



# Panorama Led RGB



Panorama Led RGB - F008I101B

## Panorama Led RGB

### SPECIFICATIONS

RGB color mixing

Standard lens 12°

Electronic dimmer

Electronic strobe, synchronized, random, pulse effect

Weatherproof rating IP65

### PHYSICAL SIZE

Length: 232 mm (9.1 in)

Width: 338 mm (13.2 in)

Height: 116 mm (9.9 in)

Weight: 4.5 Kg (9.9 lbs)

### LIGHT SOURCE

36 LEDs, 12 Red, 12 Green, 12 Blue

### CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512A/1990

DMX channels: 6

Setting and addressing: binary dip switch or remotely

4 internal automatic programs

### ELECTRICAL SPECIFICATIONS/CONNECTIONS

AC power: 90-250 V, auto sensing, 50/60 Hz, 2 mt. (6.6 ft.) integral cable without power plug

Power consumption: 0.2 A at 230 V, 0.5 A at 115 V

DMX data in/out: 3 pin locking XLR

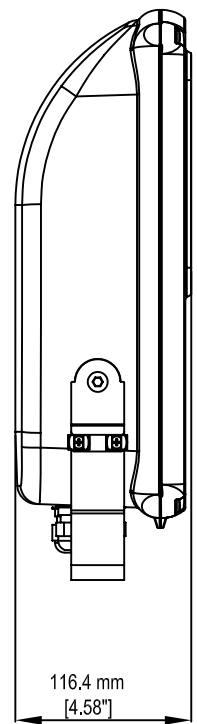
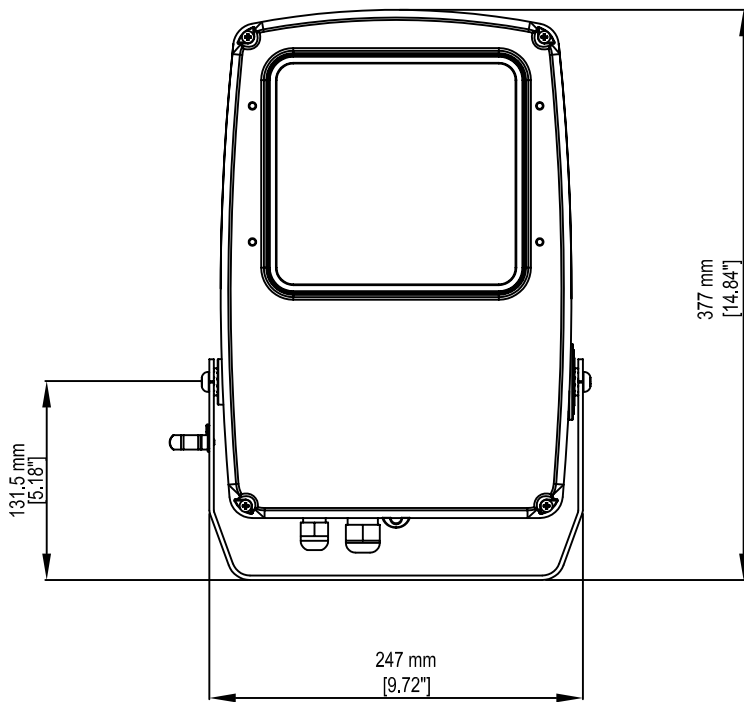
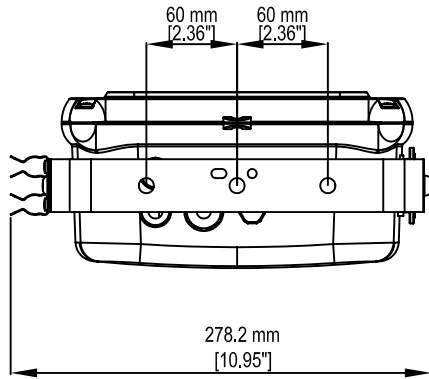
### AVAILABLE VERSION

Also available upon request with white LEDs

### ACCESSORIES

30° lens kit (# 9845)

50° lens kit (# 9167/3)



