

## COLORWASHER 252



### General Description:

WDM Colorwasher 252 is a stylish, compact wall-washing light that generates rich, uniform colors and color changing effects. 252 10mm RGB LED's provide a extremely bright cast of light designed for interior wall washing applications.

### Specification:

<b>High Power LEDs:</b>	84 red, 84 blue, 84 green
<b>Voltage:</b>	120V 60Hz
<b>Power Consumption:</b>	34W
<b>Dimensions:</b>	18.11" x 7.8" x 4.9" *not including hanging bracket
<b>Weight:</b>	11 lbs.
<b>Optical System:</b>	252 10mm Ultra Bright LEDs
<b>Lamp Life:</b>	50,000 Hours
<b>Degree Wash:</b>	25 degree
<b>Sound Activated:</b>	Yes
<b>Indoor Rated:</b>	Yes
<b>Outdoor Rated:</b>	Yes
<b>Dimmer/Strobe:</b>	Strobe effect with a maximum flash rate of 0-18 fps.
<b>Pre-programmed effects:</b>	Solid color, multi-color, color wash
<b>Electronic Dimming:</b>	0-100%
<b>Rigging:</b>	Hanging Yoke with Clutch

### Control Features:

4 DMX Channels

Set of 10 dip switches for addressing fixtures

3-pin XLR serial input/output

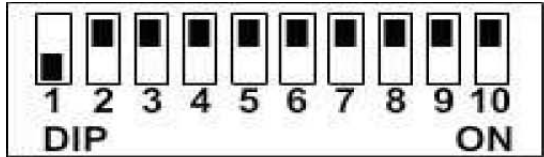
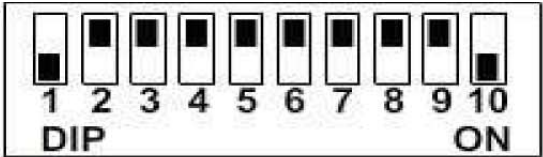
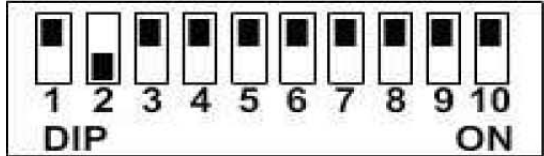
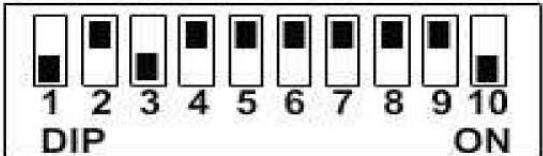
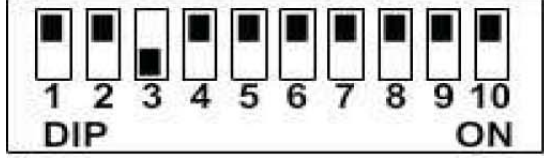
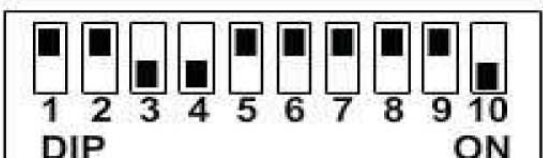
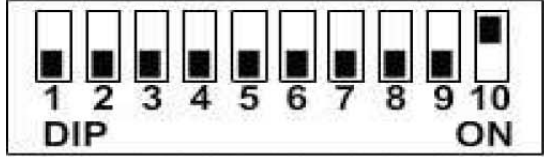
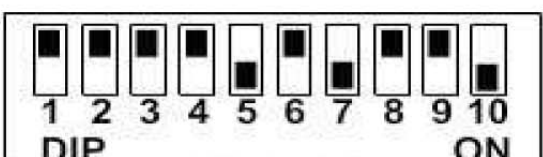
### RGB - Additive Color Mixing:

The RGB color mixing system is based on graduated red, green and blue LEDs. A continuous range of colors may be achieved by varying the amount of intensity from 0 to 100%.

