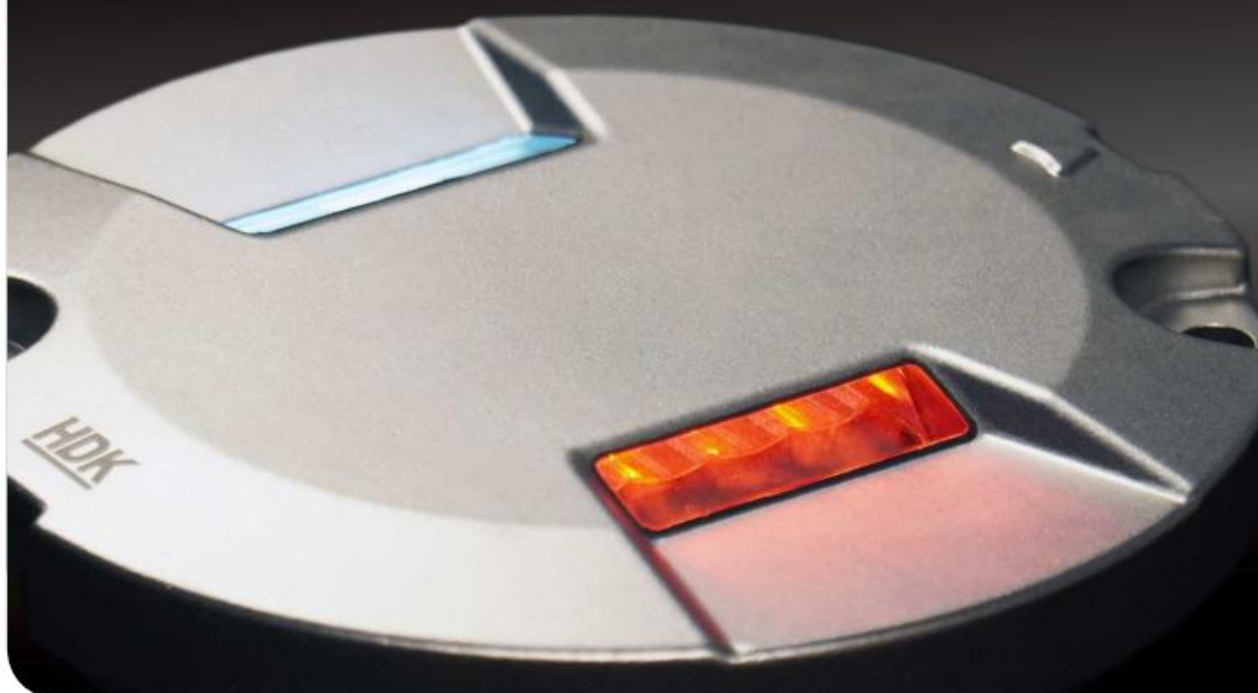


LED AIRFIELD LIGHTING



LED Inset Light Series

RUNWAY CENTER LINE/

RAPID EXIT TAXIWAY INDICATOR

- ILA-RCL(L) Runway Center Line Lights
- ILB-RCL(L) Runway Center Line Lights
- ILA-RETIL(L) Rapid Exit Taxiway Indicator Lights
- ILB-RETIL(L) Rapid Exit Taxiway Indicator 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

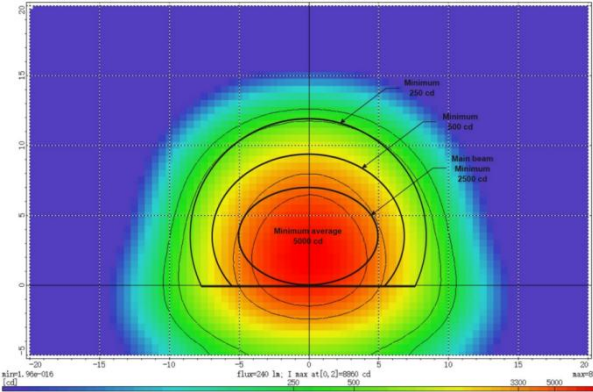
KEY FEATURES

- Ultra-Flat surface-Only 3.5mm(8")/6mm(12") above surface
- 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

