

LED AIRFIELD LIGHTING



12" LED Inset Light-BAT Series RUNWAY EDGE

- ILB-REH(L) Runway Edge 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

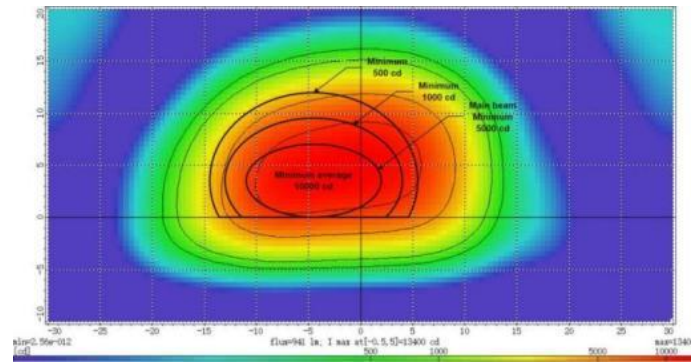
KEY FEATURES

- Ultra-Flat surface-Only 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
- Available with the Omnidirectional Circling Guidance module
- The Arctic Kit function is optional

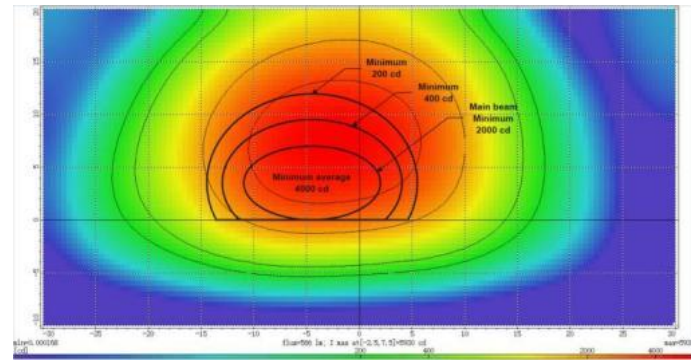
TECHNICAL DATA

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)	REH-White/Yellow	without Arctic Kit	53W
		with Arctic Kit	73W
	REH-White/White	without Arctic Kit	58W
		with Arctic Kit	78W
	REH-White/Red	without Arctic Kit	39W
		with Arctic Kit	59W
	REH-Yellow/Red	without Arctic Kit	34W
		with Arctic Kit	54W
	REH-White/Yellow-Omni White	without Arctic Kit	58W
		with Arctic Kit	78W
REH-White/White-Omni White	without Arctic Kit	63W	
	with Arctic Kit	83W	
REH-White/Red-Omni White	without Arctic Kit	44W	
	with Arctic Kit	64W	
REH-Yellow/Red-Omni White	without Arctic Kit	39W	
	with Arctic Kit	59W	
Fail Open	Optional		

