



## PRODUCT SUMMARY

**Design:** ESP-OBStacle LED light

**Power supply**

24-60 VDC / 110-230 VAC /  
6.6 A

**Material:** Aluminum

**Power:**

20 Watts

**Frangible:** YES

**IP Rating:** IP 66

**Type:** Type A (10cd) or Type B (32cd)

**Light Color:** Red

**LED Lifetime:**

> 80'000 hours

**NVG Enhanced:** Optional

**iControl Ready:**

Optional

## DESCRIPTION:

This very robust ESP-OBStacle Led light is easy to install and doesn't need any maintenance. The waterproofness has

been elaborated to guarantee that no water or humidity came into the light. A special physical barrier guarantee that no humidity can enter into the connection (WatBar).

The ESP-OBS MKII is made with 8 power LED from specially selected for their quality, lifetime (< 80'000 hours), and

photometrical stability. Color of the glass dome is accorded to the LED direct color, it guarantees no chromatic or photometric aberration.

## INFRARED (NVG ENHANCED)

Our special infrared LED light engine has a very high response on NVG units. That means, that this NVG enhanced lights will be highly amplified by the NVG. Environment and other lights are still visible with the same quality. For pilots flying without NVG, no modification is visible on the dual lighting system.

Optionally this light can be used with the iControl system. The electronic system integrated in the light can detect a failure and communicate with the iControl. For example: you can configure to receive an email if any light has a problem. You are able to watch the status and failure information of each light directly from a dedicated webpage. It is also possible to switch ON and regulate the system from an I phone or Android mobile phone, and much more...

**iControl makes the installation, flight, and maintenance easier and safer.**

Visit [www.electronicsp.ir](http://www.electronicsp.ir) for more information about iControl

**TECHNICAL DESCRIPTION:**

**Mechanical characteristics:**

<b>Body material:</b>	Aluminum – Powder Coating – Aviation Yellow Mineral tempered Glass
<b>Diameter:</b>	165 mm
<b>Height:</b>	235 mm
<b>Weight:</b>	1.1 kg
<b>Temperature range:</b>	-40° to +70° C
<b>Protection Class:</b>	IP66
<b>Fixing:</b>	½ " Gas tube or with base plate (tripod)
<b>Water / Humidity: Insulation</b>	WatBar – Physical insulation between the "connection room" and the light

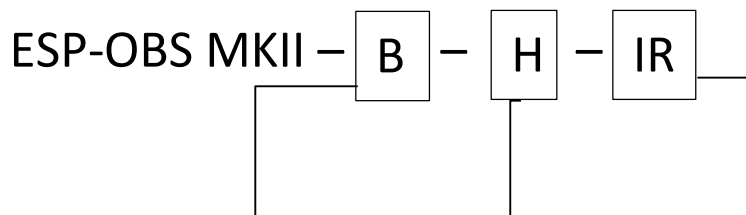
**Optical characteristics:**

<b>Technology:</b>	High Power LED
<b>Light source:</b>	Aerolighting EcoLED 825 R
<b>Available color:</b>	Red
<b>Intensity (White):</b>	See diagram
<b>Horizontal output:</b>	360°
<b>Intensity level:</b>	100% - 30% - 10%
<b>LEDs Lifespan:</b>	>80'000 hours

**Electrical characteristics:**

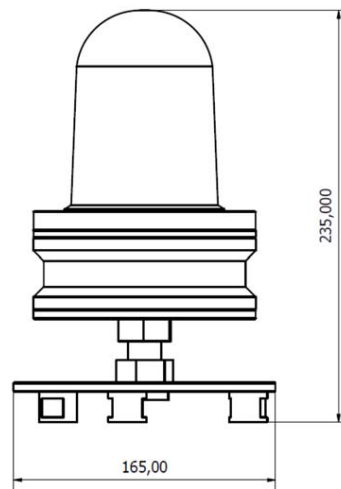
<b>Supply Voltage:</b>	24 to 60 Volts DC or 110 to 240 Volts AC 50/60hz
<b>Power:</b>	20W (type B) / 10W (type A)

**ORDERING CODE:**

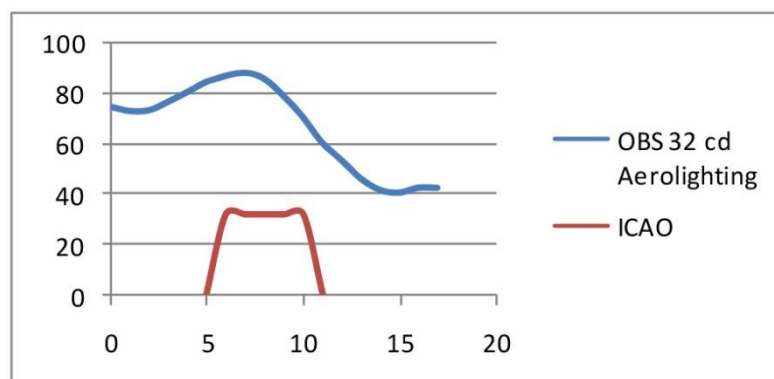
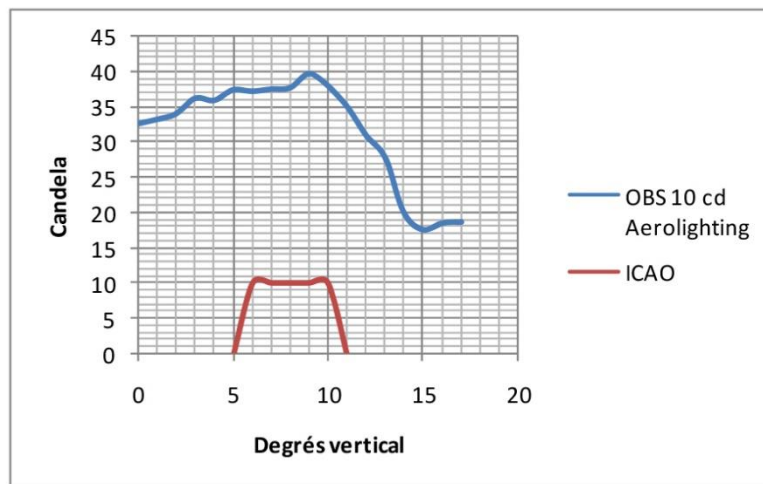


Type	Color	Power supply	NVG Enhanced
ESP MKII	-A: Type A 10cd -B: Type B 32cd	-H : 110-230 VAC -L : 24-48 VDC	-IR: NVG Enhanced -N: NO NVG Enhanced

**DRAWING:**



**PHOTOMETRIC DATA:**



*The descriptions, photometric measurements and features contained in this publication are given for information only and do not constitute an engagement for our society, which reserves the right to change them without prior notification.*