

# PowerMAX™ 450

## LED Blue Light Flood Panel Lamp

PM-1600B

- ▶ Nominal steady-state blue light (450 nm) intensity of **10,000  $\mu\text{W}/\text{cm}^2$**  at 15 in (38 cm)
- ▶ 16 powerful LEDs blue light (450 nm)
- ▶ Stationary light source can be installed overhead or in-line, and can be ganged together to provide an even wider coverage area.



**Very Broad Coverage Area**



**Cool Running**

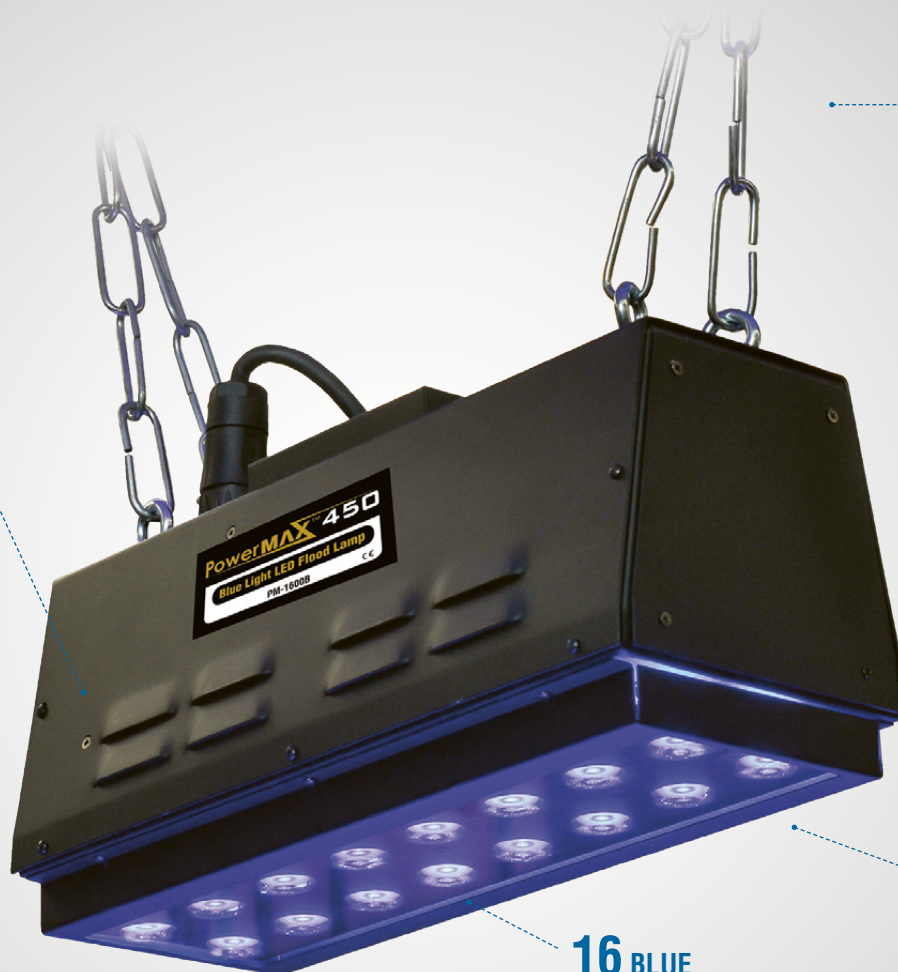


**Large Parts Inspection**



**Customizable/  
Gangable**

**BUILT-IN FANS**  
Maintain optimum light output



**EASILY MOUNTABLE**  
For overhead inspection or in-line applications

**16 BLUE LIGHT LEDs**  
Provide large area of coverage

**PATENTED, THIN-FILM DICHROIC LENS**  
Improve contrast and fluorescent response



# PowerMAX™ 450 PM-1600B

MODEL	NOMINAL STEADY-STATE BLUE LIGHT INTENSITY at 15 in (38 cm) ①	BLUE LIGHT COVERAGE AREA at 15 in (38 cm) at minimum 2,000 μW/cm²	VISIBLE LIGHT MEASUREMENT
PM-1600B	10,000 μW/cm²	18 x 8 in (46 x 20 cm)	< 1 foot-candles (11 lux)

<b>Light Sources:</b>	16 Blue light (450 nm) LEDs
<b>Dimensions: (L x W x H)</b>	5.5 x 13.75 x 6 in (14 x 35 x 15 cm)
<b>Weight:</b>	9 lbs (4 kgs)
<b>Power Requirements:</b>	AC power (main AC power cord supplied with the unit) (Available in 120V, 230V, 240V and 100V versions)
<b>Cooling System:</b>	Built-in fans
<b>Lamp Style:</b>	Panel flood lamp

① Blue Light intensity reading taken with the Spectroline® AccuMAX™ Series meter, and is factory set to the value shown.



For applications requiring extremely large coverage areas, the PowerMAX™ 450 can be quickly ganged together longitudinally (left) or back-to-back (right) using customized, easy-to-install connecting plates and brackets.



## Replacement Parts and Accessories

IMAGE	PART #	DESCRIPTION	IMAGE	PART #	DESCRIPTION
	127918	Particulate air filter		CP-200	Top connecting plate for ganging lamps back-to-back (2 required)
	127935	Retainer LED assembly faceplate		CP-300	Side connecting bracket for ganging lamps longitudinally (2 required)
	128177	AC power cord		DF-450PM	Dichroic filter assembly
	CC-200	Connector cable for ganging lamps		UVS-40	Fluorescence-enhancing spectacles, yellow
	CP-100	Top connecting plate for ganging lamps longitudinally			

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