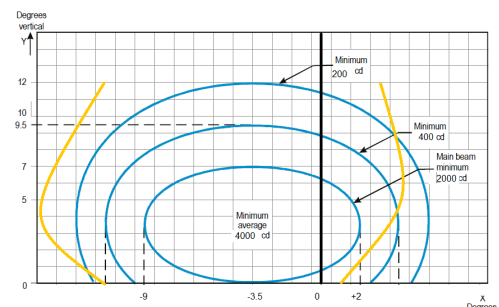
Green version available for FAA use. (Photometry not shown)

*FAA Yellow 5000 cds

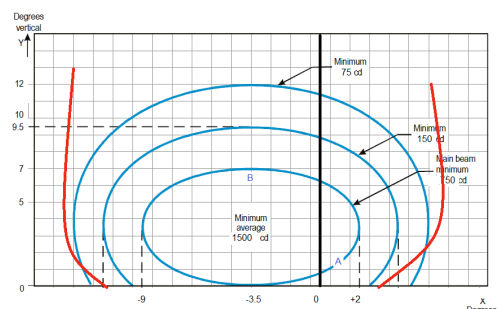
Intensity Chart - Runway Edge Luminaire - White



Intensity Chart - Runway Edge Luminaire - Yellow



Intensity Chart - Runway Edge Luminaire - Red



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

ZA483

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Ordering Codes ZA483



Application
L-850C - Runway Edge

Colour
A Side
 W = White
 Y = Yellow
 R = Red
 N = Not Applicable

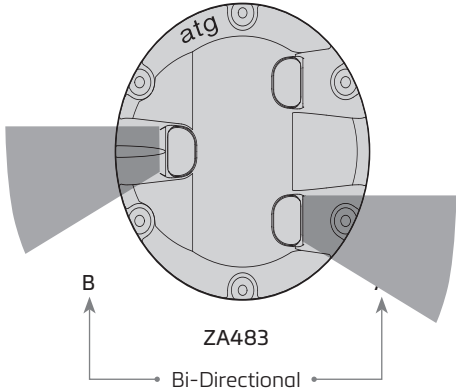
B Side
 W = White
 Y = Yellow
 R = Red
 N = Not Applicable

No of Leads
 1 = 1 B Tyre High Temperature Lead
 2 = 2 B Tyre High Temperature Lead

Specification
 1 = FAA
 2 = ICAO

Connections
 1 = Connector Only
 2 = Open Circuit Bypass Unit

Beam Options



Additional optional features are available upon request

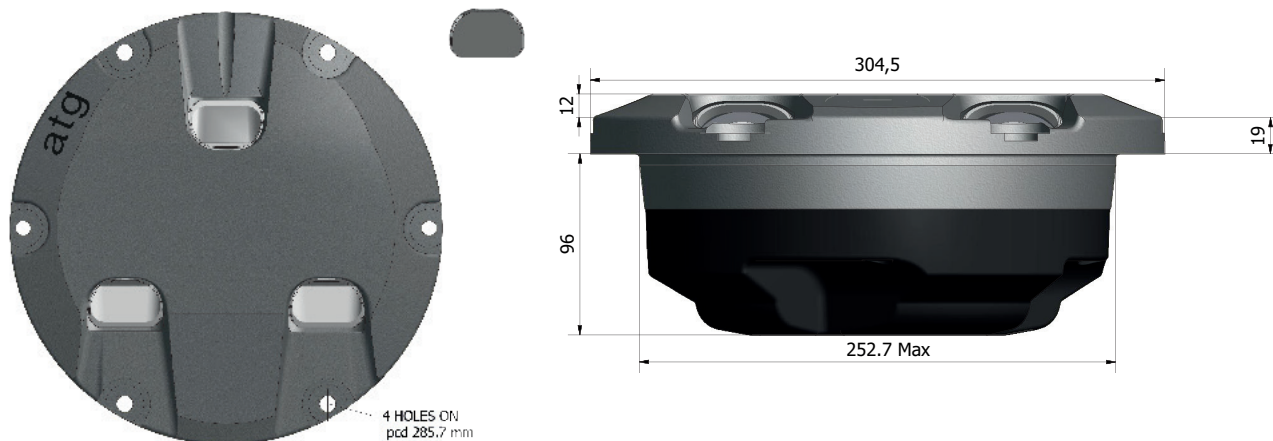
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Dimensions



Packaging

- ▶ Net weight 9.3Kg
- ▶ Gross weight 10kg (boxed)
- ▶ Box 50mm (L) x 330mm (W) x 330mm (H)

*Dimensions are nominal

Consultants specification and installation information for the ZA range is available by request. Contact marketing@atgairports for further details.

atg airports reserve the right to change technical data and details at any point in time. Errors may have occurred



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