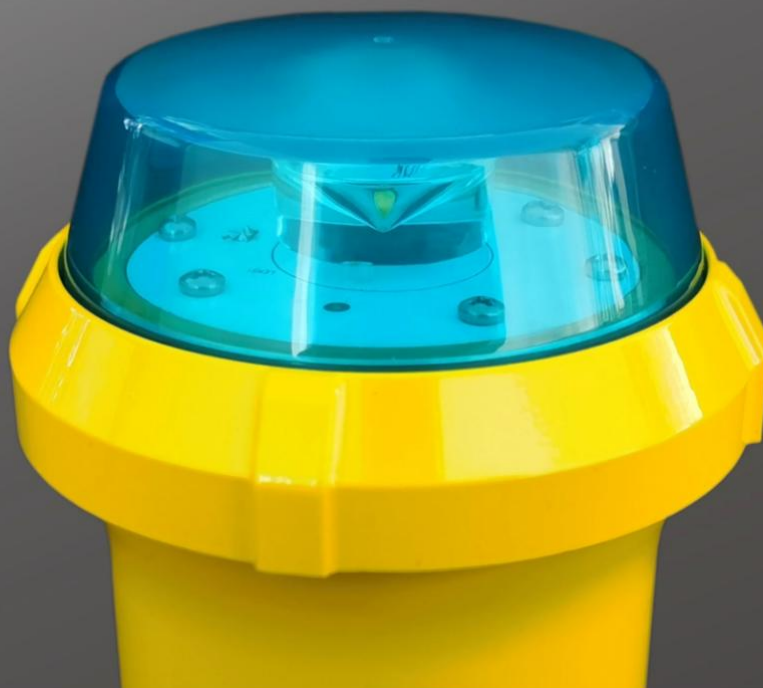


LED AIRFIELD LIGHTING



Omnidirectional Elevated Light-Firefly Series TAXIWAY EDGE / RUNWAY TURN PAD EDGE APRON / LANDING DIRECTION INTICATOR

- ELC-TWE-B(L) Taxiway Edge Lights
- ELC-RPT(L) Runway Turn Pad Edge Lights
- ELC-PAL(L) Apron Lights
- ELC-TSL(L) Landing Direction Inticator Lights

Compliance with Standards (current version)

ICAO	Annex 14, Volume 1, & Aerodrome Design Manual
EASA	CS-ADR-DSN
IEC	TS 61827
FAA	AC150/5345-46 & Engineering Brief NO. 67
AENA	DIN-DSEYN-PPT
TCCA	TP 312
CASA	MOS Part 139
UK CAA	CAP 168

KEY FEATURES

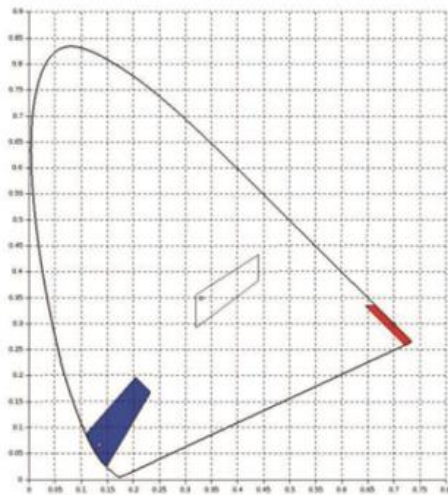
- Simple and modular structure, designed to avoid snow or dust accumulation
- Fail open is optional, suitable for individual lamp control and monitoring
- Efficient packaging, Effectively eliminate air tightness failure and easy to remove and maintain

