In this brochure we give you an overview of obstacle warning light products and tell you about some of the reference projects implemented by DeWiTec. You will find out more about the benefits of modern LED lighting as well as typical applications and the installation regulations they are based on.

You can find detailed technical information about each light in the data sheets starting at page 8. You can also download them on our website www.dewitec.de.

We look forward to speaking to you personally and supporting you professionally with:

Delivery, Installation and Commissioning of:

- LED obstruction lights
- Autonomus LED solar powered lights
- Remotely controlled and monitored obstruction light systems

for obstruction lighting applications in:

- low intensity
- medium intensity
- high intensity

All our products are in accordance with the regulations of the international aviation organisations ICAO and FAA, the German BMVBW, as well as the VDE and CE.

Example of installations

- „AXA-Building“ in Cologne, Germany: DWT-OBS-LED S Single Obstruction Lights flag Germany’s highest apartment house
- Power Plant „Staudinger“ in Hanau, near Frankfurt, Germany: DWT-OBS-LED A Single Obstruction Lights are installed here
- Heliport Hospital Cologne-Merheim, Germany: DWT-OBS LED AOL 303.2006 B with automatic switch

We provide steady-on or flashing obstacle warning lights for aviation obstacles for every application: Masts, cranes, wind turbines or towers, as well as complex obstruction light systems for power stations and buildings. You will receive professional assistance in choosing components compliant to the regulations.
Benefits of modern LED-Obstruction-Lights

Compared to conventional obstacle warning lights with incandescent or fluorescent lamps, LED-lights feature big advantages:

- 95% less energy consumption in comparison to conventional obstruction lights
- Easy installation due to small dimensions and less weight
- Shock and vibration resistant
- Less windload
- Significant decrease of running costs owing to dependability and long lamp durability (up to 15 years)
- Can be used with solar energy systems
- Environmentally compliant due to low material usage and low energy consumption
- Low default risk
- Competitive cost-performance ratio

Reliability and Quality

DeWiTec obstacle warning lights based on LED technology are supremely reliable, even under extreme weather conditions.

Obstruction Light Systems

For more complex obstruction light systems we provide upstream control and monitoring systems. Contact us!

Signal

Power

Control

BS: Base Station (radio technology)
BU: Backup-Unit / BS-Power supply with battery unit

Power Supply / Emergency Power Operation

All obstruction lights are available in 12V, 24V, 48V AC/DC and 230V AC.

The obstacle warning lights can be provided with uninterrupted power supply (UPS), or, due to their low power consumption, together with a back-up battery, e.g. in radio stations.
Compact Single LED Obstruction Light

- Based on LED technology
- Compact design
- Low energy consumption
- Easy to install
- Lightweight and small: low wind factor

Typical Application

Low Intensity Obstruction Light
ICAO Type A

This low intensity compact obstruction light with LED technology is excellent for most applications. Due to its small dimensions it can be used in non-stationary applications, e.g. for cranes or other temporary obstacles.

For transient-endangered applications the use of surge protective devices is recommended.

Single Obstruction Light
Type A (> 10 cd)

OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Light Intensity</th>
<th>&gt;10 cd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lightcolor</td>
<td>Aviation Red</td>
</tr>
<tr>
<td>Horizontal Output (degrees)</td>
<td>360°</td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Operating Voltage</th>
<th>- 230 V AC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- 24 V DC</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>- 12 V DC</td>
</tr>
<tr>
<td></td>
<td>4 W</td>
</tr>
</tbody>
</table>

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Height</th>
<th>144 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>90 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>0.75 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 67</td>
</tr>
</tbody>
</table>

Operating Temperature

-25°C to +70°C

Available Options:
- Solar power supply
- Mast Fixing
- Stand
- Wall Mount
Compact Double LED Obstruction Light

- Based on LED technology
- Compact design
- Low energy consumption
- Easy to install
- Lightweight and small: low wind factor

Typical Application

Low Intensity Obstruction Light
ICAO Type A

This low intensity compact obstruction light with LED technology is excellent for most applications. Due to its small dimensions it can be used in non-stationary applications, e.g. for cranes or other temporary obstacles.

For transient-endangered applications the use of surge protective devices is recommended.

Double Obstruction Light
Type A (> 10 cd)

Typical Application

OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Light Intensity</th>
<th>Type A &gt;10 cd</th>
<th>Type B &gt; 32,5 cd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lightcolor</td>
<td>Aviation Red</td>
<td></td>
</tr>
<tr>
<td>Horizontal Output (degrees)</td>
<td>360°</td>
<td></td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Operating Voltage</th>
<th>230 V AC</th>
<th>24 V DC</th>
<th>12 V DC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Consumption</td>
<td>4 W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MECHANICAL CHARACTERISTICS

- Height: 144 mm
- Diameter: 90 mm
- Weight: 0.75 kg
- Protection Class: IP 67
- Operating Temperature: -25° C to + 70°C

Available Options:
- Solar power supply
- Mast Fixing
- Stand
- Wall Mount
Compact LED Double Obstruction Light

- Based on LED technology
- Compact design
- Low energy consumption
- Easy to install
- Lightweight and small: low wind factor

Typical Application

Low Intensity Obstruction Light
ICAO Type B

This low intensity compact obstruction light with LED technology is excellent for most applications. Due to its small dimensions it can be used in non-stationary applications, e.g. for cranes or other temporary obstacles.

