

RELZ-12-LED

**Zero Water LED In-pavement combined runway edge
light - Airsafe**



Airsafe

Contact details:



E-mail: aes@aes-europe.com



Phone Number:
+376 665572



Compliance

- ICAO Annex. 14, Vol. I
- FAA AC 150/5345-46
- IEC-TS 61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-011_03-12

Uses

LED in-pavement runway edge light with or without circle guidance function for airports CAT I, II & III, according to ICAO, Figures A2-9 & A2-10

Features

- 12" external diameter, with upper and lower cover manufactured on high strength forged aluminum, and only 6mm of profile over pavement.
- Stainless steel hardware.
- Uni-directional and bi-directional configuration.
- Surface treatment to prevent the wear and increase the corrosion resistance, which makes it especially resistant to dust and water.
- Smooth surface without sharpened edges to avoid damages at the aircraft tyres.
- Regulation according to FAA EB67E equivalent to a halogen lamp.
- Integrated surge protection.
- Efficient control of LEDs operating temperature, increasing the light life and avoid color change.
- High features optical design.
- Compatible with existing circuits of visual aids.

Specifications

- Power: 2.8A ~ 6.6A, according to FAA EB67D.
- Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- Colors: White, Yellow & Red.
- Consumption:
 - Clear/Clear/Omni-directional Clear 65VA
 - Clear/Yellow/Omni-directional Clear 64VA
 - Clear/Red/Omni-directional Clear 50VA
 - Red/Yellow/Omni-directional Clear 48VA
 - Clear/Clear 45VA , Clear/ Yellow 38VA
 - Clear/ Red 30VA , Red / Yellow 28VA
 - + 8VA with Artic Kit on; PF >0,9
- Index Protection: IP68.

Contact details:



E-mail: aes@aes-europe.com



Phone Number:
+376 665572



Order Code

RELZ - 12 - LED - XX - XX - XX - X

Application

RELZ = Runway Edge Light
12 = 12-inch in-pavement light

Lamp source

LED = LED source

Beam color

CC = Clear/Clear, CY = Clear/Yellow
YC = Yellow/Clear, YR = Yellow/Red
RY = Red/Yellow, CR = Clear/Red
RC = Red/Clear

Circling Guidance

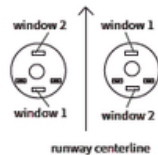
B = without circling guidance
C = Clear beam circling guidance

Plugs

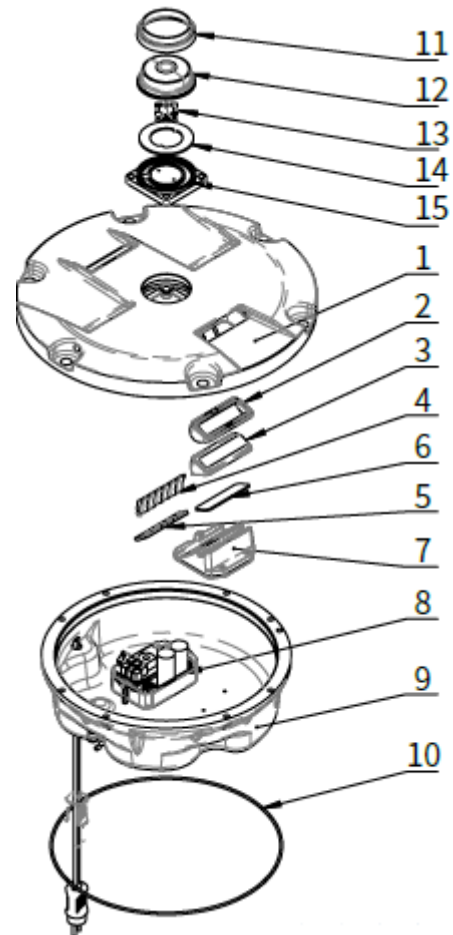
1P = 1Plug
2P = 2Plugs

Options

M = Failure open function
A = Arctic kit



Structure



1. Upper cover
2. Prism seal
3. Prism
4. Reflector
5. LED light source
6. Arctic kits
7. Prism pressing bracket
8. Driver module
9. Inner cover assembly
10. Light body gasket
11. Prism seal (omni-beam)
12. Prism (omni-beam)
13. LED lamp with lense (omni-beam)
14. Arctic kits (opt.) (omni-beam)
15. Prism pressing bracket (omni-beam)

