

## Typical Arieta LED Replacements for HID Area Lighting.

HID	System Watts	Light Levels	Suggested LED Replacement	System Watts	Lumen Output (Type 2,3,4) (4000k)	% Savings
50 HPS	65	HIGH	AR13-4M2-530	28	3,165	57%
	65	MED	AR13-4M2-350	20	2,333	69%
70 HPS	95	HIGH	AR13-4M2-700	36	3,988	62%
	95	MED	AR13-4M2-530	28	3,165	71%
	95	LOW	AR13-4M2-350	20	2,333	79%
100 HPS	130	HIGH	AR13-6M2-700	53	5,982	59%
	130	MED	AR13-6M2-530	41	4,810	68%
	130	LOW	AR13-4M2-700	36	3,988	72%
150 HPS	190	HIGH	AR13-15M2-530	90	11,518	53%
	190	MED	AR13-10M2-700	87	9,970	54%
	190	LOW	AR13-10M2-530	63	7,781	67%
200 HPS	240	HIGH	AR13-15M2-700	124	14,954	48%
	240	MED	AR13-15M2-530	90	11,518	63%
	240	LOW	AR13-10M2-700	87	9,970	64%
250 HPS	295	HIGH	AR13-18M2-700	160	17,516	46%
	295	MED	AR13-15M2-700	124	14,954	58%
	295	LOW	AR13-15M2-530	90	11,518	69%
310 HPS	365	HIGH	AR18-24M2-700	210	23,355	42%
	365	MED	AR18-20M2-700	177	19,463	52%
	365	LOW	AR13-15M2-700	124	14,954	66%
400 HPS	465	HIGH	AR18-30M2-700	260	28,923	44%
	465	MED	AR18-30M2-530	202	24,096	57%
	465	LOW	AR18-20M2-700	177	19,463	62%
400+ HPS	465	HIGH	AR18-30M2-700	260	28,923	44%
	465	MED	AR18-30M2-530	202	24,096	57%
	465	LOW	AR18-20M2-700	177	19,463	62%
100 MV	129	HIGH	AR13-4M2-530	28	3,165	78%
	129	MED	AR13-4M2-350	20	2,333	84%
	129	LOW	N/A			
175 MV	198	HIGH	AR13-6M2-530	41	4,810	79%
	198	MED	AR13-4M2-700	36	3,988	82%
	198	LOW	AR13-4M2-530	28	3,165	86%
250 MV	295	HIGH	AR13-10M2-530	63	7,781	79%
	295	MED	AR13-6M2-700	53	5,982	82%
	295	LOW	AR13-6M2-530	41	4,810	86%
400 MV	465	HIGH	AR13-15M2-700	124	14,954	73%
	465	MED	AR13-15M2-530	90	11,518	81%
	465	LOW	AR13-10M2-700	87	9,970	81%
175 MH	193	HIGH	AR13-10M2-530	63	7,781	67%
	193	MED	AR13-6M2-700	53	5,982	73%
	193	LOW	AR13-6M2-530	41	4,810	79%
250 MH	275	HIGH	AR13-15M2-700	124	14,954	55%
	275	MED	AR13-10M2-700	87	9,970	68%
	275	LOW	AR13-10M2-530	63	7,781	77%
400 MH	440	HIGH	AR18-24M2-700	210	23,355	52%
	440	MED	AR18-20M2-700	177	19,463	60%
	440	LOW	AR18-18M2-700	160	17,516	64%
1000MH	1100	HIGH	N/A	N/A	N/A	N/A
	1100	MED	N/A	N/A	N/A	N/A
	1100	LOW	AR18-30M2-700	261	28,923	76%

**NOTES:**

The Arieta product line is intended primarily for area lighting applications, but may be used for upscale street lighting. Leotek recommends that users consult their local Representative for selection of the best luminaire based on the specific design criteria and application characteristics.

**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.