



# LED PAR CAN

SRL-6043-2(L/S), SRL-6079-2(L/S), SRL-6044-2(L/S),  
SRL-6078-2(L/S), SRL-6042-2, SRL-6041-2



# USER MANUAL

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# READ FIRST

## Enclosures

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- Your box may include any one of the following item numbers; SRL-6043-2(L/S), SRL-6079-2(L/S), SRL-6044-2(L/S), SRL-6078-2(L/S), SRL-6042-2, SRL-6041-2
- Warranty Card
- Users Manual

## Unpacking Instructions

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Immediately upon receiving a product, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

## AC Power

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To determine the power requirements for a particular product, see the label affixed to the back plate of the product or refer to the product's specifications chart. A product's listed current rating is its average current draw under normal conditions. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch. Before applying power, check that the source voltage matches the product's requirement. Check the product or device carefully to make sure that if a voltage selection switch exists that it is set to the correct line voltage you will use.

## Safety Instructions

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- ❖ Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- ❖ Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on decal or rear panel of the fixture.
- ❖ This product is intended for indoor use only!
- ❖ To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- ❖ The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ❖ Always disconnect from power source before servicing or replacing lamp or fuse and be sure to replace with same lamp source.
- ❖ Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- ❖ Maximum ambient temperature is  $T_a: 40^\circ$ . Do not operate fixture at temperatures higher than this.
- ❖ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- ❖ Don't connect the device to a dimmer pack.
- ❖ Make sure power cord is never crimped or damaged.
- ❖ Never disconnect power cord by pulling or tugging on the cord.
- ❖ Avoid direct eye exposure to lamp while it is on.



# INTRODUCTION

## Product Features

### CONTROL

- 6-channel DMX-512 LED par can
- Built-in color change programs

### FEATURES

- Ultra bright LED's
  - SRL-6041-2** (LED38 Par38): 138 1/4W LEDs (R60, G42, B36)
  - SRL-6042-2** (LED46 Par46): 152 1/4W LEDs (R65, G48, B39)
  - SRL-6043-2** (LED56 Par56): 174 1/4W LEDs (R75, G54, B45)
  - SRL-6044-2** (LED64 Par64): 190 1/4W LEDs (R80, G66, B44)
  - SRL-6079-2** (LEDSP56 Par56): 107 1/2W LEDs (R50, G33, B24)
  - SRL-6078-2** (LEDSP64 Par64): 116 1/2W LEDs (R50, G39, B27)
- RGB color mixing
- Up to 50,000-hour LED life span
- Master/Slave mode
- Selectable colors with or without controller
- RGB color mixing

### OPTIONS

- Programmable: Any universal DMX-512 controller

For complete product features and specifications look in the Appendix section under Technical Specifications.

