PLUSAFE
AVIATION LIGHTING

Design, Manufacture, Supply Airfield Lighting and Obstruction Lighting Products

HDWC
LED Internal Illuminated Ex-proof Heliport Windcone

Ex



Overview:

· Helideck windsock suitable used in hazardous areas Zone1&2, Explosive gas mixture IIA, IIB, IIC. It is designed with an internal LED floodlight to illuminate the windsock and prevent glare to pilots. The explosion proof illuminated windsock provides wind-speed and direction indication to pilots during landing and take-off day&night.

Compliant:

· ICAO Annex 14, Volume II, 4th Edition, July, 2013, chapter 5.1.1
· CAA-UK CAP 437 8th edition;Chapter 4,paragraph 4.5

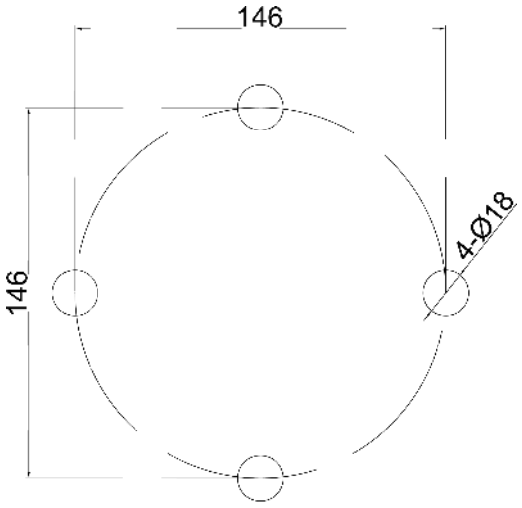
Why Ours:

· Use in Zone1, Zone2, Explosive gas mixture: IIA, IIB, IIC.
· Flexible rotation without obstruction to direction.
· Very low power consumption.
· Corrosion resistant 316 stainless steel bearing and support.
· Used with 110V to 240V AC, 50Hz/60Hz.
· No dazzling of pilots due to the internal lighted design.
· Explosion proof mark ExdeIICT6Gb.

Electrical Characteristics:

· Power by 110V to 240V AC, 50Hz/60Hz.
· 9W low power consumption.
· LED Internal light source 50,000 hours lifetime.

Mounting Size:



Physical Characteristics:

· 316 stainless steel support and bearing made.
· Internal lamp housing yellow spraying finish.
· Sleeve color white-red strips.
· Sleeve bigger mouth ϕ46cm/18'', 120cm/47'' in length.
· Diameter 5.3''/13.5cm,9.25''/23.5cm in height.
· Outsize diameter(O.D) cable from 11mm to 13mm.
· IP66.
· 23KG weight net weight.
· International package size 83cm×55cm×79cm.

Environmental:

· Operating at -50°C to 50 °C.
· Wind speed: 80m/s.