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### DMX Addressing

1. Be sure to set all the dip switches DOWN except for 10. This will put the fixture in DMX mode.
2. Each dip switch corresponds with the number below the dip switch panel.
  - For each dip you have set in the DOWN position, that dip's number is marked **RED** in the chart below. If you have more than one dip switch down, add the numbers together to get your DMX address.

 <p><b>Red</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>	 <p><b>DMX: Address 1</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>
 <p><b>Green</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>	 <p><b>DMX: Address 5</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>
 <p><b>Blue</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>	 <p><b>DMX: Address 12</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>
 <p><b>Sound Active</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>	 <p><b>DMX: Address 80</b></p> <p>DIP ON</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>1 2 4 8 16 32 64 128 256</p>

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## DMX Addressing

Mode	Dip 1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9	Dip10	Function
Auto Run	0	0	0	0	0	0	X	X	0	0	Color changing and color fading Select running speed via dip7, dip 8
(Master projector)	X	X	X	X	X	X	0	0	0	0	Static color and flash Select static color via dip1 ~dip3 (separately for R.G.B) select flash speed via Dip4~dip6
Sound Activated (Master projector)	X	X	X	X	X	X	X	X	1	0	Change color via sound activated
DMX	X	X	X	X	X	X	X	X	X	1	DMX mode CH1→R CH2→G CH3→B CH4→Dimmer CH5→flash
Other	1	0	0	0	0	0	0	0	0	1	1. DMX address is 1 when in DMX mode 2. As Slave projector when in M/S mode
	0	0	0	0	0	0	0	0	0	1	Black out

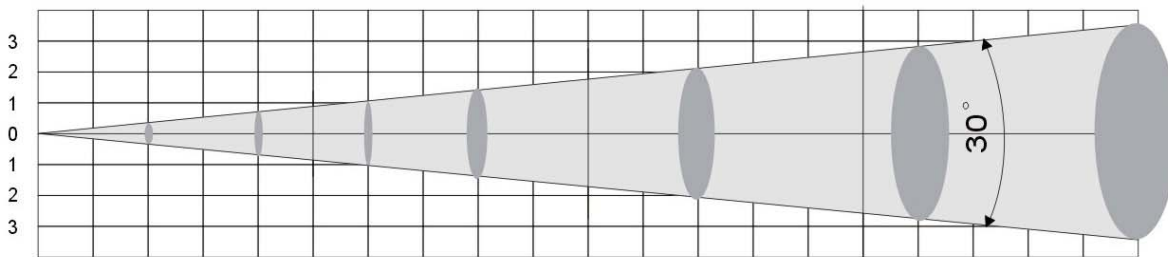
## DMX Value/Function:

CHANNEL	VALUE	FUNCTION
CH1	000-255	RED
CH2	000-255	GREEN
CH3	000-255	BLUE
CH4	000-255	DIMMER
	0-10	No function
CH4	11-255	Strobe slowest to fastest flash frequency is 0.5HZ-30HZ

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### Photometric

R	578	— 293	— 146.1	— 85.4	— 39.3	— 21.4	— 13.1	lux
G	1265	— 595	— 288	— 154.6	— 80.1	— 44.5	— 24.7	lux
B	1610	— 832	— 437	— 277	— 134.9	— 75.3	— 39.9	lux
RGB	2530	— 1147	— 515	— 352	— 173	— 93.1	— 61.6	lux



1.64'	— 3.28'	— 4.92'	— 6.56'	— 9.84'	— 13.11'	— 16.39'	Distance(Feet)
0.5	— 1	— 1.5	— 2	— 3	— 4	— 5	Distance(Meters)
1.39'	— 2.79'	— 4.18'	— 5.57'	— 8.36'	— 11.15'	— 13.93'	Diameter(Feet)
0.425	— 0.85	— 1.275	— 1.7	— 2.55	— 3.4	— 4.25	Diameter(Meters)