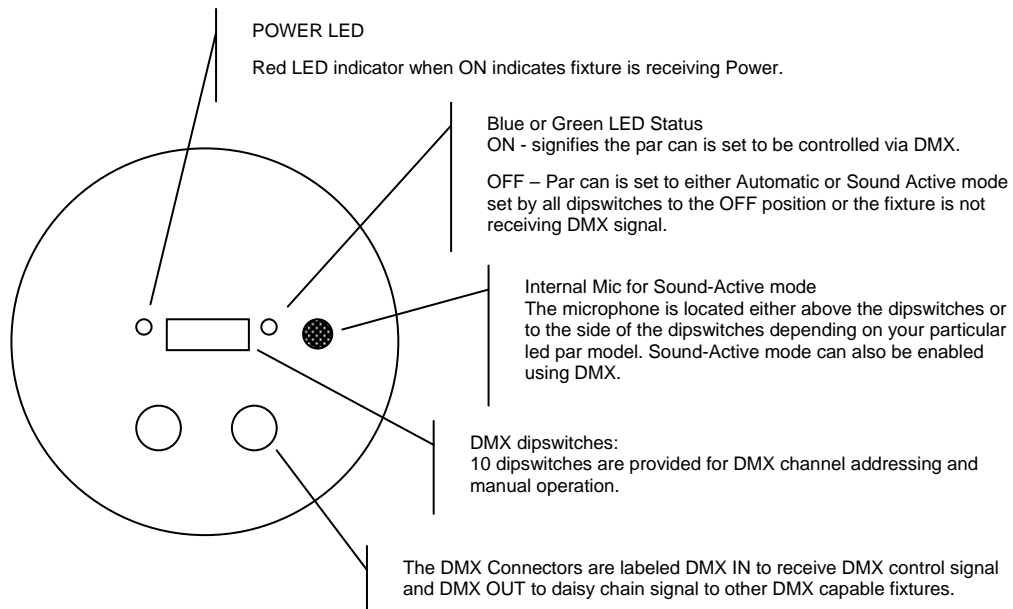
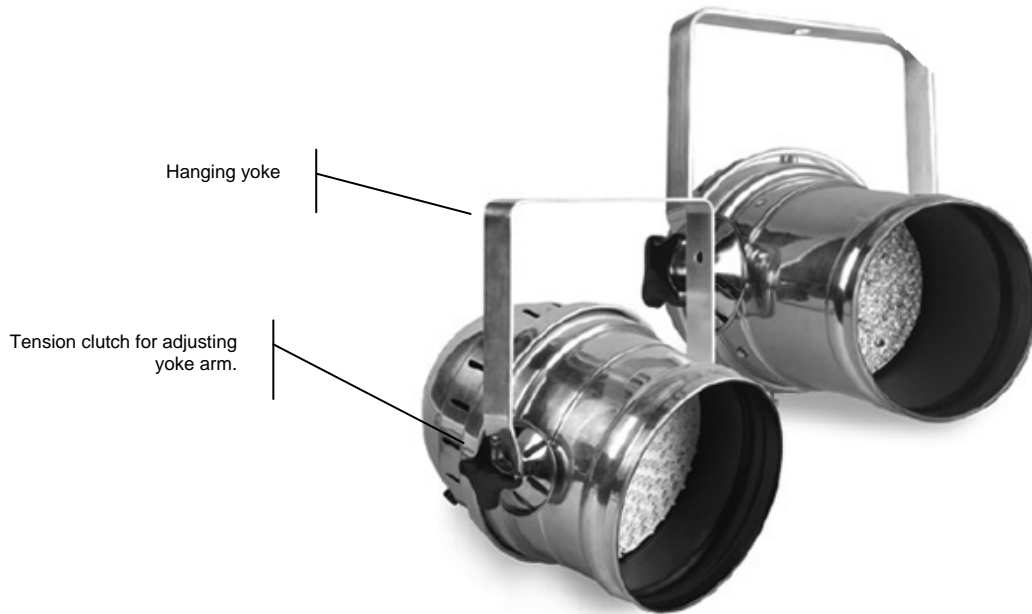
## DMX Channel Summary

CHANNEL	INTENSITY CONTROL OF
1	Red
2	Green
3	Blue
4	Color Macros
5	Strobe/Speed
6	Programs

For a detailed chart of DMX values look in the Appendix section of this manual.

## Product Overview

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# SETUP

## Power

- To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixture's specifications chart.
- A fixture's listed current rating is its average current draw under normal conditions.
- All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.
- Before applying power to a fixture, check that the source voltage matches the fixture's requirement.
- All fixtures must be connected to circuits with a suitable Earth Ground.

## Power Cable Configuration

CABLE	PIN	INTERNATIONAL
BROWN	Live	L
BLUE	Neutral	N
YELLOW/GREEN	Earth	EG (Ground)

## Mounting

### Orientation

This fixture can be mounted on a truss using a clamp in any position.

Hanging Clamp



### Rigging

The fixture includes a mounting yoke to which 1 rigging clamp can be bolted.

1. Align the clamp screw with the center hole on the yoke and tighten.
2. Verify the structure can hold 10 times the weight of all to-be installed fixtures.
3. Adjust the angle on the yoke arm as necessary.
4. Make sure your outlet has power.
5. Focus or point the light or fixture in the direction you wish to aim.
6. Follow the operating instructions.
7. Call your authorized Dealer if you need friendly advice and technical assistance.



# OPERATING INSTRUCTIONS

This LED Par Can is a DMX-512 controllable, full RGB color mixing par can made up of highly efficient bright LEDs. All red, green and blue LEDs can be controlled separately allowing the creation of an unlimited range of colors.

The LED Par Can will operate in Stand-Alone, Master/Slave and via DMX-512 control utilizing 6 DMX channels.

## Master/Slave Mode

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The Master/Slave mode will allow you to link up to as many units you want in a daisy chain fashion. In this mode, the first unit in the daisy chain will automatically command all other units following.

1. Connect all units in a daisy chain fashion as described in the section following.
2. Slave fixtures must have all dipswitches set to the OFF position.
3. Use the Manual Dipswitch Options as described in the chart below to set the desired effect.

### **OPTIONS**

- Manual RGB Color Control
- Auto timed internal color changing programs
- Sound activated color changing programs

### ***Daisy Chain Connection***

If you are operating more than one par can and would like to daisy chain or (master/slave) the operation, proceed by daisy chaining your fixtures.

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

## Manual Control Mode

---

The manual control options provide a very convenient method for operating the unit without a controller.