For transient-endangered applications the use of surge protective devices is recommended.

Double Obstruction
Light Type B (> 32 cd)

OPTICAL CHARACTERISTICS
- Light Intensity: > 32,5 cd
- Lightcolor: Aviation Red
- Horizontal Output (degrees): 360°

ELECTRICAL CHARACTERISTICS
- Operating Voltage:
  - 230 V AC
  - 24 V DC
  - 12 V DC
- Power Consumption: 4,5 W

MECHANICAL CHARACTERISTICS
- Height: 144 mm
- Diameter: 90 mm
- Weight: 0.75 kg
- Protection Class: IP 67
- Operating Temperature: -25° C to + 70°C

Available Options:
- Solar power supply
- Mast Fixing
- Stand
- Wall Mount
Medium Intensity Obstruction Light

- 1-stage medium intensity obstruction light ICAO Type B (flashing)
- Integrated heating system for protection against ice
- LEDs protected against UV-light and condensation

Typical Application

Medium Intensity Obstruction Light
ICAO Type B

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

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. They can be mounted externally in the cabinet or be integrated into the light.

Error messages occur as a collective report on potential free contacts.

Available Options:
- Steady light (ICAO Typ C)
- Twilight switch
- GPS Module for synchronization
- Body colors in RAL-colors
- Body material: stainless steel

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>Powdercoated Aluminum, white</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to + 60°C</td>
</tr>
<tr>
<td>Height</td>
<td>Total: 276 mm Optics: 116 mm</td>
</tr>
<tr>
<td>Diameter</td>
<td>330 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 6.7 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 66</td>
</tr>
<tr>
<td>Installation</td>
<td>Base plate with 3 holes (8.5 mm diameter)</td>
</tr>
<tr>
<td>Impact and shock resistant, vibration proof</td>
<td></td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage</td>
<td>100 - 240 V AC 50/60 Hz</td>
</tr>
<tr>
<td></td>
<td>88 - 375 V / DC</td>
</tr>
<tr>
<td></td>
<td>21 - 27 V / DC</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>50 W</td>
</tr>
<tr>
<td>Steady-on</td>
<td>16 W</td>
</tr>
</tbody>
</table>

The electrical connection is carried out in a UV-resistant junction box made of plastic or aluminum (leads to 3 x 2.5 mm²)

OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Source</td>
<td>LED</td>
</tr>
<tr>
<td>Light Color</td>
<td>Aviation Red</td>
</tr>
<tr>
<td>Intensity</td>
<td>2000 cd ± 25%</td>
</tr>
<tr>
<td>Horizontal</td>
<td>360°</td>
</tr>
<tr>
<td>Divergence</td>
<td></td>
</tr>
<tr>
<td>Flash Pattern</td>
<td>1s on / 2 s off (20 flashes per min)</td>
</tr>
</tbody>
</table>

Effective intensity complies with ICAO Type B
DWT-OBS LED S

Single Obstruction Light

> The unique design of the glass provides an enhanced LED-performance and 360° visibility
> Modern SMS-LED technology
> Corrosion-resistant

Typical Application

Low Intensity Obstruction Light (ICAO Type A)

The DWT-OBS-LED S single obstruction light is ideal for indicating potential obstructions and thus avoids threats to aviation. Because of the different power supply options, appropriate positions can be found for it in almost all applications. Permanent-on or flashing versions available.

Double Obstruction Light

The DWT-OBS-LED S Double Obstruction Warning Light is identical to the single version, but if the main lamp fails, the stand-by lamp is automatically switched on (optional).

The yellow body shown in the picture above is a customised version - it is a non-standard version.
Single Obstruction Light

The unique design of the glass provides an enhanced LED-performance and 360° visibility.

Modern SMS-LED technology

Corrosion-resistant

Typical Application

Low Intensity Obstruction Light (ICAO Type B)

The DWT-OBS-LED S single obstruction light is ideal for indicating potential obstructions and thus avoids threats to aviation. Because of the different power supply options, appropriate positions can be found for it in almost all applications.

Permanent-on or flashing versions available.

Double Obstruction Light

The DWT-OBS-LED S Double Obstruction Warning Light is identical to the single version, but if the main lamp fails, the stand-by lamp is automatically switched on (optional).

The yellow body shown in the picture above is a customised version - it is a non-standard version.

