

ERB Series LED Bidirectional Elevated Lights

- RB/E-C Runway Edge
With Circling Guidance
- RB/E Runway Edge
- THRE/E Runway Threshold
and Runway End



FEATURES

- Adaptable to all kinds of CCRs and ILCMS systems
- PWM digital regulation providing excellent consistency of chromaticity
- Integrated optical module with high light efficacy and good consistency
- Omnidirectional beam available for elevated runway edge light
- 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

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|-----------------------------|--------------------------|
| ICAO • Annex 14 Volume I | FAA • AC 150/5345-46 |
| EASA • CS-ADR-DSN | • EB NO.67 |
| CAAC • AC-137-CA-2015-01-R1 | IEC • TS 61827 |
| • AC-137-CA-2015-03-R1 | AENA • DIN/DSEYN/PPT/015 |
| | • DIN/DSEYN/PPT/016 |

TECHNICAL DATA



MECHANICAL

Flange Mounting Holes • 3xØ12 Net Weight • 4kg Gross Weight • 4.2kg
Packing Dimensions • 240mm (L) x 240mm (W) x 240mm (H)



ENVIRONMENTAL

Operating Temperature • - 55°C~+55°C Storage Temperature • - 55°C~+85°C Protection Class • IP65 Humidity • 0~100%