### ***RGB Color Mix***

With all dipswitches 8, 9 and 10 set to the ON position, dipswitches 1 through 6 will control 3 levels of intensity for red, green and blue leds.

This allows you to statically set a color of preference without the use of a controller. By setting different intensities for all 3 led colors you can compose a color of your choice.

Dipswitch Settings Table on the following page . . . . .



Dipswitch Settings

COLOR INTENSITY	1	2	3	4	5	6	7	8	9	10	NOTES
Red @ 25%	↑										Dipswitches 8,9 & 10 must be set to the ON position as indicated by the ↑ symbol.
Red @ 50%		↑									
Red @ 100%	↑	↑									
Green @ 25%			↑								
Green @ 50%				↑				↑	↑	↑	
Green @ 100%			↑	↑							
Blue @ 25%					↑						
Blue @ 50%						↑					
Blue @ 100%					↑	↑					

**Auto Run Internal Programs**

Eight internal programs can be selected along with one of seven speeds.

Dipswitch Settings

INTERNAL PROGRAMS	1	2	3	4	5	6	7	8	9	10	NOTES	
1				<b>SPEED ADJUSTMENT SEE BELOW</b>								Dipswitch 10 must be set to the ON position as indicated by the ↑ symbol.
2	↑											
3		↑										
4	↑	↑										
5			↑									
6	↑		↑									
7		↑	↑									
8	↑	↑	↑									
<b>SPEED ADJUSTMENT</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>			
Fastest												
Fast				↑								
Medium					↑							
Medium/Slow				↑	↑							
Slow						↑						
Slowest				↑		↑						
No Cross Fade							↑					

**Sound Activated Internal Programs**

Eight internal programs can be selected.

Dipswitch Settings

SOUND ACTIVE PROGRAMS	1	2	3	4	5	6	7	8	9	10	NOTES
1											Dipswitch 7, 8 and 10 must be set to the ON position as indicated by the ↑ symbol.
2	↑						↑	↑		↑	
3		↑									
4	↑	↑									



5			↑							
6	↑		↑							
7		↑	↑							
8	↑	↑	↑							

## DMX Control Mode

Operating in a DMX Control mode environment gives the user the greatest flexibility when it comes to customizing or creating a show. In this mode you will be able to control each individual trait of the fixture and each fixture independently.

### Setting the DMX address

This DMX mode enables the use of a universal DMX controller device. Each fixture requires a "start address" from 1 to 511. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the start address. For example, a fixture that occupies or uses 7 channels of DMX and was addressed to start on DMX channel 100, would read data from channels: 100, 101, 102, 103, 104, 105 and 106. Choose start addresses so that the channels used do not overlap and notate the start address selected for future reference.

If this is your first time addressing a fixture using the DMX-512 control protocol than I suggest jumping to the Appendix Section and read the heading "DMX Primer". It contains very useful information that will help you understand its use.

Set the start address using the group of DIP switches located usually on bottom of the fixture. Each dip switch has an associated value. Adding the value of each switch in the ON position will provide the start address. Determining which switches to toggle ON given a specific start address can be accomplished in the following manner. By subtracting the largest switch value possible from the selected start address until zero is achieved.

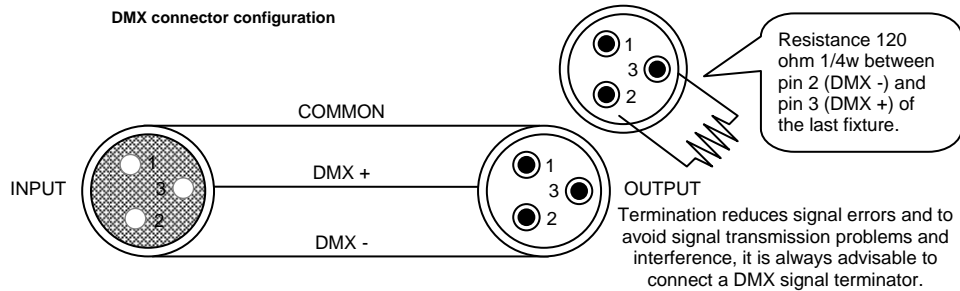
Example Starting Address																				
Address 10																				
Pin # 4 = 8																				
Pin # 2 = 2																				
Total = 10																				
Address 24																				
Pin # 5 = 16																				
Pin # 4 = 8																				
Total = 24																				
Resolving address using simple math. Address 233	$233 - (128) = 105$ , Turn ON Dip # 8 $105 - (64) = 41$ , Turn ON Dip # 7 $41 - (32) = 9$ , Turn ON Dip # 6 $9 - (8) = 1$ , Turn ON Dip # 4 $1 - (1) = 0$ , Turn ON Dip # 1	<table border="1"> <thead> <tr> <th>DIP SWITCH</th> <th>(DMX VALUE)</th> </tr> </thead> <tbody> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> <tr><td>4</td><td>8</td></tr> <tr><td>5</td><td>16</td></tr> <tr><td>6</td><td>32</td></tr> <tr><td>7</td><td>64</td></tr> <tr><td>8</td><td>128</td></tr> </tbody> </table>	DIP SWITCH	(DMX VALUE)	1	1	2	2	3	4	4	8	5	16	6	32	7	64	8	128
DIP SWITCH	(DMX VALUE)																			
1	1																			
2	2																			
3	4																			
4	8																			
5	16																			
6	32																			
7	64																			
8	128																			
	You will most likely use the first available number which maybe number 1. This number was selected for example purposes.																			

