

## Typical Arieta LED Replacements for HID Area 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 (Type 2,3,4) (4000k)	% Savings
70 HPS	95	HIGH	AR13-48N-MV-NW-X-XX-040	29	4,370	69%
		MED	AR13-48N-MV-NW-X-XX-030	22	3,160	77%
		LOW	AR13-48N-MV-NW-X-XX-030	22	3,160	77%
100 HPS	130	HIGH	AR13-48N-MV-NW-X-XX-060	39	5,900	70%
		MED	AR13-48N-MV-NW-X-XX-060	39	5,900	70%
		LOW	AR13-48N-MV-NW-X-XX-040	29	4,370	78%
150 HPS	190	HIGH	AR13-48N-MV-NW-X-XX-100	72	10,900	62%
		MED	AR13-48N-MV-NW-X-XX-100	72	10,900	62%
		LOW	AR13-48N-MV-NW-X-XX-080	52	7,890	73%
250 HPS	295	HIGH	AR13-48N-MV-NW-X-XX-160	113	16,600	62%
		MED	AR13-48N-MV-NW-X-XX-160	113	16,600	62%
		LOW	AR13-48N-MV-NW-X-XX-130	88	12,900	70%
400+ HPS	465	HIGH	AR18-96N-MV-NW-X-XX-290	206	29,770	56%
		MED	AR18-96N-MV-NW-X-XX-250	170	25,670	63%
		LOW	AR13-48N-MV-NW-X-XX-200	149	20,600	68%
175 MV	198	HIGH	AR13-48N-MV-NW-X-XX-060	39	5,900	80%
		MED	AR13-48N-MV-NW-X-XX-040	29	4,370	85%
		LOW	AR13-48N-MV-NW-X-XX-030	22	3,160	89%
250 MV	295	HIGH	AR13-48N-MV-NW-X-XX-080	52	7,890	82%
		MED	AR13-48N-MV-NW-X-XX-060	39	5,900	87%
		LOW	AR13-48N-MV-NW-X-XX-040	29	4,370	90%
400 MV	465	HIGH	AR13-48N-MV-NW-X-XX-160	113	16,600	76%
		MED	AR13-48N-MV-NW-X-XX-130	88	12,900	81%
		LOW	AR13-48N-MV-NW-X-XX-100	72	10,900	85%
175 MH	193	HIGH	AR13-48N-MV-NW-X-XX-080	52	7,890	73%
		MED	AR13-48N-MV-NW-X-XX-080	52	7,890	73%
		LOW	AR13-48N-MV-NW-X-XX-060	39	5,900	80%
250 MH	275	HIGH	AR13-48N-MV-NW-X-XX-130	88	12,900	68%
		MED	AR13-48N-MV-NW-X-XX-100	72	10,900	74%
		LOW	AR13-48N-MV-NW-X-XX-080	52	7,890	81%
400 MH	440	HIGH	AR18-96N-MV-NW-X-XX-250	170	25,670	61%
		MED	AR18-96N-MV-NW-X-XX-190	130	19,330	70%
		MED	AR13-48N-MV-NW-X-XX-190	138	19,600	69%
		LOW	AR13-48N-MV-NW-X-XX-160	113	16,600	74%
1000MH	1100	HIGH	N/A			
		MED	AR18-96N-MV-NW-X-XX-400	297	40,990	73%
		LOW	AR18-96N-MV-NW-X-XX-330	235	33,800	88%

**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.