

Light

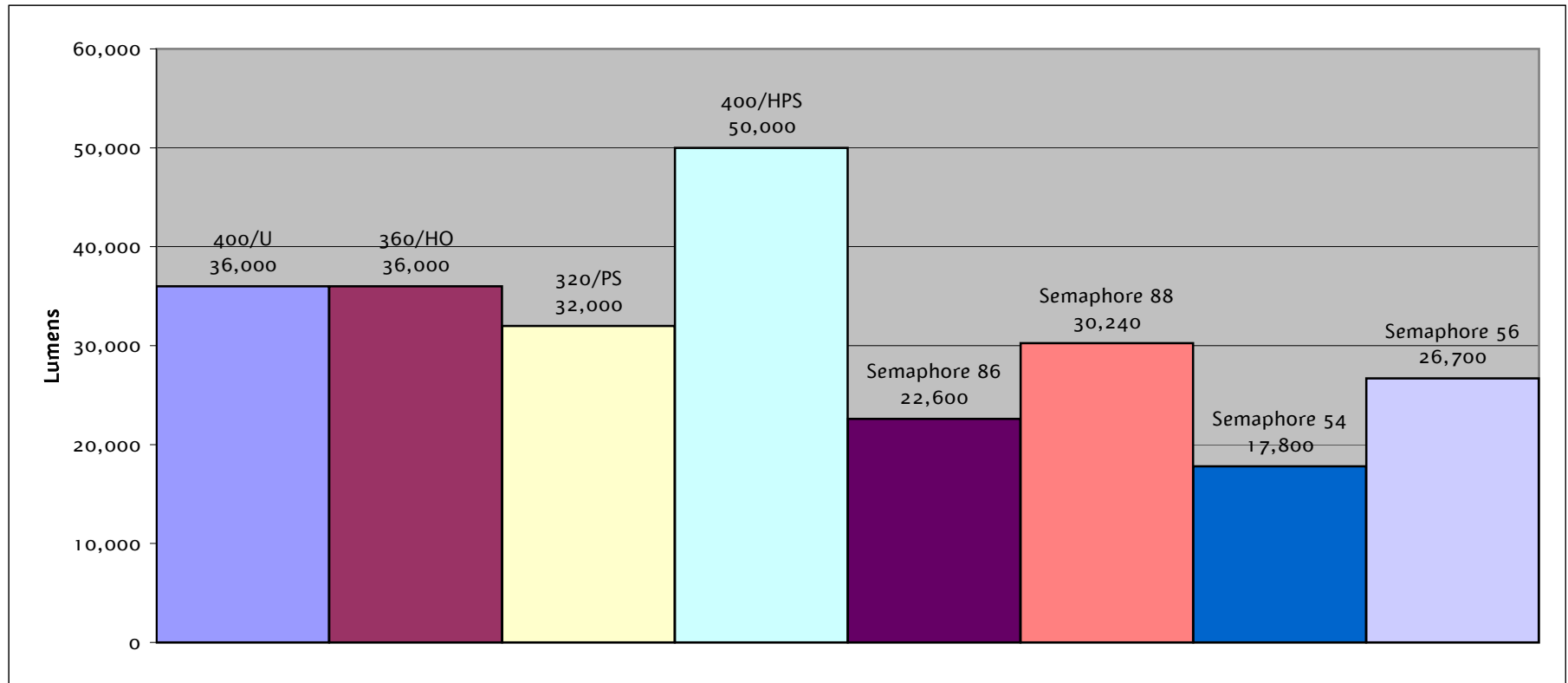
enlightening
the workspace

Comparative Index

<i>Specific Characteristics:</i>	<i>400/U Metal Halide</i>	<i>360/HO Metal Halide</i>	<i>320 PS Metal Halide</i>	<i>400 Watt High Pressure Sodium</i>	<i>Semaphore 86 6 Lamp T8 Fixture</i>	<i>Semaphore 88 8 Lamp T8 Fixture</i>	<i>Semaphore 54 4 Lamp T5 Fixture</i>	<i>Semaphore 56 6 Lamp T5 Fixture</i>
<i>Initial Lumens</i>	36,000	36,000	32,000	50,000	22,600	30,240	17,800	26,700
<i>Mean Lumens</i>	23,500	23,500	22,400	45,000	21,246	28,428	16,734	25,101
<i>Initial Lumens per Watt</i>	79	86	93	109	100	100	73	73
<i>Mean Lumens per Watt</i>	51	56	65	98	94	94	68	68
<i>Color Rendering Index (CRI)</i>	65	65	65	22	85	85	85	85
<i>Lumen Maintenance (20,000 Hours)</i>								
<i>@ 0% of Life</i>	100%	100%	100%	100%	100%	100%	100%	100%
<i>@ 25% of Life</i>	71%	71%	80%	83%	94%	94%	96%	96%
<i>@ 50% of Life</i>	60%	60%	72%	80%	94%	94%	95%	95%
<i>@ 75% of Life</i>	52%	52%	68%	76%	94%	94%	94%	94%
<i>@ 100% of Life</i>	47%	47%	61%	70%	94%	94%	94%	94%
<i>Fixture Efficiencies</i>	65%	65%	65%	65%	92%	92%	92%	92%
<i>Lamp Life (Hours)</i>	20,000	20,000	20,000	30,000	24,000	24,000	24,000	24,000
<i>Total Wattage per Fixture</i>	458	418	345	458	224	302	246	369
<i>Energy Cost Per Fixture Per Year</i>								
<i>@ \$0.06/KwH</i>	\$240.07	\$219.10	\$180.84	\$240.07	\$117.41	\$158.30	\$128.94	\$193.42
<i>@ \$0.08/KwH</i>	\$320.09	\$292.13	\$241.11	\$320.09	\$156.55	\$211.06	\$171.92	\$257.89
<i>@ \$0.11/KwH</i>	\$440.12	\$401.68	\$331.53	\$440.12	\$215.26	\$290.21	\$236.40	\$354.59
<i>@ \$0.15/KwH</i>	\$600.16	\$547.75	\$452.09	\$600.16	\$293.53	\$395.74	\$322.36	\$483.54
<i>Number of Turns in Ten Year Cycle</i>	4.37	4.37	4.37	2.91	3.64	3.64	3.64	3.64
<i>Warm-Up @ Restrike Time</i>	20 Minutes	20 Minutes	6 Minutes	20 Minutes	0 Minutes	0 Minutes	0 Minutes	0 Minutes
<i>Energy Savings Opportunity</i>	NO	YES	YES	NO	YES	YES	YES	YES
<i>Dimmable</i>	NO	NO	NO	NO	YES	YES	YES	YES
<i>Color Shifting</i>	YES	YES	YES	NO	NO	NO	NO	NO
<i>Glare</i>	YES	YES	YES	YES	NO	NO	NO	NO