# APPENDIX

## DMX Primer

There are 512 channels in a DMX-512 connection. Channels may be assigned in any manner. A fixture capable of receiving DMX-512 will require one or a number of sequential channels. The user must assign a starting address on the fixture that indicates the first channel reserved in the controller. There are many different types of DMX controllable fixtures and they all may vary in the total number of channels required. Choosing a start address should be planned in advance. Channels should never overlap. If they do, this will result in erratic operation of the fixtures whose starting address is set incorrectly. You can however, control multiple fixtures of the same type using the same starting address as long as the intended result is that of unison movement or operation. In other words, the fixtures will be slaved together and all respond exactly the same.

DMX fixtures are designed to receive data through a serial Daisy Chain. A Daisy Chain connection is where the DATA OUT of one fixture connects to the DATA IN of the next fixture. The order in which the fixtures are connected is not important and has no effect on how a controller communicates to each fixture. Use an order that provides for the easiest and most direct cabling. Connect fixtures using shielded two conductor twisted pair cable with three pin XLR male to female connectors. The shield connection is pin 1, while pin 2 is Data Negative (S-) and pin 3 is Data positive (S+).



## Fixture Linking

**Note!**

**If you use a controller with a 5 pin DMX output connector, you will need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:**

**3 PIN TO 5 PIN CONVERSION CHART**

Conductor	3 Pin Female (output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data ( - ) signal	Pin 2	Pin 2
Data ( + ) signal	Pin 3	Pin 3
Do not use		Do not use
Do not use		Do not use



## DMX Channel Values

CHANNEL	VALUE	FUNCTION	NOTES
1	000 ⇔ 255	Red: ( 0% ~ 100% )	
2	000 ⇔ 255	Green: ( 0% ~ 100% )	
3	000 ⇔ 255	Blue: ( 0% ~ 100% )	
4	000 ⇔ 007	<b>Macro Colors (By LED levels)</b> Off	
	008 ⇔ 015	Red: 100%    Green: 20%    Blue:	
	016 ⇔ 023	Red: 100%    Green: 40%    Blue	
	024 ⇔ 031	Red: 100%    Green: 60%    Blue:	
	032 ⇔ 039	Red: 100%    Green: 80%    Blue:	
	040 ⇔ 047	Red: 100%    Green: 100%    Blue:	
	048 ⇔ 055	Red:            Green: 100%    Blue:	
	056 ⇔ 063	Red:            Green: 100%    Blue: 20%	
	064 ⇔ 071	Red:            Green: 100%    Blue: 40%	
	072 ⇔ 079	Red:            Green: 100%    Blue: 60%	
	080 ⇔ 087	Red:            Green: 100%    Blue: 80%	
	088 ⇔ 095	Red:            Green: 100%    Blue: 100%	
	096 ⇔ 103	Red:            Green:            Blue: 100%	
	104 ⇔ 111	Red: 20%        Green:            Blue: 100%	
	112 ⇔ 119	Red: 40%        Green:            Blue: 100%	
	120 ⇔ 127	Red: 60%        Green:            Blue: 100%	
	128 ⇔ 135	Red: 80%        Green:            Blue: 100%	
	136 ⇔ 143	Red: 100%       Green:            Blue: 100%	
	144 ⇔ 151	Red: 100%       Green: 25%        Blue: 100%	
	152 ⇔ 159	Red: 100%       Green: 50%        Blue: 100%	
	160 ⇔ 167	Red: 100%       Green: 75%        Blue: 100%	
	168 ⇔ 175	Red: 100%       Green: 100%       Blue: 100%	
	176 ⇔ 183	Red: 100%       Green: 100%       Blue: 25%	
	184 ⇔ 191	Red: 100%       Green: 100%       Blue: 50%	
	192 ⇔ 199	Red: 100%       Green: 100%       Blue: 75%	
	200 ⇔ 207	Red: 100%       Green: 100%       Blue: 100%	
	208 ⇔ 215	Red: 20%        Green: 100%       Blue: 100%	
216 ⇔ 223	Red: 40%        Green: 100%       Blue: 100%		
224 ⇔ 231	Red: 60%        Green: 100%       Blue: 100%		
232 ⇔ 239	Red: 80%        Green: 100%       Blue: 100%		
240 ⇔ 247	Red: 100%       Green: 100%       Blue: 100%		
248 ⇔ 255	Red: 50%        Green: 50%        Blue: 50%		
5	000 ⇔ 015	<b>Strobe or Speed</b> No Function	<b>Recommendation:</b> Set to High Speed when utilizing Intensity chase in Preset Programs
	016 ⇔ 255	Strobe or Speed: ( 0% ~ 100% )	
6	000 ⇔ 031	<b>Preset Programs</b> No Function – Dimming Control	<b>Intensity chases apply to Macro Colors</b>
	032 ⇔ 063	Low Intensity to High Intensity chase	
	064 ⇔ 095	High Intensity to Low Intensity chase	
	096 ⇔ 127	Low -> High -> Low Intensity chase	
	128 ⇔ 159	Color Mixing	
	160 ⇔ 191	3 Color Chase	
	192 ⇔ 223	7 Color Chase	
	224 ⇔ 255	Sound Active Mode	