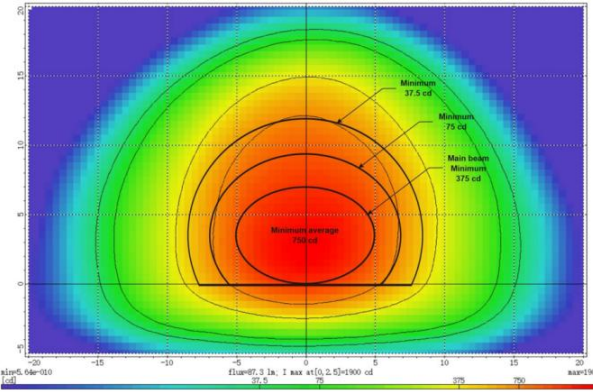
TECHNICAL DATA

MECHANICS			
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 or two Connectors		
Power Input	2.8-6.6A _{eff} AC		
Power Factor (Nominal)	> 0.9		
Power Consumption (Nominal)	RCL-White/White-D	without Arctic Kit	17W/17W
		with Arctic Kit	27W/27W
	RCL-White/Red-D	without Arctic Kit	17W/8W
		with Arctic Kit	27W/18W
	RCL-White/White-S	without Arctic Kit	29W
		with Arctic Kit	49W
	RCL-White/Red-S	without Arctic Kit	20W
		with Arctic Kit	40W
	RCL-White	without Arctic Kit	17W
		with Arctic Kit	27W
RCL-Red	without Arctic Kit	8W	
	with Arctic Kit	18W	
RETIL-Yellow	without Arctic Kit	15W	
	with Arctic Kit	25W	
Fail Open	Optional		