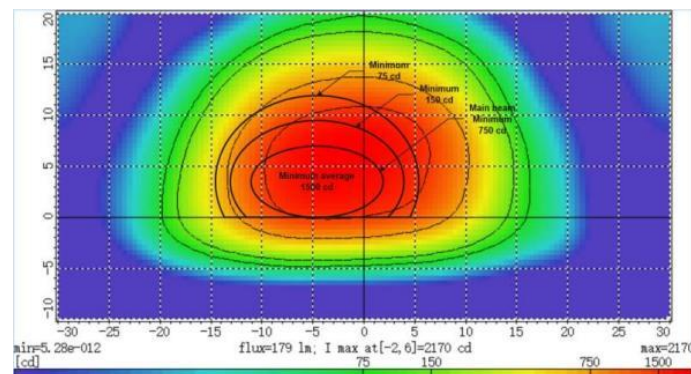
OPTICAL



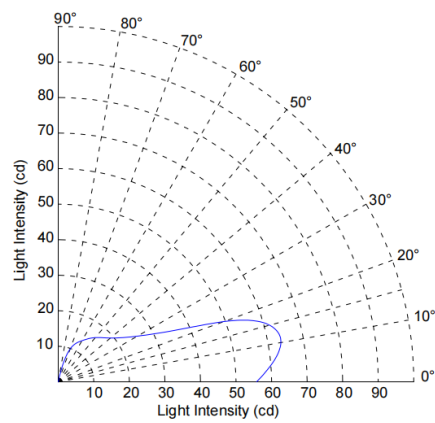
ILB-REH-White



ILB-REH-Yellow

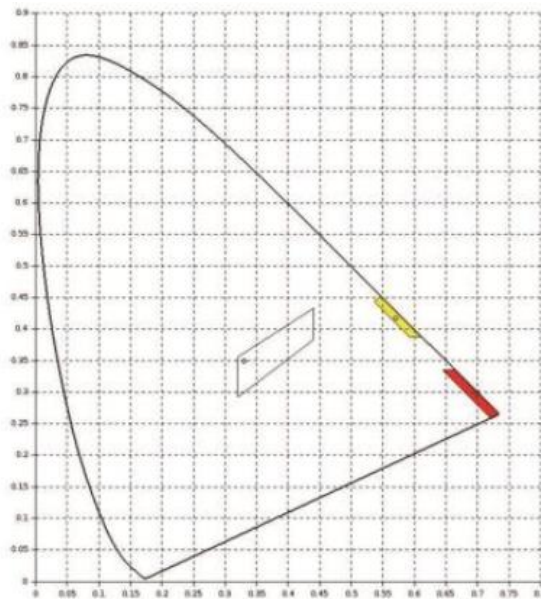


ILB-REH-Red

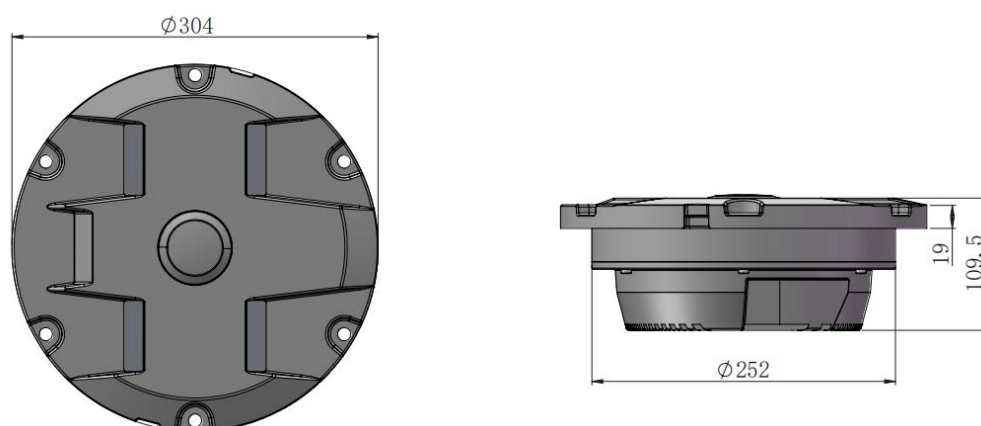


ILB-REH-Omni White

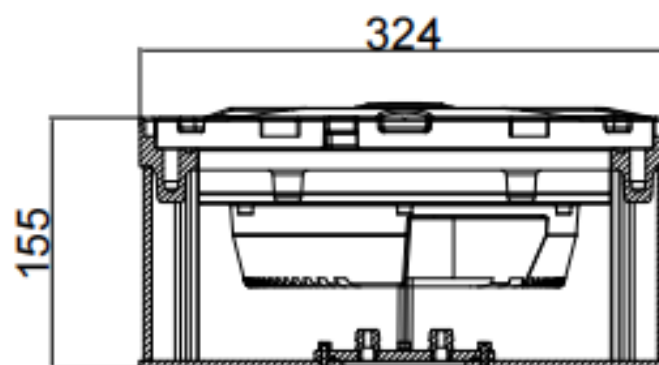
COLOR COORDINATES



DESIGN



INSTALLATION



Light On 12" Shallow Base

ORDERING CODE

Light Structure

ILB: Inset 12" Light

Function / Application

REH-O^①: Runway Edge Lights (With Circling Guidance Lights)

REH: Runway Edge Lights

Circling Guidance Light Intensity^②

A: The light intensity is constant 50 cd (Step1 ~ Step5)

B: The light intensity is constant 25 cd (Step1 ~ Step3), and the light intensity is constant 50 cd (Step4 ~ Step5)