DIMENSIONS SINGLE OBSTRUCTION LIGHT

DIMENSIONS DOUBLE OBSTRUCTION LIGHT

PHOTOMETRY (ISOTROPIC INTENSITY CHART)

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Material</th>
<th>Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Hardware</td>
<td>Glass</td>
</tr>
<tr>
<td>Optic</td>
<td></td>
</tr>
</tbody>
</table>

Operating Temperature

-55°C to +55°C

Height

- Single: 283 mm
- Double: 369 mm

Width

395 mm

Diameter Single = 147 mm

Protection Class

IP65

Corrosion resistant integrated LEDs

ELECTRICAL CHARACTERISTICS (DEPENDENT ON VERSION)

<table>
<thead>
<tr>
<th>Nominal Operating Voltage</th>
<th>220 V Version</th>
<th>120 V Version</th>
<th>48 VDC</th>
<th>24 VDC</th>
<th>12 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>14.5 W (17 W max)</td>
<td>23.5 W (21 W max)</td>
<td>24 VDC</td>
<td>12 VDC</td>
<td></td>
</tr>
</tbody>
</table>

Power Consumption

14.5 W (17 W max)

23.5 W (21 W max)

24 W (29 W max)

Modern SMD-LED technology

OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Light Source</th>
<th>High Power LEDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Color</td>
<td>Red (others optional)</td>
</tr>
<tr>
<td>Light intensity Type B</td>
<td>&gt; 32 Candela</td>
</tr>
</tbody>
</table>

Horizontal Output

360°

Vertical Divergence

-10° to +20°

Flashing

Optional with control
LED Single Obstruction Light for Hazardous Areas

- Certified for hazardous areas
- The unique design of the glass provides an enhanced LED-performance and 360° visibility
- Modern SMS-LED technology
- Corrosion-resistant

Certifications and Ratings:
- Class I, Div 2, Groups A, B, C, D hazardous environments T4 rated w ATEX certified, equipment group II (surface industries), category 3 (Zone 2), T4 rated
- FAA AC No. 150/5345-43F
- Canadian Aviation Regulation CAR 621.9 (Transport Canada)
- ETL Listed in compliance with UL1598 and UL844 for use in Class I, Div 2 hazardous locations

LED Double Obstruction Light for Hazardous Areas

The DWT-OBS-LED S Double Obstacle Warning Light is identical to the single version, but if the main lamp fails, the stand-by lamp is automatically switched on (optional).
LED Single Obstruction Light for ATEX Zone II

- ATEX Ex i for Zone II
- ATEX Ex i [intrinsically safe]
- EcoLed LED Lamp
- Simple but sturdy design
- Easy installation and maintenance

Typical Application

Low Intensity Obstruction Light (ICAO Type A or ICAO Type B)

The DWT-OBS ATEX light is designed to meet both the ICAO demands for red LED obstruction lights and ATEX Zone II for hazardous area lighting locations. The light fulfills the requirements for Protection Class IP68.

Obstruction lighting is intended to reduce the hazards to aircraft by indicating the presence of obstructions. The color is fully obtained by the LED module. The tightness is guaranteed by a special O-Ring system. The LED lamps are characterized by long life and even light distribution. The extraordinary quality and reliability of all our range are due to the particular care in manufacturing and to many tests done during the manufacturing procedure. The aluminum body and tempered glass exclude all the disagreements of synthetic products (plastic, PMMA).

These materials keep their physical properties in all climate conditions (high and very low temperature).

ATEX homologation (pending) EX II 3 G / Ex e I I t5.

Compliant to:
- ICAO Annex 14

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Material</th>
<th>Body</th>
<th>Optic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Color</td>
<td>Yellow RAL 1021</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Height</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>245 mm</td>
<td>140 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>with mounting plate</td>
</tr>
<tr>
<td></td>
<td></td>
<td>165 mm</td>
</tr>
</tbody>
</table>

| Weight            | Approx. 2.5 kg |

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Tripod</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Frangible Coupling</td>
</tr>
</tbody>
</table>

| Protection Class  | IP68     |

ELECTRICAL CHARACTERISTICS

- Operating Voltage: 12 V via DWT-PS ATEX power supply
- Modern SMD-LED technology

OPTICAL CHARACTERISTICS

- Light Source: High-Power LEDs
- Light Color: Red (standard)
- Light intensity
  - Type A: > 10 Candela
  - Type B: > 32 Candela
- Horizontal Output: 360°

PHOTOMETRY ICAO TYPE A (10 CD MIN)

PHOTOMETRY ICAO TYPE B (32 CD MIN)

DIMENSIONS
Medium Intensity Obstruction Light

- 20 000 cd effective intensity
- Integrated heating system for protection against ice
- LEDs protected against UV-light and condensation

The light has the ability to control brightness. 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. It is externally mounted in the cabinet.

Available Options:
- Steady light (ICAO Typ C)
- Twilight switch
- GPS Module for synchronization
- Body colors in RAL-colors
- Body material: stainless steel (V4A)

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

Typical Application

Medium Intensity Obstruction Light ICAO Type A

ELECTRICAL CHARACTERISTICS

- Operating Voltage: -100 - 240 V AC 50/60 Hz
- -88 - 375 V / DC
- -21 - 27 V / DC

- Power Consumption: 60 W (Average)

- Connection: Screw clamps up to 2,5 mm²

- 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.
Medium Intensity Obstruction Light

- Combined medium-intensity obstruction light type A and type C
- 20,000 cd effective intensity white
- 2,000 cd effective intensity red
- Integrated heating system for protection against ice

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

The light has the ability to control brightness.

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.

It is externally mounted in the cabinet. LEDs protected against UV-light and condensation.

