

Hurricane 1000



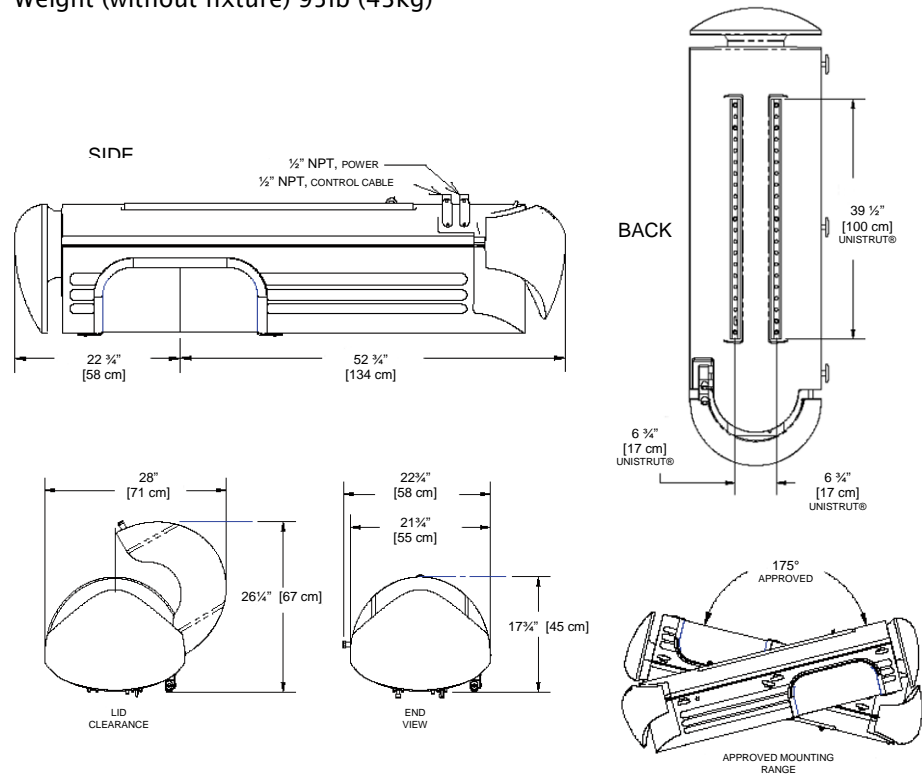
Hurricane protects your moving-mirror lights for use outside and in smoky or dusty environments. Hurricane provides a climate-controlled haven that extends equipment life and saves you money.

Hurricane 1000 is a purpose-built enclosure designed specifically for moving mirror luminaires. Intended for long-term and permanent installations, it is the optimal choice when elemental protection is needed in outdoor environments where minimum maintenance is required.

The enclosure itself is constructed from sturdy fiberglass composite with a full 150° by 80° glass projection window. Hurricane features the patented Digital Enclosure Control (DEC) System. By monitoring the enclosure's temperature, the DEC System controls humidity and dew point inside the enclosure, eliminating damage from condensation on the circuit boards and motors. The onboard ventilation system monitors the atmosphere in the enclosure, completely replacing the air when necessary; ensuring immediate reaction to any environment. Hurricane 1000 is a complete protection system that will reduce cost and maintenance and extend lamp and projector life.



Designed to Fit	Virtually all moving mirror fixtures up to 1200 watts.
Enclosure	Non-corroding fiberglass composite, stainless steel and aluminum
Mounting	Two parallel 1 5/8" x 13/16" Unistrut.
Finish	Urethane coating, to AAMA603-8 standard. Standard colors: beige, gray or white. Custom colors to special order.
Climate Control	Patented Digital Enclosure Control (DEC) System, microprocessor controller and display controls humidity and dewpoint.
Cooling	Filtered fresh air cooled using a dual-rated (200/300 CFM) fan, fused and polarity protected. Washable open-cell foam intake filter.
Heating	Proportionally controlled 750 watt heater coil dries intake air and provides up to 30°F temperature rise above ambient.
Protection	Projector over-temperature DPDT relay.
Diagnostics	Self-diagnostics of microprocessor inputs/outputs
Control Wiring	USITT DMX512 control wiring (cable not included)
Electrical	Feeder terminals hardwired on site Enclosure – hardwired on site, 200-240VAC, 50/60Hz, 5amps (max) Enclosure requires power 24/7 Projector – NEMA L6-20 receptacle provided for Projector power
Dimensions	Weight (without fixture) 95lb (43kg)



Shipping (crated)	81"x34"x24"(h), weight 240lb* - 206 x 86 x 61 cm, 109kg* * <i>Weights may vary, due to fittings required for different fixture types</i>
Ordering Information	The following information must be provided with each order: <ul style="list-style-type: none"> • Projector type, model number and lamp power • Base Color: White, Gray, Beige or Custom

Specification

Unit shall be a Tempest Lighting enclosure catalog number 1000. The housing shall be constructed from corrosion-resistant fiberglass, aluminum and stainless steel. Further, the unit shall possess filtered forced air ventilation in combination with heater and controlled by a microprocessor with a temperature display. Unit shall be ETL listed to U.L. standard 508 for wet locations and be a NEMA type 3R. The unit shall have above ground connection ports, compression latches with padlock rings, and may be secured to its mounting via stainless steel eye bolt, making it highly theft resistant. Unit shall provide a power cutoff to fixture in case of high temperature inside enclosure. Units shall control cool-down rate of projector by use of heater. Unit shall have a projection window with optically clear safety glass. The enclosure shall be identified as The Cyclone Enclosure manufactured by Tempest Lighting, Inc., of North Hollywood, California, USA.

Approvals



NEMA type 3R

ETL and cETL listed to UL Standard 508 (7/11/05), CE. NEMA Type 3R.

This product is covered by US Patent Number 6,352,358.

In the interest of continuous product improvement, specifications are subject to change without notice

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