

## LED PAR 38

**General Description:**

The Led Par 38 Light has infinite RGB color mixing capability and has 75 high power 10mm LED's. It is ideal for stage and indoor architectural applications and offers the following features. The Par 38 can be controlled using the Dip Switch panel located on the back or DMX controlled.

**Specification:**

<b>Size:</b>	3.7" x 6" x 5.11"
<b>Weight:</b>	5 lbs.
<b>Power Output:</b>	AC 120V/240V, 60HZ/50HZ
<b>Wattage:</b>	Wattage 9W
<b>LED's:</b>	75 RGB
<b>Sockets:</b>	3 pin female XLR socket and 3 pin male XLR socket
<b>Microphone:</b>	Built-in
<b>Life Span:</b>	>=80000 hours.

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### Dip Switch Diagrams:



Dip Switch.



Mode	Dip 1	Dip2	Dip3	Dip4	Dip5	Dip6	Dip7	Dip8	Dip9	Dip10	Function
Auto Run (Master projector)	0	0	0	0	0	0	X	X	0	0	Color changing and color fading Select running speed via dip7, dip 8
Sound Activated (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
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

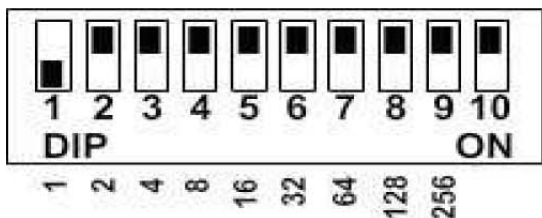
### DMX Value/Function:

CHANNEL	VALUE	FUNCTION
CH1	000-255	RED
CH2	000-255	GREEN
CH3	000-255	BLUE
CH4	000-189	DIMMER
	190-250	Flash
CH4	251-255	No Function

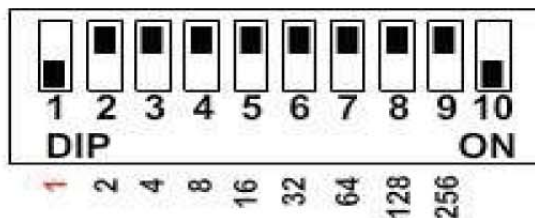
## LED PAR 38

### DMX Addressing

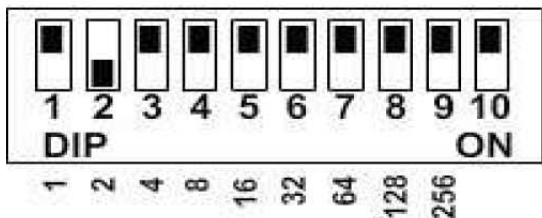
1. Be sure to set all the dip switches DOWN except for 10. This will put the fixture in DMX mode.
2. Each dip switch corresponds with the number below the dip switch panel.
  - For each dip you have set in the DOWN position, that dip's number is marked **RED** in the chart below. If you have more than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



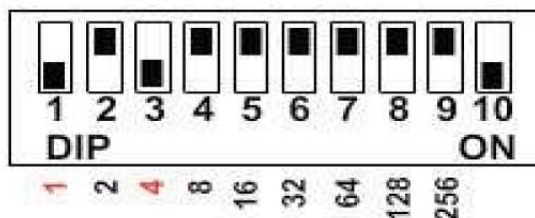
Red



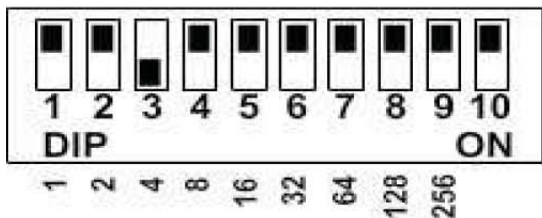
DMX:  
Address  
1



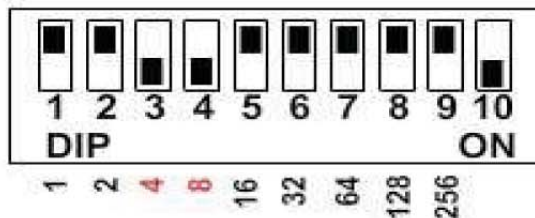
Green



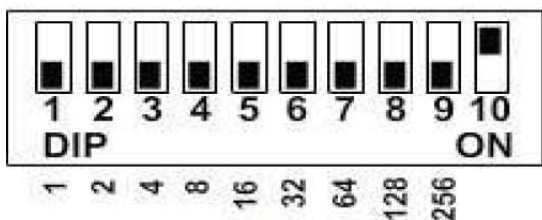
DMX:  
Address  
5



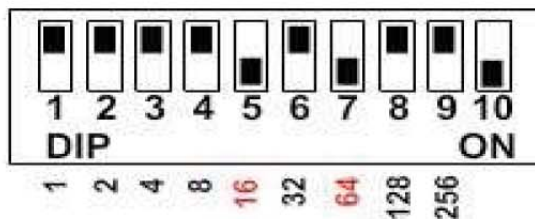
Blue



DMX:  
Address  
12



Sound  
Active



DMX:  
Address  
80

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### Key Features:



#### CONTROL FEATURES

- 4 DMX Channels
- Remote control addressing of fixtures.
- 3-pin XLR serial input/output

#### OPTICAL SYSTEM

- 183 10mm Ultra Bright LED's
- 61 Red, 61 Green, 61 Blue
- 50,000 Lamp life
- 25 Degree Spot
- Optional 40 Degree lens

#### RGB - ADDITIVE COLOR MIXING

- The RGB color mixing system is based on graduated Red, Green, and Blue LED's
- A continuous range of colors may be achieved by varying the amount of intensity from 0 to 100%

#### DIMMER/STROBE

- Electronic Dimming: 0 - 100%
- Strobe-effect with a maximum flash rate of 0 - 18fps
- Pre-programmed effects: solid color, multi-color, color-wash

#### BUILT IN FEATURES

- Stand alone mode with color fade setting
- Master Slave mode
- Built in Color Macros

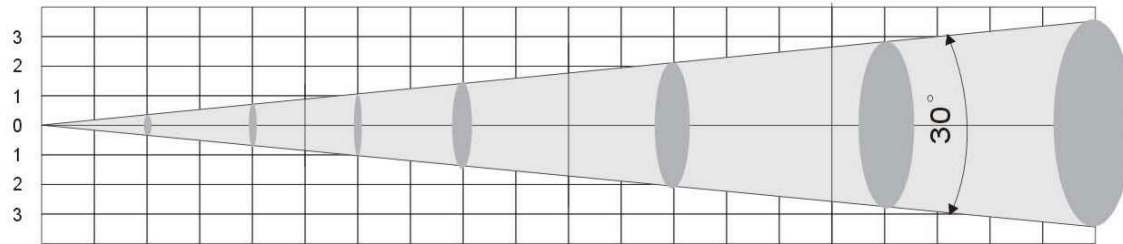
#### RIGGING

- Hanging Yoke with Clutch

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### Photometric

R	857	— 286	— 137	— 82	—	38	—	23	—	13	lux
G	1361	— 538	— 262	— 152.5	—	74.1	—	42.3	—	26.3	lux
B	1489	— 592	— 353	— 164.5	—	82.2	—	52.1	—	27.3	lux
RGB	3080	— 1078	— 415	— 281	—	137	—	78.6	—	49	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)