

Typical GreenCobra 4000K (NW) LED Replacements for HID Street Lighting

HID	System Watts	Light Levels	Suggested LED Replacement (Catalog numbers are not complete. Refer to Notes section at bottom of page)	System Watts	Lumen Output (4000k)	% Savings
50 HPS	65	HIGH	G CJ0-15H-MV-NW-X-CC-490	24	3070	63%
		MED	G CJ0-15H-MV-NW-X-CC-390	19	2490	71%
		LOW	G CJ0-15H-MV-NW-X-CC-300	15	2000	77%
70 HPS	95	HIGH	G CJ0-15H-MV-NW-X-CC-590	30	3650	68%
		MED	G CJ0-15H-MV-NW-X-CC-490	24	3070	75%
		LOW	G CJ0-15H-MV-NW-X-CC-390	19	2490	80%
100 HPS	130	HIGH	G CJ2-20H-MV-NW-X-CC-830	54	6210	58%
		MED	G CJ1-20H-MV-NW-X-CC-580	39	4850	70%
		LOW	G CJ1-20H-MV-NW-X-CC-450	29	3720	78%
150 HPS	190	HIGH	G CM2-40H-MV-NW-X-CC-700	88	11260	54%
		MED	G CM2-30H-MV-NW-X-CC-700	68	8550	64%
		LOW	G CJ2-20H-MV-NW-X-CC-1A	68	7430	64%
200 HPS	240	HIGH	G CM2-40H-MV-NW-X-CC-850	107	13270	55%
		MED	G CM2-30H-MV-NW-XX-CC-1A	101	11720	58%
		LOW	G CM2-30H-MV-NW-X-CC-850	82	9830	66%
250 HPS	295	HIGH	G CL1-60G-MV-NW-X-CC-700	135	16400	54%
		MED	G CM2-40H-MV-NW-X-950	121	14390	59%
		LOW	G CM2-30H-MV-NW-X-CC-1A	101	11270	66%
310 HPS	365	HIGH	G CL2-60G-MV-NW-X-CC-900	183	21200	50%
		MED	G CL2-60G-MV-NW-X-CC-750	149	18500	59%
		LOW	G CM2-40H-MV-NW-X-CC-950	121	14390	67%
400+ HPS	465	HIGH	G C2-96G-MV-NW-X-CC-800	242	26700	48%
		MED	G C2-96G-MV-NW-X-CC-700	209	25200	55%
		LOW	G CL2-60G-MV-NW-X-CC-800	163	19600	65%
100 MV	129	HIGH	G CJ0-15H-MV-NW-X-CC-390	19	2490	85%
		MED	G CJ0-15H-MV-NW-X-CC-300	15	2000	88%
		LOW	G CJ0-15H-MV-NW-X-CC-300	15	2000	88%
175 MV	198	HIGH	G CJ1-20H-MV-NW-X-CC-580	39	4850	80%
		MED	G CJ0-15H-MV-NW-X-CC-700	35	4180	83%
		LOW	G CJ0-15H-MV-NW-X-CC-490	24	3070	87%
250 MV	295	HIGH	G CJ2-20H-MV-NW-X-CC-900	58	6630	80%
		MED	G CJ1-20H-MV-NW-X-CC-700	46	5510	84%
		LOW	G CJ1-20H-MV-NW-X-CC-530	34	4320	88%
400 MV	465	HIGH	G CM2-40H-MV-NW-X-CC-850	107	13270	77%
		MED	G CM2-30H-MV-NW-X-CC-1A	101	11720	78%
		LOW	G CM2-30H-MV-NW-X-CC-850	82	9830	82%

- NOTES:**
- Replace "X" with the desired distribution type. Refer to web site for available distribution types.
 - Replace "CC" with desired Color Code: GY: Gray, DB: Dark Bronze, BK: Black
 - This chart only represents luminaires that are typically selected for retrofitting HID street lights.
 - Color temperature is 4000K (NW). 3000K (WW) and 5000K (CW) available. WW has lower lumen output.
 - 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 generally 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.