

# Area/Roadway - HID to LED Equivalency

## HID / LED CROSS REFERENCE CHART

HID System	HID Wattage	HID Life [Hrs] <sup>1</sup>	# of Bars <sup>2</sup>	LED Wattage	LED Life [Hrs] <sup>3</sup>	Savings
70W Pulse MH	88	12,000	2	53	50,000	40%
100W Pulse MH	129	12,000	2	53	50,000	59%
150W Pulse MH	190	12,000	3	80	50,000	58%
250W Pulse MH	291	12,000	6	156	50,000	46%
320W Pulse MH	368	20,000	9	232	50,000	37%
400W Pulse MH	452	20,000	12	309	50,000	32%
70W HPS	85	24,000	2	53	50,000	38%
100W HPS	115	24,000	2	53	50,000	54%
150W HPS	170	24,000	4	103	50,000	39%
250W HPS	300	24,000	7	183	50,000	39%
400W HPS	465	24,000	12	309	50,000	34%

NOTE: 1 Hours of life based on 50% Mortality. 2 Actual number of LightBARS should be confirmed with site specific lighting calculations. 3 Hours of life based on 70% lumen maintenance.

Note: Maximum bar count available varies by product.



# Wall Mount - HID/CF to LED Equivalency

## HID & CFL / LED CROSS REFERENCE CHART

LAMP SYSTEM	LAMP WATTAGE	LAMP LIFE [HRS] <sup>1</sup>	LED/ # OF BARS <sup>2</sup>	LED WATTAGE	LED LIFE [HRS] <sup>3</sup>	LED SAVINGS
50W Pulse MH	72	12,000	1	26	50,000	64%
70W Pulse MH	90	12,000	1	26	50,000	71%
100W Pulse MH	128	12,000	2	53	50,000	59%
150W Pulse MH	190	12,000	2	55	50,000	72%
50W HPS	66	24,000	1	26	50,000	61%
70W HPS	91	24,000	1	26	50,000	71%
100W HPS	130	24,000	2	53	50,000	59%
42W CFL	46	16,000	1	26	50,000	43%
57W CFL	59	16,000	1	26	50,000	56%
70W CFL	75	16,000	1	26	50,000	65%
84W CFL	93	16,000	1	26	50,000	72%
114W CFL	128	16,000	2	53	50,000	59%
140W CFL	156	16,000	2	53	50,000	66%

NOTES: 1 Hours of life based on 50% mortality. 2 Actual number of LightBARS should be confirmed with site specific lighting calculations.

3 Hours of life based on 70% lumen maintenance.

Note: Maximum bar count available varies by product.



# Decorative – HID/CF to LED Equivalency

## HID + CFL / LED CROSS REFERENCE CHART

Lamp System	Lamp Wattage	Lamp Life [Hrs] <sup>1</sup>	Led / # Of Bars <sup>2</sup>	Led Wattage	Led Life [Hrs] <sup>3</sup>	Led Savings
70W Pulse Start MH	90	12,000	2	53	50,000	41%
100W Pulse Start MH	128	12,000	2	53	50,000	59%
150W Pulse Start MH	189	12,000	3	80	50,000	58%
250W Pulse Start MH	291	20,000	6	156	50,000	46%
70W HPS	91	24,000	2	53	50,000	42%
100W HPS	130	24,000	2	53	50,000	59%
150W HPS	180	24,000	4	103	50,000	43%
84W CFL	93	16,000	1	26	50,000	72%
114W CFL	128	16,000	2	53	50,000	59%
140W CFL	156	16,000	2	53	50,000	66%

NOTE: 1 Hours of life based on 50% Mortality. 2 Actual number of LightBARS should be confirmed with site specific lighting calculations. 3 Hours of life based on 70% lumen maintenance.

Note: Maximum bar count available varies by product.



# Parking/Canopy – HID/CF to LED Equivalency

## HID & CFL / LED CROSS REFERENCE CHART

LAMP SYSTEM	LAMP WATTAGE	LAMP LIFE [HRS] <sup>1</sup>	LED/ # OF BARS <sup>2</sup>	LED WATTAGE	LED LIFE [HRS] <sup>3</sup>	LED SAVINGS
70W Pulse MH	88	12,000	1	26	50,000	64%
100W Pulse MH	129	12,000	2	53	50,000	59%
150W Pulse MH	190	12,000	3	80	50,000	58%
200W Pulse MH	240	12,000	4	103	50,000	57%
70W HPS	85	24,000	2	53	50,000	38%
100W HPS	115	24,000	2	53	50,000	54%
150W HPS	170	24,000	4	103	50,000	39%
84W CFL	93	16,000	1	26	50,000	72%
114W CFL	128	16,000	2	53	50,000	59%
140W CFL	156	16,000	2	53	50,000	66%

NOTES: 1 Hours of life based on 50% mortality. 2 Actual number of LightBARS should be confirmed with site specific lighting calculations.

3 Hours of life based on 70% lumen maintenance.

Note: Maximum bar count available varies by product.

