DZS Europe

Airfield Ground Lighting Solutions

ELU series
LED Unidirectional Elevated Lights

- AL/E Approach Centre Line and Crossbar
- AS/E Approach Side Row
- TH/E Runway Threshold
- TW/E Threshold Wing Bar
- RE/E Runway End
- SB/E Stop Bar No-entry Bar

COMPLIANCE

ICAO	• Annex 14 Volume I
	• DOC 9157 ADM PART 6
EASA	• CS-ADR-DSN
IEC	• TS 61827
FAA	• AC 150/5345-46
	• EB No. 67
NATO	• STANAG 3316
AENA	• DIN/DSEYN/PPT/015
Canada	• TP 312
Australia	• MOS 139
CAAC	• AC-137-CA-2015-01-R1
	• AC-137-CA-2015-03-R1
	• AC-137-CA-2017-03

FEATURES

- Adaptable to all kinds of CCRs and ILCMS systems
- PWM digital regulation providing excellent consistency of chromaticity
- High pressure precision casting aluminum alloy light body with anti-UV coating
- Built-in surge protection
- Specially designed fail open system suitable for strong magnetism, vibration and other environments
- Easy and precise angle adjustment thanks to its unique mechanism

TECHNICAL DATA

MECHANICAL

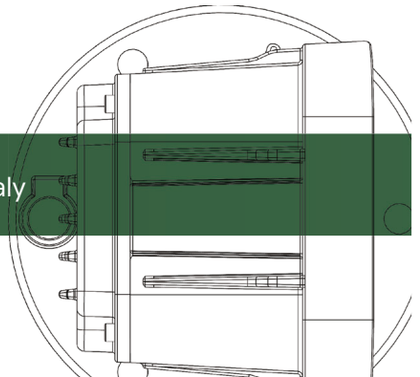
Baseplate Mounting Holes • 3xØ12
Net Weight • 2.8kg
Gross Weight • 3.1kg
Packing Dimensions • 300mm (L) x 240mm (W) x 200mm (H)

ENVIRONMENTAL

Operating Temperature • – 55℃~+55℃
Storage Temperature • – 55℃~+85℃
Protection Class • IP67
Humidity • 0~100%

ELECTRICAL

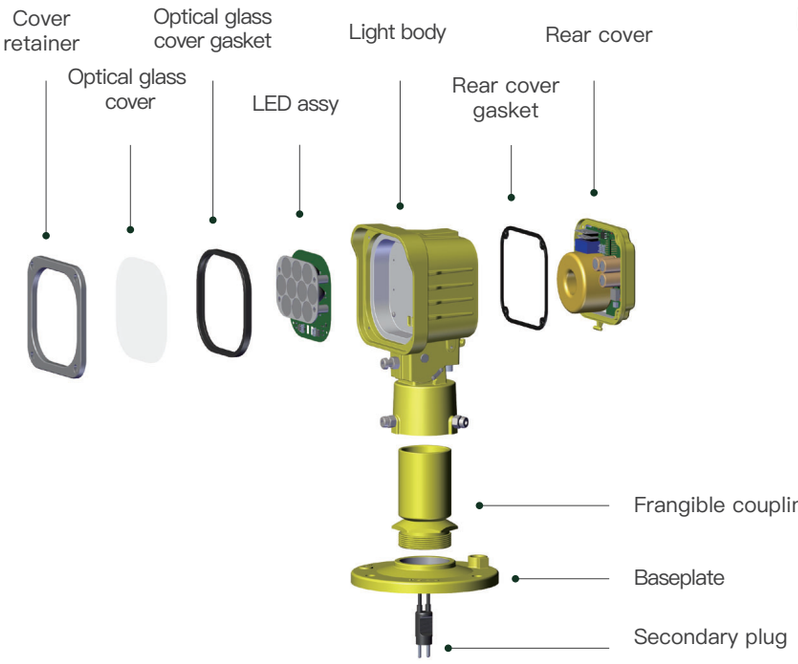
Connection • FAA L-823
Rated Input Current • 6.6A
Power Factor • >0.98
Emission • IEC 61000-6-4
Immunity • IEC 61000-6-2
LED Lamp Life • Over 100,000 hours in typical operating conditions
Approach Centre Line and Crossbar • 31VA
Approach Side Row • 22VA
Runway Threshold • 27VA
Threshold Wing bar • 27VA
Runway End • 11VA
Stop Bar • 8VA