TECHNICAL DATA

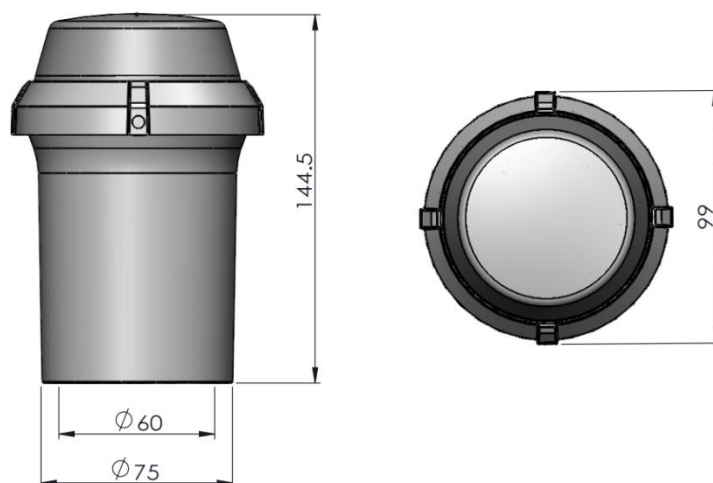
MECHANICS		
Diameter	99mm	
Height	144.5mm	
Packing Dimensions	360mm×225mm×350mm (9pcs / Package)	
Net Weight	0.9kg	
Gross Weight	8.5kg (9pcs / Package)	
ENVIRONMENTAL		
Operating Temperature	-55℃ - +55℃	
Storage Temperature	-55℃ - +85℃	
Humidity	0-100%	
Protection Class (Dust/Liquids)	IP67 (IEC 60598-1)	
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 or 24V DC	
Power Factor (Nominal)	> 0.9	
Power Consumption (Nominal)	TWE/RPT-Blue	5.5W
	PAL-Red	5W
	TSL-White	10W
Fail Open*	Optional	

* Fail Open: Only for 6.6A AC power input.

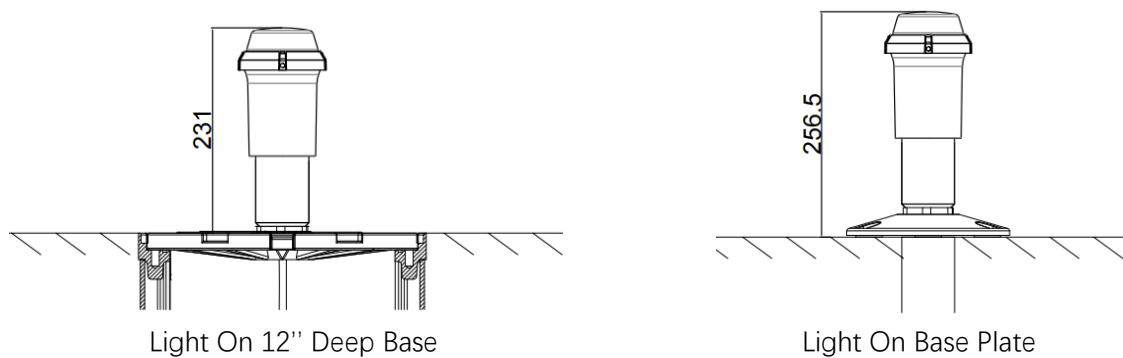
COLOR COORDINATES



DESIGN



INSTALLATION



ORDERING CODE

	ELC			1				
Light Structure ELC: Elevated Omnidirectional Light								
Function / Application TWE: Taxiway Edge Lights RPT: Runway Turn Pad Edge Lights PAL: Apron Lights TSL: Landing Direction Indicator Lights								
Color ^① B0: Blue, R0: Red, W0: White								
Inputs 1: Single Input								
Fail Open FOM: Fail Open Manual-reset FON: No Fail Open								
Power Supply ^② A: 6.6A AC V: 24V DC								
Coupling ^③ 0: No coupling 1: Coupling (OD=60mm)								
Base plate ^④ 0: No base plate 1: Base plate Ø187mm 2: Base plate Ø304mm								
Version Customize: This option is not filled in by default,unless otherwise required								

ORDERING CODE NOTES

- ① We can provide color codes including B0, R0, W0, as shown in Figure1.
- ② Fail Open is only applicable to power supply with 6.6A AC, if 24V power supply is selected, leave the Fail Open option blank.
- ③ Figure2: Coupling.
- ④ Figure3: Base plate.

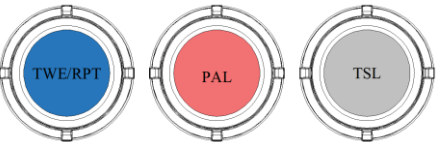


Figure1 (Overlook View)



Figure2

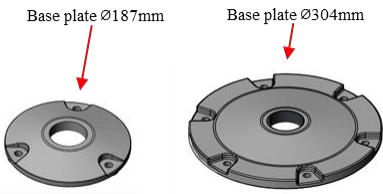


Figure3