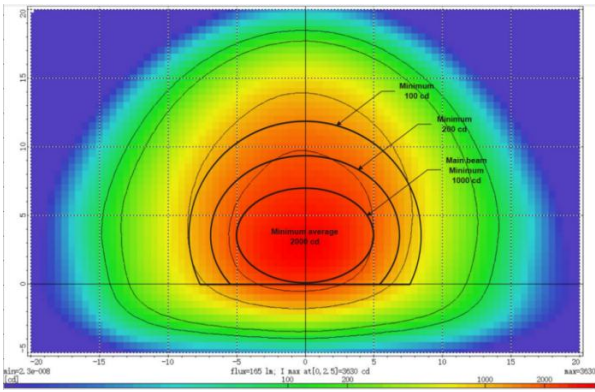
OPTICAL



RCL-White

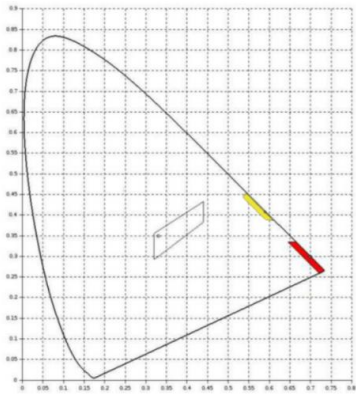


RCL-Red

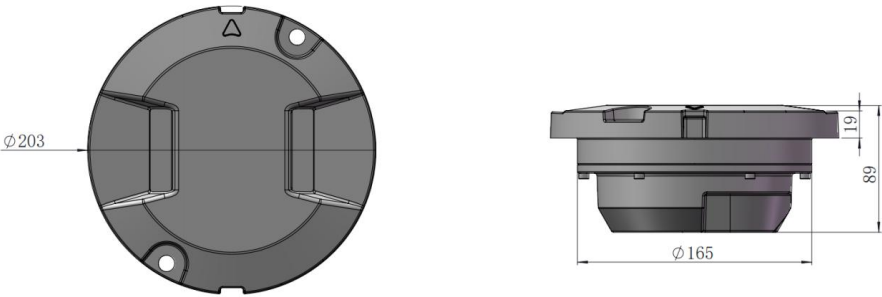


RETIL-Yellow

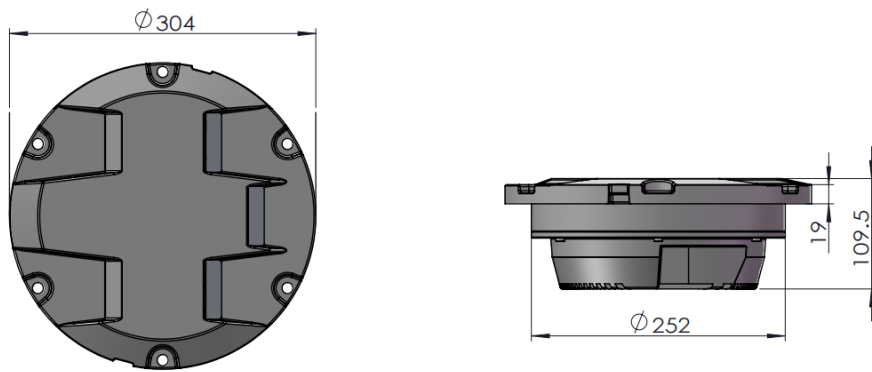
COLOR COORDINATES



DESIGN

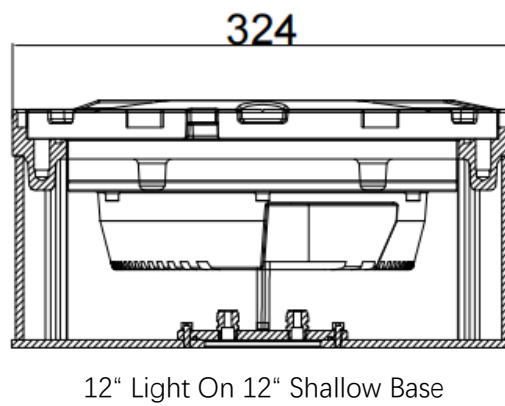
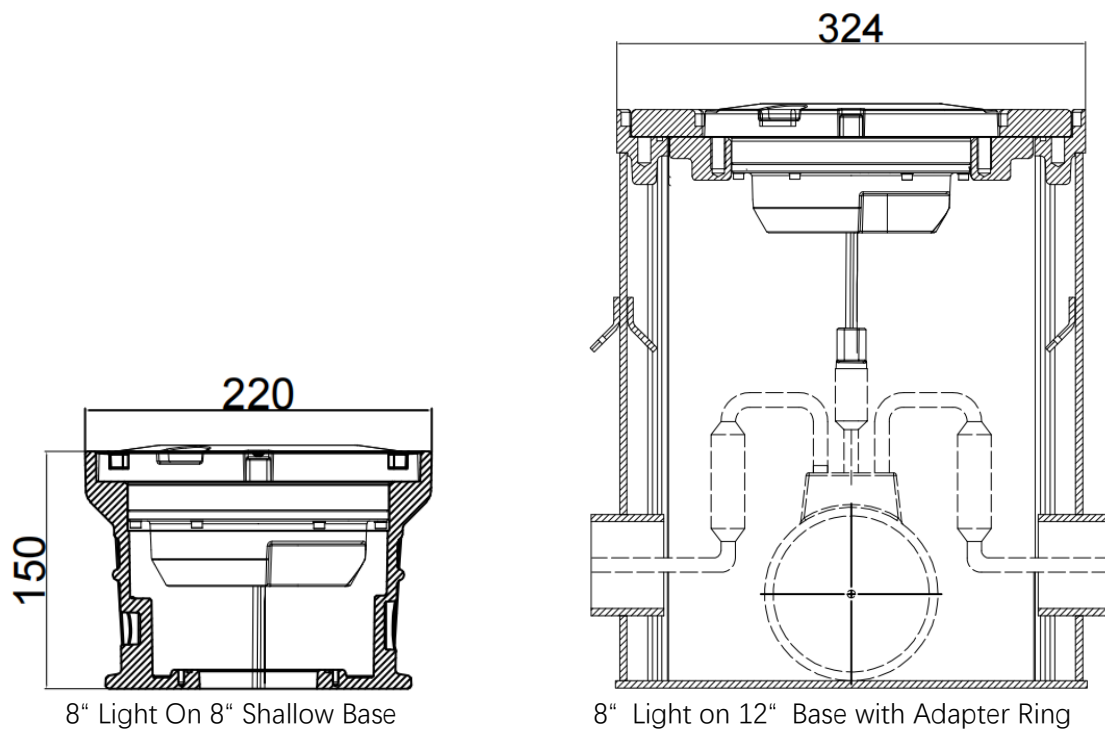


