

## TCLMS-08-LED | LED in-pavement taxiway centerline light - Airsafe



### COMPLIANCE:

- ICAO Annex. 14
- FAA AC 150/5345-46
- IEC61827
- EASA: CS-ADR-DSN
- STANAG 3316
- AENA PPT-018\_03-12



BOARDING TIME

**BOARDING PASS**

NAME OF PASSANGER

FROM:

TO:

DATE                      FLIGHT  
                                    GAES2020

GATE                      SEAT  
23                              21B

GOMINTEC
BOARDING PASS
GOMINTEC

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE

### Uses

LED in-pavement taxiway centerline light for airports CAT I, II & III, according to ICAO, Figures A2-12, A2-13 & A2-14.

### Features

- 8" 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: Green & Yellow
- Consumption: 12 VA(XX-2P) ,9 VA(XX-1P), 7 VA(XB-1P); FP >0,95
- Index Protection IP68.
- Installation with 25W isolation transformer

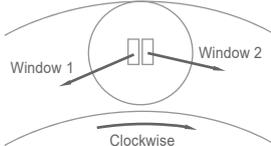
**TCLMS-08-LED** | LED in-pavement taxiway centerline light - Airsafe

Order Code

TCLMS-08 - X - LED - XX - XX - X

Type TCLMS: 8" taxiway centerline light

Beam Direction S= Straight  
C= Curved



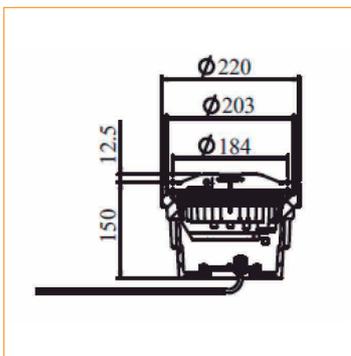
Light source LED= LED lamp

Beam color GG = both windows are green  
YY = both windows are yellow  
GY = Window 1: green / Window 2: yellow  
YG = Window 1: yellow / Window 2: green  
YB = Window 1: yellow / Window 2: is blank  
GB = Window 1: green / Window 2: is blank  
BY = Window 1: is blank / Window 2: yellow  
BG = Window 1: is blank / Window 2: green

