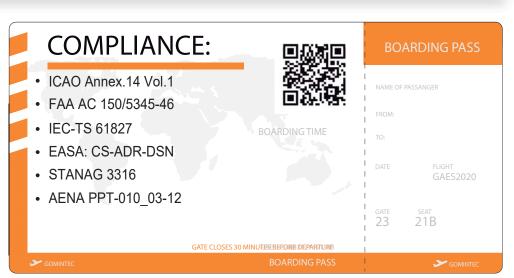


TAES-12-LED | LED in-pavement runway threshold/end light - Airsafe





Uses

LED in-pavement runway threshold/end light for airports CAT I, II & III, according to ICAO, Figures A2-3 & A2-8.



- · 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 sharped 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

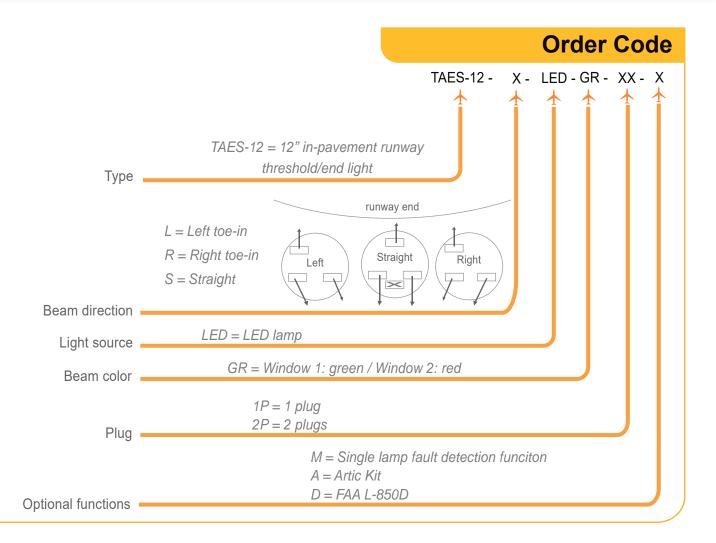
- Power: 2.8A ~ 6.6A, according to FAA EB67D.
- · Average life: minimum 60.000h at maximum brightness and 100.000h in a normal operating conditions.
- · Color: Red
- Consumption: 60VA; FP >0,95
- Index Protection: IP68.



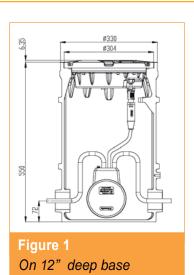


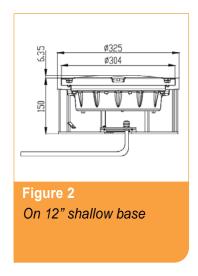
TAES-12-LED

LED in-pavement runway threshold/end light - Airsafe





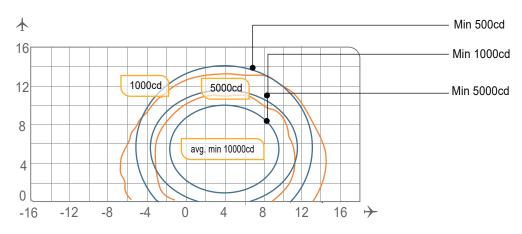




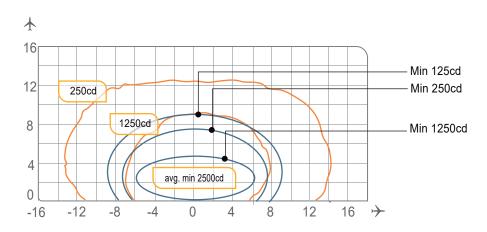


LED in-pavement runway threshold/end light - Airsafe TAES-12-LED

Photometry



TAES-12-LED, ICAO Fig. A2-3, Green

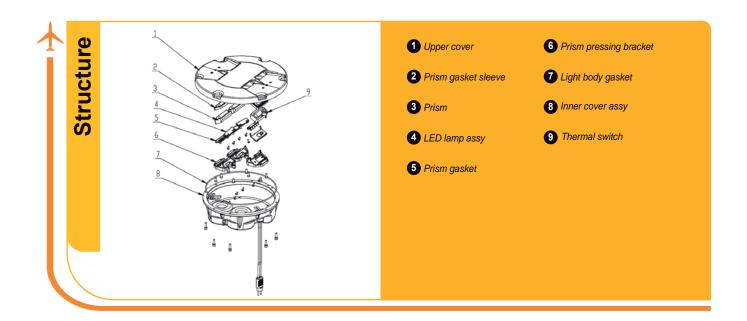


TAES-12-LED, ICAO Fig. A2-8, Red, FAA L-850D

Δ		Main	beam		Required	Actual
Application		Н	V	Color	min. avg. cd.	avg. cd.
TAES-12-LED	ICAO Fig A2-3	±5,5° (toe-in 3,5°)	1º a 10º	Green	10.000	12.836
	ICAO Fig A2-8	±6°	0,25° a 4,75°	Red	2.500	3.034
TAES-12-LED-D	FAA L-850D	±5,5° (toe-in 3,5°)	1º a 10º	Green	3.300	4.164
		±6°	0,2° a 4,7°	Red	2.500	2.973



TAES-12-LED LED in-pavement runway threshold/end light - Airsafe



Spare Parts

N°	Order No.	Description
2	43117	Prism gasket sleeve
3	31158	Prism
4	932053-THRS-G	LED lamp assy THRS-G
	932053-ENDS-R	LED lamp assy ENDS-R
5	43316	Prism gasket
6	43241	Prism pressing bracket
7	41135	Light body gasket



TAES-12-LED | LED in-pavement runway threshold/end light - Airsafe

Accessories

N°	Order No.	Description
1	SB-12	12" shallow base
2	DB-12	12" deep base
3	41115	12" base O-ring
4	51121	12" lamp handle
5	ITF-065-066	65W isolation transformer
6	REC7	Secondary cable connector style 7

Weight and Dimensions

	Base	12" shallow base
Packaging size	330x330x150mm³	350x350x185mm³
Weigh	7,04 kg	15,6 kg