

# LED AIRFIELD LIGHTING



Elevated LED-Light Series  **TAXIWAY EDGE LIGHTS-BLUE**

## Key Features

- Compact structure
- Completely Sealed
- Easy maintenance
- High efficiency optics

## Standards Complying

- ICAO Annex 14 Vol 1. 7. Edition
- CAAC AC-137-CA-2015-01~04
- EASA CS-ADR-DSN
- FAA AC150/5345-46E

### Technical Data

Mechanics		
Height	160 mm	
Height above Surface	<330mm	
Diameter	76mm	
Weight	1.1kg	
Mounting	on 60mm pole or breakable coupling	
Wind load resistance	>450km/h	
Environmental		
Operating Temperature	-50°C - +55°C (device must be always active)	
Storage Temperature	-40°C - +85°C	
Solar Radiation	1.5kW/m <sup>2</sup>	
Vibration Resistance	IEC60068-2-6	
Protection Class (dust/liquids)	IP67 (IEC69598-1)	
Humidity	0-100%	
Electrical		
Connection	FAA L823 Style 1 Connector	
Power Input	1.8-6.6A <sub>eff</sub> AC	
Sinewave CCR	I <sub>peak-max</sub> =9.47A I <sub>peak-min</sub> =2.50A	
Thyristor CCR	I <sub>peak-max</sub> =11.40A φ <sub>min</sub> =45°	
Power factor (nominal)	>0.7	
Power consumption (nominal)	Blue 1.0W	
Thermal Protection	80°<LED-PCB Temp<105°C	Linear reduction
	LED-PCB Temp> 105°C	Shutdown & Fail Open
Thermal Degradation Compensation	Luminous Flux @ -40°C-85°C LED-PCB Temp	±5%
EMC Protection	Emission	IEC61000-2
	Immunity	IEC61000-4