

High Intensity Obstruction Light



- > 100,000 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 B (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

Body Material	Aluminum, powdercoated
Body Color	White
Dimensions	
Height	420 mm
Width	550 mm
Length	245 mm
Operating Temperature	-40 to + 60°C
Weight	approx. 30 kg
Protection Class	IP 66
Installation	4 mounting angle bracket with 2 x 13 mm holes each

Impact and shock resistant, vibration proof

MECHANICAL CHARACTERISTICS JUNCTION BOX

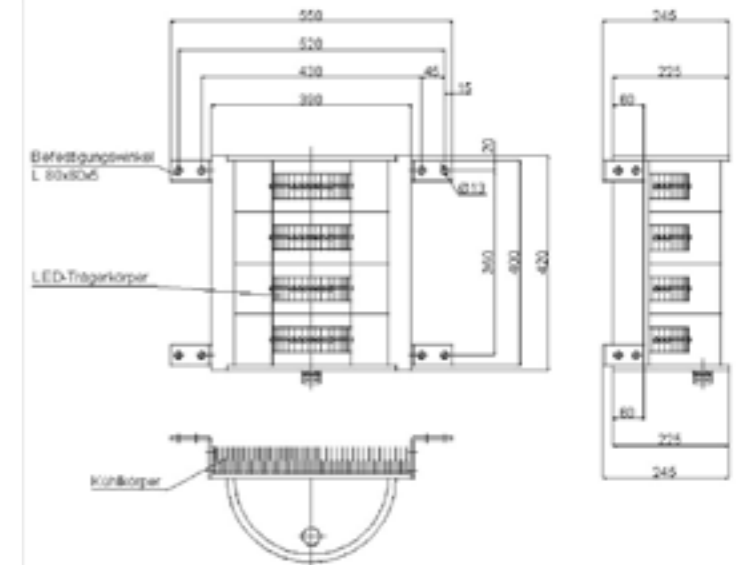
Body	AE 1050.500 - Steel
Length	500 mm
Width	500 mm
Height	210 mm
Weight	approx. 22 kg
Protection Class	IP 66

ELECTRICAL CHARACTERISTICS

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

Light Source	LED
Light Color	White
Intensity	100,000 cd ± 25%
Horizontal Divergence	120°
Flash pattern	0,5 s on / 1,0 s off
Optics	Optical system