

LED AIRFIELD LIGHTING



8" LED Inset Light- Medusa Series

AIRCRAFT STAND MANOEUVRING GUIDANCE/ TAXIWAY EDGE

- ILC-P-SMG(L) Protective Stand Manoeuvring Guidance Lights
- ILC-P-TWE(L) Protective Taxiway Edge Lights

Compliance with Standards (current version)

ICAO	Annex 14, Volume 1, & Aerodrome Design Manual
EASA	CS-ADR-DSN
IEC	TS 61827

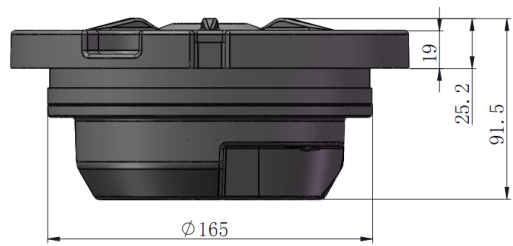
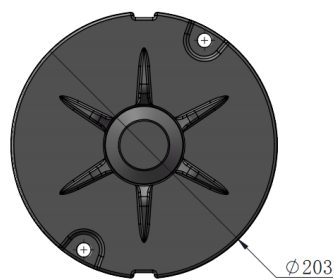
KEY FEATURES

- Ultra-Flat Propulsion-Only 6mm above surface
- Reinforced cover has high temperature resistance, wear resistance and corrosion resistance
- Construct dexterity-can fit the halogen light shallow base
- The Protected structure can protect the light fixture from damage to the snowplow and other equipment
- The Arctic Kit function is optional

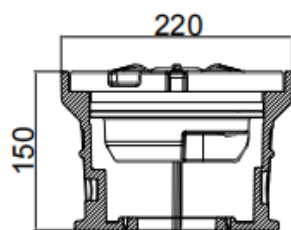
TECHNICAL DATA

MECHANICS			
Diameter	203mm		
Flange Thickness	19mm		
Height above Surface	6mm		
Static Load resistance	14t		
Shear Load resistance	1.7t		
Packing Dimensions	250×235×110mm		
Net weight	2.8kg		
Gross weight	3.2kg		
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)	P-SMG-Yellow	without Arctic Kit	24W
		with Arctic Kit	34W
	P-TWE-Blue	without Arctic Kit	7.5W
		with Arctic Kit	17.5W
Fail Open	Optional		

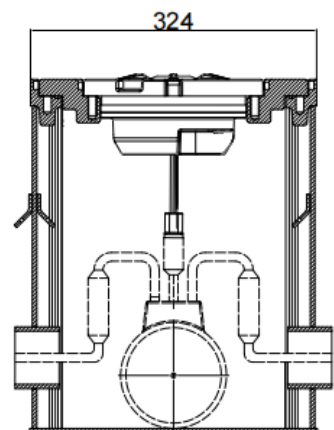
DESIGN



INSTALLATION



8" Light On 8" Shallow Base



8" Light on 12" Base with Adapter Ring

ORDERING CODE

Light Structure

ILC: Inset 8" Omnidirectional Light

Function / Application

PSMG: Protective Stand Manoeuvring Guidance Lights

PTWE: Protective Taxiway Edge Lights

Color[Ⓢ]

Y0: Yellow, B0: Blue

Inputs

1: Single Input

Fail Open

FOM: Fail Open Manual-reset

FON: No Fail Open

Prism

C: Conventional Prism

Top Cover

S: Standard Cover

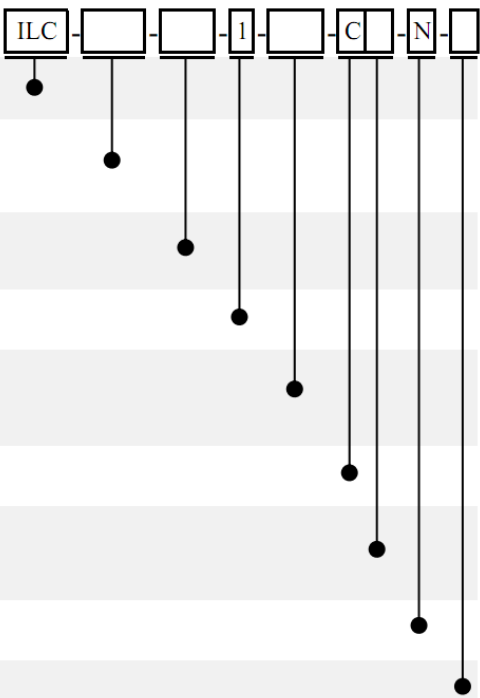
R: Reinforced Cover

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 codes including Y0, B0, as shown in Figure 1

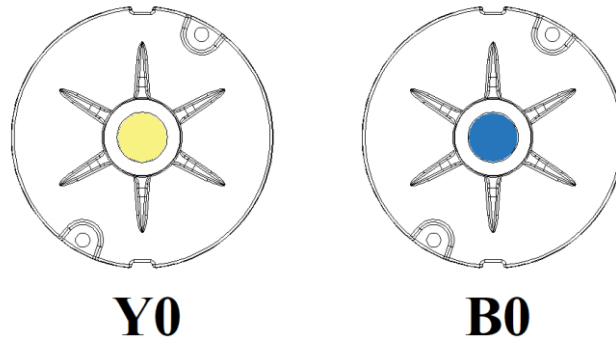


Figure 1 (Overlook View)