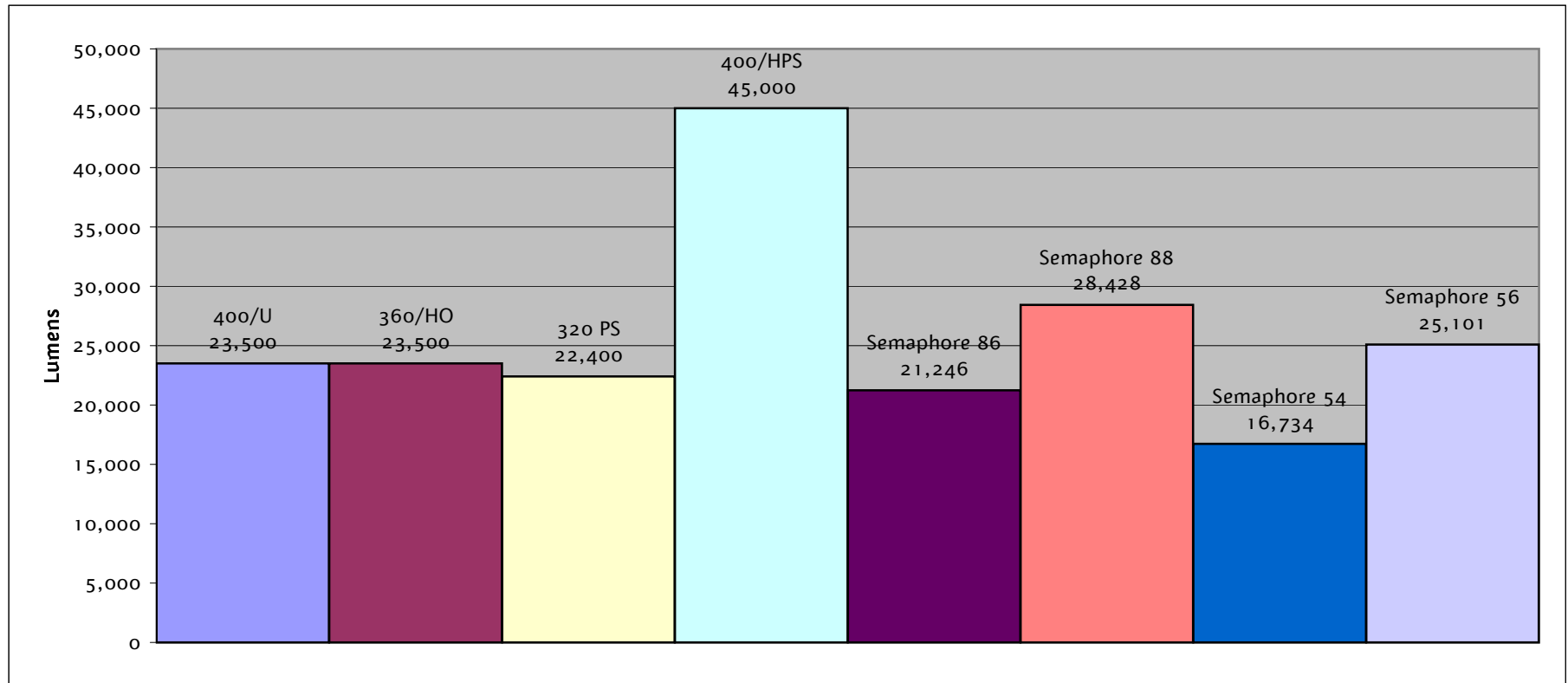


Initial Lumens



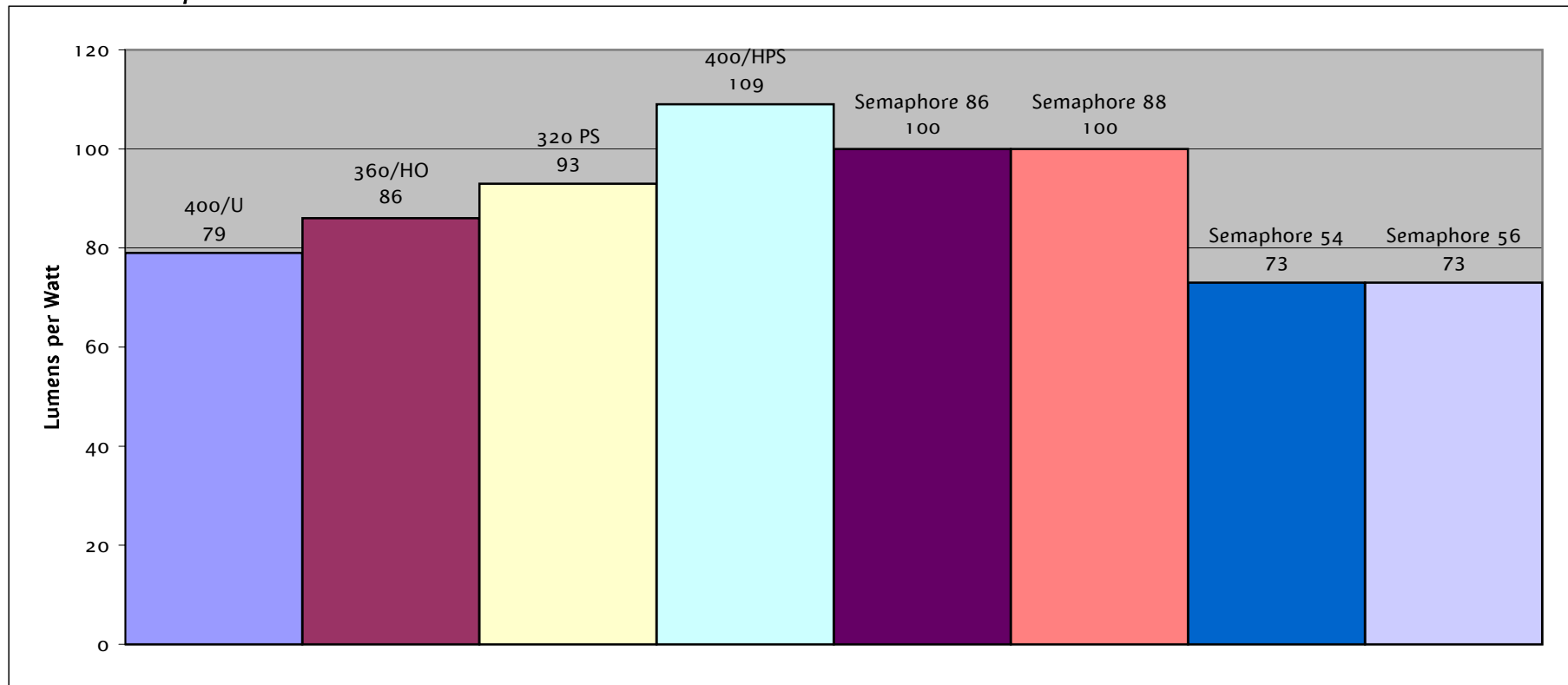


