



Aviasafe GmbH			
Headoffice	DE 60478 Frankfurt am Main/ Germany	Tel	+49 69 970 863 97
	Frauenlob Str.8	Fax	+49 69 707 978 04
Factory	DE 98597 Fambach Neue Wiese 2	Tel	+49 368 482 764 70
info@aviasafe.de		www.aviasafe.de	



- Low protrusion ~ 7.8mm*.
(may vary slightly depending on pavement level, installation & assembling tolerances)
- Optimized LED performance ensures there are no visual flickers.
- Built-in voltage surge and lightning protection.
- The Dome designed with no negative slope in front of the prism.

INSTALLATION

Light fixture can be installed in 8-inch Shallow Base & Deep Base , or 12-inch bases by an Adaptor Ring.

ENVIRONMENTAL CONDITIONS

Temperature: -45 °C to +55 °C

-49 °F to +131 °F

Humidity: Up to 100%

VOLUME & WEIGHT

Weight: 3 kg

Volume: 0.007 m³

COMPLIANCE

ICAO Annex 14 - Volume II

IEC TS 61827

NATO STANAG 3619

APPLICATIONS

- Heliport / Helipad / Helideck
- Touchdown And Lift Off Area (TLOF)
- Final Approach And Take Off Area (FATO)
- Aiming Point

FEATURES & BENEFITS

- LED Omni-directional 8"
- Average LED life of 60,000 hours at full intensity but over 100,000 hours in typical operating conditions.
- Very low energy consumption compared to halogen lights, resulting in a lower range of CCRs and transformers.
- Low life cycle costs due to the long LED lifespan.
- Can Operate on 3-step or 5-step ferroresonant or thyristor CCRs and 220 V.
- IP68: Dust-tight & protected against submersion in water.
- Designed with few mechanical parts, resulting in a more affordable price and allowing for longer maintenance intervals.
- Fully dimmable lights. The light output is variable, similar to a traditional halogen light.

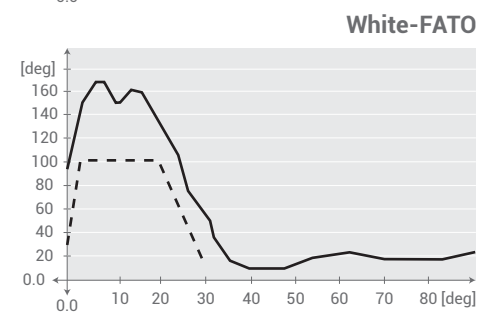
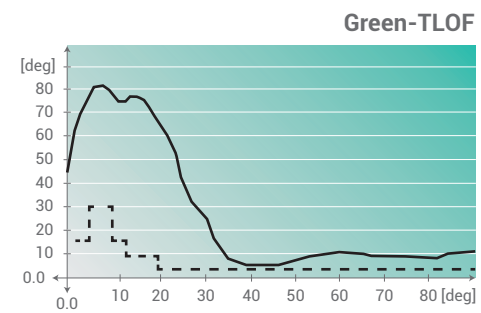
** Note: ICAO- and FAA-compliant installation should ensure that protrusion does not exceed limits where applicable.*

MAIN COMPONENTS OF THE LIGHT UNIT

01. Prism
02. Prism Gasket
03. Dome (Upper Cover)
04. O-Ring for dome
05. Prism Washer
06. Optical Lens
07. LED Module
08. LED holder
09. Lower cover with electronic
10. Valve for Watertightness Test
11. Cable Gland
12. Lower cover gasket
13. Plug

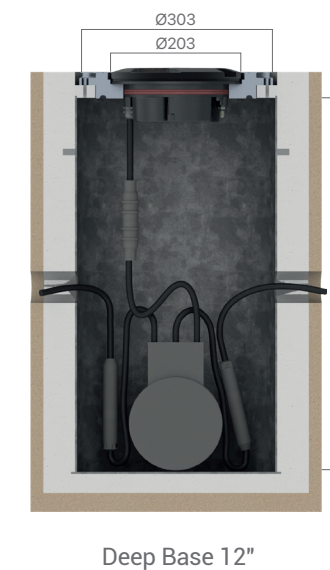
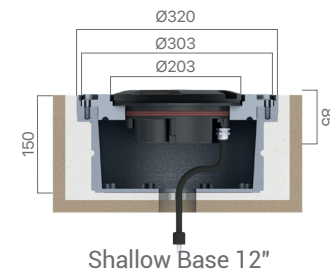
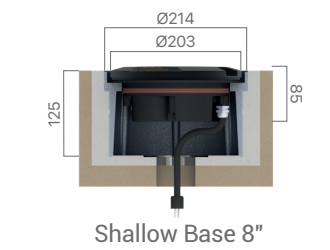


PHOTOMETRIC PERFORMANCE



ELECTRICAL TABLE			
TYPE	Consumption at 6.6A	Power Factor	
	1 Plug	2.8A	6.6A
Omnidirectional 8" Without Heater(White)	10 VA	0.96	0.98
Omnidirectional 8" Without Heater(Green)	8 VA	0.96	0.98
Omnidirectional 8" With Heater	30 VA	0.96	0.98

INSTALLATION SECTION



Basic P/N

Color

- G : Green
- W : White

Monitoring

- M : With Monitoring
- Q : Without Monitoring

Heater

- H : With Heater
- C : Without Heater

Mounting Assembly

- N : No mounting assembly
- R : With Adaptor Ring (8" - 12")

Supply Mode

- V : 220 V
- A : 6.6 A

IN-HL - G - Q - H - R - V