## Panorama Led RGB - DMX Charts

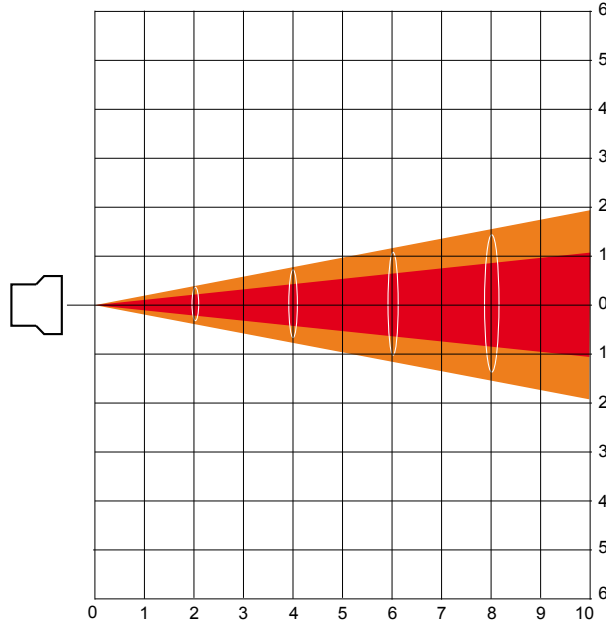
channel	function	type of control	effect	decimal	percentage
1	master dimmer	proportional	adjust luminous output intensity from 0 to 100%	0 - 255	0% - 100%
2	red	proportional	proportional control of the percentage of red colour from 0 to 100%	0 - 255	0% - 100%
2	speed	proportional	fade speed between colours from fast to slow (from 1 second to 1 minute)	0 - 255	0% - 100%
<b>Note 1: channel 2 has various functions depending upon the selection made on channel 6</b>					
3	green	proportional	proportional control of the percentage of green colour from 0 to 100%	0 - 255	0% - 100%
3	pause	proportional	control of the pause time between colours (steps); the pause time is adjustable proportionally from 1 second to 3.30 minutes	0 - 255	0% - 100%
<b>Note 2: channel 3 has various functions depending upon the selection made on channel 6</b>					
4	blue	proportional	proportional control of the percentage of blue colour from 0 to 100%	0 - 255	0% - 100%
5	strobe effect	step	no effect	0 - 9	0% - 4%
		proportional	variable speed strobing effect, from slow to fast	10 - 57	4% - 22%
		step	stop strobe	58 - 59	23% - 23%
		proportional	sequenced pulse effect, slow closing, fast opening (variable speed pulsing, from slow to fast)	60 - 108	24% - 42%
		step	stop strobe	109 - 110	43% - 43%
		proportional	sequenced pulse effect, fast closing, slow opening (variable speed pulsing, from slow to fast)	111 - 159	44% - 62%
		step	stop strobe	160 - 161	63% - 63%
		proportional	random strobe effect with variable speed from slow to fast and synchronised colours	162 - 207	64% - 81%
		step	stop strobe	208 - 209	82% - 82%
6	automated functions	step	no effect	0 - 9	0% - 4%
			automated program 1	10 - 50	4% - 20%
			automated program 2	51 - 91	20% - 36%
			automated program 3	92 - 132	36% - 52%
			automated program 4	133 - 173	52% - 68%
			random program repeat	174 - 214	68% - 84%
			repeat all programs in sequence	215 - 255	84% - 100%
<b>Note 3: pause and speed settings are added</b>					
<b>Projector: Panorama Led RGB</b>			<b>Table name: DMX 512 functions</b>		
<b>Table number: 254</b>		<b>Edition: 0</b>		<b>Date: 28/01/2005</b>	

