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Typical GreenCobra LED Replacements for HID Street Lighting (3000K (WW)).

Disclaimer: Many variables factor into a luminaire replacement decision including existing HPS luminaire output, maintenance schedules, and IES recommended practice. The chart provided here should only be used as a general reference. You should consult your lighting professional for the most appropriate luminaire for your specific application.

HID	System Watts	Light Levels	Suggested LED Replacement <i>(Catalog numbers are not complete. Refer to Notes section at bottom of page)</i>	System Watts	Lumen Output (3000k)	% Savings
50 HPS	65	High	G CJ1-30J-MV-30K-X-CC-040	27	4058	58%
		MED	G CJ1-30J-MV-30K-X-CC-025	17	2533	74%
		LOW	G CJ1-30J-MV-30K-X-CC-025	17	2533	74%
70 HPS	95	HIGH	G CJ1-30J-MV-30K-X-CC-040	27	4058	72%
		MED	G CJ1-30J-MV-30K-X-CC-040	27	4058	72%
		LOW	G CJ1-30J-MV-30K-X-CC-025	17	2533	82%
100 HPS	130	HIGH	G CJ2-30J-MV-30K-X-CC-065	44	6425	66%
		MED	G CJ1-30J-MV-30K-X-CC-050	34	5223	74%
		LOW	G CJ1-30J-MV-30K-X-CC-040	27	4058	79%
150 HPS	190	HIGH	G CJ4-30J-MV-30K-X-CC-105	70	10490	63%
		MED	G CJ3-30J-MV-30K-X-CC-090	64	8960	66%
		LOW	G CJ3-30J-MV-30K-X-CC-070	49	7062	74%
200 HPS	240	HIGH	G CJ4-30J-MV-30K-X-CC-135	100	13730	58%
		MED	G CJ4-30J-MV-30K-X-CC-115	80	11637	67%
		LOW	G CJ4-30J-MV-30K-X-CC-105	70	10490	71%
250 HPS	295	HIGH	G CM3-60J-MV-30K-X-CC-180	133	17846	55%
		MED	G CM2-60J-MV-30K-X-CC-145	100	14457	66%
		LOW	G CM1-60J-MV-30K-X-CC-120	80	12029	73%
310 HPS	365	HIGH	G CM4-60J-MV-30K-X-CC-215	140	21627	62%
		MED	G CM3-60J-MV-30K-X-CC-180	133	17846	64%
		LOW	G CM2-60J-MV-30K-X-CC-145	100	14457	73%
400+ HPS	465	HIGH	G CL3-80J-MV-30K-X-CC-285	214	28535	54%
		MED	G CL1-80J-MV-30K-X-CC-240	171	23848	63%
		LOW	G CM4-60J-MV-30K-X-CC-210	140	22141	70%
100 MV	129	HIGH	G CJ1-30J-MV-30K-X-CC-025	17	2533	87%
		MED	G CJ1-30J-MV-30K-X-CC-025	17	2533	87%
		LOW	G CJ1-30J-MV-30K-X-CC-025	17	2533	87%
175 MV	198	HIGH	G CJ1-30J-MV-30K-X-CC-050	34	5223	83%
		MED	G CJ1-30J-MV-30K-X-CC-045	30	4560	85%
		LOW	G CJ1-30J-MV-30K-X-CC-040	27	4058	86%
250 MV	295	HIGH	G CJ3-30J-MV-30K-X-CC-070	49	7062	83%
		MED	G CJ2-30J-MV-30K-X-CC-055	37	5550	87%
		LOW	G CJ1-30J-MV-30K-X-CC-045	30	4560	90%
400 MV	465	HIGH	G CJ4-30J-MV-30K-X-CC-135	100	13730	78%
		MED	G CJ4-30J-MV-30K-X-CC-115	80	11637	83%
		LOW	G CJ3-30J-MV-30K-X-CC-090	64	8960	86%

NOTES:

Replace "X" with the desired distribution type. Refer to web site for available distribution types

Replace "CC" with desired color: GY: Gray, DB: Dark Bronze, BK: Black

This chart only represents luminaires that are typically selected for retrofitting HID street lights.

Leotek recommends that you consult your local Representative for the most appropriate luminaire for your application

Low level products are typically selected for applications where somewhat reduced luminance values may be acceptable.

Medium level products are generally found to provide visibility that is comparable to the HID being replaced.

High level products are normally specified when required to meet or exceed current luminance values or when highly conservative light loss factors are being applied.