

LED AIRFIELD LIGHTING



LED Inset Light Series

TOUCHDOWN ZONE

- ILA-TDZ(L) 8" Touchdown Zone Lights
- ILB-TDZ(L) 12" Touchdown Zone 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

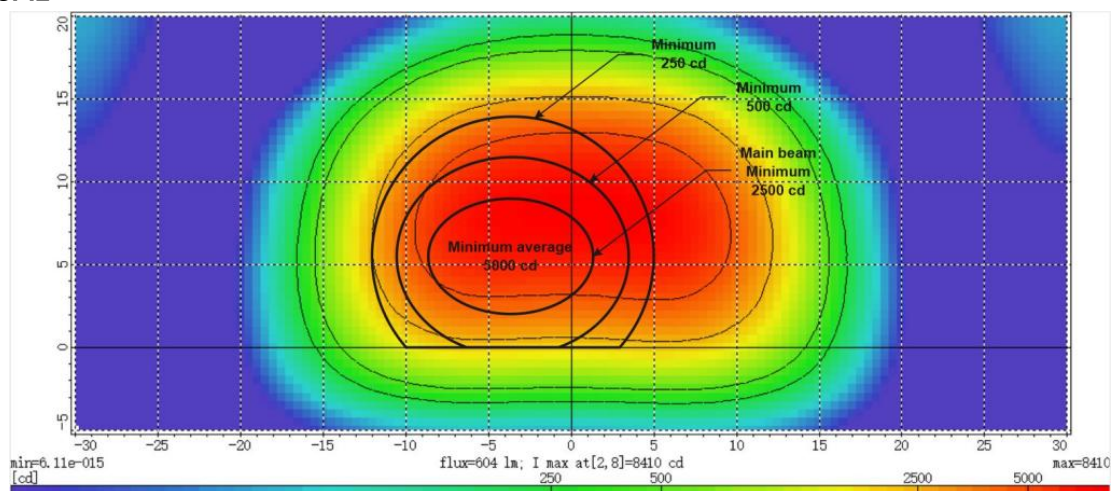
KEY FEATURES

- 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

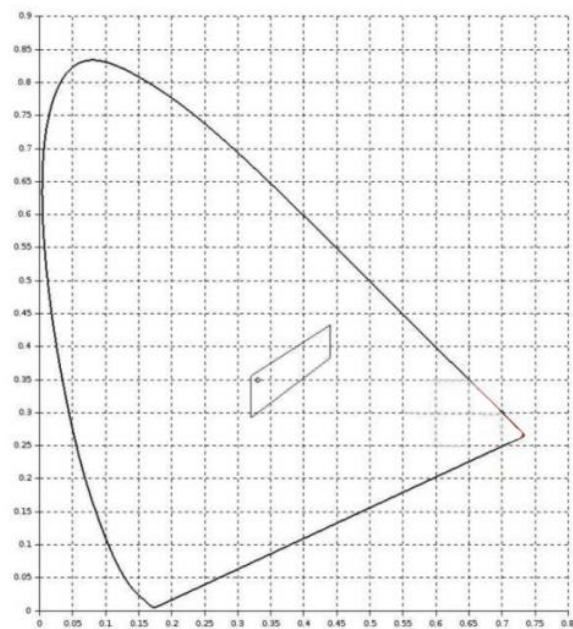
MECHANICS			
Series	8" (ILA)		12" (ILB)
Diameter	203mm		304mm
Flange Thickness	19mm		19mm
Height Above Surface	3.5mm		6mm
Static Load Resistance	20t		30.3t
Shear Load Resistance	1.7t		1.7t
Packing Dimensions	250mm×235mm×110mm		390mm×365mm×130mm
Net Weight	2.8kg		7.6kg
Gross Weight	3.2kg		8.2kg
ENVIRONMENTAL			
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 Connector		
Power Input	2.8-6.6A _{eff} AC		
Power Factor (Nominal)	> 0.9		
Power Consumption (Nominal)	TDZ-White	without Arctic Kit	18W
		with Arctic Kit	28W
Fail Open	Optional		

