

LED AIRFIELD LIGHTING



12" LED Inset Light-BAT Series THRESHOLD/THRESHOLD WING BAR/THRESHOLD AND RUNWAY END

- ILB-THR(L) Runway Threshold Lights
- ILB-TWB(L) Threshold Wing Bar Lights
- ILB-THRE(L) Runway Threshold and End 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

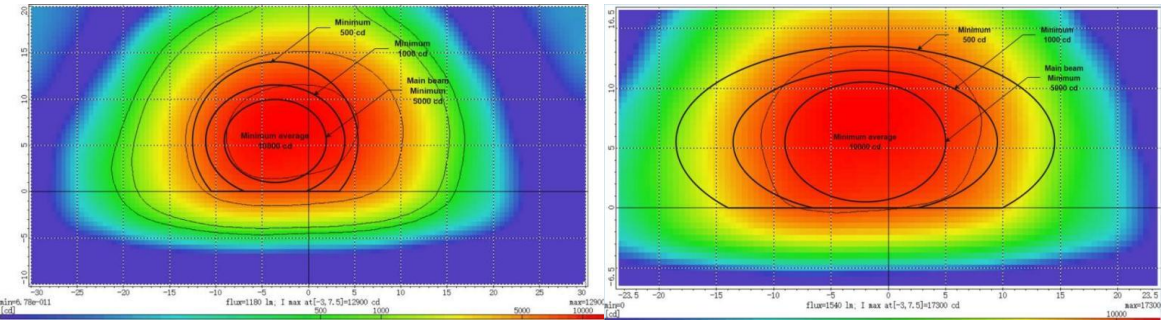
KEY FEATURES

- 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 Arctic Kit function is optional

TECHNICAL DATA

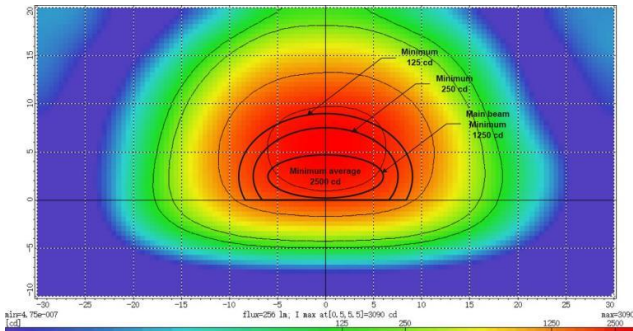
MECHANICS			
Diameter	304mm		
Flange Thickness	19mm		
Height Above Surface	6mm		
Static Load Resistance	30.3t		
Shear Load Resistance	1.7t		
Packing Dimensions	390mm×365mm×130mm		
Net Weight	7.6kg		
Gross Weight	8.2kg		
ENVIRONMENTAL			
Operating Temperature	-55℃ - +55℃		
Storage Temperature	-55℃ - +85℃		
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 or two Connectors		
Power Input	2.8-6.6A _{eff} AC		
Power Factor (Nominal)	> 0.9		
Power Consumption (Nominal)	THR-Green	without Arctic Kit	34W
		with Arctic Kit	49W
	TWB-Green	without Arctic Kit	34W
		with Arctic Kit	49W
	THRE-Green/Red-D	without Arctic Kit	34W/19W
		with Arctic Kit	49W/29W
THRE-Green/Red-S	without Arctic Kit	48W	
	with Arctic Kit	73W	
Fail Open	Optional		