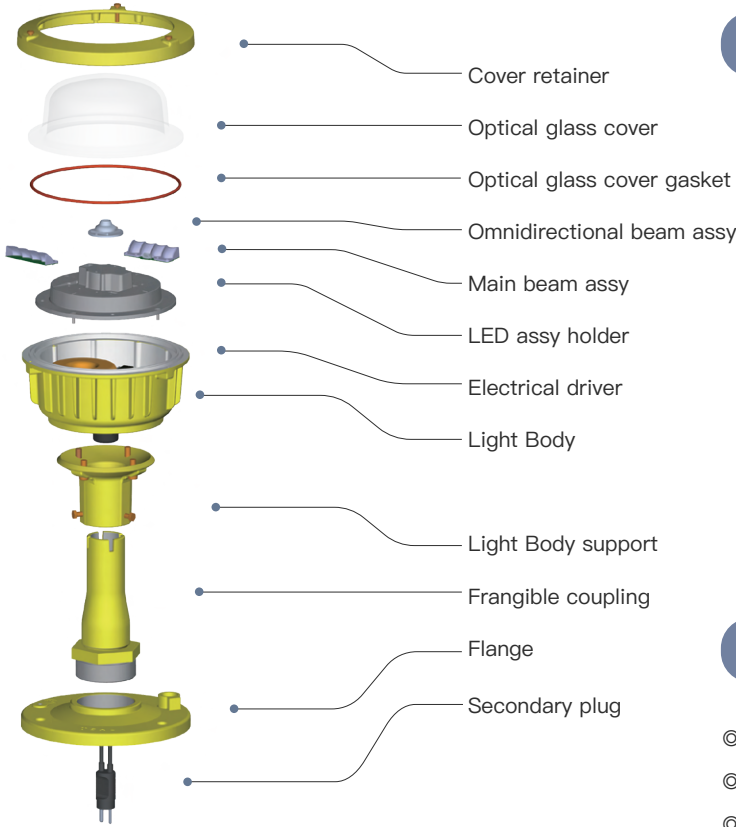


ELECTRICAL

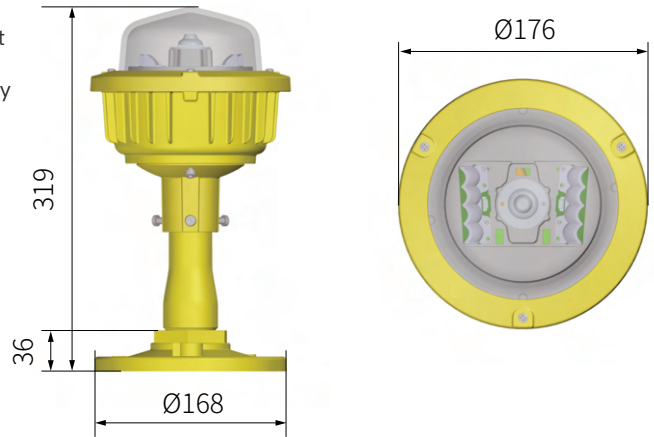
Connection • FAA L-823	Rated Input Current • 6.6A	Power Factor • >0.95
Emission • IEC 61000-6-4	Immunity • IEC 61000-6-2	Service Life • LED useful lamp life > 80000h
Runway Edge-White/White-C • 35VA (1P)	Runway Edge-White/Red-C • 27VA (1P)	Runway Edge-Yellow/Red-C • 25VA (1P)
Runway Edge-White/Yellow-C • 35VA (1P)	Runway Threshold and Runway End • 36VA (1P) • 28/13VA (2P)	
Runway Edge-White/White • 33VA (1P) • 19/19VA (2P)	Runway Edge-White/Red • 27VA (1P) • 19/13VA (2P)	
Runway Edge-White/Yellow • 33VA (1P) • 19/19VA (2P)	Runway Edge-Yellow/Red • 27VA (1P) • 19/13VA (2P)	



COMPONENTS



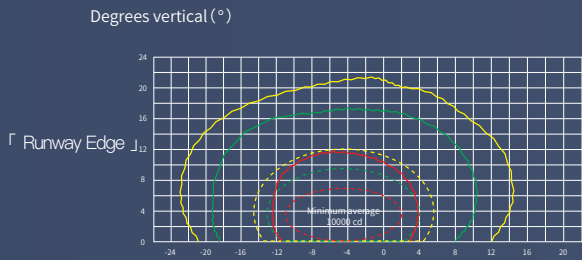
DIMENSIONS



ACCESSORIES

- ◎ Flange (168mm OD)
- ◎ Flange (240mm OD)
- ◎ Flange (300mm OD)
- ◎ 2–1 inches frangible coupling
- ◎ L–823 receptacle

PHOTOMETRICS

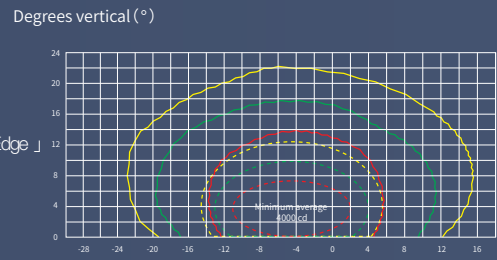


Color: White

Required: 5000cd, 1000cd, 500cd

Measured: 5000cd, 1000cd, 500cd

Main beam average intensity: 11444cd



Color: Yellow

Required: 2000cd, 400cd, 200cd

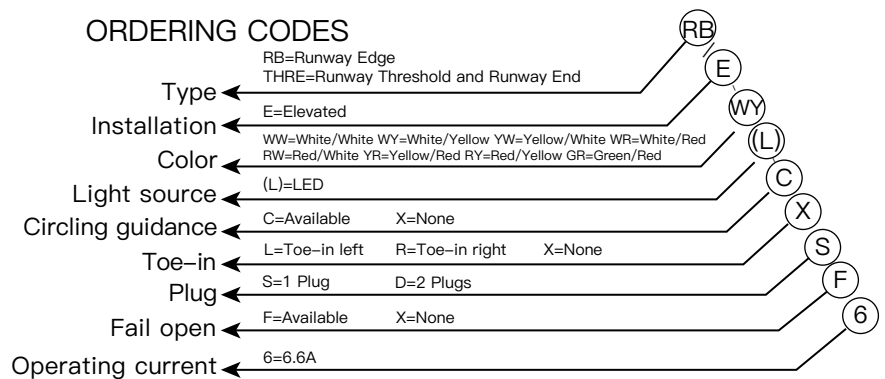
Measured: 2000cd, 400cd, 200cd

Main beam average intensity: 5645cd

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ORDERING CODES



* Accessories should be ordered separately