# Panorama Led RGB - DMX Charts

dip-switches functions, for control of Panorama Led RGB										
dip-switch	function	dip-switch n°10 functions				dip-switch n°12 function				
		if 10 off		if 10 ON		if 12 ON and 10 OFF				
1	value 1	dmx channel 1	program 1 (only one program at a time may be selected)				dip-switch 1	dip-switch 2	dip-switch 3	<b>red channel</b>
							on	off	off	red channel luminous intensity 20%
2	value 2	dmx channel 2	program 2 (only one program at a time may be selected)				off	on	off	red channel luminous intensity 30%
							on	on	off	red channel luminous intensity 40%
3	value 4	dmx channel 4	program 3 (only one program at a time may be selected)				off	off	on	red channel luminous intensity 50%
							on	off	on	red channel luminous intensity 60%
4	value 8	dmx channel 8	program 4 (only one program at a time may be selected)				off	on	on	red channel luminous intensity 80%
							on	on	on	red channel luminous intensity 100%
5	value 16	dmx channel 16	time (wait time)				dip-switch 4	dip-switch 5	dip-switch 6	<b>green channel</b>
							on	off	off	green channel luminous intensity 20%
6	value 32	dmx channel 32	speed (fade time)				off	on	off	green channel luminous intensity 30%
							on	on	off	green channel luminous intensity 40%
7	value 64	dmx channel 64	speed (fade time)				off	off	on	green channel luminous intensity 50%
							on	off	on	green channel luminous intensity 60%
8	value 128	dmx channel 128	speed (fade time)				off	on	on	green channel luminous intensity 80%
							on	on	on	green channel luminous intensity 100%
9	value 256	dmx channel 256	run all programs in sequence				dip-switch 7	dip-switch 8	dip-switch 9	<b>blue channel</b>
							on	off	off	blue channel luminous intensity 20%
10	auto	Selects the master/slave function. If dip-switches from 1 to 9 are off, control is as slave. Selecting one of the programs from 1 to 4 or 9 of the dip switches, control is as master.				off	on	off	blue channel luminous intensity 30%	
						on	on	off	blue channel luminous intensity 40%	
11	test	Rapid test of the colours in sequence.				off	off	on	blue channel luminous intensity 50%	
						on	off	on	blue channel luminous intensity 60%	
12	light ON	The leds are on. The intensity is stepped through 7 levels set by combinations of the dip-switches. Dip-switches from 1 to 3 for red channel, dip-switches from 4 to 6 for green channel, dip-switches from 7 to 9 for blue channel.				off	on	on	blue channel luminous intensity 80%	
						on	on	on	blue channel luminous intensity 100%	
13	no function	No function.				on	on	on	blue channel luminous intensity 100%	
14	no function	No function.				on	on	on	blue channel luminous intensity 100%	
15	DR1	By-pass hardware information and allows dialog with the DR1.				on	on	on	blue channel luminous intensity 100%	
16	upload	Allows upload.				on	on	on	blue channel luminous intensity 100%	
dip-switch	function	functions when dip-switches in ON position				functions when dip-switches in OFF position				
10	auto	Selects the master/slave function. If dip-switches from 1 to 9 are off, control is as slave. Selecting one of the programs from 1 to 4 or 9 of the dip switches, control is as master.				operation via dmx				
11	test	Rapid test of the colours in sequence.				no function				
12	light ON	The leds are on. The intensity is stepped through 7 levels set by combinations of the dip-switches. Dip-switches from 1 to 3 for red channel, dip-switches from 4 to 6 for green channel, dip-switches from 7 to 9 for blue channel.				no function				
13	no function	No function.				no function				
14	no function	No function.				no function				
15	DR1	By-pass hardware information and allows dialog with the DR1.				no function				
16	upload	Allows upload.				no function				
<b>Note 1:</b> if dip switch 10 is ON no dmx signal is required for correct master/slave operation										
<b>Note 2:</b> if dip switch 10 is ON as at the same time as dip switch 12 is ON, dip switch 10 takes precedence										
<b>Note 3:</b> if dip switch 12 is ON at the same time as DMX, dip switch 12 takes precedence										
led	function	led ON		led OFF		flashing led				
green	power	present		absent		not required				
yellow	DMX state	dmx present but poor connection		DMX not connected		DMX ok				

### 12° Lenses

Distance (m)	1	2	3	4	5	6	7	8	9	10
Rad	6700	1675	744	419	268	186	137	105	83	67
Luminous efficacy (lm/w)	Green	16250	4063	1806	1016	650	451	332	254	201
	Blue	5325	1331	592	333	213	148	109	83	66
	White	28750	7188	3194	1797	1150	799	587	449	355
1/2 peak angle (m)	0.23	0.46	0.69	0.92	1.15	1.39	1.62	1.85	2.08	2.31
1/10 peak angle (m)	0.39	0.78	1.17	1.56	1.95	2.34	2.73	3.12	3.51	3.90