OPTICAL



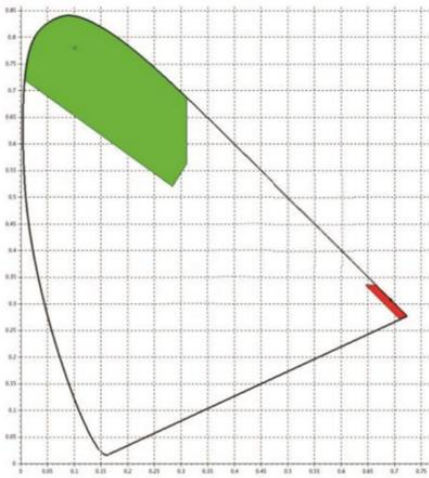
ILB-THR-Green

ILB-TWB-Green

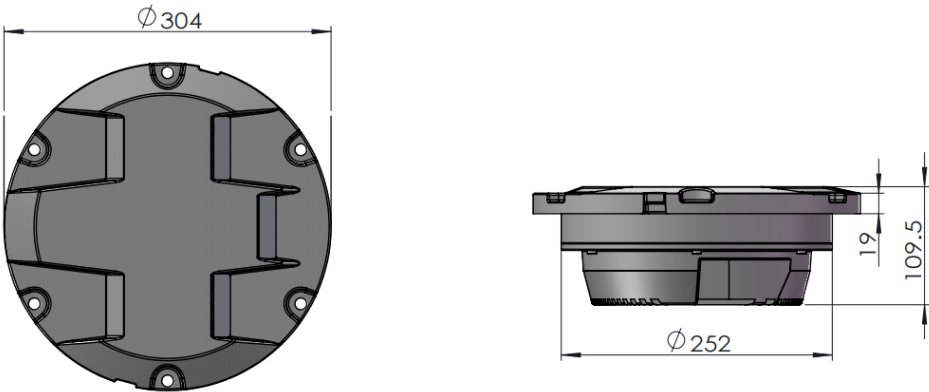


ILB-RWE-Red

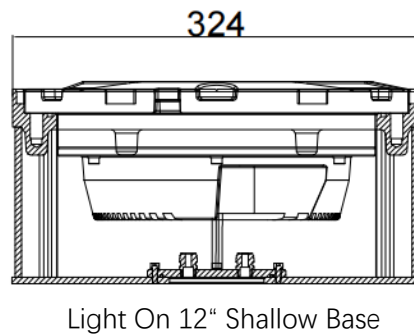
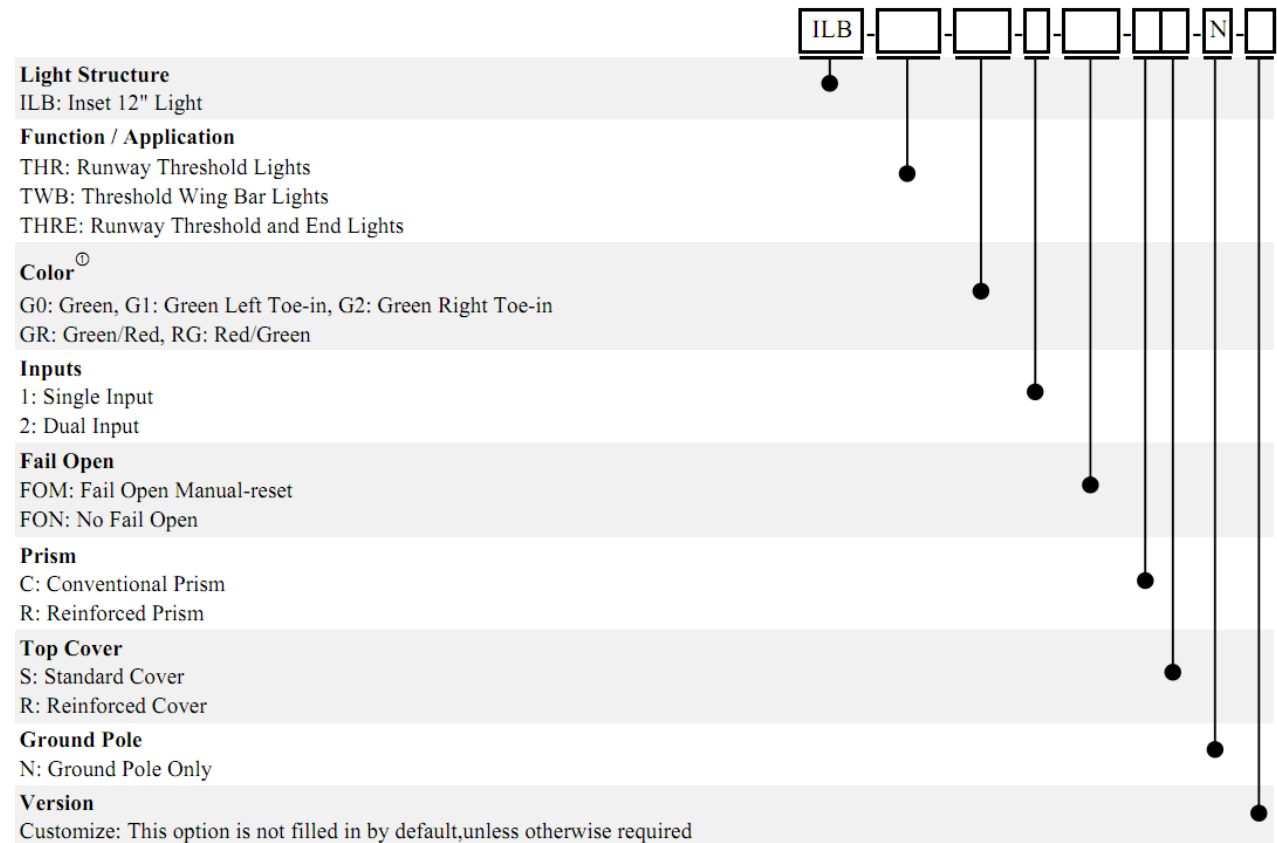
COLOR COORDINATES



DESIGN



INSTALLATION

**ORDERING CODE**

ORDERING CODE NOTES

- ① We can provide color codes including G0, G1, G2, GR, RG. Especially, G0 meets the ICAO Right Toe-in and Left Toe-in requirements for the range of the THR intensity, as shown in Figure 1
- The difference between "GR" and "RG" is the different Toe-in direction, (R has no Toe-in)

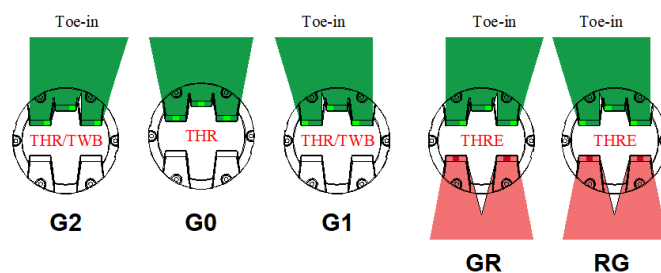


Figure 1 (Overlook View)