

# als

airfield lighting systems

Big enough to cope,  
small enough to care.



## als

### 12" LED Inset Lights

- IRB/IN Inset Runway Edge
- IRB/IN-C Inset Runway Edge With Circling Guidance



## FEATURES

- Prism windows protected from external forces by special mechanical design
- Low protrusion of 6 mm above ground level
- Applicable to all kinds of CCRs and ILCMS systems
- PWM digital regulation providing excellent consistency of chromaticity
- Integrated optical module with high light efficacy and good consistency
- Aluminum alloy forged top cover with hardened surface and corrosion resistance treatment
- Built-in surge protection
- Specially designed fail open system suitable for strong magnetism, vibration and other environments

ICAO • Annex 14 Volume I  
IEC • TS 61827  
EASA • CS-ADR-DSN  
AENA • DIN/DSEYN/

FAA • AC 150/5345-46  
• EB NO.67

• AENA: AC-137-  
CA-2015-03-R1

Compliant with NATO, UK  
& US Military Specifications

## PPT/011 TECHNICAL

## MECHANICAL

Mounting • 6 x M10 bolts      Static Load Resistance •  $\geq 35t$       Dynamic Load Resistance • 40J      Net Weight • 6.9kg  
Gross Weight • 7.2kg      Packing Dimensions • 354mm (L) x 324mm (W) x 135mm (H)

## ENVIRONMENTAL

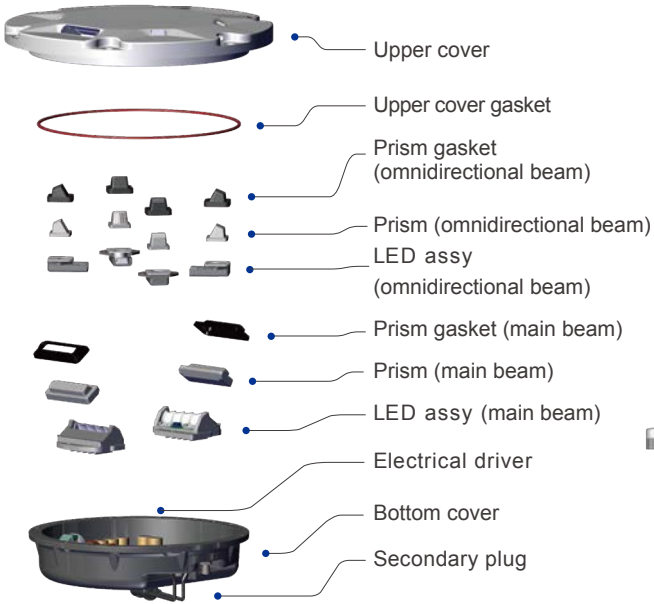
Operating Temperature • - 55°C~+55°C      Storage Temperature • - 55°C~+85°C      Protection Class • IP68      Humidity • 0~100%

## ELECTRICAL

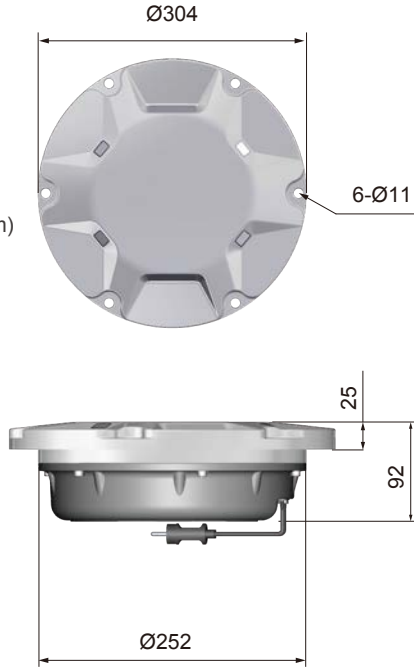
Connection • FAA L-823      Rated Input Current • 6.6A      Power Factor • >0.98  
Emission • IEC 61000-6-4      Immunity • IEC 61000-6-2      Service Life • LED useful lamp life > 80000h  
Inset Runway Edge - White/White • 42VA, White/Yellow • 42VA, White/Red • 30VA, Yellow/Red • 32VA, Red • 13VA  
Inset Runway Edge With Circling Guidance - White/White • 67VA, White/Yellow • 57VA, White/Red • 48VA, Yellow/Red • 42VA



COMPONENTS



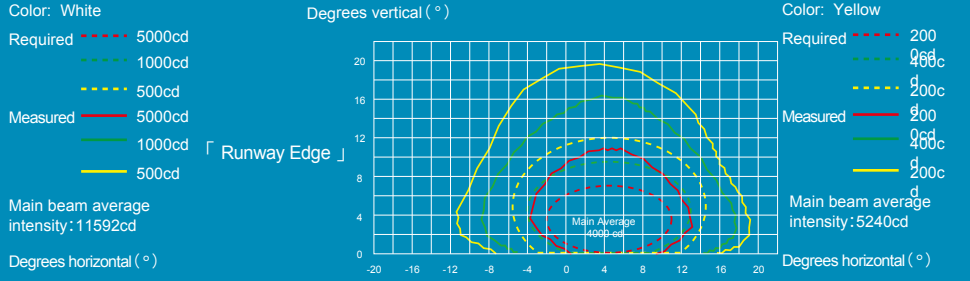
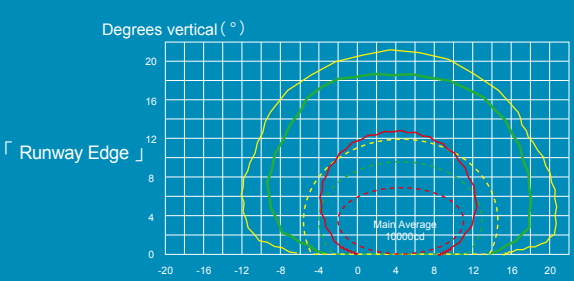
DIMENSIONS



ACCESSORIES

- © 12 inches shallow base assy (bottom entry/side entry)
- © 12 inches deep base assy
- © L-823 receptacle
- © 12 inches light fixture handle

PHOTOMETRICS



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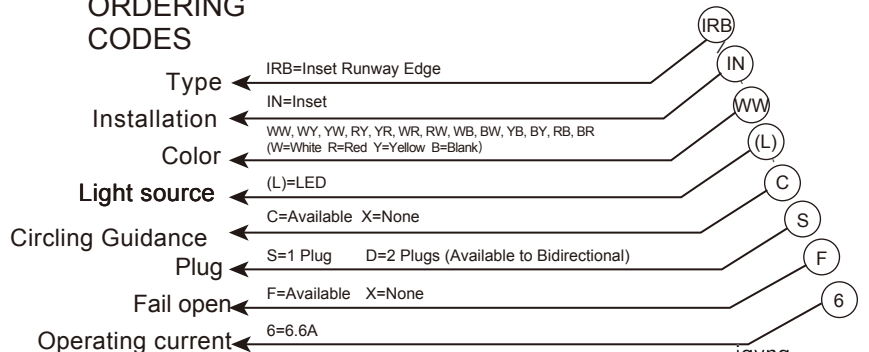
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ORDERING CODES



\* Accessories should be ordered separately