

# als

airfield lighting systems

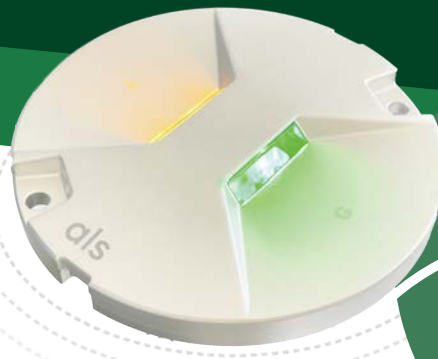
Big enough to cope,  
'small enough to care.



ICAO • Annex 14 Volume I EASA • FAA • AC 150/5345-46  
CS-ADR-DSN • EB No. 67

IEC • TS 61827  
AENA • DIN/DSEYN/PPT/018

Compliant with NATO, UK  
& US Military Specifications



## als

### 8" LED Inset Lights

- TS/IN Taxiway Centre Line-Straight Section  
Runway Turn Pad-Straight Section
- TC/IN Taxiway Centre Line-Curved Section  
Runway Turn Pad-Curved Section Stop
- SBS/IN Bar-Straight Section  
No-entry Bar-Straight Section Runway  
Entrance-Straight Section Stop Bar-
- SBC/IN Curved Section  
No-entry Bar-Curved Section
- HP/IN Intermediate Holding Position

## 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
- 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

## TECHNICAL DATA

### MECHANICAL

Mounting • 2 x M10 bolts Gross      Static Load Resistance • ≥18t      Dynamic Load Resistance • 40J      Net Weight • 3.7kg (one plug)  
Weight • 3.9kg (one plug)      Packing Dimensions • 253mm (L) x 223mm (W) x 107mm (H)      4.5kg (two plugs)  
4.7kg (two plugs)

### ENVIRONMENTAL

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

### ELECTRICAL

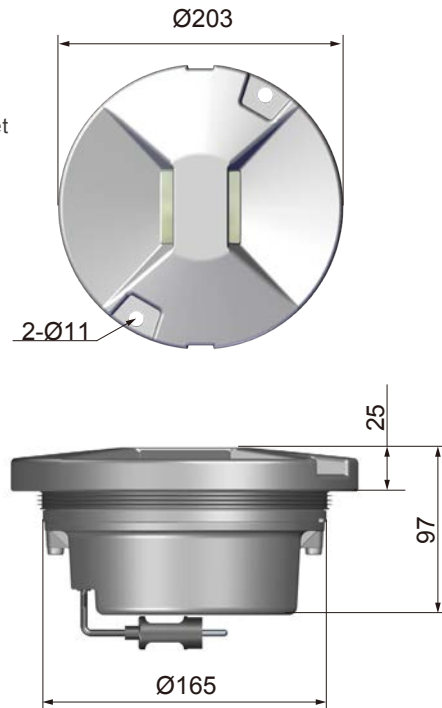
Connection • FAA L-823      Rated Input Current • 6.6A/2.2A      Power Factor • >0.98  
Emission • IEC 61000-6-4      Immunity • IEC 61000-6-2      Service Life • LED useful lamp life > 80000h Taxiway Center  
Line - Straight • 9VA (unidirectional Y/G) • 11VA (bidirectional 1P GG/YY/YG) • 9VA/9VA (bidirectional 2P GG/YY/YG) Taxiway Center Line - Curved •  
9VA (unidirectional Y) • 10VA (unidirectional G) • 13VA (bidirectional 1P GG/YG) • 14VA (bidirectional 1P YY) Taxiway Center Line - Curved •  
10VA/10VA (bidirectional 2P GG/YY/YG)  
Stop Bar-Straight section • 10VA      Stop Bar-Curved section • 9VA      Intermediate Holding Position • 9VA



COMPONENTS



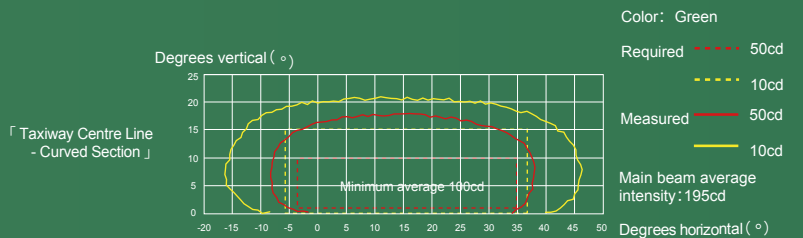
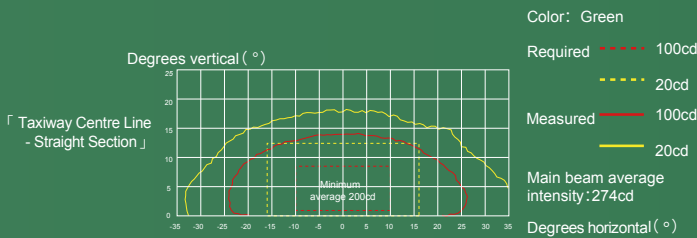
DIMENSIONS



ACCESSORIES

- ⊙ 8 inches shallow base assy (bottom entry/side entry)
- ⊙ 12 inches shallow base assy (bottom entry/side entry)
- ⊙ 12 inches deep base assy
- ⊙ 8-12 inches adapter ring assy
- ⊙ L-823 receptacle
- ⊙ 8 inches light fixture handle

PHOTOMETRICS



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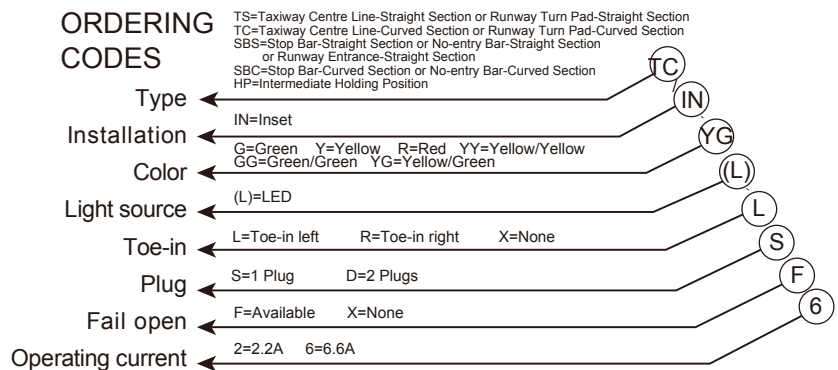
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ORDERING CODES



\* Accessories should be ordered separately

