

## 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	GCJ0-15H-MV-NW-X-CC-490	24	3070	63%
		MED	GCJ0-15H-MV-NW-X-CC-390	19	2490	71%
		LOW	GCJ0-15H-MV-NW-X-CC-300	15	2000	77%
70 HPS	95	HIGH	GCJ0-15H-MV-NW-X-CC-590	30	3650	68%
		MED	GCJ0-15H-MV-NW-X-CC-490	24	3070	75%
		LOW	GCJ0-15H-MV-NW-X-CC-390	19	2490	80%
100 HPS	130	HIGH	GCJ2-20H-MV-NW-X-CC-830	54	6210	58%
		MED	GCJ1-20H-MV-NW-X-CC-580	39	4850	70%
		LOW	GCJ1-20H-MV-NW-X-CC-450	29	3720	78%
150 HPS	190	HIGH	GCM2-40H-MV-NW-X-CC-700	88	11260	54%
		MED	GCM2-30H-MV-NW-X-CC-700	68	8550	64%
		LOW	GCJ2-20H-MV-NW-X-CC-1A	68	7430	64%
200 HPS	240	HIGH	GCM2-40H-MV-NW-X-CC-850	107	13270	55%
		MED	GCM2-30H-MV-NW-XX-CC-1A	101	11720	58%
		LOW	GCM2-30H-MV-NW-X-CC-850	82	9830	66%
250 HPS	295	HIGH	GCL1-60G-MV-NW-X-CC-700	135	16400	54%
		MED	GCM2-40H-MV-NW-X-950	121	14390	59%
		LOW	GCM2-30H-MV-NW-X-CC-1A	101	11270	66%
310 HPS	365	HIGH	GCL1-60G-MV-NW-X-CC-900	183	21200	50%
		MED	GCL2-60G-MV-NW-X-CC-750	149	18500	59%
		LOW	GCM2-40H-MV-NW-X-CC-950	121	14390	67%
400+ HPS	465	HIGH	GC2-96G-MV-NW-X-CC-800	240	27900	48%
		MED	GC2-96G-MV-NW-X-CC-700	210	25200	55%
		LOW	GCL2-60G-MV-NW-X-CC-800	163	19600	65%
100 MV	129	HIGH	GCJ0-15H-MV-NW-X-CC-390	19	2490	85%
		MED	GCJ0-15H-MV-NW-X-CC-300	15	2000	88%
		LOW	GCJ0-15H-MV-NW-X-CC-300	15	2000	88%
175 MV	198	HIGH	GCJ1-20H-MV-NW-X-CC-580	39	4850	80%
		MED	GCJ0-15H-MV-NW-X-CC-700	34	4180	83%
		LOW	GCJ0-15H-MV-NW-X-CC-490	25	3070	87%
250 MV	295	HIGH	GCJ2-20H-MV-NW-X-CC-900	58	6630	80%
		MED	GCJ1-20H-MV-NW-X-CC-700	46	5510	84%
		LOW	GCJ1-20H-MV-NW-X-CC-530	34	4320	88%
400 MV	465	HIGH	GCM2-40H-MV-NW-X-CC-850	107	13270	77%
		MED	GCM2-30H-MV-NW-X-CC-1A	101	11720	78%
		LOW	GCM2-30H-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 are 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.