OPTICAL

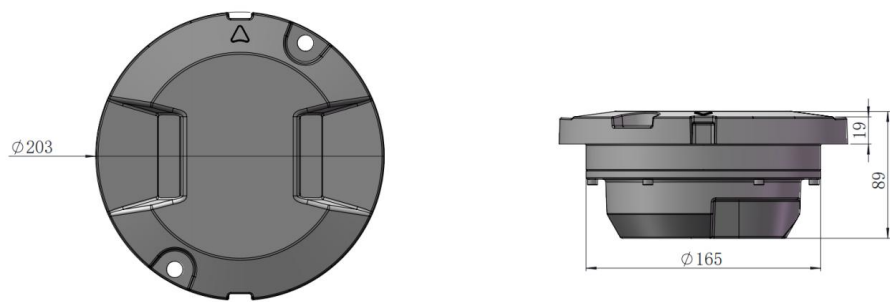


TDZ-White

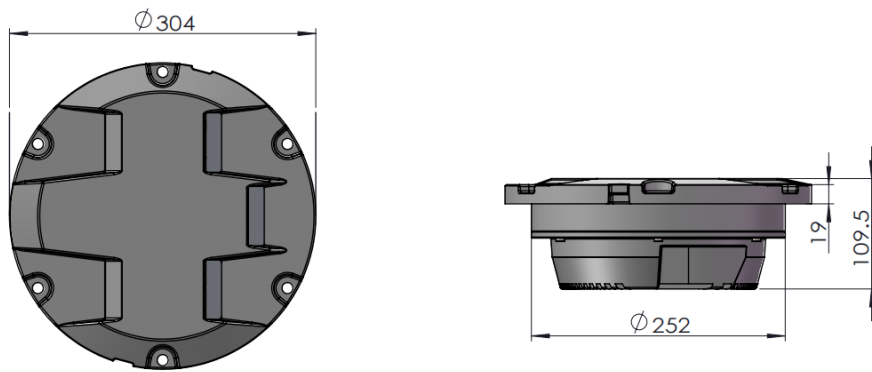
COLOR COORDINATES



DESIGN

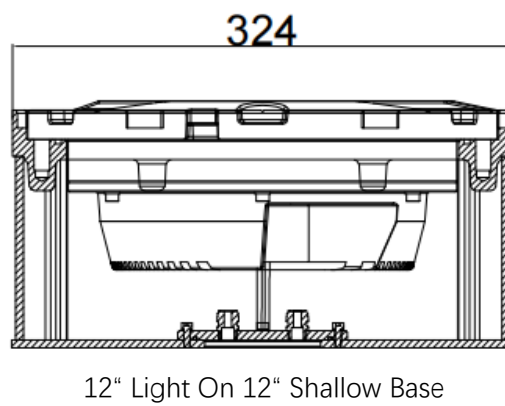
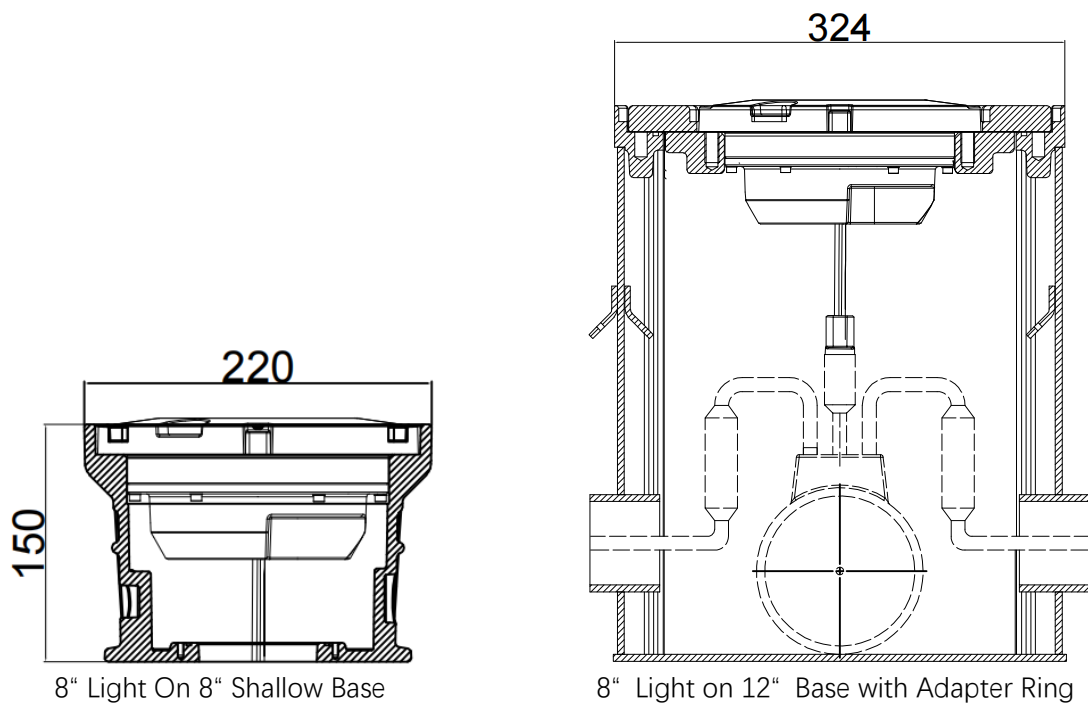