## Returns Procedure

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Merchandise Authorization Number (RA #). Products returned without an RA # will be refused. Call **Irradiant™** at (909) 606-6818 and request RA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. **Irradiant™** reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

## Claims

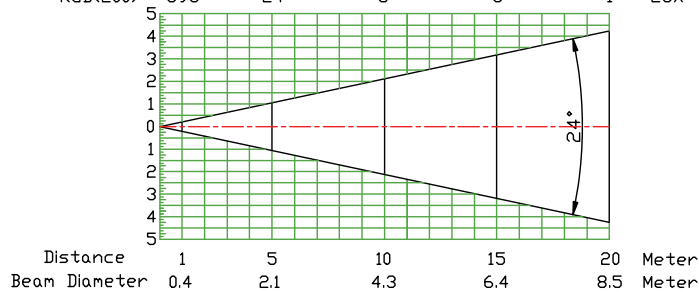
Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within seven (7) days of receiving merchandise.

## Photometric

### SRL-6044-2

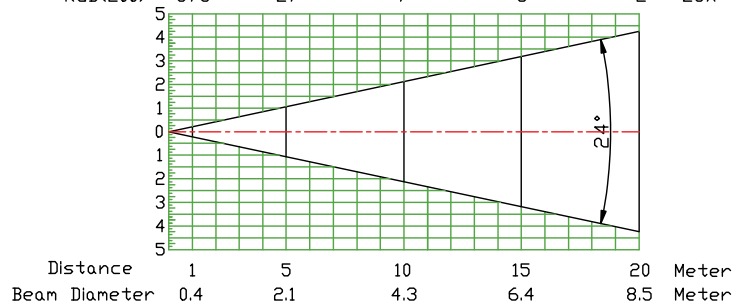
#### LED PAR64(SRL-6044L)

R(80)	150	7	3	2	0.8	LUX
G(66)	470	19	5	2	1	LUX
B(54)	111	4	2	0.5	0.2	LUX
RGB(200)	596	24	6	3	1	LUX



#### LED PAR64(SRL-6044S)

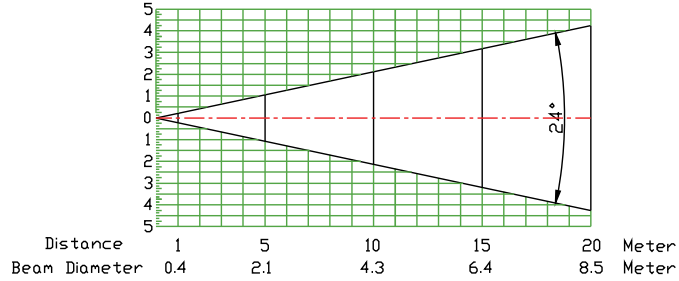
R(80)	112	4	1	0.6	0.3	LUX
G(66)	528	21	5	2	1	LUX
B(54)	115	4	1	0.5	0.2	LUX
RGB(200)	678	27	7	3	2	LUX



