

LED AIRFIELD LIGHTING



Elevated LED-Light Series 

APPROACH LIGHT-WHITE

Key Features

- Robust Design with:
 - Die-cast and powder coated housing
 - Encapsulated and replaceable electronic components
- Easy maintain design - maintenance without tools
- Easy correcting design - adjust angle without tools
- High efficient and transformer free driver electronics
- Fail Open functionality - selectable between auto-reset and external reset
- 80,000h serviceable lamp life time (luminous performance >70% of the initial value)

Standards Complying

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

APPROACH LIGHT-WHITE

Technical Data

Mechanics		
Height	320mm	
Diameter	163mm	
Weight	4kg	
Mounting	on 60mm pole or breakable coupling	
Wind load resistance	>450km/h	
Angle	0-5.5°	
Environmental		
Operating Temperature	-50°C - +55°C (device always active)	
Storage Temperature	-40°C - +85°C	
Solar Radiation	1.5kW/m ²	
Vibration Resistance	IEC60068-2-6	
Protection Class (dust/liquids)	IP67 (IEC69598-1)	
Humidity	0-100%	
Estimated Lifetime (Ld70)	80,000h	
Electrical		
Connection	FAA L823 Style 1 Connector	
Power Input	1.8-6.6A _{eff} AC	
Sinewave CCR	I _{peak-max} =9.47A I _{peak-min} =2.50A	
Thyristor CCR	I _{peak-max} =11.40A φ _{min} =45°	
Power factor (nominal)	>0.85	
Power consumption (nominal)	White <35.0W	
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
Fail Open		
Reaction on		- Open Circuit on output
		- Short Circuit on output
		- Over Temperature
Resetting	Self - resetting type:	Reset after Circuit has been reset for min 10s
	Latch type:	Reset by applying external trigger