ILA-8" Size



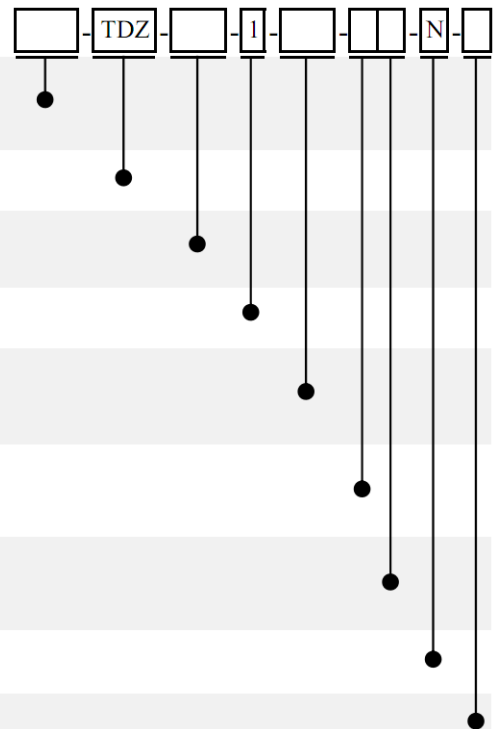
ILB-12" Size

INSTALLATION



ORDERING CODE

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



ORDERING CODE NOTES

- ① We can provide color codes including W0, W1, W2, Especially, "W0" meets the ICAO Right Toe-in and Left Toe-in requirements for the range of the TDZ intensity, as shown in Figure 1,

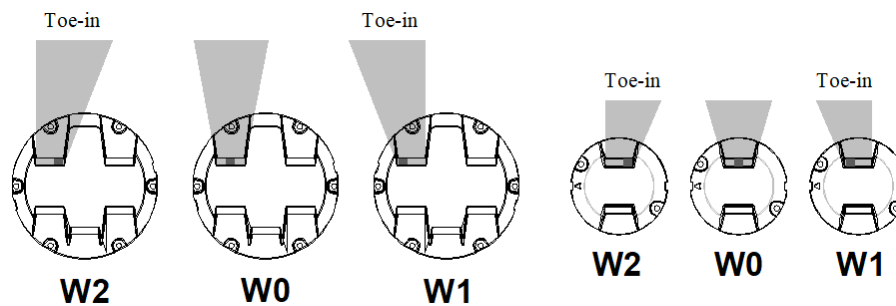


Figure 1 (Overlook View)