

**USE:** Obstacle marking

PRODUCT SUMMARY

Design:	Obstacle LED light	Power supply:	24-60 VDC / 110-230 VAC
Material:	Aluminum	Power:	10/20 Watts
IP Rating:	IP 66	Standards:	ICAO
Light Color:	Red	LED Lifespan:	> 80'000 hours
NVG Enhanced:	Optional	iControl Ready:	Optional
Type:	Type A (10cd) or Type B (32cd)		

DESCRIPTION:

This very robust 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 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.aerolighting.ch/icontrol for more information about iControl



TECHNICAL DESCRIPTION:
Mechanical characteristics:

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

Optical characteristics:

Technology:	High Power LED
Light source:	Aerolighting EcoLED 825 R
Available color:	Red
Intensity (White):	See diagram
Horizontal output:	360°
LEDs Lifespan:	> 80'000 hours
Optional NVG (infrared):	Minimum 150 mW/sr Dominant wavelength: 850nm

Electrical characteristics:

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

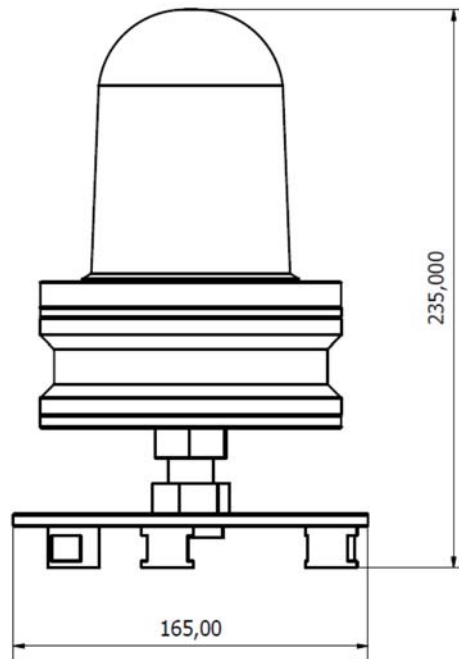
ORDERING CODE:

OBS MKII – **B** – **H** – **IR**

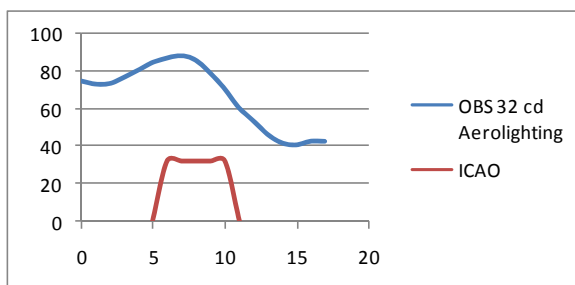
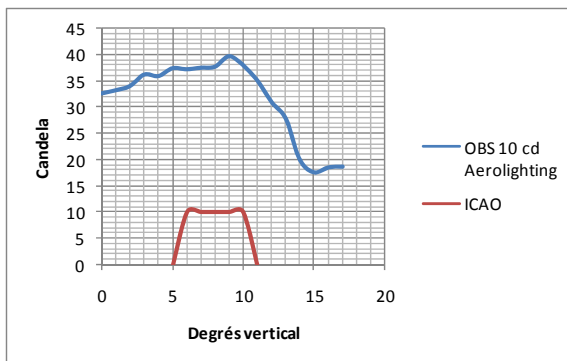
Type	Color	Power supply	NVG Enhanced
LowdoLed MKII	-A: Type A 10cd -B: Type B 32cd	-H : 110-230 VAC -L : 24-48 VDC	-IR: NVG Enhanced -N: NO NVG Enhanced



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.