C: The light intensity is adjustable with the intensity ratios

Color^③

YR: Yellow/Red, RY: Red/Yellow, WY: White/Yellow, YW: Yellow/White,

WW: White/White, WR: White/Red, RW: Red/White

Inputs

1: Single Input

2: Dual Input

Fail Open

FOM: Fail Open Manual-reset

FON: No Fail Open

Prism

C: Conventional Prism

R: Reinforced Prism

Top Cover

S: Standard Cover

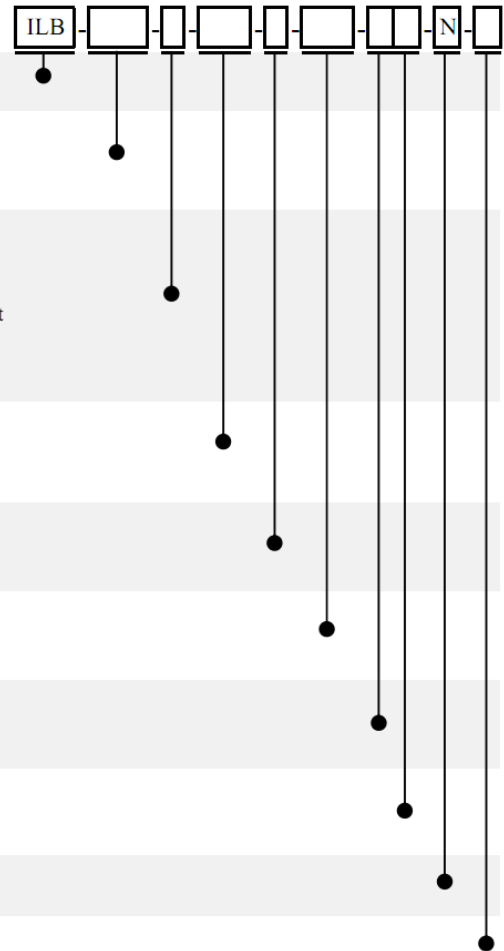
R: Reinforced Cover

Ground Pole

N: With Ground Pole

Version

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



ORDERING CODE NOTES

① With Circling Guidance Light, as shown in Figure 1

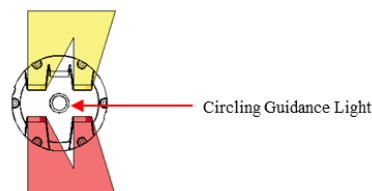


Figure 1

② If "REH" has been selected previously, this section may be left unfilled.

③ We can provide color codes including YR, RY, YW, WY, WW, WR, RW, as shown in Figure 2

- The difference between YR and RY is the different Toe-in direction

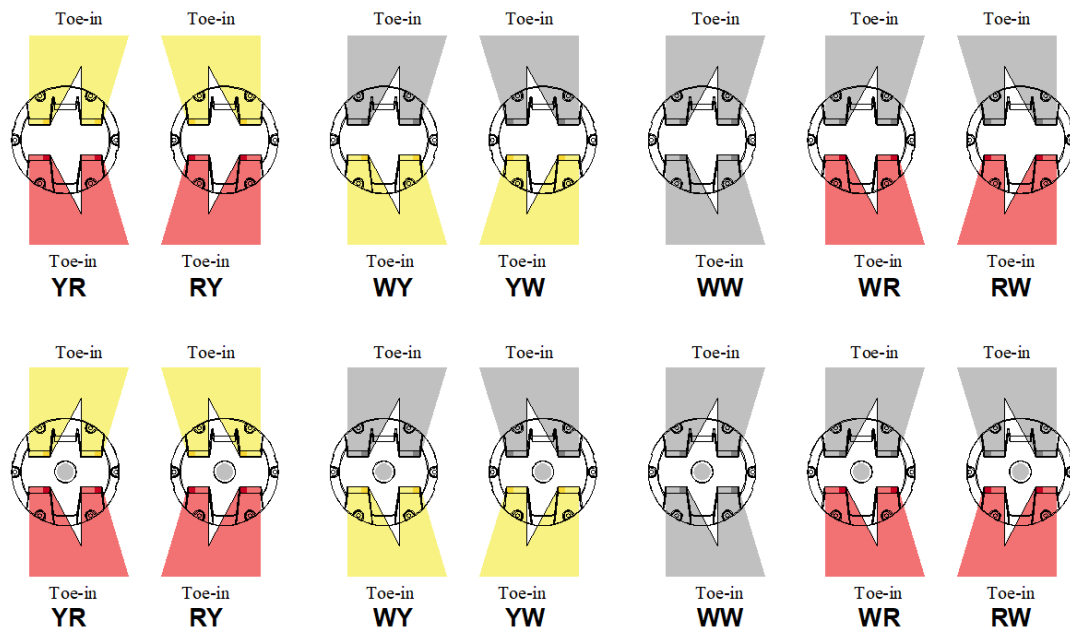


Figure 2 (Overlook View)