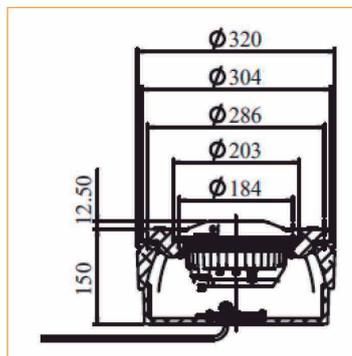
Plug 1P= 1 plug      2P= 2 plugs

Optional function M = single lamp fault detection function

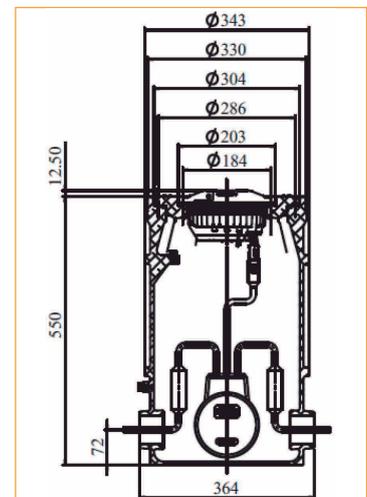
**Installation**



**Figure 1**  
On 8" shallow base

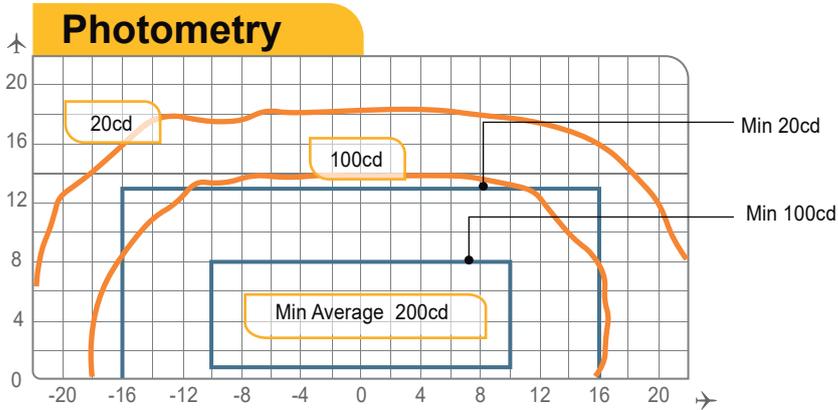


**Figure 2**  
On 12" shallow base with  
12 7/8" adapter ring

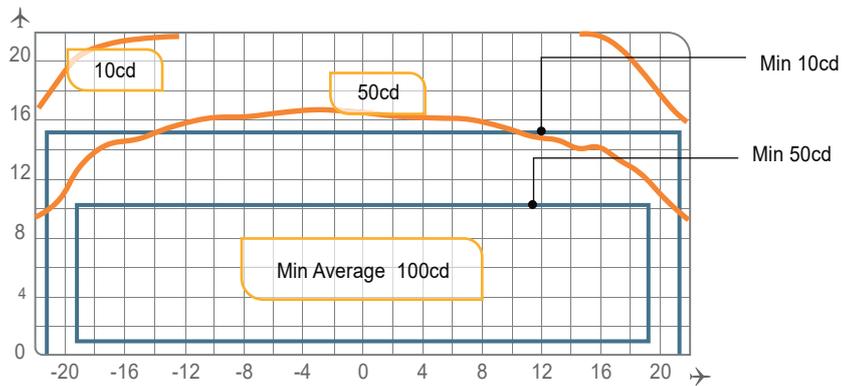


**Figure 3**  
On 12" deep base with  
12 7/8" adapter ring

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TCLMS-08-S-LED, ICAO Fig. A2-12 Green

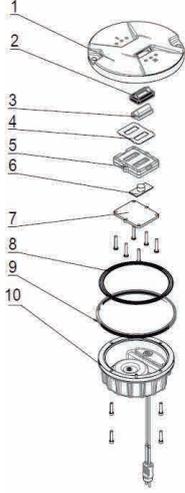


TCLMS-08-C-LED, ICAO Fig. A2-12, FAA L-825K, Green

Application		Main beam		Color	Required min. avg. cd.	Actual avg. cd.
		H	V			
TCLMS-08-S-LED	ICAO Fig A2-12	$\pm 10^\circ$	1 a $8^\circ$	Green	200	247
				Yellow	200	236
	FAA L-852C ICAO Fig A2-13	$\pm 3,5^\circ$	1 a $8^\circ$	Green	200	285
				Yellow	200	267
TCLMS-08-C-LED	FAA L-852C ICAO Fig A2-14	$\pm 19,25^\circ$ (toe-in $15,75^\circ$ )	1 a $10^\circ$	Green	100	136
				Yellow	100	125

**TCLMS-08-LED** | LED in-pavement taxiway centerline light - Airsafe

Structure



- ① Upper cover
- ② Prism gasket sleeve
- ③ Prism
- ④ Prism gasket
- ⑤ Prism pressing bracket
- ⑥ LED lamp assy
- ⑦ Cooling plate
- ⑧ Light body gasket
- ⑨ Lighting fixture gasket
- ⑩ Inner cover assy

## Spare Parts

N°	Order No.	Description
2	43111	Prism gasket sleeve
3	31152	Prism (H19 left toe-in)
	31153	Prism (H19 right toe-in)
	31151	Prism (H19 straight)
4	43313	Prism gasket
5	4321A	Prism pressing bracket
6	979231-GG	LED lamp assy 2x1P-0(GG) standard
	979221-G	LED lamp assy 1P-0(G) standard
	979221-Y	LED lamp assy 1P-0(GG) standard
	979231-GY	LED lamp assy 2x1P-0(GY) standard
	979231-YY	LED lamp assy 2x1P-0(YY) standard
8	41141	Light body gasket
9	41107	Light fixture gasket

## TCLMS-08-LED | Luces LED de eje de calle de rodaje - Airsafe

### Accessories

N°	Order No.	Description
1	SB-08	8" shallow base
2	SB-12	12" shallow base
3	DB-12	12" deep base
4	AR-12/08	12"/8" adaptor ring
5	951101	8" lamp handle
6	ITF-025-066	25W isolation transformer
7	REC7	Secondary cable connector style 7



### Weight and Dimensions

	Base	8" shallow base
<b>Packaging size</b>	210x210x130mm <sup>3</sup>	240x240x180mm <sup>3</sup>
<b>Weight</b>	3,5 kg	6,5 kg