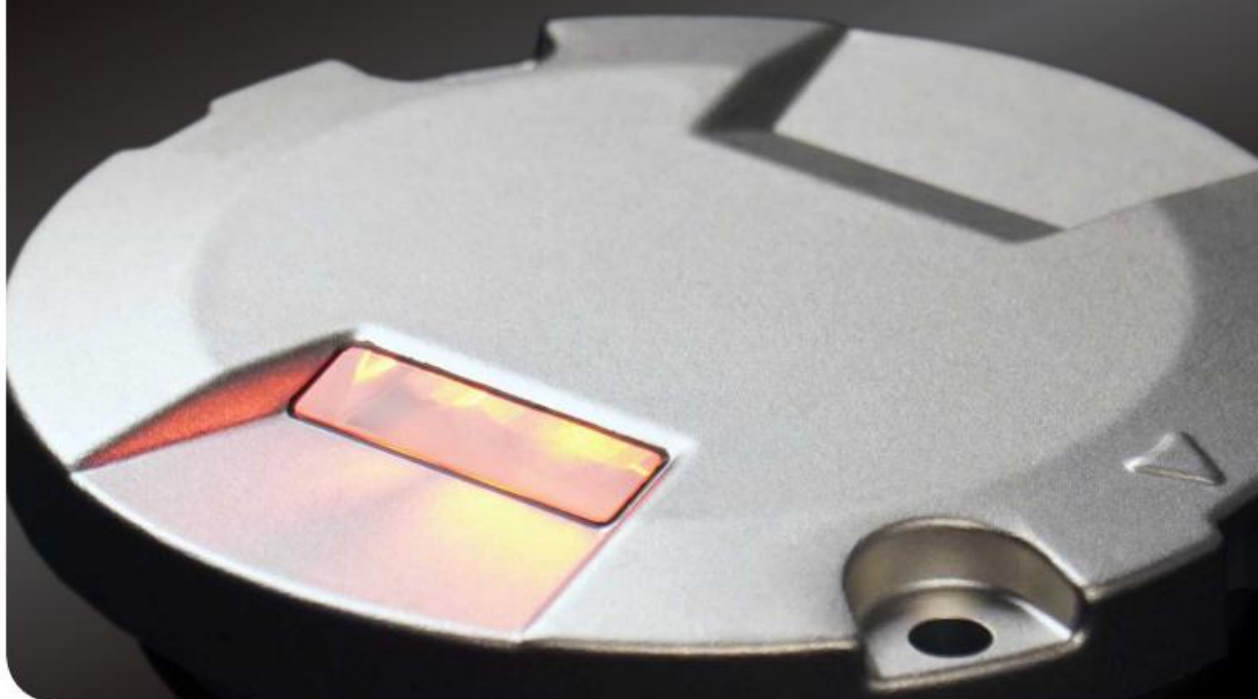


LED AIRFIELD LIGHTING



LED Inset Light Series

RUNWAY STATUS LIGHTS

- ILA-RELS(L) Runway Entrance Lights
- ILA-THLS(L) Take-off Hold Lights
- ILB-RELS(L) Runway Entrance Lights
- ILB-THLS(L) Take-off Hold 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

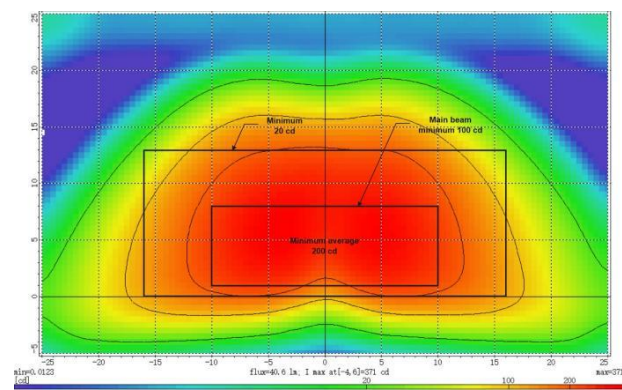
KEY FEATURES

- Ultra-Flat surface-Only 3.5mm(8")/6mm(12") above surface
- The light responds quickly and timely, output is stable and reliable
- Reinforced prism, excellent optical performance, high strength,hardness,wear resistance
- Reinforced cover has high temperature resistance, wear resistance and corrosion resistance
- Construct dexterity-can fit the halogen light shallow base
- Precise optical design and construction, effective and accurate realization of optical configuration requirements
- Suitable for the runway status light system, to convey the runway occupancy state
- The Arctic Kit function is optional