**SRL-6079-2**

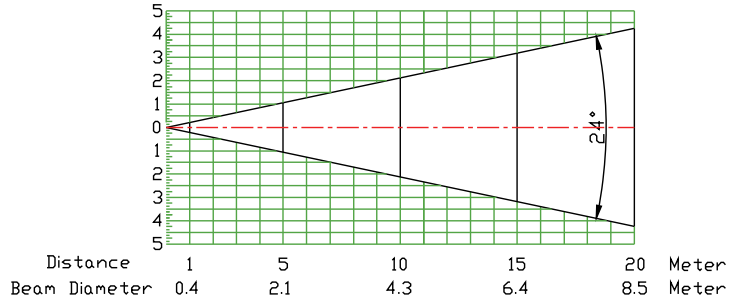
ø10 LED PAR56(SDDL-6079S)

R<50>	130	6	2	1	0.4	LUX
G<33>	625	28	7	4	2	LUX
B<24>	60	3	1	0.4	0.1	LUX
RGB<107>	700	30	8	3	2	LUX



ø10 LED PAR56L(SDDL-6079L)

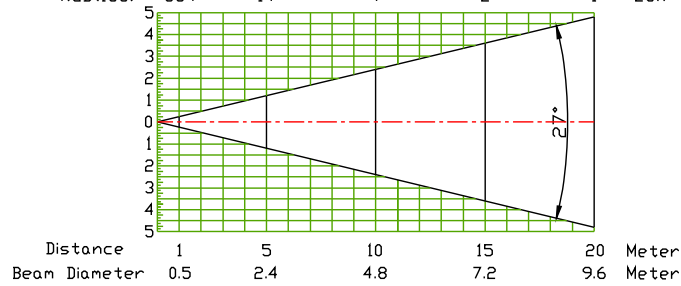
R<50>	118	5	1.4	1	0.4	LUX
G<33>	615	25	6	3	2	LUX
B<24>	44	2	1	0.4	0.1	LUX
RGB<107>	667	27	7	3	2	LUX



**SRL-6041-2**

LED PAR38(SRL-6041)

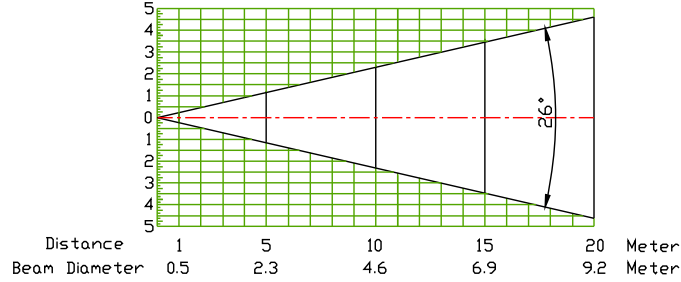
R<60>	76	3	1	0.4	0.2	LUX
G<42>	292	12	3	1	0.8	LUX
B<36>	70	3	1	0.4	0.1	LUX
RGB<138>	354	14	4	2	1	LUX



**SRL-6042-2**

LED PAR46(SRL-6042)

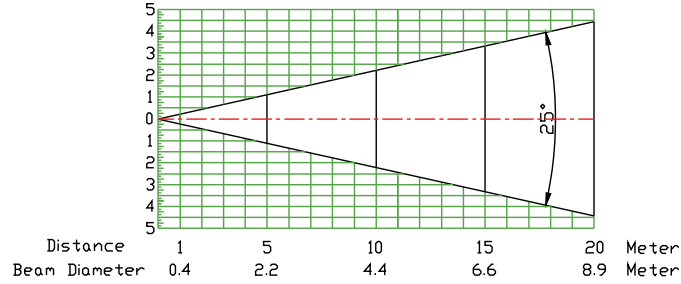
R<65>	141	6	2	1	0.4	LUX
G<48>	440	18	4	2	1	LUX
B<39>	104	4	2	1	0.5	LUX
RGB<152>	554	22	6	2	1	LUX



**SRL-6043L-2**

LED PAR56L(SRL-6043L)

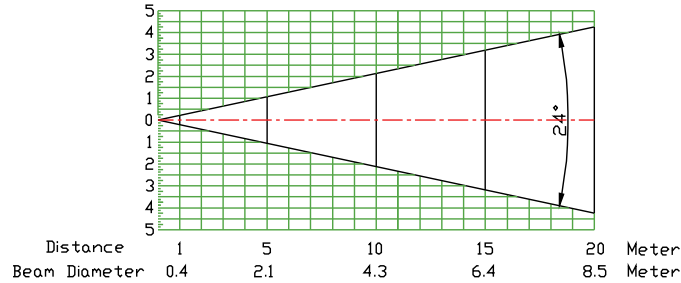
R<75>	141	6	2	1	0.5	LUX
G<54>	450	18	4	2	1	LUX
B<45>	108	4	2	1	0.6	LUX
RGB<174>	575	23	6	2	1	LUX



