

LED INSET STOP BAR LIGHT (8 INCH - 12 INCH)

APPLICATIONS

Stop Bar for FAA runways

BENEFITS

- 60000 hours LED rated life at full intensity, but over 100000 hours in field operating conditions
- In new installation, LED lights mean lower loads, lower size of CCRs and transformers, thus low life cycle costs
- The light output is variable like a traditional halogen lamp, as indicated by the FAA "Engineering Briefing No.67"
- Colour emitted directly by LEDs: absence of coloured filters ensures no energy losses and no colour shifts
- Fully compatible with existing AFL infrastructure*
- Designed with simplicity allowing longer maintenance intervals and fewer spare parts • No use of sealant to fix the prisms in the dome thanks to customized gaskets, making their replacement quick and easy
- No optical adjustment after LED module or prism replacement
- Valve for watertightness test after overhaul
- Operating with any topology of CCRs designed in compliance with IEC or FAA requirements
- For monitored fixtures, isolation transformer max size: 200VA



PERFORMANCES

- The electronic is strong-built and highly resistant to shock and vibration
- Power supply via series circuit (2.8 - 6.6 A)
- Automatic adaptation to the frequency of the supply current
- A surge protection device is provided in the electronics as required by the FAA "Engineering Briefing No.67"
- Immediate detection of an internal fault
- 6.35 mm protrusion strongly reduces vibrations to aircrafts and to light itself, increasing its lifetime
- Dome smooth outer profile makes the light less sensitive to snowplough blades
- Bidirectional or unidirectional, 12" dia.
- Drop-forged dome and cast aluminium lower cover make the fitting sturdy, but lightweight too for ease handling in the field
- Light output practically not affected by heavy rainfall thanks to the shallow channel in front of the prism windows
- O-Ring placed outside the dome to avoid dirt deposits between light and base
Protection degree: IP68
- Temperature range: -55°C to +55°C

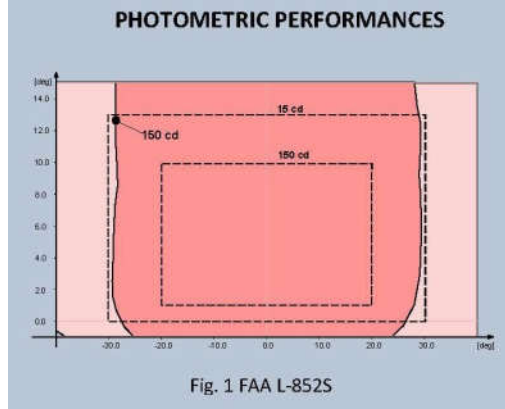
COMPLIANCES

FAA: L-852S, L-850D AC150/5345-46 and EB No. 67

INSTALLATION

- Suitable for 12" dia. bases
- Specific tools available for easy and precise installation





POWER CONSUMPTION*	
Electrical System	1 Plug
Unidirectional (w/o Arctic Kit)	17 va
Unidirectional (with Arctic Kit)	57 va

POWER CONSUMPTION*		
Input Step	2.8 A	6.6 A
Power Factor	0.96	0.98

- Measured at 6.6 A and referred to the highest consumption configuration