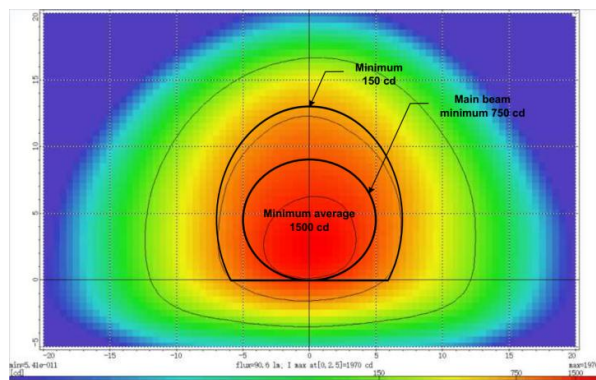
TECHNICAL DATA

MECHANICS			
Series	8" (ILA)	12" (ILB)	
Diameter	203mm	304mm	
Flange Thickness	19mm	19mm	
Height Above Surface	3.5mm	6mm	
Static Load Resistance	20t	30.3t	
Shear Load Resistance	1.7t	1.7t	
Packing Dimensions	250mm×235mm×110mm	390mm×365mm×130mm	
Net Weight	2.8kg	7.6kg	
Gross Weight	3.2kg	8.2kg	
ENVIRONMENTAL			
Operating Temperature	-55°C - +55°C		
Storage Temperature	-55°C - +85°C		
Humidity	0-100%		
Protection Class (Dust/Liquids)	IP68 (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		
Power Consumption (Nominal)	RELS-Red	without Arctic Kit	7W
		with Arctic Kit	17W
	THLS-Red	without Arctic Kit	16W
		with Arctic Kit	26W
Fail Open	Optional		

OPTICAL

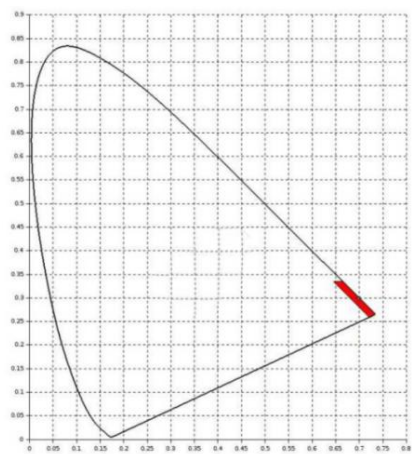


REL-Red

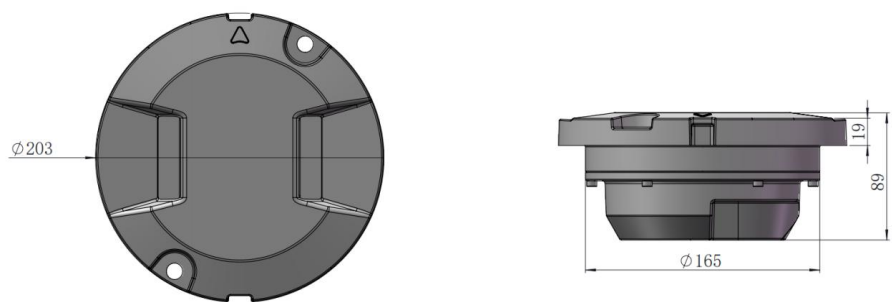


THLS-Red

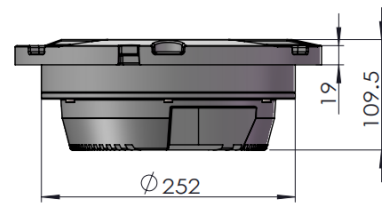
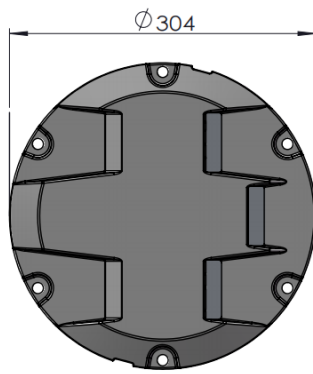
COLOR COORDINATES