**SRL-6078L-2**

ø10 LED PAR64(SSDL-6078L)

R<50>	108	4	1	0.3	0.1	LUX
G<39>	495	20	5	2	1	LUX
B<27>	42	2	0.7	0.3	0.1	LUX
RGB<116>	554	22	6	2	1	LUX





## DMX Dipswitch Quick Reference Chart

DMX Address Quick Reference Chart													
Dip Switch Position													
DMX DIP SWITCH SET													
0=OFF 1=ON X=OFF or ON					#8	0	0	0	0	1	1	1	1
					#7	0	0	1	1	0	0	1	1
					#6	0	1	0	1	0	1	0	1
#1	#2	#3	#4	#5									
0	0	0	0	0		32	64	96	128	160	192	224	
1	0	0	0	0	1	33	65	97	129	161	193	225	
0	1	0	0	0	2	34	66	98	130	162	194	226	
1	1	0	0	0	3	35	67	99	131	163	195	227	
0	0	1	0	0	4	36	68	100	132	164	196	228	
1	0	1	0	0	5	37	69	101	133	165	197	229	
0	1	1	0	0	6	38	70	102	134	166	198	230	
1	1	1	0	0	7	39	71	103	135	167	199	231	
0	0	0	1	0	8	40	72	104	136	168	200	232	
1	0	0	1	0	9	41	73	105	137	169	201	233	
0	1	0	1	0	10	42	74	106	138	170	202	234	
1	1	0	1	0	11	43	75	107	139	171	203	235	
0	0	1	1	0	12	44	76	108	140	172	204	236	
1	0	1	1	0	13	45	77	109	141	173	205	237	
0	1	1	1	0	14	46	78	110	142	174	206	238	
1	1	1	1	0	15	47	79	111	143	175	207	239	
0	0	0	0	1	16	48	80	112	144	176	208	240	
1	0	0	0	1	17	49	81	113	145	177	209	241	
0	1	0	0	1	18	50	82	114	146	178	210	242	
1	1	0	0	1	19	51	83	115	147	179	211	243	
0	0	1	0	1	20	52	84	116	148	180	212	244	
1	0	1	0	1	21	53	85	117	149	181	213	245	
0	1	1	0	1	22	54	86	118	150	182	214	246	
1	1	1	0	1	23	55	87	119	151	183	215	247	
0	0	0	1	1	24	56	88	120	152	184	216	248	
1	0	0	1	1	25	57	89	121	153	185	217	249	
0	1	0	1	1	26	58	90	122	154	186	218	250	
1	1	0	1	1	27	59	91	123	155	187	219	251	
0	0	1	1	1	28	60	92	124	156	188	220	252	
1	0	1	1	1	29	61	93	125	157	189	221	253	
0	1	1	1	1	30	62	94	126	158	190	222	254	
1	1	1	1	1	31	63	95	127	159	191	223	255	

Dip Switch Position

DMX Address



## Technical Specifications

### **SRL-6041-2 LED Par38**

#### **WEIGHT & DIMENSIONS**

Dimensions..... 210mm Diameter by 300mm  
Weight ..... 1.6 Kgs (3.53 lbs)

#### **POWER**

AC Line..... 115V 60 Hz  
AC input..... Power cord attached  
Power Consumption ..... 13W

#### **LED**

Red.....60 leds, 5mm, .044W  
Green.....42 leds, 5mm, .064W  
Blue .....36 leds, 5mm, .064W  
Total of leds ..... 138

#### **PHOTO OPTIC**

Beam Angle ..... 27°  
Illuminance ..... (32.9 fc or 354 lux) @ 1 meter

#### **FUSE**

Main.....20mm Glass 2A 125V Fast Blow

### **SRL-6042-2 LED46 Par46**

#### **WEIGHT & DIMENSIONS**

Dimensions..... 210mm Diameter by 300mm  
Weight ..... 1.6 Kgs (3.53 lbs)

#### **POWER**

AC Line..... 115V 60 Hz  
AC input..... Power cord attached  
Power Consumption ..... 14W

#### **LED**

Red.....65 leds, 5mm, .044W  
Green.....48 leds, 5mm, .064W  
Blue .....39 leds, 5mm, .064W  
Total of leds ..... 152

#### **PHOTO OPTIC**

Beam Angle ..... 26°  
Illuminance ..... (51.5 fc or 554 lux) @ 1 meter

#### **FUSE**

Main.....20mm Glass 2A 125V Fast Blow

### **SRL-6043-2 LED56 Par56**

#### **WEIGHT & DIMENSIONS**

**SRL-6043L**..... 230mm Dia by 400mm      **SRL-6043S**..... 230mm Dia by 300mm  
Dimensions..... 230mm Dia by 400mm      Dimensions..... 230mm Dia by 300mm  
Weight ..... 2.4 Kgs (5.29 lbs)      Weight ..... 2.7 Kgs (5.95 lbs)

