

IAD series 12" LED Inset Lights

COMPLIANCE

- ICAO • Annex 14 Volume I
- EASA • CS-ADR-DSN
- IEC • TS 61827
- FAA • AC 150/5345-46
- EB No. 67
- NATO • STANAG 3316
- AENA • DIN/DSEYN/PPT/010
- DIN/DSEYN/PPT/011
- Canada • TP 312
- Australia • MOS 139
- CAAC • AC-137-CA-2015-01-R1
- AC-137-CA-2015-03-R1
- AC-137-CA-2017-03

FEATURES

- Low protrusion of 6 mm above ground level
- Adaptable 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

- AL/IN Approach Centre Line and Crossbar
- AS/IN Approach Side Row
- TH/IN Runway Threshold
- TW/IN Threshold Wing Bar
- THRE/IN Runway End/Threshold Runway End
- RB/IN Runway Edge

TECHNICAL DATA



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

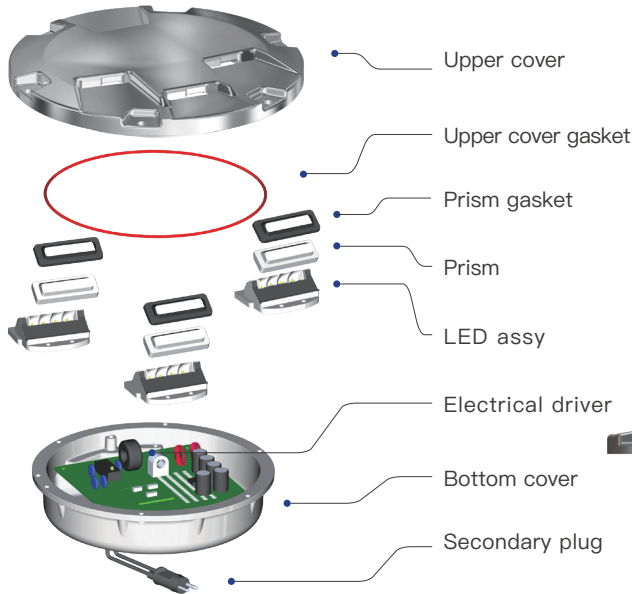
Operating Temperature • $-55^{\circ}C \sim +55^{\circ}C$ Storage Temperature • $-55^{\circ}C \sim +85^{\circ}C$ Protection Class • IP68 Humidity • 0~100%



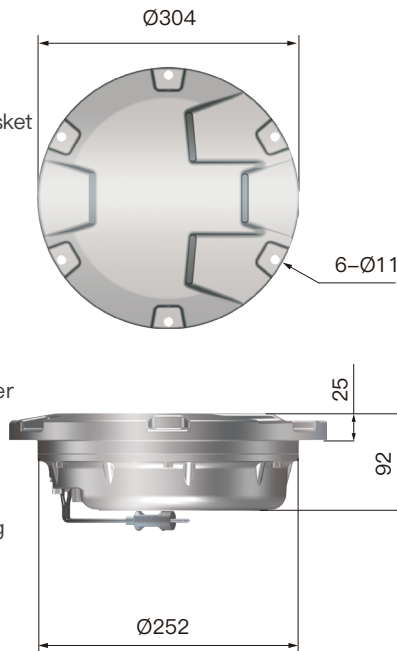
ELECTRICAL

Connection • FAA L-823 Rated Input Current • 6.6A Power Factor • >0.98
 Emission • IEC 61000-6-4 Immunity • IEC 61000-6-2 LED Lamp Life • Over 100,000 hours in typical operating conditions
 Approach Centre Line and Crossbar • 60VA Approach Side Row • 30VA Runway End • 20VA
 Runway Threshold / Threshold Wing Bar • 35VA Runway Threshold and End-Green/Red • 40VA (1P) • 44/9VA (2P), Red • 12VA
 Runway Edge-White/Red • 30VA (1P) • 23/14VA (2P) Runway Edge-White/White • 45VA (1P) • 23/23VA (2P)
 Runway Edge-White/Yellow • 40VA (1P) • 23/22VA (2P) Runway Edge-Yellow/Red • 28VA (1P) • 22/14VA (2P)

COMPONENTS



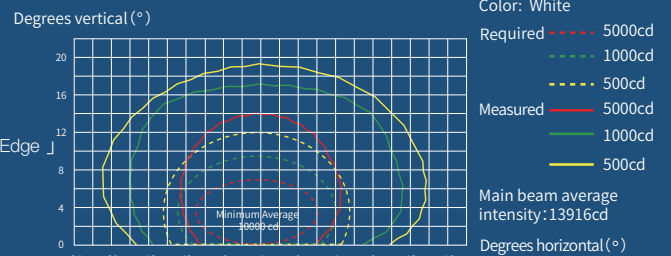
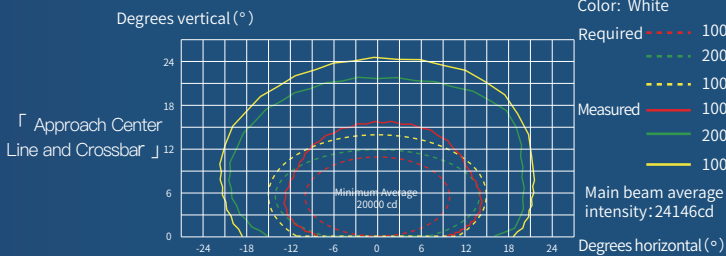
DIMENSIONS



ACCESSORIES

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

PHOTOMETRICS



ORDERING CODES

- AL=Approach Centre Line and Crossbar
 - AS=Approach Side Row
 - TW=Threshold Wing Bar
 - THRE=Runway end/Threshold or Runway End
 - TH=Runway Threshold
 - RB=Runway Edge
 - IN=Inset
 - W, G, R, GR, WW, WY, YW, YR, RY, WR, RW
 - WB, BW, YB, BY, RB, BR
 - W=White G=Green Y=YELLOW R=Red B=BLANK
 - (L)=LED
 - L=Toe-in left R=Toe-in right X=None
 - S=1 Plug D=2 Plugs
 - F=Available X=None
 - 6=6.6A
 - Blank=Standard, S=Sapphire
- RB IN WW (L) X S F 6 S