Available Options:
- Twilight switch
- GPS Module for synchronization
- Body colors in RAL-colors
- Body material: stainless steel

MECHANICAL CHARACTERISTICS LIGHT

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>Powdercoated Aluminum, white</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°C to +60°C</td>
</tr>
<tr>
<td>Height</td>
<td>400 mm Total Optics 320 mm</td>
</tr>
<tr>
<td>Diameter</td>
<td>330 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 14 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 66</td>
</tr>
<tr>
<td>Installation</td>
<td>Base plate with 3 holes (8.5 mm diameter)</td>
</tr>
<tr>
<td>Impact and shock resistant, vibration proof</td>
<td></td>
</tr>
</tbody>
</table>

MECHANICAL CHARACTERISTICS JUNCTION BOX

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body</td>
<td>AE 1050.500 - Steel</td>
</tr>
<tr>
<td>Length</td>
<td>500 mm</td>
</tr>
<tr>
<td>Width</td>
<td>500 mm</td>
</tr>
<tr>
<td>Height</td>
<td>210 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 22 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 66</td>
</tr>
</tbody>
</table>

ELECTRICAL CHARACTERISTICS

- Operating Voltage: -100 - 240 V AC 50/60 Hz, 88 - 375 V / DC, 21 - 27 V / DC
- Power Consumption:
  - White: 60 W
  - Red: 50 W
- Connection: Screw clamps up to 2.5 mm²
- 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

OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Source</td>
<td>LED</td>
</tr>
<tr>
<td>Light Color Day</td>
<td>White (1s on / 2s off)</td>
</tr>
<tr>
<td>Light Color Night</td>
<td>Red (steady on)</td>
</tr>
<tr>
<td>Intensity White</td>
<td>20,000 cd ± 25%</td>
</tr>
<tr>
<td>Intensity Red</td>
<td>2,000 cd ± 25%</td>
</tr>
<tr>
<td>Horizontal Divergence</td>
<td>360°</td>
</tr>
</tbody>
</table>
Medium Intensity Obstruction Light

> 1-stage medium intensity obstruction light ICAO Type B (flashing)
> Integrated heating system for protection against ice
> LEDs protected against UV-light and condensation

Typical Application

Medium Intensity Obstruction Light ICAO Type B

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

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.

They can be mounted externally in the cabinet or be integrated into the light.

Error messages occur as a collective report on potential free contacts.

Available Options:
- Steady light (ICAO Typ C)
- Twilight switch
- GPS Module for synchronization
- Body colors in RAL-colors
- Body material: stainless steel

MECHANICAL CHARACTERISTICS
- Body: Powdercoated Aluminum, white
- Operating Temperature: -40° C to + 60° C
- Height Total: 276 mm
- Optics: 116 mm
- Diameter: 330 mm
- Weight: approx. 6.7 kg
- Protection Class: IP 66
- Installation: Base plate with 3 holes (8.5 mm diameter)
- Impact and shock resistant, vibration proof

ELECTRICAL CHARACTERISTICS
- Operating Voltage:
  - 100 - 240 V AC 50/60 Hz
  - 88 - 375 V / DC
  - 21 - 27 V / DC
- Power Consumption:
  - Steady-on: 50 W
  - Flashing: 16 W

The electrical connection is carried out in a UV-resistant junction box made of plastic or aluminum (leads to 3 x 2.5 mm²)

OPTICAL CHARACTERISTICS
- Light Source: LED
- Light Color: Aviation Red
- Intensity: 2000 cd ± 25%
- Horizontal Divergence: 360°
- Flash Pattern: 1s on / 2 s off (20 flashes per min)

Effective intensity complies with ICAO Type B

DIMENSIONS

Shown with integrated electronics, twilight switch and GPS module.
Medium Intensity Obstruction Light

- 1-stage medium intensity obstruction light ICAO Type B (flashing)
- Integrated heating system for protection against ice
- LEDs protected against UV-light and condensation

Typical Application

Medium Intensity Obstruction Light ICAO Type B

Certified according to No. 24 of the General Administrative Regulation for identification of obstacles to aviation (AVV marking) and CE.

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.

They can be mounted externally in the cabinet or be integrated into the light.

Error messages occur as a collective report on potential free contacts.

- MECHANICAL CHARACTERISTICS
  - Body: Powdercoated Aluminum, white
  - Operating Temperature: -40° C to + 60°C
  - Height: 276 mm
    - Total: 276 mm
    - Optics: 116 mm
  - Diameter: 330 mm
  - Weight: approx. 6.7 kg
  - Protection Class: IP 66
  - Installation: Base plate with 3 holes (8.5 mm diameter)
  - Impact and shock resistant, vibration proof

- ELECTRICAL CHARACTERISTICS
  - Operating Voltage:
    - 100 - 240 V AC 50/60 Hz
    - 88 - 375 V / DC
    - 21 - 27 V / DC
  - Power Consumption:
    - Steady-on: 50 W
    - Flashing: 16 W
  - The electrical connection is carried out in a UV-resistant junction box made of plastic or aluminum (leads to 3 x 2.5 mm²)

- OPTICAL CHARACTERISTICS
  - Light Source: LED
  - Light Color: Aviation Red
  - Intensity: 2000 cd ± 25%
  - Horizontal Divergence: 360°
  - Flash Pattern: 1s on / 2 s off (20 flashes per min)
  - Effective intensity complies with ICAO Type B

