

Typical GreenCobra 3000K (WW) 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 (3000k)	% Savings
50 HPS	65	HIGH	GCJ0-15H-MV-WW-X-CC-490	24	2840	63%
		MED	GCJ0-15H-MV-WW-X-CC-390	19	2280	71%
		LOW	GCJ0-15H-MV-WW-X-CC-300	15	1810	77%
70 HPS	95	HIGH	GCJ1-20H-MV-WW-X-CC-530	34	3980	64%
		MED	GCJ0-15H-MV-WW-X-CC-590	30	3410	68%
		LOW	GCJ0-15H-MV-WW-X-CC-390	19	2280	80%
100 HPS	130	HIGH	GCJ2-20H-MV-WW-X-CC-830	54	5780	58%
		MED	GCJ1-20H-MV-WW-X-CC-700	46	5130	66%
		LOW	GCJ0-20H-MV-WW-X-CC-700	35	3910	73%
150 HPS	190	HIGH	GCM2-40H-MV-WW-X-CC-700	88	10230	54%
		MED	GCM2-30H-MV-WW-X-CC-850	82	8800	57%
		LOW	GCM2-30H-MV-WW-X-CC-610	58	6700	69%
200 HPS	240	HIGH	GCM2-40H-MV-WW-X-CC-1A	135	14080	44%
		MED	GCM2-40H-MV-WW-X-CC-850	107	11960	55%
		LOW	GCM2-30H-MV-WW-X-CC-850	82	8800	66%
250 HPS	295	HIGH	GCL1-80G-MV-WW-X-CC-610	160	18700	46%
		MED	GCM2-40H-MV-WW-X-CC-1A	135	14080	54%
		LOW	GCM2-40H-MV-NW-X-CC-850	107	11960	64%
310 HPS	365	HIGH	GCL1-80G-MV-WW-X-CC-700	185	20800	49%
		MED	GCL1-80G-MV-WW-X-CC-610	160	18700	56%
		LOW	GCM2-40H-MV-WW-X-CC-1A	135	14080	63%
400+ HPS	465	HIGH	GC2-96G-MV-WW-X-CC-800	242	28200	48%
		MED	GC2-96G-MV-WW-X-CC-700	209	25400	55%
		LOW	GCL2-60G-MV-WW-X-CC-900	183	20100	61%
100 MV	129	HIGH	GCJ0-15H-MV-WW-X-CC-490	24	2840	81%
		MED	GCJ0-15H-MV-WW-X-CC-390	19	2280	85%
		LOW	GCJ1-20H-MV-WW-X-CC-700	46	5130	88%
175 MV	198	HIGH	GCJ1-20H-MV-WW-X-CC-680	44	4960	78%
		MED	GCJ1-20H-MV-WW-X-CC-530	34	3980	83%
		LOW	GCJ1-20H-MV-WW-X-CC-350	25	3040	87%
250 MV	295	HIGH	GCJ2-20H-MV-WW-X-CC-1A	68	6960	77%
		MED	GCJ1-20H-MV-WW-X-CC-700	46	5130	84%
		LOW	GCJ1-20H-MV-WW-X-CC-580	39	4470	87%
400 MV	465	HIGH	GCL1-60G-MV-WW-X-CC-610	120	14200	74%
		MED	GCM2-40H-MV-WW-X-CC-850	107	11960	77%
		LOW	GCM2-30H-MV-WW-X-CC-850	82	8800	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 3000K (CW). 4000K (NW) and 5000K (CW) available. NW & CW have higher 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.