Installation

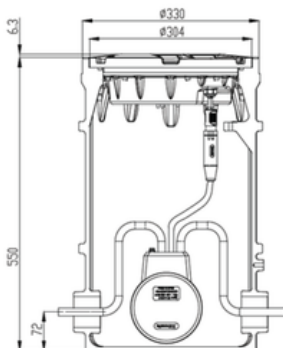


Fig 1 On 12" deep base

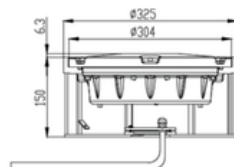


Fig 2. On 12" shallow base

Contact details:



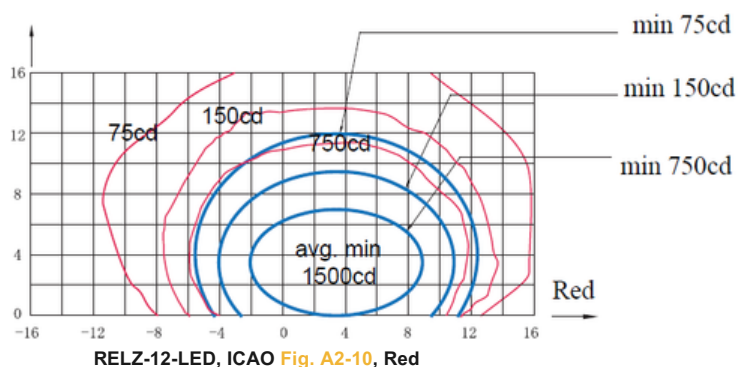
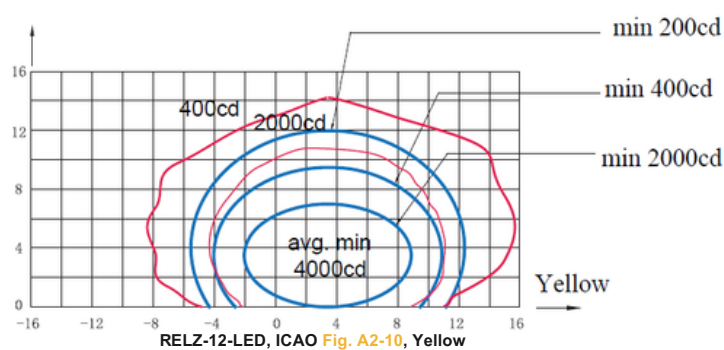
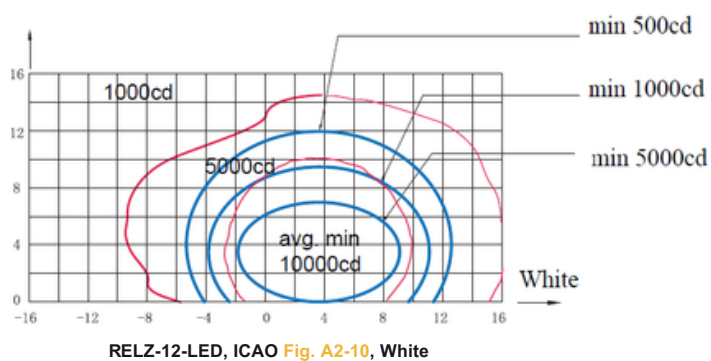
E-mail: aes@aes-europe.com



Phone Number:
+376 665572



Photometry



Contact details:



E-mail: aes@aes-europe.com



Phone Number:
+376 665572