Available Options:
- Steady light (ICAO Typ C)
- Twilight switch
- GPS Module for synchronization
- Body colors in RAL-colors
- Body material: stainless steel

Shown with integrated electronics, twilight switch and GPS module.
High Intensity Obstruction Light

The DWT-OBS LED A304.2012 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

Typical Application

High Intensity Obstruction Light
ICA0 Type A (flashing)

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

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

<table>
<thead>
<tr>
<th>Body Material</th>
<th>Aluminum, powdercoated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Color</td>
<td>White</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>420 mm</td>
</tr>
<tr>
<td>Width</td>
<td>550 mm</td>
</tr>
<tr>
<td>Length</td>
<td>245 mm</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40 to +60°C</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 30 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 66</td>
</tr>
<tr>
<td>Installation</td>
<td>4 mounting angle bracket with 2 x 13 mm holes each</td>
</tr>
<tr>
<td>Impact and shock resistant, vibration proof</td>
<td></td>
</tr>
</tbody>
</table>

### MECHANICAL CHARACTERISTICS JUNCTION BOX

<table>
<thead>
<tr>
<th>Body</th>
<th>AE 1050.500 - Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>500 mm</td>
</tr>
<tr>
<td>Width</td>
<td>500 mm</td>
</tr>
<tr>
<td>Height</td>
<td>210 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx. 22 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 66</td>
</tr>
</tbody>
</table>

### ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Operating Voltage</th>
<th>100 - 240 V AC 50/60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>88 - 375 V / DC</td>
</tr>
<tr>
<td></td>
<td>21 - 27 V / DC</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>100 W (Average)</td>
</tr>
<tr>
<td>Connection</td>
<td>Screw clamps up to 2,5 mm²</td>
</tr>
<tr>
<td>Cable Inlet</td>
<td>1xM16, 1xM20, 2xM25</td>
</tr>
<tr>
<td>Main Fuse</td>
<td>10 A</td>
</tr>
</tbody>
</table>

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

### OPTICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Light Source</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Color</td>
<td>White</td>
</tr>
<tr>
<td>Intensity</td>
<td>100,000 cd ± 25%</td>
</tr>
<tr>
<td>Horizontal Divergence</td>
<td>120°</td>
</tr>
<tr>
<td>Flash pattern</td>
<td>0,5 s on / 1,0 s off</td>
</tr>
<tr>
<td>Optics</td>
<td>Optical system</td>
</tr>
</tbody>
</table>

### DIMENSIONS

- **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**
Intelligent Obstruction Light w/ Solarpanel Connector

- LED-based optics
- In-built battery
- Charging port for external solar panel, charging unit or cable
- Wireless connection with range of 100 m optional
- EU manufactured

Low Intensity Obstruction Lighting
ICAO Type A

Intelligent aviation light DWT-SP-401 for obstruction lighting according to Low Intensity ICAO Type A. Autonomous operation thanks to internal rechargeable battery and solar panel connector.

The aviation light DWT-SP-401 features various advanced functions and operation modes. These include a built in battery featuring 50 hours of operations or 14 days of stand-by. The built-in microprocessor provides protection against excessive over/discharge of the battery and enables reliable operation. The lighting unit microcontroller runs self-diagnostics and provides an integrated radio module for wireless activation (built-in MESH protocol).

This way, the lighting system can be activated whenever it is necessary. Autonomous operation (automatic activation / deactivation at dusk / dawn) is possible with optional solar panel. Users benefit from maximum flexibility for installations due to external, optional solar panel.

An additional on/off switch button allows for manual operation.

### MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Material</th>
<th>Composite technology, RTM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Colour</td>
<td>Yellow</td>
</tr>
<tr>
<td>Lens</td>
<td>UV-stabilized Polycarbonate, Grade 2407</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>228 mm</td>
</tr>
<tr>
<td>Length</td>
<td>178 mm</td>
</tr>
<tr>
<td>Body Height</td>
<td>271 mm excl. antenna</td>
</tr>
<tr>
<td>Height</td>
<td>365 mm incl. antenna</td>
</tr>
<tr>
<td>Weight</td>
<td>4 kg</td>
</tr>
<tr>
<td>Mounting</td>
<td>4 x M5</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP65 (waterproof)</td>
</tr>
</tbody>
</table>

### OPTICAL CHARACTERISTICS

| Light Source    | LED                                |
| Light Colour    | Red (acc. to ICAO Annex 14)        |
| Intensity Settings |                           |
|                 | Low                  |
|                 | Medium               |
|                 | High                 |
| Horizontal Divergence | 360°                   |

### ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Battery</th>
<th>Deep-cycle, VLRA, ISO 9001, ISO14001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Capacity at 25°C</td>
<td>9 Ah</td>
</tr>
<tr>
<td>Capacity at 0°C</td>
<td>7.7 Ah</td>
</tr>
<tr>
<td>Capacity at -15°C</td>
<td>5.9 Ah</td>
</tr>
<tr>
<td>Voltage</td>
<td>12 V</td>
</tr>
<tr>
<td>Stand-by time</td>
<td>14 days</td>
</tr>
<tr>
<td>Operating time</td>
<td>25-50 hours depending on selected intensity (fully charged battery)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Charging Options</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stationary charging unit</td>
</tr>
<tr>
<td></td>
<td>External solar panel</td>
</tr>
<tr>
<td></td>
<td>Electrical cable grid</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Charging Time</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7 hours</td>
</tr>
<tr>
<td></td>
<td>20 min per 1 hour operation</td>
</tr>
</tbody>
</table>

