

OBELUX HELIPORT BEACON

ICAO Annex 14, Volume 2, 2020 5th Edition

OBELUX
AVIATION LIGHTS

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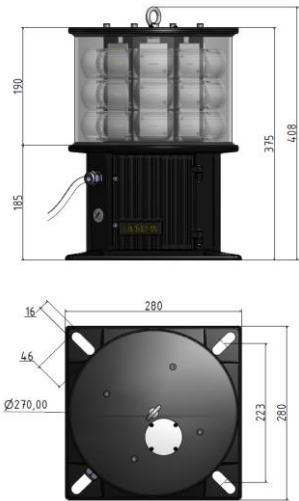
Optical characteristics

- ▶ Colour White
- ▶ Flash Characteristics 0.8 sec – 1.2 sec – 0.8 sec, flash duration 0.5 -2.0 milliseconds
- ▶ Horizontal beam 360°
- ▶ Vertical beam

Vertical angle	Min. Intensity (effective)
0...1.5°	1700cd
1.5...2.5°	2500cd
2.5...4°	1700cd
4...7°	750cd
7...10°	250cd

Specifications met

ICAO Annex 14, Volume 2,
5th Edition (2020), Heliport Beacon



HELIPORT BEACON

Heliport beacon provides a long-range visual guidance and identification of the heliport. The heliport beacon is located on or adjacent to the heliport preferably at an elevated position and so that it does not dazzle a pilot at short range.

Key Features

- ▶ Based on LED technology
- ▶ Doesn't require any additional controllers
- ▶ Built-in photocell for automatic intensity adjustment
- ▶ Several intensity adjustment levels available
- ▶ NVG compliant Infrared (850nm)
- ▶ Aluminum body and glass cover
- ▶ Height of 408mm and weight of 14kg
- ▶ Operating voltage 100-240VAC
- ▶ 5-year warranty

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Electrical Characteristics

- ▶ Operating voltage 90-265V_{AC}
- ▶ Power consumption (average)
 - < 15W
- ▶ Recommended cables (Outdoor):
 - Power (L-N-PE): 3x1,5mm² or 3x2,5mm²
 - Control: Max. 5x2,5mm²

Control by Relay Signal (DIP [1..3]=0)

Mode	IN1	IN2	IN3	IN4
Light OFF	0	0	0	0
100%	-	-	-	1
10%	-	-	1	0
3%	-	1	0	0
Auto dimming	1	0	0	0

1 = on

0= off

off=open (=indicator LED is ON)

Auto dimming mode

3% = Night (<50lx)

10% = Twilight (50 - 600lx)

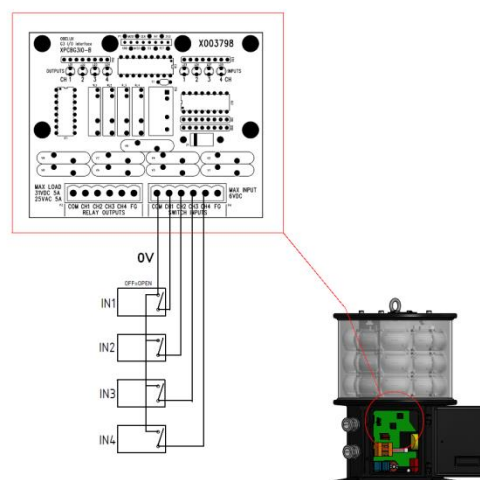
100% = Day (>600lx)

Control by Dip Switches

Mode	DIP1	DIP2	DIP3
Manual operation (control by Relay Signal)	0	0	0
100%	0	0	1
10%	0	1	0
3%	0	1	1
Auto dimming	1	0	0

Mechanical Characteristics

- ▶ Painted marine grade aluminium body (C5MHigh)
- ▶ Glass cover
- ▶ Degree of protection IP66
- ▶ Operating temperature range -40...+55 °C
- ▶ 2x Cable gland M25 for 6-17 mm cable diameter
- ▶ Mounting 240x240mm, ϕ 17mm
- ▶ Height 408 mm, diameter 270 mm
- ▶ Weight 14 kg



Location of control relays

Order code	Output	ICAO	Operating Voltage	Infrared	Packing dimensions
OBX-HB-ACW-001	2 500cd	Helipoint Beacon	90-265VAC	Yes	470x340x330, 16kg