

E27 LED lamp for low intensity aviation obstruction light



Reddot E27 LED lamp is specially designed for low intensity obstruction light. with Fresnel optic lens, in compliance with ICAO and FAA standard.

Features

Electronic characters:

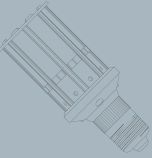
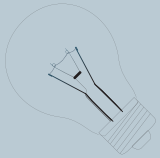
- Self-contained electronic control design
- Based on LED technology, long lifetime, low maintenance cost
- Extremely low power consumption,
- Top mounted LED indicator for power supply and operation status
- Over voltage protection
- Reverse polarity protection
- Available in DC12/24/48V and AC110/220C

Mechanical characters:

- Universal E27 lamp holder, easy replacement
- Robust aluminum lamp body, providing better heat dissipation
- Good anti-vibration



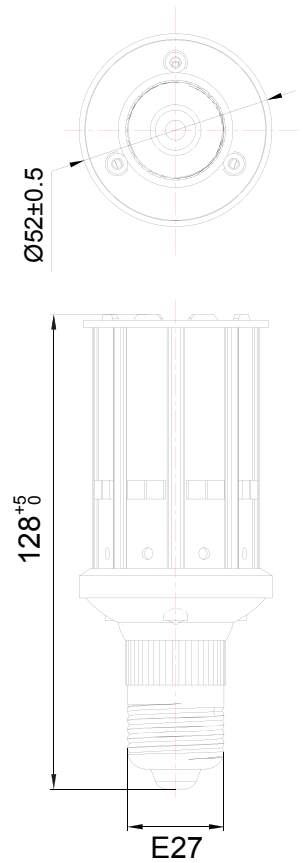
Advantage Comparison

Reddot E27 LED lamp	Traditional LED lamp (incandescent , fluorescent)
	
Very low power consumption (E27100 only 8W)	High power consumption (100W or more)
Reliable long lifetime, Low maintenance cost	High replacement frequency
Better anti-vibrant and robust structure	Easy to break during transportation and installation
Compact electronic control design, expandable functions(eg. built-in photosensor, flashing rate adjustable), can work standalone even without controller	Not Electronics friendly, must work with controller



Specifications

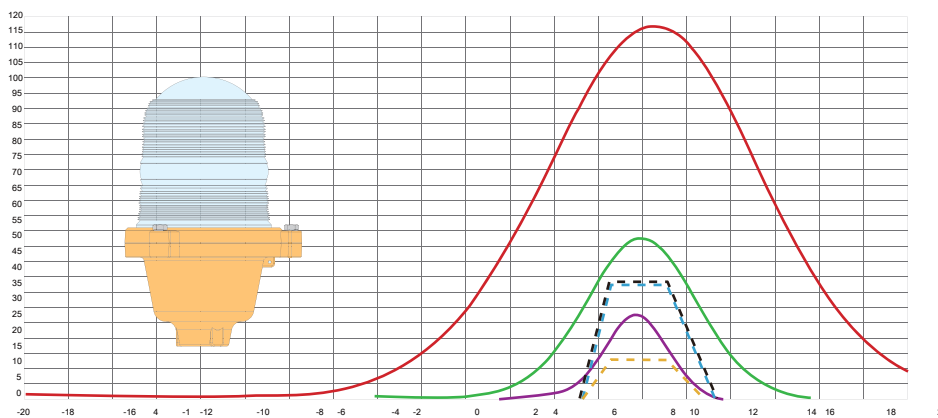
LIGHT OUT-PUT		E2710	E2732	E27100
Effective Intensity (Work in light)		>10cd	>32.5cd	>100cd
Standard		ICAO type A	ICAO type B FAA L810	>ICAO type B >FAA L810 CASA
LED Nos		8	16	16(High-Flux)
Vertical Divergence		120 degree		
Horizontal Output		360 degree		
LED color		Aviation Red, Other colors are available upon request		
LED lifespan		100,000 hours		
Operation pattern		Steady-burning		
Power Supply				
Nominal Voltage		12VDC,24VDC,48VDC 110VAC, 220VAC 50/60HZ		
Power Consumption		4W	6W	8W
Mechanical Structure				
Body		Aluminum		
Base		E27		
Weight		0.15KG		
Temperature Range		-40°C- +55°C		
Dimension		128mm*52mm(HxDia.)		
Warranty		5 year		
Optional		Available with built-in photosensor		



Type	Series	AC/DC	Voltage
E27	10	A	12
	32	D	24
	100		48
			110
			220

For example, E2732D48 means, E27 LED lamp, effective intensity>32.5cd fitted in Fresnel lens, DC48V power supply , steady-burning.

Photometric Performance (Work in light)



- E2710 Data
- E2732 Data
- E27100 Data
- - - FAA L810 minimum requirement
- - - ICAO 32.5cd minimum requirement
- - - ICAO 10cd minimum requirement

Recommendation :
 For buyers who have installed other brand-name obstruction light that with Fresnel Lens, REDDOT E27 lamp can fit into most of them after minor LED position change vertically.
 Please consult our sales for further



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