### Solar Panel

<table>
<thead>
<tr>
<th>Cell Technology</th>
<th>Monocrystalline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Power</td>
<td>20 W (10 W optional)</td>
</tr>
<tr>
<td>Operation Nominal Voltage</td>
<td>12 V</td>
</tr>
<tr>
<td>Model Efficiency</td>
<td>13 - 17 %</td>
</tr>
<tr>
<td>Dimensions</td>
<td>580 x 289 x 18 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>2.3 kg</td>
</tr>
</tbody>
</table>

Intensity setting subject to solar availability.

Fittings / Options:
- GSM Monitoring & Activation
- VHF Activation
- Solar Panel
- Mounting Accessories
Intelligent Obstruction Light w/ Solarpanel Connector

MAIN DIMENSIONS

FEATURES

- Manual On/Off Push Button and Battery Status Indicator
- Waterproof Charging Port for Solar Panel, Charging Unit or Cable

BASE DIMENSIONS

FEATURES ADDITIONAL CONTROL UNIT

DWT-UR-201 (Optional)

Key Features:
- Remote activation of Lighting System via GSM / Air-Band Radio (optional)
- Adjustable lighting intensity
- Time out adjustable from 10, 15, 30 or 60 min (via GSM)
- Main source of power: 230 V / Backup Source of Power - 18 Ah, 12 V battery
- Solar powered version (optional)
Solar-Powered Obstruction Light

Avlite’s Solar powered ICAO LIOL Type A is a robust, completely self-contained solar powered LED obstruction light.

The solar array charges an internal battery during daylight hours, and at dusk the light will automatically begin operation.

The rugged design of this self-contained light ensures up to 12 years of reliable service with minimal ongoing maintenance. Specifically designed for the harshest of environments, this light features a 7-stage, powder-coated aluminum top, base and internal chassis in high visibility colors for daytime recognition. The rubber, extruded corners provide additional impact resistance.

The advanced light optic uses a single power LED. The tough polycarbonate aviation lens is specifically designed for use with LEDs to maximize light intensity and uniformity. The light optic is interchangeable between units, and can be replaced on site in the unlikely event of damage.

### Typical Application

Low Intensity Obstruction Light (ICAO Type A)

### Available Options:
- GPS Module for synchronisation
- External On/Off-Switch
- External Charging Port (for DWT-ASB 10 / 20 SolarBooster)
- External IR Controller
- IR LED

### MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Material</th>
<th>7-stage powder-coated Aluminum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lens</td>
<td>LEXAN® Polycarbonate – UV stabilized</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>375 mm</td>
</tr>
<tr>
<td>Width</td>
<td>233 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>9.1 kg</td>
</tr>
<tr>
<td>Lens Diameter</td>
<td>107 mm</td>
</tr>
<tr>
<td>Mounting</td>
<td>4 x 17mm holes on 200mm PCD</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-40 to 80 °C</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 68</td>
</tr>
<tr>
<td>Wind Speed</td>
<td>Max. 44 m/s</td>
</tr>
</tbody>
</table>

### OPTICAL CHARACTERISTICS

- Light Source: Single high-power LED
- Available Colors: Red as standard, other colors on request
- Peak Intensity: Compliant to ICAO
- Horizontal Output: 360 degrees
- Vertical Divergence: as
- Intensity Adjustment: In 25% increments
- Available Flash Characteristics: >250 including steady-on (user-adjustable)
- Intensity Adjustments: 25 % - 50 % - 100 %

### ELECTRICAL CHARACTERISTICS

- Current Draw: 39 mA (steady on)
- Circuit Protection: Integrated
- Operating Voltage: 12 V
- Autonomy (days): >20 (14 hour darkness, 12.5% duty cycle)
- Battery Capacity: 12 Ah
- Typical Autonomy: > 20 nights (steady-on)
- Output Solar Module: 12 W (4 x 3 W)
- Approx. daily kw/h to maintain full autonomy: 2.1
Solar-Powered Obstruction Light

Avlite’s Solar powered ICAO LIOL Type A is a robust, completely self-contained solar powered LED obstruction light.

The solar array charges an internal battery during daylight hours, and at dusk the light will automatically begin operation.

The rugged design of this self-contained light ensures up to 12 years of reliable service with minimal ongoing maintenance. Specifically designed for the harshest of environments, this light features a 7-stage, powder-coated aluminum top, base and internal chassis in high visibility colors for daytime recognition. The rubber, extruded corners provide additional impact resistance.

The advanced light optic uses a single power LED. The tough polycarbonate aviation lens is specifically designed for use with LEDs to maximize light intensity and uniformity. The light optic is interchangeable between units, and can be replaced on site in the unlikely event of damage.