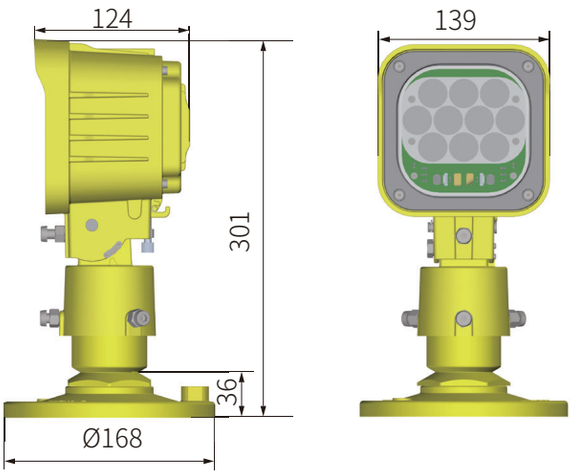
Via Vittime del Razzismo, 11/13, 26817 San Martino in Strada (LO) – Italy

ELU Series

COMPONENTS



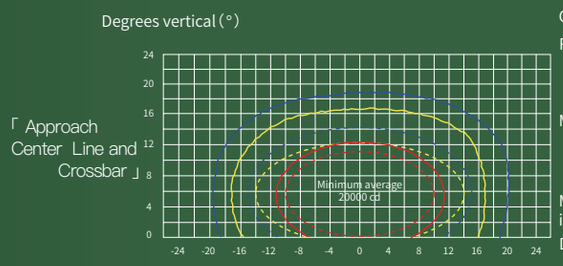
DIMENSIONS

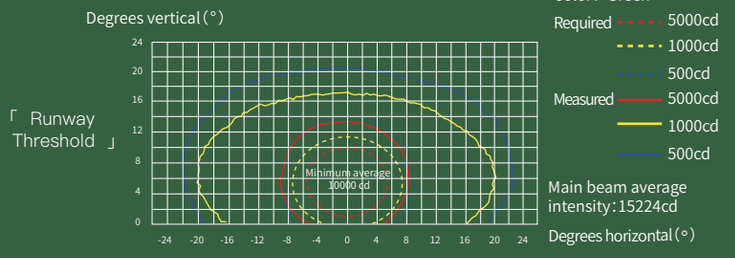


ACCESSORIES

- ◎ Baseplate (168mm OD)
- ◎ Baseplate (240mm OD)
- ◎ Baseplate (300mm OD)
- ◎ L-823 receptacle
- ◎ 2 inches frangible coupling type A (pole mounted)
- ◎ 2 inches frangible coupling type B (ground mounted)

PHOTOMETRICS





ORDERING CODES

AL=Approach Centre Line and Crossbar
AS=Approach Side Row TH=Runway Threshold
TW=Threshold Wing Bar RE=Runway End
SB=Stop Bar, No-entry Bar

Type		AS
Installation	E=Elevated	E
Color	W=White G=Green R=Red	R
Light source	(L)=LED	(L)
Plug	S=1 Plug	S
Fail open	F=Available X=None	F
Operating current	6=6.6A	6

* Accessories should be ordered separately

AIRFIELD GROUND LIGHTING SOLUTIONS
Via Vittime del Razzismo, 11/13
26817 San Martino in Strada (LO) – Italy
Phone: +39 0371 605375
Mail: info@dzs-europe.com
Site: Dzs-europe.com