



TOWN OF QUEEN CREEK
 Public Works Department
 Traffic Engineering Program
 22358 S. Ellsworth Road
 Queen Creek, Arizona 85242

Architectural HPS-LED Equivalents – Approved Products

Legacy HPS	Nominal Lumens (Designation)	Distr. Type	LED Manufacturer	LED Catalog number	LED Watts	LED Lumens
100W	4,900 ±12% (5L)	2	GE	ERLC-0-05-B5-30-A-DKBZ-GL-023	39W	4850
			Leotek	G CJ1-20H-MV-WW-2R-DB-580-PCR7-CR-BBL-LL-AD	39W	4470
			Signify	RFS-35W16LED3K-G2-R2M-UNV-DMG-[API-251]-RCD7-BR	38W	4800
			Cooper	ARCH-N-PA1-40-730-U-T2U-BZ-10MSP-HA-QCLABEL-PR7-10X-U120976	39W	4800
			Acuity	ACC P304 MVOLT ZT R2 3K BZ MP NL HITEMP P7 NBR RFD341867	40W	4900
			SolarMax	SMX-33WiE-NV-LL5-00-3070-T302-P-DB-10-CUL	34W	4900
250W	12,500 ±10% (12L)	3	GE	ERL1-0-13-C5-30-A-DKBZ-GL-116	102W	12400
			Leotek	GCM2-40H-MV-WW-3R-DB-950-PCR7-CR-BBL-LL-AD	121W	13040
			Signify	RFM-108W48LED3K-G2-R3S-UNV-DMG-[API-253]-RCD7-BR	106W	12600
			Cooper	ARCH-M-PA2-90-730-U-T3-BZ-10MSP-HA-PR7-10X-U117788	121W	12600
			Acuity	ACM P605 MVOLT ZT R2 2B 3K BZ MP NL HITEMP P7 NBR RFD341869	94W	13419
			SolarMax	SMX-88WiE-NV-LL5-00-3070-T302-P-DB-10-CUL	89W	12500

Date revised: 03/18/2026