Mean Lumens



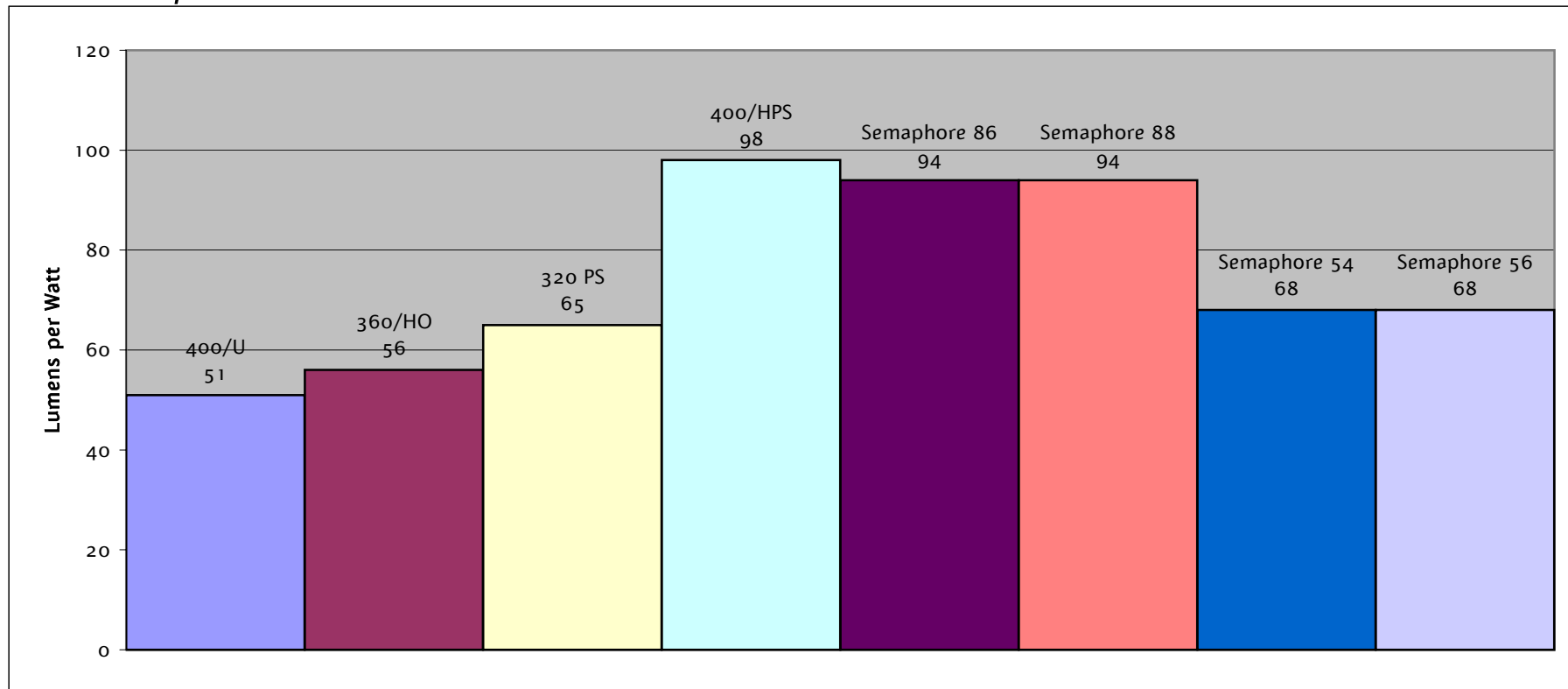


Initial Lumens per Watt



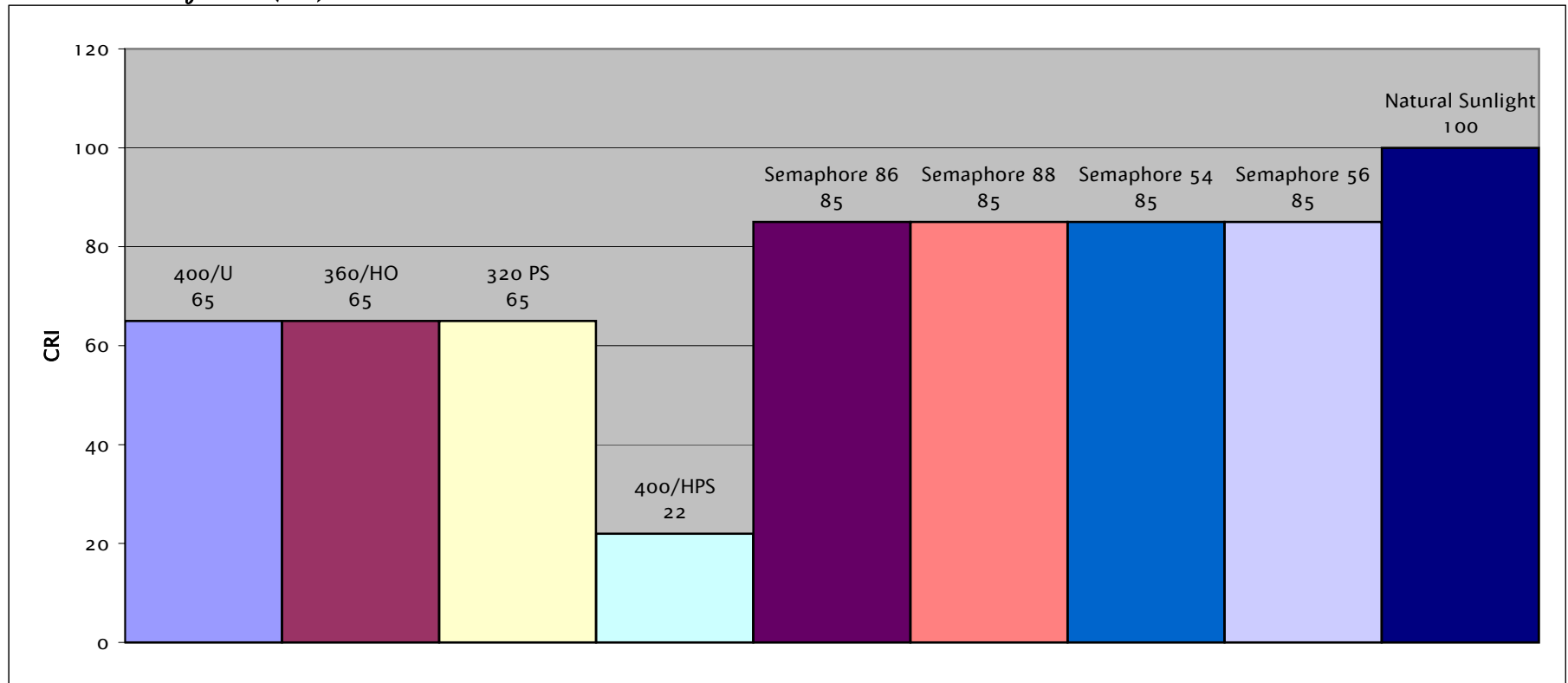


