

skyline

LED



Obstacle Light Skyline Beta 2

Obstacle light for nighttime
marking of aeronautical obstacles

- ▶ 10 Cd, red
- ▶ Nominal power 1.9 W
- ▶ maintenance-free due to fail safe LED- technology
- ▶ durable (> 50.000 h)
- ▶ self supervisory (lifetime and failure)
- ▶ According to ICAO Annex 14
- ▶ Housing seawater resistant aluminium



Application

The requirements of the ICAO (International Civil Aviation Organisation) prescribe that aviation obstructions be clearly marked with corresponding certified obstruction lights.

The obstruction lights Skyline Beta correspond to these requirements according to ICAO Annex 14, Chapter 6, Table 6-3.

Skyline Beta is designed on the basis of LED, thus enabling almost maintenance-free operation, and achieves an extremely long lifetime.

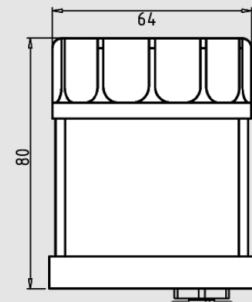
Obstacle light

Skyline Beta use as obstruction lights on airports.

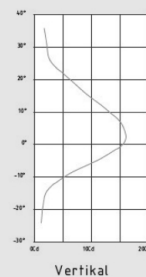
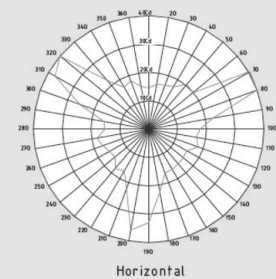


Technical specifications

Operating voltage	10 up to 50 V
Valid operating temperature	-40°C up to +55°C
Nominal power	< 1.9 W
Operational current	$U_b = 24 \text{ V } 0.08 \text{ A}$
Intensity of light	> 10 cd red, 360° horizontal according to ICAO Annex 14 Low Intensity, Type A
Lifespan	> 50.000 h
Enclosure	Aluminium, seawater resistant, PMMA, UV-resistant
Protection class	IP 67, with venting element
Weight	300 g
Dimensions	approx. 64 x 80 mm (body without plug)
Surge protection	Integrated
Failure detection	Integrated, fail-safe 24 V DC (at 24 V supply voltage)
Measuring of operating duration	Integrated, failure after 50.000 h
Specifications	CE certified
accredited	ICAO Annex 14.1 and 2 General administration rule of the german federal government by BMVBW
Connector	4 pole cable tail 2x operating voltage: grey +24 V, black 0 V 1x earth wire 1x failure signal: brown



Vertical Beam Spread



Order information

Type	Designation	Voltage	Current consumption	Art. No.
Beta 2	Obstacle Light Skyline Beta 2	10 – 50 VDC	80 mA at 24 VDC	223 813 01
Accessories				
DS1	Twilight Photocell DS1			325 833 02

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