ILA-8" Size



ILB-12" Size

INSTALLATION



ORDERING CODE

Light Structure

ILA: Inset 8" Light

ILB: Inset 12" Light

Function / Application

RCL: Runway Center Line Lights

RETIL: Rapid Exit Taxiway Indicator Lights

Color^①

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

W0: White, R0: Red, Y0: Yellow

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

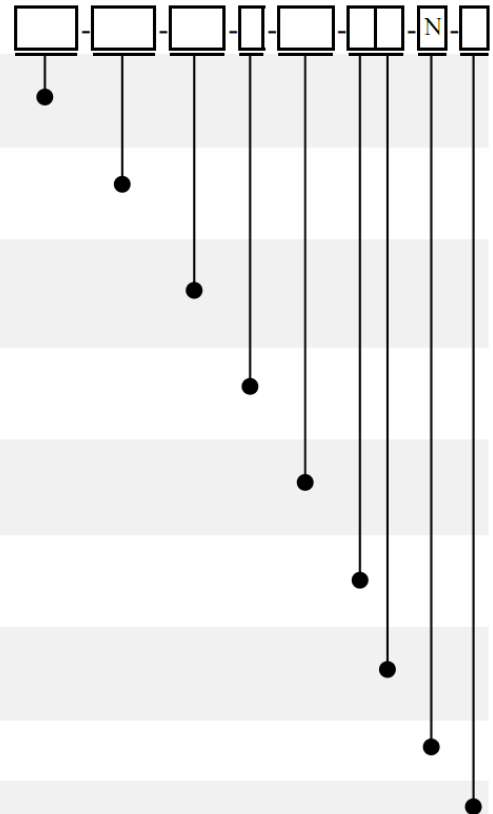
R: Reinforced Cover

Ground Pole

N: With Ground Pole

Version

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



ORDERING CODE NOTES

① We can provide color codes including WW, WR, W0, R0, Y0, as shown in Figure 1.

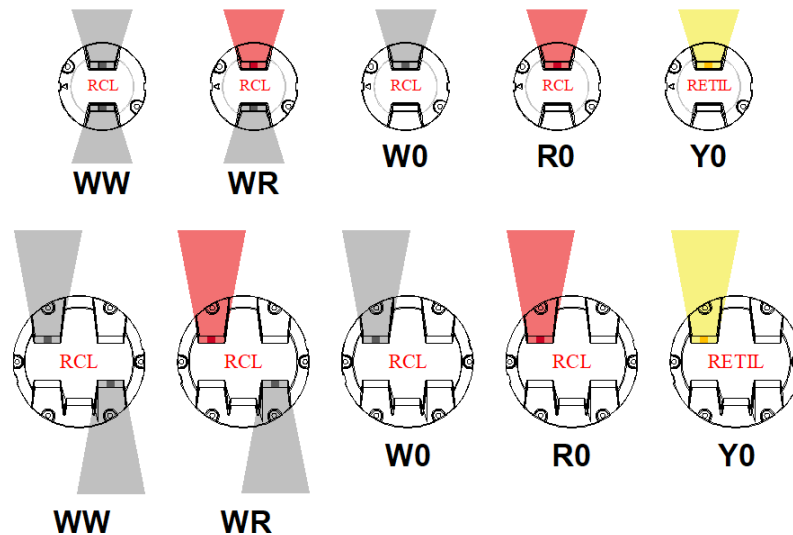


Figure 1 (Overlook View)