Mean Lumens per Watt



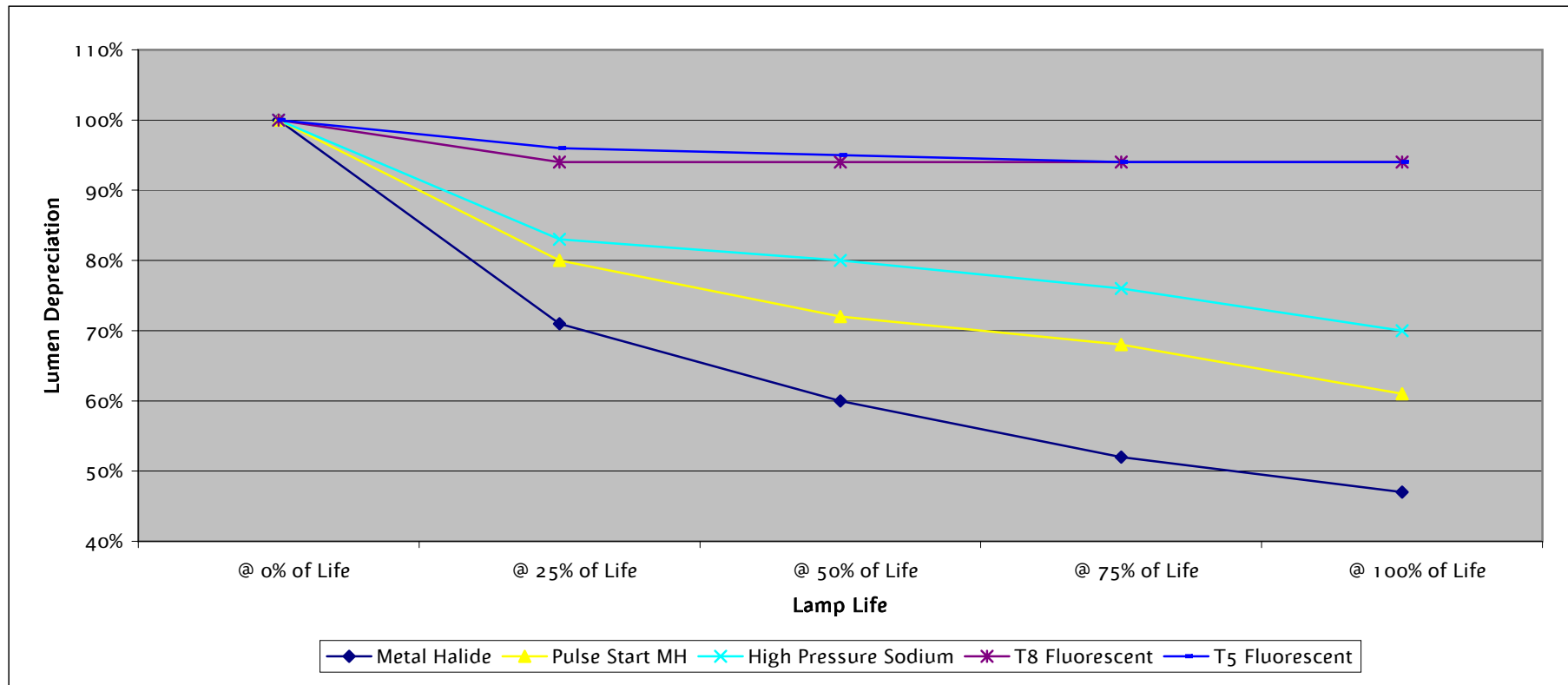


Color Rendering Index (CRI)