#### **POWER**

AC Line..... 115V 60 Hz  
AC input..... Power cord attached  
Power Consumption ..... 15W



**LED**  
 Red.....75 leds, 5mm, .044W  
 Green.....54 leds, 5mm, .064W  
 Blue.....45 leds, 5mm, .064W  
 Total of leds.....174

**PHOTO OPTIC**  
 Beam Angle..... 25°  
 Illuminance..... (53.4 fc or 575 lux) @ 1 meter

**FUSE**  
 Main.....20mm Glass 2A 125V Fast Blow

**SRL-6044-2 LED64 Par64**

**WEIGHT & DIMENSIONS**

**SRL-6044L-2**..... **SRL-6044S-2** .....  
 Dimensions..... 310mm Dia by 400mm Dimensions..... 310mm Dia by 300mm  
 Weight..... 2.8 Kgs (6.17 lbs) Weight..... 2.5 Kgs (5.51 lbs)

**POWER**

AC Line..... 115V 60 Hz  
 AC input.....Power cord attached  
 Power Consumption..... 17W

**LED**

Red.....80 leds, 5mm, .044W  
 Green.....66 leds, 5mm, .064W  
 Blue.....44 leds, 5mm, .064W  
 Total of leds..... 190

**PHOTO OPTIC**

**SRL-6044L-2**..... **SRL-6044S-2** .....  
 Illuminance.....(55.4 fc or 596 lux) @ 1 meter Illuminance..... (63 fc or 678 lux) @ 1 meter  
 Beam Angle..... 24°

**FUSE**

Main.....20mm Glass 2A 125V Fast Blow

**SRL-6079-2 LEDSP56 Par56**

**WEIGHT & DIMENSIONS**

**SRL-6079L-2**..... **SRL-6079S-2** .....  
 Dimensions..... 310mm Dia by 400mm Dimensions..... 310mm Dia by 300mm  
 Weight..... 2.7 Kgs (5.95 lbs) Weight..... 2.4 Kgs (5.29 lbs)

**POWER**

AC Line..... 115V 60 Hz  
 AC input.....Power cord attached  
 Power Consumption..... 13W

**LED**

Red.....50 leds, 10mm, .044W  
 Green.....33 leds, 10mm, .064W  
 Blue.....24 leds, 10mm, .064W  
 Total of leds..... 107

**PHOTO OPTIC**

**SRL SRL-6079L-2**..... **SRL-6079S-2** .....  
 Illuminance.....(65.1 fc or 700 lux) @ 1 meter Illuminance..... (62 fc or 667 lux) @ 1 meter  
 Beam Angle..... 24°

**FUSE**

Main.....20mm Glass 2A 125V Fast Blow



**SRL-6078-2 LEDSP64 Par64**

**WEIGHT & DIMENSIONS**

<b>SRL-6078L-2</b> .....	<b>SRL-6078S-2</b> .....
Dimensions..... 310mm Dia by 400mm	Dimensions..... 310mm Dia by 300mm
Weight ..... 2.7 Kgs (5.95 lbs)	Weight ..... 2.4 Kgs (5.29 lbs)

**POWER**

AC Line.....	115V 60 Hz
AC input.....	Power cord attached
Power Consumption .....	13W

**LED**

Red.....	50 leds, 10mm, .044W
Green.....	39 leds, 10mm, .064W
Blue .....	27 leds, 10mm, .064W
Total of leds .....	116

**PHOTO OPTIC**

<b>SRL SRL-6078L-2</b> .....	<b>SRL-6078S-2</b> .....
Illuminance .....(51.5 fc or 554 lux) @ 1 meter	Illuminance .....(51.5 fc or 554 lux) @ 1 meter
Beam Angle.....	24°

**FUSE**

Main.....	20mm Glass 2A 125V Fast Blow
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**ALL PAR CANS**

**CONTROL & PROGRAMMING**

Data input .....	locking 3-pin XLR male socket
Data output.....	locking 3-pin XLR female socket
Data pin configuration .....	pin 1 shield, pin 2 (-), pin 3 (+)
Protocols.....	DMX-512 USITT
DMX Channels .....	6

**ORDERING INFORMATION**

SRL-6041 .....	LED38 Par38
SRL-6042 .....	LED46 Par46

**Technical Support**

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For technical support email [info@irradianthq.com](mailto:info@irradianthq.com) or call you authorized dealer.