

Performance comparisons									
Company	COMPUCHARGE	COMPUCHARGE	COMPUCHARGE	COMPUCHARGE	AEL	AEL	AEL	GE	GE
Luminaire Catalog	CBL-2MS-100W-HPS	CBL-2SC-100-HPS	CBL-2MS-150W-HPS	CBL-3MS-150-HPS	315-07S	20 10S R2 SP	115 15S R2 SG	M-250A2	M-250A2
Ballast Nominal Watts	100W	100W	150W	150W	70W	100W	150W	100W	150W
Ballast Actual Watts	93.4	89.5	164.4	163	96	129	189	120	183
Rated Lamp Lm	9500	9500	16000	16000	6300	9500	16000	9500	16000
Luminaire Efficiency (%)	88.4	85.3	87.6	86.4	67	75	65	71	74.4
Luminaire Lumens	8398	8101	14016	13830.5	4192	7125	10400	6745	11904
Luminaire Lm/W	90	91	85	85	44	55	55	56	65
Luminaire Rating	II M S	II S C	II M S	III M S	III B1-U2-G1	II M FC	II M C	III M-FC	?
Cost of kWh \$US	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Hours per annum	4100	4100	4100	4100	4100	4100	4100	4100	4100
Cost per annum \$US	30.64	29.36	53.92	53.46	31.49	42.31	61.99	39.36	60.02
Ballast Type	SS HF SinWave	SS HF SinWave	SS HF SinWave	SS HF SinWave	MB LF SqWave	MB LF SqWave	MB LF SqWave	MB LF SqWave	MB LF SqWave
Data Source	Compucharge	Compucharge	Compucharge	Compucharge	DOE Gateway Palo-Alto, CA	AEL	AEL	DOE Gateway Portland, OR	G.E.
Conclusion									
The data in the above table shows that Compucharge HF Electronic ballasts and luminaires lower your energy costs, are more efficient and produce more lumens and Lm/W.									
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