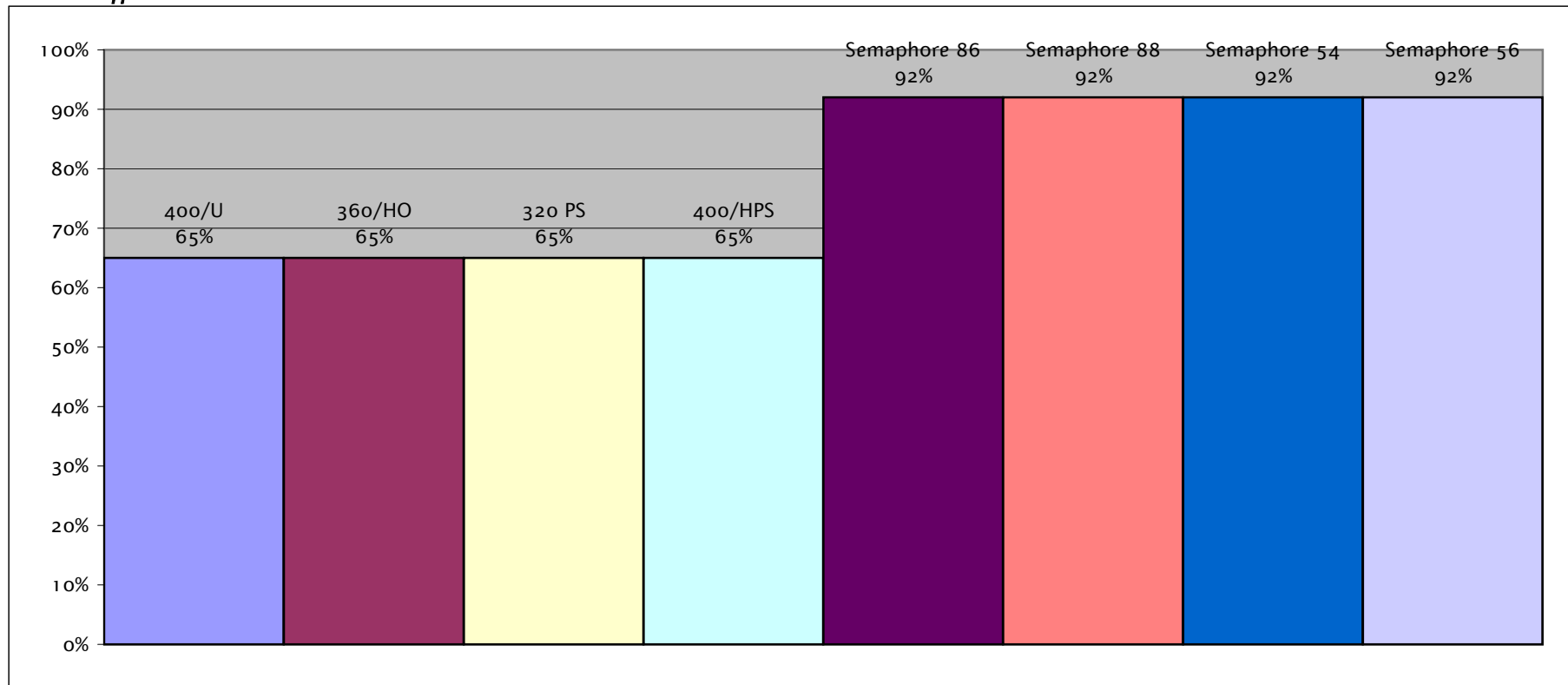


Lumen Maintenance

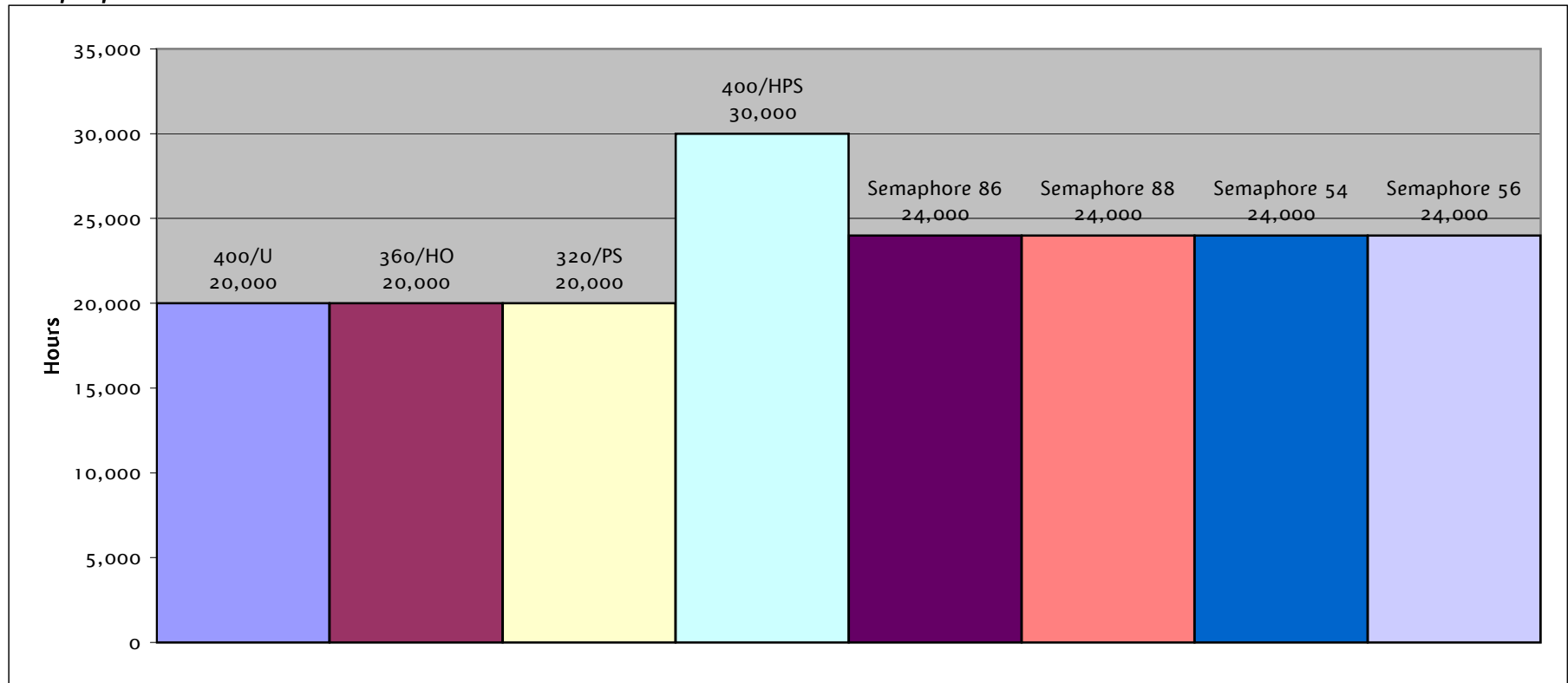