Available Options:
- GSM Cell Phone Monitoring
- GPS Module for synchronisation
- External On/Off-Switch
- External Charging Port
- SolarBooster
- External IR Controller
- IR LED

### Typical Application
Low Intensity Obstruction Light (ICAO Type A)

### MECHANICAL CHARACTERISTICS

| Material   | 7-stage powder-coated aluminum |
| Lens       | LEXAN® Polycarbonate – UV stabilized |

### Dimensions

| Height    | 470 mm |
| Width     | 233 mm |
| Weight    | 13.9 kg |

| Lens Diameter | 107 mm |
| Mounting     | 4 x 17mm holes on 200 mm PCD |

| Temperature Range | -40 to 80 °C |
| Protection Class  | IP 68 |
| Wind Speed       | Max. 44 m/s |

### OPTICAL CHARACTERISTICS

| Light Source          | Single high-power LED |
| Available Colors      | Red as standard, other colors on request |
| Peak Intensity        | Compliant to ICAO |
| Horizontal Output    | 360 degrees |
| Vertical Divergence   | +4° to +13° |
| Intensity Adjustment  | In 25% increments |
| Available Flash Characteristics | >250 including steady-on (user-adjustable) |
| Intensity Adjustments | 25 % - 50 % - 100 % |

### ELECTRICAL CHARACTERISTICS

| Current Draw       | 39 mA (steady on) |
| Circuit Protection | Integrated |
| Operating Voltage  | 12 V |
| Autonomy (days)    | > 20 (14 hour darkness, 12.5% duty cycle) |
| Battery Capacity   | 24 Ah |
| Typical Autonomy   | > 40 nights (steady-on) |
| Output Solar Module| 20 W (4 x 5 W) |

| Approx. daily kw/h to maintain full autonomy | 1.4 (0.7 with Solar Booster) |
During daylight hours the solar module will charge the battery through an advanced switch-mode regulator incorporated into the flasher unit. The light will automatically begin operation at dusk once the ambient light threshold drops sufficiently.

The light is built from heavy-duty cast aluminum - subject to 7-stage powder-coating, and offers users enormous impact and weather resistance. This completely self-contained unit with integrated solar module and battery system saves users considerably in power, cabling and on-going maintenance associated with traditional incandescent systems.

The DWT-AV 23 has been independently tested to be in accordance with the requirements of the photometric and colormetric specifications for a Low Intensity Type A Obstacle Light listed in table 6-3 of ICAO Annex 14 Volume 1, ‘Aerodrome Design and Operations’, Fourth Edition July 2004.

**Typical Application**

- Integrated solar/battery system
- User-replaceable battery and solar modules
- 10 watt solar module
- Single LED Optic: Bright and efficiently

**Low Intensity Obstruction Light (ICAO Type A)**

**Available Options:**
- 200 mm bolt pattern mounting plate
- IR LED
- External IR Controller
Solar-Powered Obstruction Light

- Integrated solar/battery system
- IP68 Rating
- High-Performance LED with aviation optic
- 8 Ah rechargable battery
- User-replaceable battery

Typical Application

FAA Construction & Barricade Lighting

The DWT-AV-60 solar LED light provides up to 5.7km visible range (flashing).

The positive divergence, wide angle lens makes it suitable for a variety of applications including taxiway, general hazard, barricade and low-intensity obstruction lighting.

Designed to be maintenance-free and have a service life of up to 12 years, the popular AV-60 model boasts user-adjustable intensity settings and can be set onsite to either steady-on or flashing operation. The light is simply switched ‘ON’, and the unit is ready for immediate operation. Once installed, the AV-60 requires no operator intervention.

The internal solar module charges the battery during daylight hours, and at dusk the light will automatically begin operation once the ambient light threshold drops sufficiently. The battery is housed in a sealed compartment allowing it to be changed after years of service.

Available Option:
- External On-/Off Switch
- IR LED

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Material</th>
<th>LEXAN® Polycarbonate, UV stabilized</th>
</tr>
</thead>
</table>

Dimensions

| Width      | 231 mm |
| Height     | 120 mm |
| Diameter Optic | 140 mm |

Weight

| 1.1 kg |

Mounting

| 6 x 17 mm on 200 mm bolt pattern |

Temperature Range

| -40 to +80 °C |

OPTICAL CHARACTERISTICS

Light Source

6 High-Power LEDs

Light Colors

- Red
- Green
- White
- Yellow
- Amber
- Blue

Flash Pattern

> 250 incl. steady on

Intensity Adjustments

25%, 50%, 75%, 100%

ELECTRICAL CHARACTERISTICS

Operating Voltage

3.6 V

Battery Capacity

8 Ah, NiMH-Battery

Solarpanel

Typ: Multicrystalline

Power: 1.4 W

Efficiency: 14 %

Charging Regulation: Mikroprocessor

Autonomy

Steady On: 20 Nights

Flashing: 40 Nights

Intensity setting subject to solar availability
Solar Booster

- Increases battery charging current for solar powered lights
- Microprocessor controlled
- Increased reliability
- Easy installation and connection

Typical Application

Solar Power Supply (Boosts Charging Current)

The Solar Booster provides additional solar collection to charge the battery. The Solar Booster can be used in areas of reduced sunlight to help ensure optimum battery charge or where longer periods of high intensity mode is required.

The solar panel is connected to the light via the external charge port and the panel is mounted at an angle to maximise solar collection during daylight hours. The panel captures as much sunlight as possible during the day. For detailed solar profiling of your region please contact DeWiTec.

