

POWERHOUSE™ PH3000 SERIES METAL HALIDE ILLUMINATORS

DISCONTINUED - LIMITED PARTS AVAILABILITY

Project:

Type:

Catalog Number: **PH3000, PH3100**

System Component: **Illuminator**



- ◆ **150 Watt Metal Halide - ArcStream™**
- ◆ **ETL Listed for Dry and Wet Locations**
- ◆ **CSA Listed for Dry and Wet Locations**
- ◆ **CE Marked for Dry and Wet Locations**
- ◆ **Harness-Ready**
- ◆ **Long Lamp Life**
- ◆ **High Efficiency Source**

DESCRIPTION: The **PH3000 Metal Halide** harness-ready illuminator is the brightest in the PH Series of powerful, efficient Lumenyte light sources. It combines the intensity and long life of H.I.D. lamp technology, advanced reflector design and an optional color wheel. The color wheel can be stopped or run continuously or controlled via synchronization. The PH3000 series is designed for interior and exterior applications without additional enclosure requirements and stays cool to the touch with minimal light leakage. It requires a PHP- type harness for all applications except twinkle wheels, which use a PH- type harness, or a PS-HARN in stranded cable applications.

SPECIFICATIONS:

Housing Size	L: 11.75" (29.8 cm) W: 9.13" (23.2 cm) H: 7.13" (18.1 cm)
Housing Material	Glass Filled Polycarbonate
Lamp Type	Metal Halide High Intensity Discharge Arc Lamp
Lamp Reflector	Custom Designed Dichroic Glass
Lamp/Reflector Model Number	MHL-3000, MHL-4000, MHL-6000
Lamp Color Temperature	3000°, 4000° and 6000° K Available
Lamp Wattage	150 Watt (200 Input Watts Maximum for Illuminator)
Lumen Output	1,450 at 1' (30.5cm) test fiber; 2,155 at port
Rated Lamp Life	6,000 Hours (Average Manufacturer Specifications)
Power Consumption	1.55 Amps @ 120 V / 0.72 Amps @ 277 V / 0.74 Amps @ 240 V
Ballast	Regulated 150 Watt
Cooling Fan	105 C.F.M. Sealed Bearing Axial, less than 50 decibels
Weight	18 Pounds (8.2 Kilograms) without options
Fuse	Automatic Thermal Reset Type
Color Filters	Dichroic Glass
Harness Requirements	PHP - Large Core, PH - Twinkle Wheel, PS - Stranded

* Arcstream™ is a trademark of General Electric Company

LUMENYTE® INTERNATIONAL CORPORATION

74 Icon • Foothill Ranch, CA 92610 USA

EMAIL: licinfo@deltanet.com **WEBSITE:** www.lumenyte.com **TEL:** 949.829.5200 **FAX:** 949.829.5201

DCN 650027

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Ordering Information

SERIES	VOLTAGE	LAMP	HARNESS	COLOR	COLOR CONTROL
PH3000 60 Hz PH3100 50 Hz					
	PH3000:				
	-120	120 VAC			
	-208	208 VAC			
	-240	240 VAC			
	-277	277 VAC			
	PH3100:				
	-220	220 VAC			
	-230	230 VAC			
	-240	240 VAC			
	-250	250 VAC			
		-3 3000° Kelvin			
		-4 4000° Kelvin			
		-6 6000° Kelvin			
			- H Harness-Ready		
				-L	White Light Only (no color wheel or color wheel motor)
				-CW	Standard Color Wheel (four-part: amber, lime green, blue, red)
				-P	Pool Color Wheel (four-part: white, dark green, light blue, blue-magenta)
				-C4	Custom Color Wheel (Select four: any color listed above and/or aqua, dark orange, violet, yellow)
				-C8	Custom Color Wheel (Select eight colors)-not available in -CSC
				-TW1-PH1	Twinkle Wheel for Large Core Fiber only
				-TW1-PH2	Twinkle Wheel for PMMA Fiber in Powerhouse™ Series Illuminators
					-CSC Color Synchronization Control System/ 120V / 240V (-M master unit required; -S up to ten slave units per master unit. See CSC page for further details)
					See Color Wheel pages for more details

EXAMPLE:					
PH3000 - 208 - 4 - H - CW - CSC - M					
SERIES	VOLTAGE	LAMP	HARNESS	COLOR	MASTER
					COLOR CONTROL

Notes

- PH illuminators are air cooled. When installed, adequate ventilation must be provided. If the illuminator is to be enclosed, install the LIC Exhaust Duct (DUCT-PH).
- Lamp is extremely hot to the touch. Handle by reflector edges only. Damage can occur from the natural oils of hands.
- Fiber(s) should exit illuminator straight for at least 12" before large bends. Splice to harness fiber should occur on STRAIGHT portion of fiber, not on bend.
- Allow 3 to 5 minutes to restart unit after turning it off or after power outage condition.
- PH3000 illuminators cannot be electrically dimmed. Use ENCORE SERIES Illuminator with DMX.
- Mount on horizontal plane with aperture sideways or mount vertically with aperture downward. Do not mount with aperture upward.