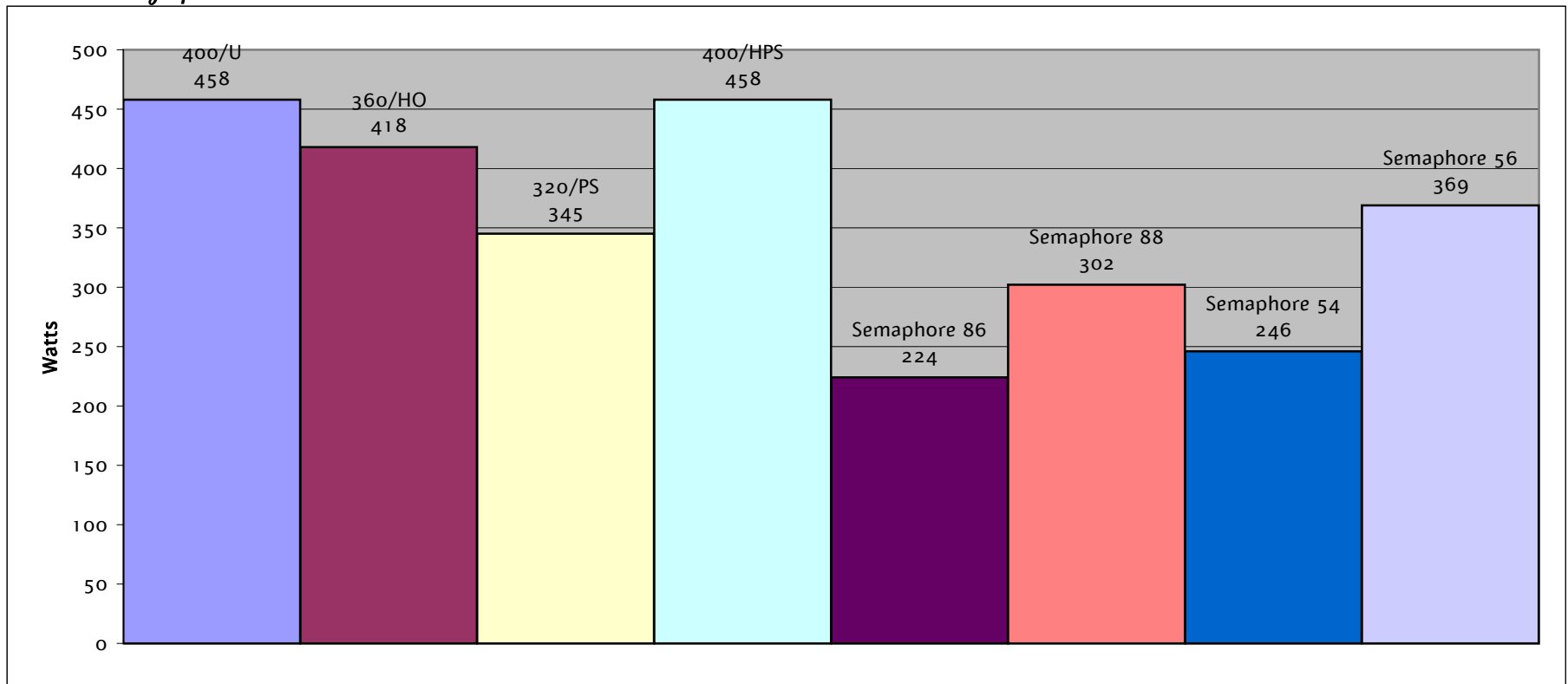
Fixture Efficiencies