Usable with:
- DWT-AV 410
- DWT-AV 425
- DWT-AV 70
- DWT-AV 72

MECHANICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting</td>
<td>4 hole bolt pattern on 200 mm OD base</td>
</tr>
<tr>
<td>Operating</td>
<td>-40°C to +80°C</td>
</tr>
<tr>
<td>Temperature</td>
<td>-40°C to +80°C</td>
</tr>
<tr>
<td>Height</td>
<td>150 mm</td>
</tr>
<tr>
<td>Length</td>
<td>560 mm</td>
</tr>
<tr>
<td>Width</td>
<td>370 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>approx 3.2 kg</td>
</tr>
<tr>
<td>Protection Class</td>
<td>IP 68</td>
</tr>
<tr>
<td>Installation</td>
<td>Connected to base plate of light</td>
</tr>
</tbody>
</table>

Up to 12 years product life expectancy

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12 V</td>
</tr>
<tr>
<td>Amperage</td>
<td>max 1,600 mA</td>
</tr>
<tr>
<td>Type Solar Panel</td>
<td>Multicrystalline</td>
</tr>
<tr>
<td>Output</td>
<td>20 W</td>
</tr>
</tbody>
</table>

Solar Booster™ DWT-ASB 20 with DWT-AV425 RF and base plate with frangible coupling

In use with DWT-AV 410
LED-Inset for obstruction lights type RTO 25

The LED-Inset offers all advantages of a genuine LED-Obstruction Light.

There is no better way to modernize your existing obstruction lights and make them fit for the future. You do not have to worry any more about changing your bulbs and you decrease the power consumption.

The LED-Inset is CE certificated and approved for use as light source for obstruction lights type RTO 25 by the german ministry of transport. Other operating voltages are available upon request.

Available Fittings:
- Fail Safe Relay
- Changeover Relay
- External electronics unit

MECHANICAL CHARACTERISTICS
- Socket: E27
- Operating Temperature: -30° C to + 60°C
- Dimensions:
  - Height without socket: 65 mm
  - Height with socket: 100 mm
  - Width: 80 mm
- Protection Class: IP 20
- Material: Aluminum
- Weight: 0.21 kg
- Stress: Vibration-proof

OPTICAL CHARACTERISTICS
- Light Source: High-Power-LED
- Color: Aviation Red
- Light Intensity: > 10 cd
- Horizontal Divergence: 360°

ELECTRICAL CHARACTERISTICS
- Operation Voltage: 95 - 240 V AC 50 / 60 Hz
- Power Consumption: approx. 6 W
- Overvoltage Protection: Integrated
LED-Inset for obstruction lights type RTO 25

Modernization of conventional obstruction lights by simply „changing the bulb“

> Decreased power consumption lowers operation costs

The LED-Inset offers all advantages of a genuine LED-Obstruction Light.

Installing LED-Inset allows you to:

- Modernize your existing obstruction lights without replacing the entire system.
- Decrease power consumption and lower operation costs.
- Ensure compatibility with existing infrastructure.
- Enjoy the durability and long lifespan of LED technology.

**OPTICAL CHARACTERISTICS**

- **Light Source**: 4 High-Power-LED
- **Color**: Aviation Red
- **Light Intensity**: 20 cd
- **Horizontal Divergence**: 360°

**MECHANICAL CHARACTERISTICS**

- **Socket**: E27 or clip
- **Operating Temperature**: -30° C to +60°C
- **Dimensions**
  - Height: 100 mm
  - Diameter: 80 mm
- **Protection Class**: IP 20
- **Color Socket**: White
- **Weight**: 0.2 kg

**ELECTRICAL CHARACTERISTICS**

- **Operation Voltage**: 95 - 240 V AC
- **Power Consumption**: 5 W

**Available Fittings:**
- Fail Safe Relay
- Changeover Relay
- Self Regulating Heater

**Typical Application**

Modernization of conventional obstruction lights

The LED-Inset offers all advantages of a genuine LED-Obstruction Light.

You do not have to worry any more about changing your bulbs and you decrease the power consumption. Our LED-Inset is CE certificated.

**Installation Accessories for Obstruction Lights**

The best way to mount obstruction lights above buildings is often by using a mast, so visibility is guaranteed from every direction. Masts with connections / mounting possibilities are available for all lights:

- In Stainless Steel
- In Aluminum
- From 100 mm to 1500 mm (height)
- With frangible coupling

In other cases, mounting can be achieved by means of wall mounting (angle brackets, retainers, ..).

**Custom Made Solutions**

DeWiTec offers you purpose-built items for your buildings / application. So please provide us with all the relevant information about where the lights are to be installed and any useful drawings.

We can then find the best solution for your task.

**Available Mounting Solutions:**

- Mast Mounting for DWT-OBS-LED A
- Mast Mounting for DWT-OBS-LED S
- Custom Made Solutions for all products
Obstruction Lighting

DeWiTec GmbH
Flugplatz 7 - 9
44319 Dortmund
Germany

Call us now - we will support you personally!

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Fax: +49 (0) 231 - 5655 8851

QR-Code Reader available for most smartphones