

CM-HT12/F HELIPORT LIGHTING

◀ CM-HT12/F Heliport Wind Vane



◀ Application

CM-HT12/F heliport Wind vane is to indicate the wind direction of the final approach and take-off, it can make a general indication to the wind speed. According to the ICAO provisions for each airport must be set at least one wind vane. Its installation location must not be interfered by nearby objects or the airflow blown by the rotor, and must be guaranteed the helicopter can be clearly identified at least in 200 meters away.

◀ Key Feature

CM-HT12/F Illumination Vane can be used as a sign in all kinds of airport to observe the wind power and wind direction in both daytime and night.

On the top installed one red LED obstruction light, provide the obstacle hint for the pilot at night.

On the upper of the pole installed a light stainless wind sleeve frame and one 360° rotation gear.

Inside of the wind sleeve frame installed one waterproof LED spotlight, it will turn with the wind sleeve, could light the wind sleeve directly, not like the old outside flood light, then eliminate the power consumption and against the eye flare.

On the wind sleeve frame installed one wind sleeve which is made of corrosion-resistant and high-temperature-resistant nylon anti-UV material, and lifetime is long. The color is red (orange) and white, have 5 sections, the start color is red (orange). The wind sleeve including 3 dimensions according to the pole's height.

1. The diameter is 300mm, the diameter at small end is 150mm and the length is 1.2m

2. The diameter is 600mm, the diameter at small end is 300mm and the length is 2.4m

3. The diameter is 900mm, the diameter at small end is 450mm and the length is 3.6m

How to choose the wind sleeve?

Below 4m, use the first type; between 4m to 6m, use the second type; above 6m, use the third type.

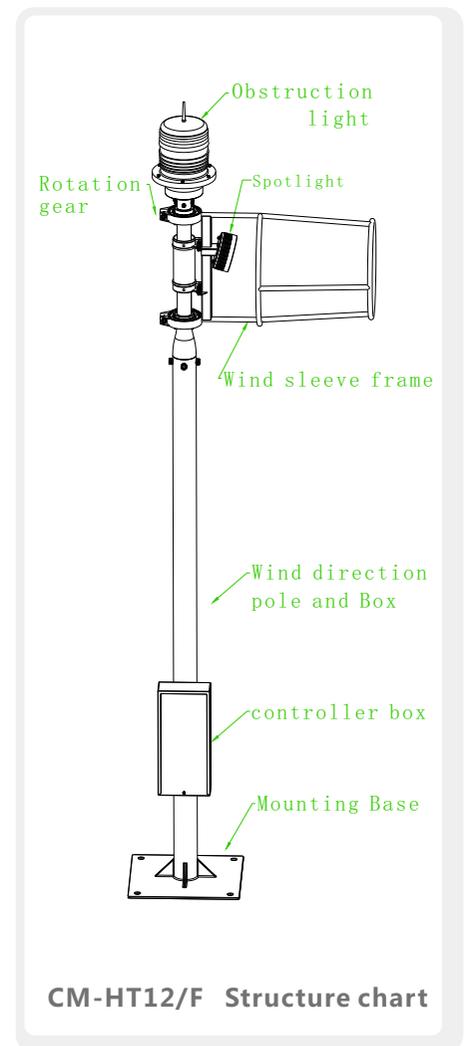
On the bottom of the pole, it has a control box, you could choose the wind vane with the photoswitch; the power supply cable into the control box directly.

The pole and the base all use the SUS304 stainless. The windsock height could be 2m, 3m, 4m, 5m, 6m or as buyer's requirements; when the total height more than 9m, you could add the stay wire in order to increase the stability; when the windsock height more than 4m, you could choose the hinges base so that could install more steady.

◀ Design specifications

This product complies with the Consultation Announcement AC150/5345-27C and L-806 of U.S. Federal Aviation Administration (FAA), Appendix 14-Airport of International Civil Aviation Organization (ICAO) and the specifications in Part Four of Airport Design drafted by ICAO.

The max designed wind speed is 260kph. But if the area wind speed or Ultraviolet strength is too high, it will shorten the wind sleeve's lifespan. Connect the wire in the bottom and 2.5mm wire terminal is available.



Item	Parameter
Model	CM-HT12/F
Operating voltage	AC220V
Power consumption	≤20W
Peak light intensity	≥32.5cd