

## High Intensity Obstruction Light



- > 200,000 cd effective intensity
- > Integrated heating system for protection against ice
- > LEDs protected against UV-light and condensation

### Typical Application



### High Intensity Obstruction Light ICAO Type A (flashing)

The DWT-OBS LED AOL 304.2012 A complies with ICAO Annex 14 High Intensity Obstruction Lights type A Table 6-3 and is CE certified

A surge protector is integrated in the light (EN 61643-11:2001 in Type 2 SPD for control and light).

The electronic ballast unit compensates voltage losses due to long cable runs. The light has the ability to control brightness, optional regulation required. It is externally mounted in the cabinet.

An integrated array of cooling elements provides efficient cooling of the high-power LEDs during operation.

#### Available Options::

- ✓ Twilight switch
- ✓ GPS Module for synchronization
- ✓ Body colors in RAL-colors
- ✓ Brightness Control

#### MECHANICAL CHARACTERISTICS LIGHT

<b>Body Material</b>	Aluminum, powdercoated
<b>Body Color</b>	White
<b>Dimensions</b>	
Height	840 mm
Width	550 mm
Length	245 mm
<b>Operating Temperature</b>	-40 to + 60°C
<b>Weight</b>	approx. 30 kg
<b>Protection Class</b>	IP 66
<b>Installation</b>	6 mounting angle bracket with 2 x 13 mm holes each

Impact and shock resistant, vibration proof

#### MECHANICAL CHARACTERISTICS JUNCTION BOX

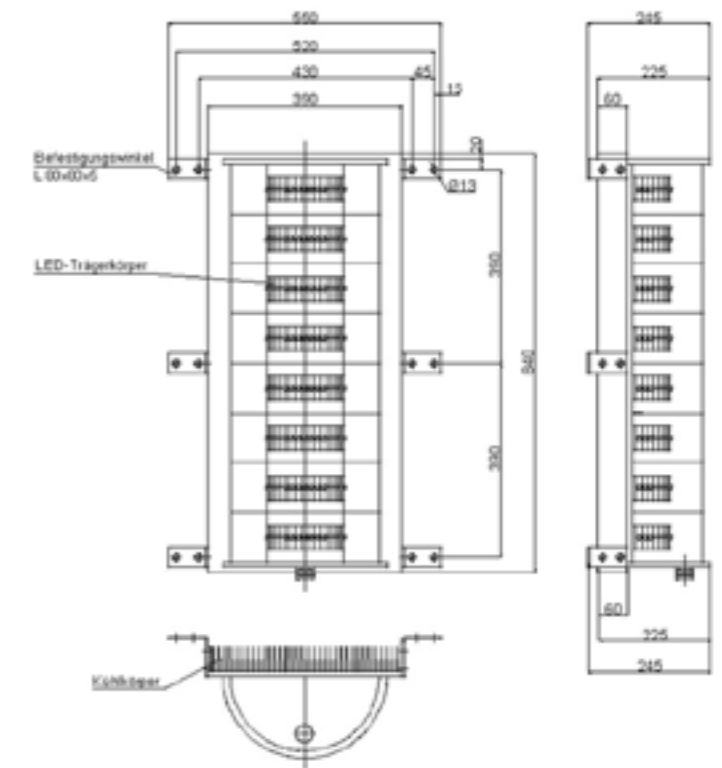
<b>Body</b>	AE 1050.500 - Steel
<b>Length</b>	500 mm
<b>Width</b>	500 mm
<b>Height</b>	210 mm
<b>Weight</b>	approx. 22 kg
<b>Protection Class</b>	IP 66

#### ELECTRICAL CHARACTERISTICS

<b>Operating Voltage</b>	◦ 100 - 240 V AC 50/60 Hz ◦ 88 - 375 V / DC ◦ 21 - 27 V / DC
<b>Power Consumption</b>	180 W (Average)
<b>Connection</b>	Screw clamps up to 2,5 mm <sup>2</sup>
<b>Cable Inlet</b>	1xM16, 1xM20, 2xM25
<b>Main Fuse</b>	10 A

Electronic ballast unit must be mounted externally in the control cabinet, power loss is compensated for longer cable run through ballast

#### DIMENSIONS



#### OPTICAL CHARACTERISTICS

<b>Light Source</b>	LED
<b>Light Color</b>	White
<b>Intensity</b>	200 000 cd ± 25%
<b>Horizontal Divergence</b>	90°
<b>Flash pattern</b>	0,5 s on / 1,0 s off
<b>Optics</b>	Optical system