

LED AIRFIELD LIGHTING



12" LED Inset Light-BAT Series

APPROACH

- ILB-APH(L) Approach Center Line Lights
- ILB-ASR(L) Approach Side Row Lights

Compliance with Standards (current version)

ICAO	Annex 14, Volume 1, & Aerodrome Design Manual
EASA	CS-ADR-DSN
IEC	TS 61827
AENA	DIN-DSEYN-PPT
TCCA	TP 312
CASA	MOS Part 139
UK CAA	CAP 168

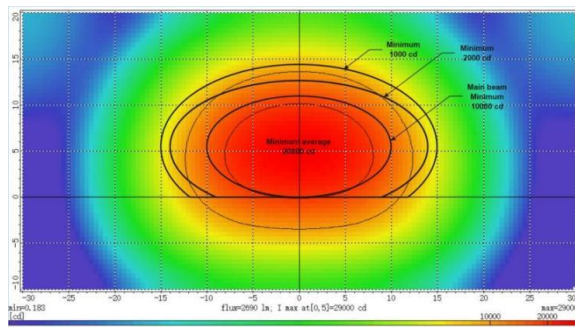
KEY FEATURES

- Ultra-Flat surface-Only 6mm above surface
- Structure, reliable electrical, excellent static load and impact resistance
- 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
- The vertical coverage of the main beam 0° to 11.5° meet the requirements of the approach light (threshold to 475m)
- The Arctic Kit function is optional

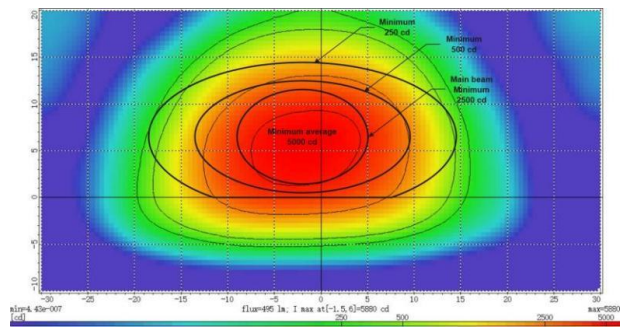
TECHNICAL DATA

MECHANICS			
Diameter	304mm		
Flange Thickness	19mm		
Height Above Surface	6mm		
Static Load Resistance	30.3t		
Shear Load Resistance	1.7t		
Packing Dimensions	390mm×365mm×130mm		
Net Weight	7.6kg		
Gross Weight	8.2kg		
ENVIRONMENTAL			
Operating Temperature	-55℃ - +55℃		
Storage Temperature	-55℃ - +85℃		
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)	APH-White	without Arctic Kit	54W
		with Arctic Kit	69W
	ASR-Red	without Arctic Kit	29W
		with Arctic Kit	44W
Fail Open	Optional		

OPTICAL

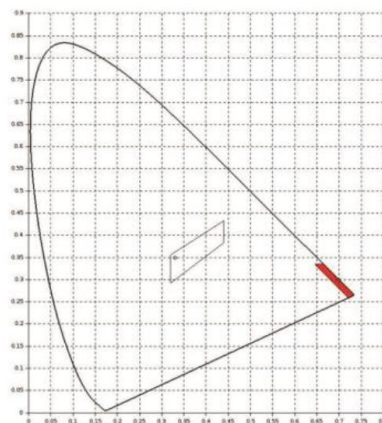


ILB-APH-White

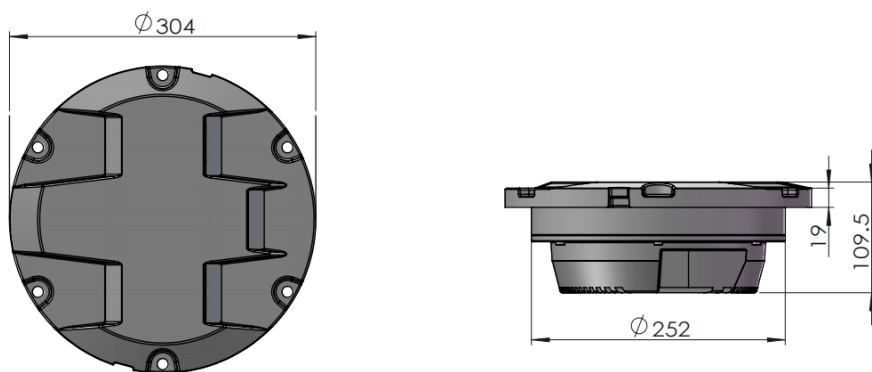


ILB-ASR-Red

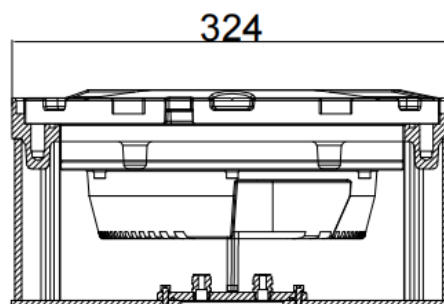
COLOR COORDINATES



DESIGN



INSTALLATION



Light On 12" Shallow Base

ORDERING CODE

	ILB			1			N	
Light Structure								
ILB: Inset 12" Light								
Function / Application								
APH: Approach Center Line Lights								
ASR: Approach Side Row Lights								
Color^①								
W0: White, R1: Red Left Toe-in, R2: Red Right Toe-in								
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 codes including W0, R1, R2, as shown in Figure 1.

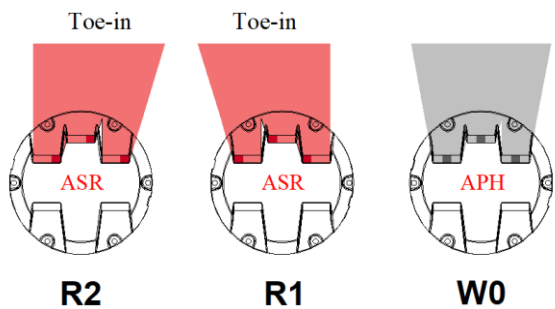


Figure 1 (Overlook View)