

WIND CONES

LED Windsock Tower

Conversion Kit



Compliance with Standards

T/C: K305, TP 312

Uses

The ADB Safegate LED Windsock Tower Conversion Kit allows for the conversion of any windsock tower using a P. Wedge type swivel to be converted to LED illumination. Versions are available in 2.8 – 6.6 A current powered and 120-277 VAC voltage powered.

Features

- Uses a robust die-cast aluminum commercial grade 30 W LED Floodlight.
- Suitable for use with 36" or 24" diameter windsocks.
- High quality CREE LED chips ensure long life and efficiency.
- Lighting fixture is powder coated for environmental protection and has integral LED heatsinks to ensure maximum LED lifespan.
- Polycarbonate lens material helps protect LEDs from damage.
- Fixture rated at 50,000 hours life (L70) (11.4 years at 12 hr/ day).
- Specifically selected LED colour compliments the orange bands of the windsock (no wash out), providing superior conspicuity of the windsock.
- Current power supply assembly utilizes time tested power supply design, common with other ADB LED products. Reduces the requirements for additional spares parts.
- Series powered unit can be connected directly to the taxiway or runway circuits through a 200 W isolating transformer (sold separately). No voltage converters are required.
- Series powered units maintain a constant brightness over the full 2.8 A to 6.6 A, 5-step series circuit.
- No field adjustment of taps are required - simply "plug and play".
- Series power supply includes integral On-Off switch and power supply PCB has integrated diagnostics for easy troubleshooting.
- Low power consumption of 31 VA for the 120 VAC version and 75 VA (including isolating transformer losses) for the series powered version.
- The low voltage and current used to power LED fixture greatly extends brush life in swivel.

Ordering Code

C23 - 030000 - XX

Input Power Type

LC = Series-Powered (Class 3), LED 2.8-6.6 A

LV = Voltage-Powered (Class 1) 120-277 VAC

(Class 2 with the use of a 150 W PA -2 Power Adapter)

Note

Conversion Kit consists of:

LC – Fixture, Mounting Adapters and separate Power Supply Unit

LV – Fixture with integral power supply, Mounting Adapters

Operating Conditions

Temperature: –55°C to +55°C

Humidity: 0 to 100% (including conditions where condensation takes place in the form of water or frost)

Altitude: 0 to 10,000 ft (3,000 m)

Wind: Velocities up to 75 knots (140 km/hr)



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Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.