

VL2000™ Wash Luminaire

PROGRAMMABLE FUNCTIONS		DESCRIPTIONS	
COLOR MIXING:	A fully crossfading CYM color system is included.	SOURCE:	700W Short Arc Lamp, 5600°K, 80CRI
FIXED COLOR WHEEL:	Provides 11 easily loaded positions for fixed dichroic color choices.	OUTPUT:	15,500 lumens.
BEAM SIZE CONTROL:	A zoomable beam spreader mechanism provides continuous beam size control for both rapid changes and smooth timed beam angle changes.	POWER REQUIREMENTS:	Standard AC power distribution from 90-264 VAC, 50/60 Hz. The unit requires 4 to 12 A depending on the AC supply voltage.
INTENSITY CONTROL:	Full field dimming designed for both smooth timed fades and strobe effects.	REFLECTOR:	Precision glass reflector with dichroic cold mirror coating.
PAN AND TILT:	Smooth, time-controlled continuous motion by way of a three-phase stepper motor system.	OPERATIONAL TEMPERATURE:	-20° to 122°F (-29° to 50°C)
RANGE:	Pan - 540°, Tilt - 270°.	COOLING:	Forced air cooling.
ACCURACY:	0.3° resolution.	CONTROL:	Completely compatible a wide variety of DMX consoles.
		MOUNTING POSITION:	The VL2000 Wash luminaire can be mounted and operated in any orientation.
		SPACING:	Hangs on 19 in. (48.3 cm) centers.
		WEIGHT:	55 lbs (25 kg).

SPECIFICATIONS

The unit is an integrally designed, remote-controlled, motorized wash luminaire. The head, yoke and enclosure housings are constructed of aluminum alloy and steel for lightweight strength and durability. Virtually silent fans provide forced-air cooling for internal components. The rear cap is removable, providing easy access to the lamp for replacement.

A single AC input cable along with two, five-pin DMX-512 compatible connectors (in and through) are provided. The unit can be controlled by a wide variety of DMX-512 consoles. In addition, a built-in Master/Slave function enables operation of multiple luminaires without a control console.

Each unit is equipped with multiple on-board processors providing diagnostic and self-calibration functions as well as internal test routines and software update capabilities.

The unit contains two independent three-phase stepper motors to provide movement of the head through 540° in the horizontal plane (pan) and 270° in the vertical plane (tilt). The pan and tilt mechanisms are belt-driven, providing positional resolution and repeatability of 0.3° on either axis.

A color mixing system using three color wheels is provided for a broad range of user color selection. The color system is capable of color changes in .29 seconds. In addition to the CYM system, a fixed color wheel with 11 discrete colors is included for specific color requirements and snap color changes in .14 seconds.

The unit contains an aluminum dimmer blade that provides full field dimming and allows for smooth timed fades and fast blackouts, as well as variable strobe effects. The dimmer/strobe mechanism is capable of movement from fully open to fully closed in less than .080 seconds and provides a dimmable strobe rate of up to 8 Hz. The unit is equipped with a zoomable beam spreader that allows continuous field angles from 12° to 57° in less than 1.8 seconds.

The unit is ETL and ETLc certified and CE-marked. Exterior finish is black.

ACCESSORIES

71.2528.0700 700 Watt Short Arc Lamp

22.9620.0194 Safety Cable Assembly

55.6840.0001 Truss Hook, Mega-Clamp (Round and Square)

55.6841.0001 Truss Hook, Mega-Claw (for 2" Round Tube)