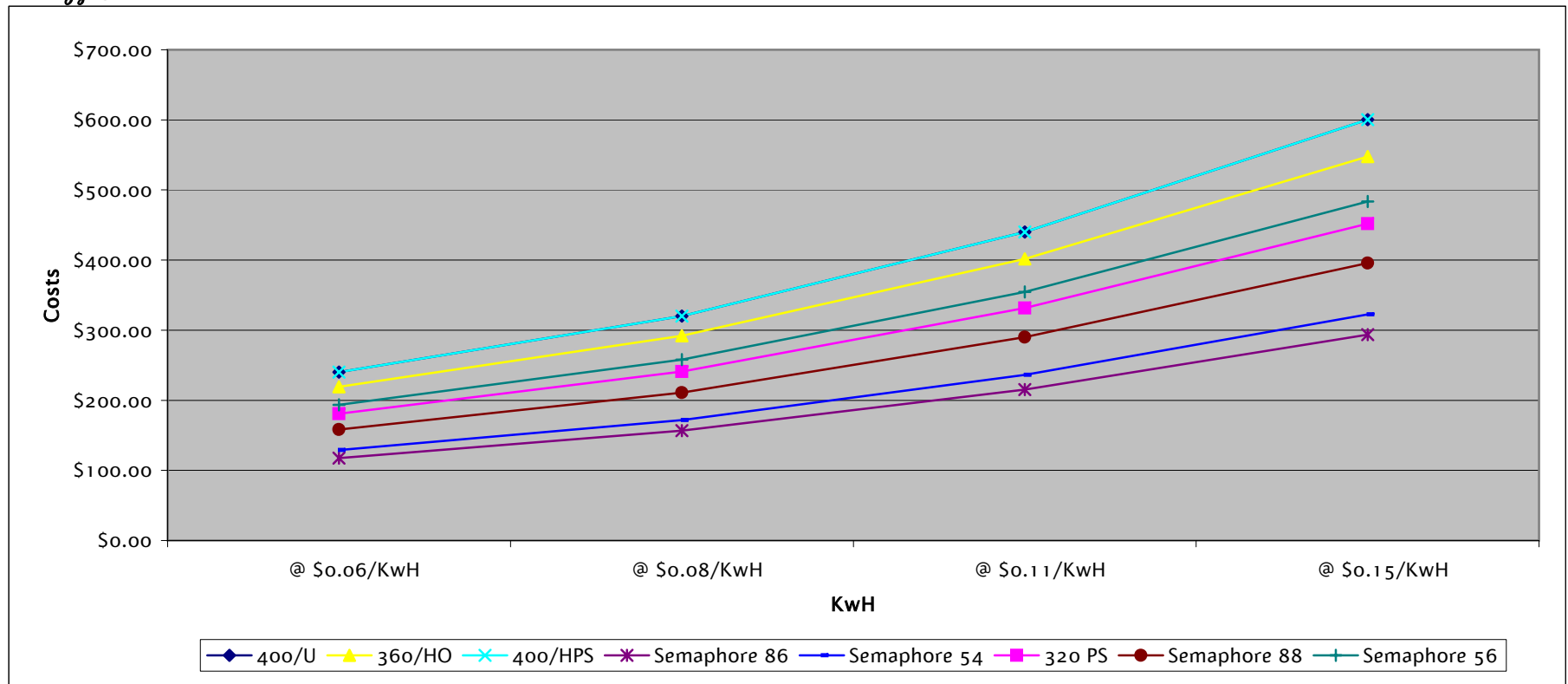
Lamp Life



Total Wattage per Fixture

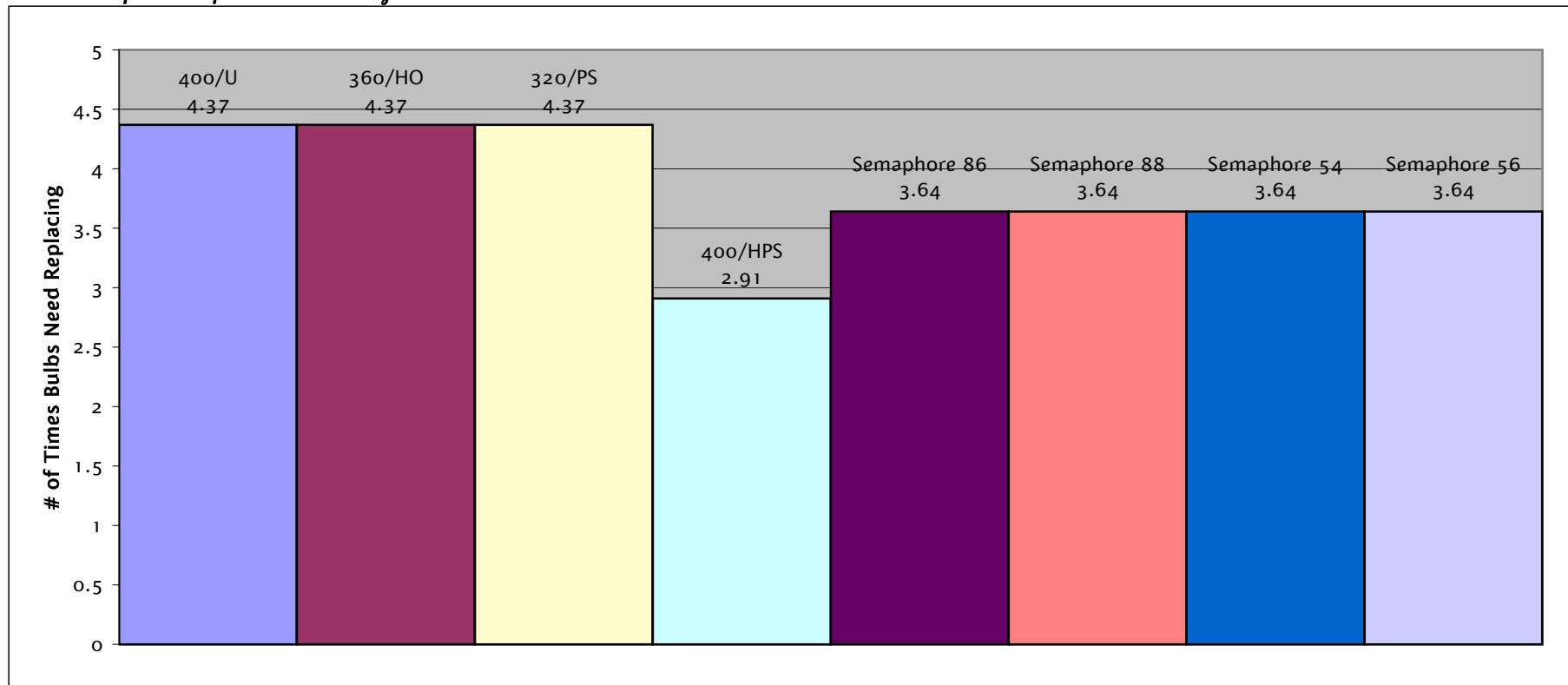


Energy Costs





Number of Turns per Ten Year Cycle





Warm-Up ⊕ Restrike Time