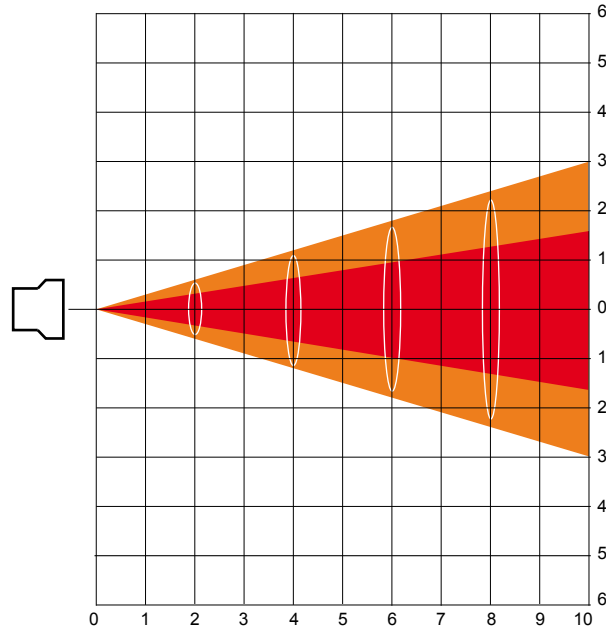


1/2 peak angle: 13°

1/10 peak angle: 22°

### 30° Lenses

Distance (m)	1	2	3	4	5	6	7	8	9	10
Rad	3050	763	339	191	122	85	62	48	38	31
Luminous efficacy (lm/w)	Green	6525	1631	725	408	261	181	133	102	81
	Blue	2025	506	225	127	81	56	41	32	25
	White	11750	2938	1306	734	470	326	240	184	145
1/2 peak angle (m)	0.32	0.64	0.96	1.28	1.61	1.93	2.25	2.57	2.89	3.21
1/10 peak angle (m)	0.60	1.19	1.79	2.38	2.98	3.57	4.17	4.76	5.36	5.95

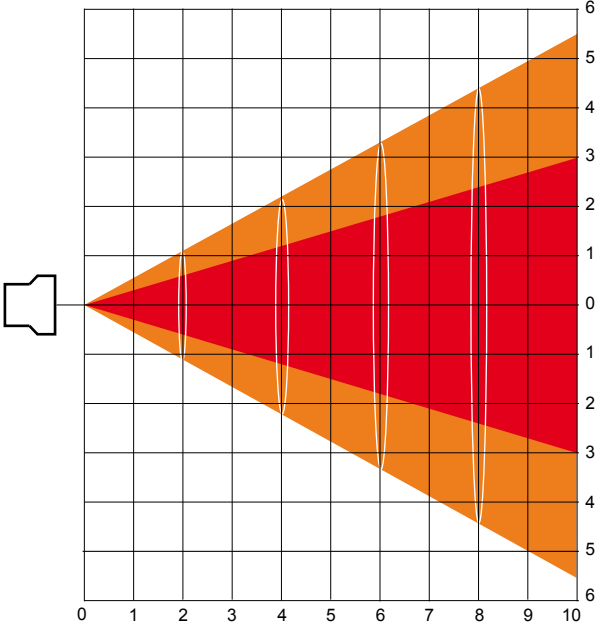


1/2 peak angle: 19°

1/10 peak angle: 36°

50° Lenses

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Foot	1240	310	138	78	50	34	25	19	15	12
Open	2176	544	242	136	87	60	44	34	27	22
Open	624	156	69	39	25	17	13	10	8	6
Open	3960	990	440	248	158	110	81	62	49	40
1/2 peak angle (m)	0.60	1.21	1.80	2.41	3.01	3.62	4.22	4.82	5.42	6.03
1/10 peak angle (m)	1.11	2.21	3.32	4.42	5.53	6.63	7.74	8.85	9.95	11.05



1/2 peak angle: 33°

1/10 peak angle: 56°



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