

LED AIRFIELD LIGHTING



LED Precision Approach Path Indicator

- ELG-PAPI-C(L) Precision Approach Path Indicator (2.8~6.6A)

Compliance with Standards (current version)

ICAO	Annex 14, Volume 1, & Aerodrome Design Manual
EASA	CS-ADR-DSN

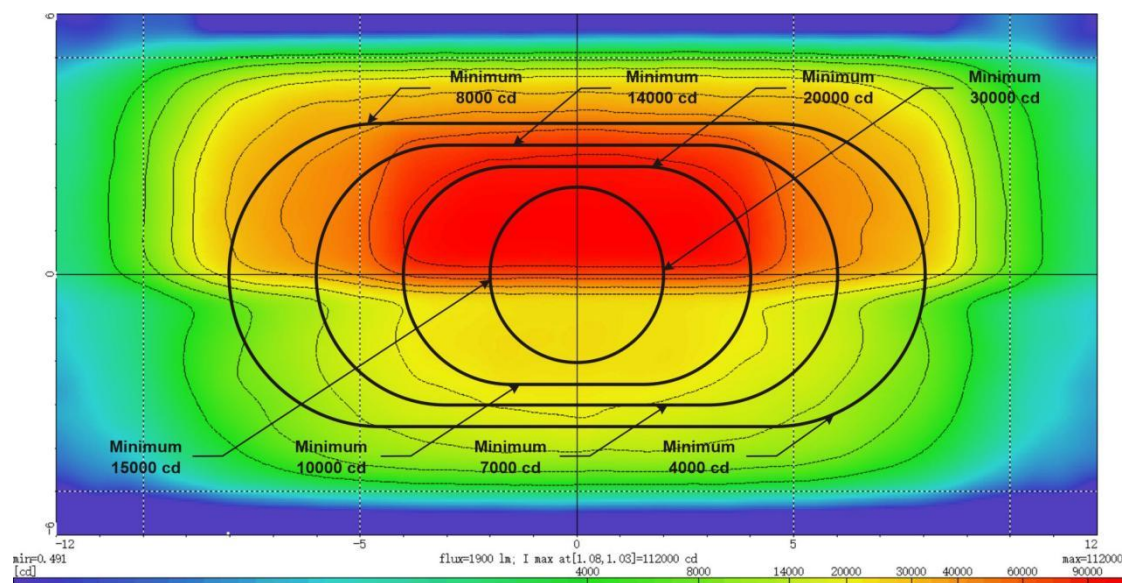
KEY FEATURES

- LED technology enables a long lifetime and minimal maintenance.
- LED light source provides a sharp red/white transition line at all intensities.
- Built-in high inclinometer with a digital display indicates the vertical angle with a resolution of 0.01°. The unit can be aimed at any angle up to 10%.
- Sealed optical module can be removed/replaced quickly without removing the housing.
- Power consumption of each unit is 55W.
- Optional Arctic Kits.

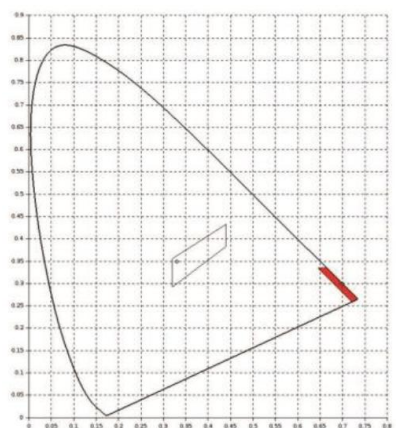
TECHNICAL DATA

MECHANICS (EACH UNIT)	
Dimensions	Length 834mm; Width 540mm (Height 370mm~810mm adjustable)
Packing Dimensions	1100mm×650mm×500mm
Net Weight	32kg
Gross Weight	41kg
ENVIRONMENTAL	
Operating Temperature	-55°C ~ +55°C
Storage Temperature	-55°C ~ +85°C
Wind Loading	> 161 km/h
Humidity	0 ~ 100%
Protection Class (Dust/Liquids)	IP65 (IEC 60598-1)
Surge	6KV, 3KA (IEC 61000-4-5)
ELECTRICAL	
Connection	FAA L823 Class A, Type II ,Style 6, one connector
Power Input	2.8-6.6A _{eff} AC
Power Factor (Nominal)	> 0.9
Inclinometer	Rang -9.99° ~ +10°, Resolution 0.01°, Precision ±0.02°
Tilt Detection	When a unit light beam is downward against a preset elevation angle between 0.25° and 0.5° or upward against between 0.5° to 1° for about 30 seconds, the system will power off, and the alarm signal of "The system is off" is issued by the standard communication interface.
Light Source Fault Detection	When a unit due to a light source failure, the main light beam of the unit is less than 50% of the initial light intensity, the system will power off, and the alarm signal of "The system is off" is issued by the standard communication interface.
Power Consumption (Each Unit)	55W (Not include heating power)

