

Type	Voltage	Watts	Luminous efficacy (lm/W)	Luminous flux (lm)
Infinity 65	24	1.2	60	72
LED E10 - 32	24	0.7	60	42
LED E10 - 28	24	0.7	60	42
LED E10 - 22	24	0.7	60	42
LED E10 - 32	60	0.7	60	42
LED E10 - 28	60	0.7	60	42
LED E10 - 22	60	0.7	60	42
LED E14- 32	24	0.7	60	42
LED E14 - 28	24	0.7	60	42
LED E14 - 22	24	0.7	60	42
LED E14 - 32	60	0.7	60	42
LED E14 - 28	60	0.7	60	42
LED E14 - 22	60	0.7	60	42

Ride: Mega Disk'o 24						
	Lights	Type	Total Lumens	Optimal viewing Lumens	Approximate equivalent in 100W light bulbs	Approximate equivalent in 60W light bulbs
Gondola	1,280	Infinity 65	92,160	42,897	27	54
Track	1,472	Infinity 65	105,984	52,992	33	66
Notes:						
1. Track lighting is front and back. Only half of the lights are considered as optimal viewieg.						
2. Optimal viewing angle of gondola is taken from visible percentage from 100'. Percentage calculated by arc length of visible area/circumference.						
3. Calculation of optimal viewing takes into consideration the angle of view only. Lumens above refers to light emitted, not the amount of light that can be measured at a distance of 100'.						

Ride: Midi Family Swinger						
	Lights	Type	Lumens	Optimal viewing	Approximate equivalent in 100W light bulbs	Approximate equivalent in 60W light bulbs
Center	1,820	Caboled	76,440	38,220	24	48
Notes:						
1. Optimal viewing angle of ride center is taken from visible percentage from 100'. Percentage calculated by arc length of visible area/circumference.						
2. Calculation of optimal viewing takes into consideration the angle of view only. Lumens above refers to light emitted, not the amount of light that can be measured at a distance of 100'.						

Ride: Midi Tea Cup						
	Lights	Type	Lumens	Optimal viewing	Approximate equivalent in 100W light bulbs	Approximate equivalent in 60W light bulbs
Center	80	Caboled	3,360	1,680	1	2
Notes:						
1. Optimal viewing angle of ride center is taken from visible percentage from 100'. Percentage calculated by half since center piece is small.						
2. Calculation of optimal viewing takes into consideration the angle of view only. Lumens above refers to light emitted, not the amount of light that can be measured at a distance of 100'.						

Ride: Midi Discovery						
	Lights	Type	Lumens	Optimal viewing	Approximate equivalent in 100W light bulbs	Approximate equivalent in 60W light bulbs
Ball	40	Infinity 65	2,880	1,440	1	2
Signs	1,000	Infinity 65	72,000	36,000	23	45
Pendulum	400	Infinity 65	28,800	14,400	9	18
Legs	1,000	Infinity 65	72,000	36,000	23	45
Notes:						
1. Assume 50% of lights at 22.5 degrees						
2. Calculation of optimal viewing takes into consideration the angle of view only. Lumens above refers to light emitted, not the amount of light that can be measured at a distance of 100'.						
3. Actual counts may vary by 5%						