DESIGN

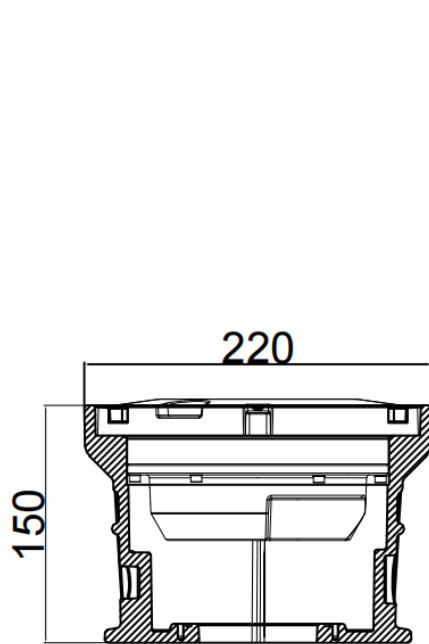


ILA-8" Size

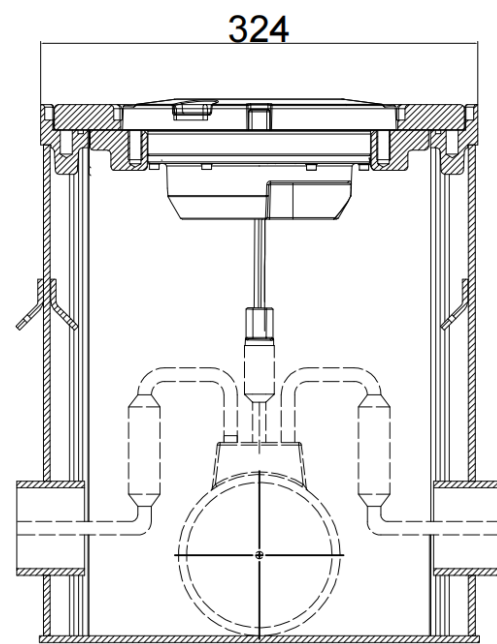


ILB-12" Size

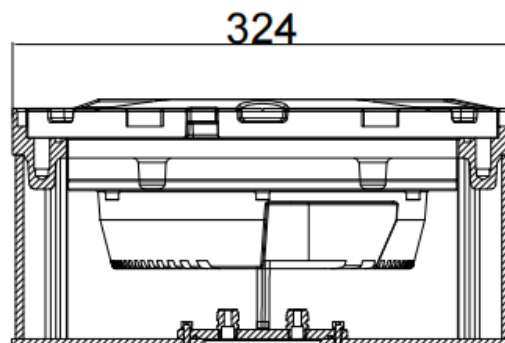
INSTALLATION



8" Light On 8" Shallow Base



8" Light on 12" Base with Adapter Ring



12" Light On 12" Shallow Base

ORDERING CODE

Light Structure

ILA: Inset 8" Light

ILB: Inset 12" Light

Function / Application

RELS: Runway Entrance Lights

THLS: Take-off Hold Lights

Color^①

R0: Red

Inputs

1: Single Input

Fail Open

FOM: Fail Open Manual-reset

FON: No Fail Open

Prism

C: Conventional Prism

R: Reinforced Prism

Top Cover

S: Standard Cover

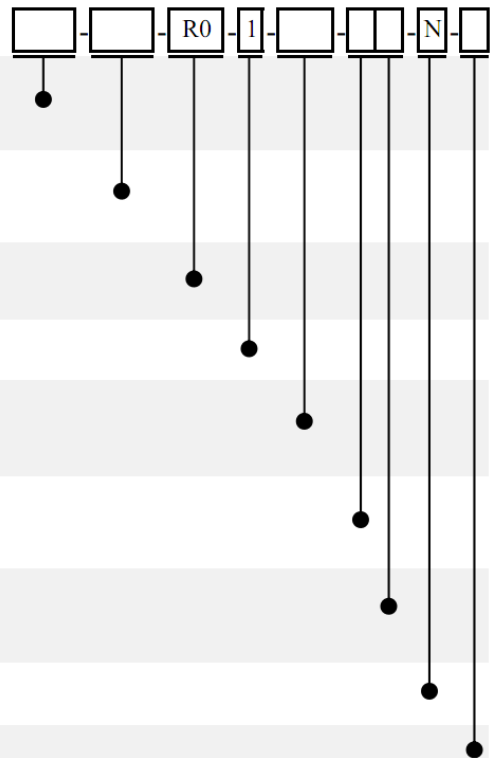
R: Reinforced Cover

Ground Pole

N: With Ground Pole

Version

Customize: This option is not filled in by default,unless otherwise required



ORDERING CODE NOTES

① We can provide color code including R0, as shown in Figure 1

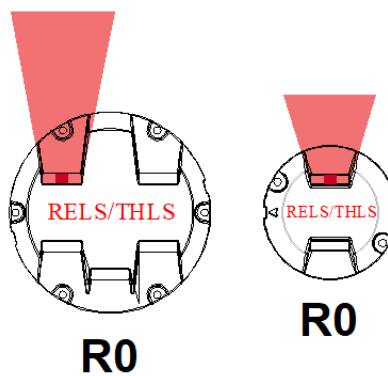


Figure 1 (Overlook View)