

# WATTAGE/SOURCE SELECTION CHART

Existing Lamps	35W HPS 2,150 Lumens 18,000 Hours	50W HPS 3,800 Lumens 24,000 Hours	70W MH 5,000 Lumens 10,000 Hours	70W HPS 5,400 Lumens 24,000 Hours	100W MH 7,200 Lumens 10,000 Hours	100W HPS 8,800 Lumens 24,000 Hours	150W MH 12,000 Lumens 10,000 Hours	150W HPS 15,000 Lumens 24,000 Hours	175W MH 15,000 Lumens 10,000 Hours	175W Pulse Start 17,500 Lumens 24,000 Hours
<b>150 WATT PAR38</b> 1,740 LUMENS 2,000 HOURS	23% More Light 9 X Life 74% Energy Saving	↓	↓	↓	↓	↓	↓	↓	↓	↓
<b>300 WATT TWIN PAR38</b> 3,480 LUMENS 2,000 HOURS	→	9% More Light 12 X Life 81% Energy Saving	44% More Light 12 X Life 73% Energy Saving	↓	↓	↓	↓	↓	↓	↓
<b>100 WATT MERCURY VAPOR</b> 4,000 LUMENS 24,000 HOURS	→	→	25% More Light Shorter Life 81% Energy Saving	35% More Light Equal Life 73% Energy Saving	↓	↓	↓	↓	↓	↓
<b>300 WATT T-3 QUARTZ</b> 5,950 LUMENS 2,000 HOURS	→	→	→	→	21% More Light 5 X Life 62% Energy Saving	48% More Light 12 X Life 62% Energy Saving	↓	↓	↓	↓
<b>175 WATT MERCURY VAPOR</b> 8,600 LUMENS 24,000 HOURS	→	→	→	→	→	Equal Light Equal Life 43% Energy Saving	40% More Light Shorter Life 15% Energy Saving	75% More Light Equal Life 15% Energy Saving	↓	↓
<b>500 WATT T-3 QUARTZ</b> 11,100 LUMENS 2,000 HOURS	→	→	→	→	→	→	8% More Light 5 X Life 65% Energy Saving	35% More Light 12 X Life 65% Energy Saving	35% More Light 5 X Life 65% Energy Saving	58% More Light 7.5 X Life Saving

Existing Lamps	250W MH 20,500 Lumens 10,000 Hours	250W HPS 27,800 Lumens 24,000 Hours	400W MH 36,000 Lumens 10,000 Hours	400W HPS 50,000 Lumens 24,000 Hours	1000W MH 110,000 Lumens 12,000 Hours	1000W HPS 140,000 Lumens 24,000 Hours
<b>1000 WATT T-3 QUARTZ</b> 21,500 LUMENS 2,000 HOURS	Equal Light 5 X Life 70% Energy Saving	40% More Light 12 X Life 71% Energy Saving	↓	↓	↓	↓
<b>400 WATT MERCURY VAPOR</b> 22,500 LUMENS 24,000 HOURS	→	23% More Light Equal Life 38% Energy Saving	60% More Light Shorter Life Equal Energy	↓	↓	↓
<b>1500 WATT T-3 QUARTZ</b> 35,800 LUMENS 2,000 HOURS	→	→	Equal Light 5 X Life 70% Energy Saving	12 X Life 70% Energy Saving	↓	↓
<b>1000 WATT MERCURY VAPOR</b> 63,000 LUMENS 24,000 HOURS	→	→	→	→	74% More Light 1/2 Life Equal Energy	122% More Light Equal Life Equal Energy

Existing Lamps	250W Pulse Start 25,000 Lumens 15,000 Hours	320W Pulse Start 30,600 Lumens 20,000 Hours	350W Pulse Start 36,000 Lumens 20,000 Hours	400W Pulse Start 44,000 Lumens 20,000 Hours
<b>1000 WATT T-3 QUARTZ</b> 21,500 LUMENS 2,000 HOURS	↓	↓	↓	↓
<b>400 WATT MERCURY VAPOR</b> 22,500 LUMENS 24,000 HOURS	11% More Light Shorter Life 37% Energy Saving	58% More Light Shorter Life 20% Energy Saving	↓	↓
<b>1500 WATT T-3 QUARTZ</b> 35,800 LUMENS 2,000 HOURS	→	→	Equal Light 5 X Life 70% Energy Saving	60% More Light 12 X Life 70% Energy Saving

Existing Lamps	13 WATT PL 900 Lumens 10,000 Hours	18 WATT SL18 1,100 Lumens 10,000 Hours	18 WATT TWIN 9W PL 1,200 Lumens 10,000 Hours	28 WATT PLC 1,600 Lumens 10,000 Hours	42 WATT PLC 3,200 Lumens 10,000 Hours
<b>60 WATT A19 INCANDESCENT</b> 890 LUMENS 1,000 HOURS	Equal Light 10 X Life 78% Energy Saving	24% More Light 10 X Life 70% Energy Saving	34% More Light 10 X Life 70% Energy Saving	80% More Light 10 X Life 53% Energy Saving	↓
<b>75 WATT A19 INCANDESCENT</b> 1,100 LUMENS 750 HOURS	→	Equal Light 13 X Life 76% Energy Saving	9% More Light 13 X Life 76% Energy Saving	65% More Light 13 X Life 63% Energy Saving	↓
<b>100 WATT A19 INCANDESCENT</b> 1,750 LUMENS 750 HOURS	→	→	→	9% Less Light 13 X Life 58% Energy Saving	83% More Light 13 X Life
<b>150 WATT PAR38 INCANDESCENT</b> 1,740 LUMENS 2,000 HOURS	→	→	→	9% Less Light 5X Life 81% Energy Saving	84% More Light 5X Life 72% Energy Saving