

HLLW Heliport External Lighted Wind Cone For Night Illumination

Lighted vane can indicate the wind direction in the ultimate approach and take off area and make a general indication on the wind speed.

For the installation locate, it must not be intervened by the nearby object or airflow blew by the rotary wing and can be seen from the helicopter from the air.

Custom solutions is available like height, vane size/color.



[L806 Model Night Operation](#)

Compliance

- ICAO Annex 14, Volume II, 4th Edition, July, 2013
- FAA AC150/5345-27C

Features

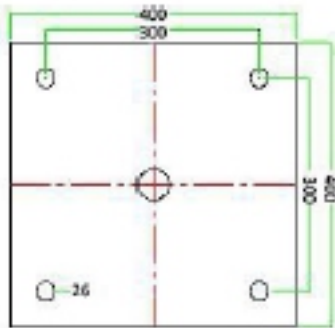
- Standard SS304L for mast and frame, SS316L optional for very corrosion environment.
- All fittings are made of stainless steel like base, heavy rotation bearings.
- Rating IP65.
- 1.5 meters to 7 meters pole in height available.
- 3 size of vanes: 30cm in bigger mouth; 45cm in bigger mouth; 60cm in bigger mouth.
- 1 of red LED L810 fixed red obstruction light and 4 of LED floodlights for external illumination.
- Waterproof socks colors available aviation orange, white-red, orange-white or others.
- Operation voltage for illumination part is 220VAC, 50HZ.
- Cables through the pole inside.
- Wind speed max load design 260kph.

Application

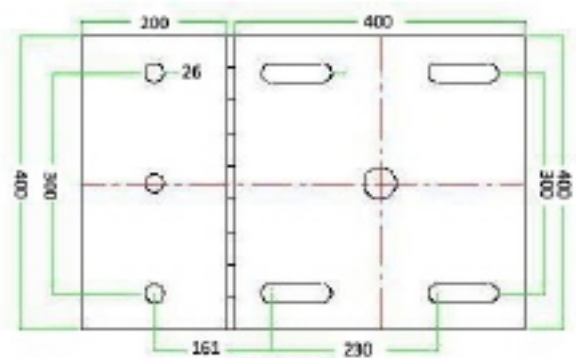
- Heliports
- Surface Heliports
- Elevated Heliports
- Offshore
- Airfield Lighting.

Installation

- Cover the wind sleeve over the frame and use magic tape to fix it. Check whether the wind sleeve frame is fixed stably with the rotation gear; make sure the two holding pawls of wind sleeve frame is well fixed.
- Connect the vane as per the figure, and connect the leading wire according to the circuit requirement and check if the lamp is in good working condition, then us bolts and nuts to fix the vane on the concrete base.
- Check the verticality of installation support, and adjust it if it is oblique.
- Check whether the wind sleeve can rotate well; if it is stuck, use lubricating agent (oil).
- Make sure to have an inspection every half year.
- Wind cone equipped with hinge convenient for easy installation and maintenance when the height of wind cone more than 4 meters.(Option)



Base Mounting Drawing of 4M Below Types



Base Mounting Drawing of 4M Above Types



L807 Heliport External Lighted Wind Cone For Night Illumination

Lighted vane can indicate the wind direction in the ultimate approach and take off area and make a general indication on the wind speed.

For the installation locate, it must not be intervened by the nearby object or airflow blew by the rotary wing and can be seen from the helicopter from the air.

L-807 is usually mounted on rigid supporting structures.



[L-807 Orange Model Night Operation](#)

Compliance

- ICAO Annex 14, Volume II, 4th Edition, July, 2013
- FAA AC150/5345-27E

Features

- LED low power consumption.
- No rotating electric parts.
- Reliable wind direction&illumination parts.

Physical Characteristics:

- Standard SS304L for pole and windsock frame, SS316L optional.
- Exposed metal parts are painted by colorfast orange UV stabilized.
- Support pole from base to top approx 6 meters.
- Rigid frame work bigger mouth 450mm.
- Poles assembly: 2.5m(Diameter 100mm)&2m(Diameter 75mm)&1m(Diameter 50mm).
- 2 heavy stainless steel bearings.
- Hinge base for easy installation and maintenance.
- -55℃~55℃ ambient temperature application.

Windsock:

- Color are available in orange, red,white,red/white,orange/white.
- Windsock size:0.45m in throat diameter and 2.5meters in length.

Power&Lighting:

- 220V AC 50HZ operation voltage.
- 1×5W LED L810 red fixed obstruction light and 4×10W LED flood lights.

Installation

- Cover the wind sleeve over the frame and use magic tape to fix it. Check whether the wind sleeve frame is fixed stably with the rotation gear; make sure the two holding pawls of wind sleeve frame is well fixed.
- Connect the vane as per the figure, and connect the leading wire according to the circuit requirement and check if the lamp is in good working condition, then use bolts and nuts to fix the vane on the concrete base.
- Check the verticality of installation support, and adjust it if it is oblique.
- Check whether the wind sleeve can rotate well; if it is stuck, use lubricating agent (oil).
- Make sure to have an inspection every half year.
- Wind cone equipped with hinge convenient for easy installation and maintenance.