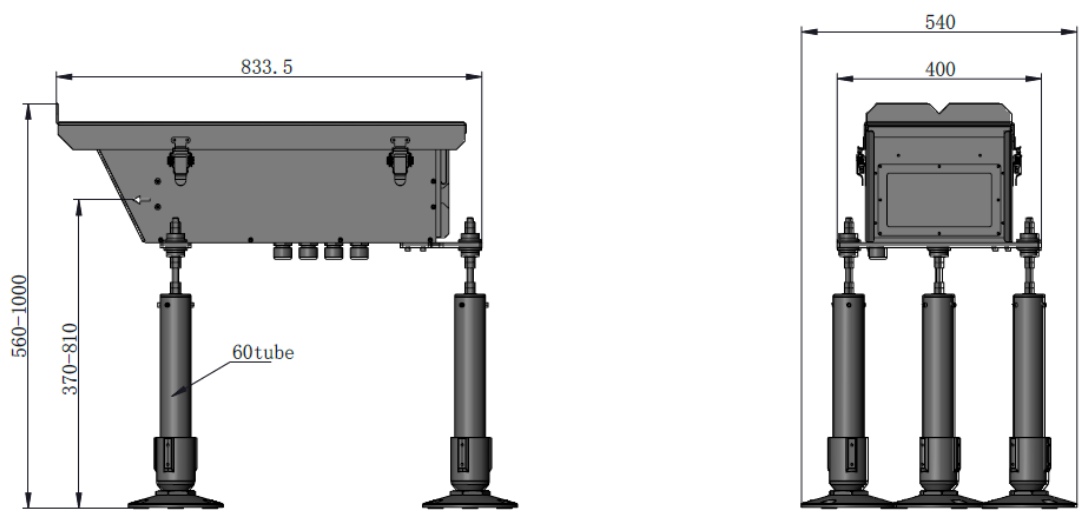
OPTICAL



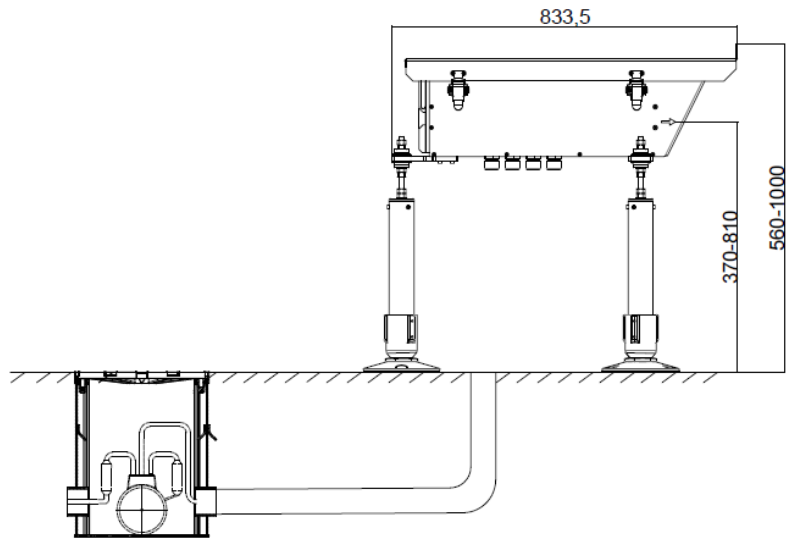
COLOR COORDINATES



DESIGN



INSTALLATION



ORDERING CODE

	ELG		C				
Light Structure ELG: Elevated Type G Structure	●						
Function / Application ① PAPI: Precision Approach Path Indicator APAPI: Abbreviated Precision Approach Path Indicator		●					
Control C: Current 2.8A~6.6A			●				
Light Source L1: LED Light Source for PAPI 1# L2: LED Light Source for PAPI 2# L3: LED Light Source for PAPI 3# L4: LED Light Source for PAPI 4#				●			
Front Glass C: Conventional Glass R: Reinforced Glass (Only for Led PAPI) H: Heating Glass (Only for Led PAPI) ②					●		
Elevation Between the Lens Centers of the Light Units and the Ground ③ 1: Adjustable Height 370mm~810mm						●	
Version Customize: This option is not filled in by default,unless otherwise required							●

ORDERING CODE NOTES

- ① Above ordering code includes the 1set (1pcs) PAPI or 1set (1pcs) APAPI, adjustable mounting legs, coupling, base plate, does not include cables, screws and other installation accessories. If required,order extra L1(1#) for standby use.
- ② Heating glass need additional 15W, the heating function is started by default after power on and automatically turned off after 30 minutes.
- ③ You can select a height according to need (370mm~810mm), if you order a height 550mm, fill "550" in the optional box.