

## Energy and Performance Data

### Nominal Power and Lumens (2200K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T2U</b>	Lumens	2,114	2,958	3,845	4,929	5,730	6,412	7,016	7,588	7,603
	Lumens per Watt	101	95	96	91	90	87	85	81	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
<b>T2U-A</b>	Lumens	1,809	2,532	3,290	4,220	4,905	5,488	6,004	6,494	6,508
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-CL</b>	Lumens	1,972	2,760	3,587	4,600	5,347	5,982	6,546	7,080	7,095
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-TL</b>	Lumens	1,939	2,713	3,528	4,522	5,257	5,882	6,436	6,960	6,975
	Lumens per Watt	92	88	88	84	82	79	78	74	73
	BUG Rating	B1-U2-G1	B1-U3-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-FP</b>	Lumens	1,807	2,530	3,288	4,217	4,902	5,484	6,002	6,490	6,504
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T2U-HSS</b>	Lumens	1,433	2,006	2,607	3,342	3,885	4,348	4,757	5,145	5,155
	Lumens per Watt	68	65	65	62	61	59	57	55	54
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
<b>SL3</b>	Lumen	2,046	2,864	3,723	4,773	5,548	6,209	6,793	7,347	7,362
	Lumens per Watt	97	92	93	88	87	84	82	78	77
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3
<b>SL3-A</b>	Lumen	1,705	2,387	3,101	3,977	4,622	5,173	5,660	6,121	6,134
	Lumens per Watt	81	77	78	74	72	70	68	65	64
	BUG Rating	B0-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>SL3-CL</b>	Lumens	1,917	2,684	3,489	4,473	5,199	5,818	6,366	6,884	6,899
	Lumens per Watt	91	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>SL3-TL</b>	Lumens	1,858	2,599	3,379	4,332	5,035	5,635	6,165	6,668	6,682
	Lumens per Watt	88	84	84	80	79	76	74	71	70
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	1,723	2,413	3,135	4,021	4,675	5,230	5,722	6,189	6,202
	Lumens per Watt	82	78	78	74	73	71	69	66	65
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2200K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>SL3-HSS</b>	Lumens	1,695	2,372	3,083	3,952	4,594	5,141	5,625	6,084	6,096
	Lumens per Watt	81	77	77	73	72	69	68	65	64
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T3</b>	Lumens	2,097	2,935	3,815	4,891	5,685	6,362	6,961	7,528	7,544
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2
<b>T3-A</b>	Lumens	1,783	2,496	3,244	4,159	4,835	5,410	5,919	6,402	6,415
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>T3-CL</b>	Lumens	1,981	2,774	3,606	4,622	5,373	6,013	6,579	7,115	7,129
	Lumens per Watt	94	89	90	86	84	81	79	76	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	1,923	2,691	3,499	4,486	5,214	5,835	6,385	6,904	6,920
	Lumens per Watt	92	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	1,786	2,500	3,249	4,167	4,843	5,419	5,929	6,412	6,426
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-HSS</b>	Lumens	1,563	2,188	2,844	3,646	4,238	4,742	5,189	5,612	5,623
	Lumens per Watt	74	71	71	68	66	64	63	60	59
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,099	2,938	3,819	4,896	5,692	6,369	6,969	7,537	7,552
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	1,755	2,458	3,195	4,096	4,761	5,327	5,829	6,304	6,318
	Lumens per Watt	84	79	80	76	74	72	70	67	66
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>T4W-CL</b>	Lumens	1,973	2,763	3,591	4,603	5,352	5,988	6,552	7,086	7,101
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	1,908	2,669	3,470	4,450	5,172	5,788	6,333	6,848	6,863
	Lumens per Watt	91	86	87	82	81	78	76	73	71
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2200K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T4W-FP</b>	Lumens	1,775	2,482	3,228	4,138	4,809	5,383	5,890	6,368	6,383
	Lumens per Watt	85	80	81	77	75	73	71	68	66
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	1,538	2,152	2,798	3,587	4,169	4,666	5,105	5,521	5,532
	Lumens per Watt	73	69	70	66	65	63	62	59	58
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>5WQ</b>	Lumens	2,184	3,057	3,974	5,094	5,921	6,626	7,250	7,841	7,857
	Lumens per Watt	104	99	99	94	93	90	87	83	82
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2
<b>5WQ-A</b>	Lumens	1,823	2,552	3,318	4,253	4,944	5,532	6,054	6,546	6,560
	Lumens per Watt	87	82	83	79	77	75	73	70	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2
<b>5WQ-CL</b>	Lumens	2,098	2,937	3,817	4,894	5,689	6,366	6,965	7,534	7,549
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B2-U2-G1	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-TL</b>	Lumens	2,007	2,809	3,651	4,681	5,441	6,089	6,662	7,206	7,221
	Lumens per Watt	96	91	91	87	85	82	80	77	75
	BUG Rating	B2-U3-G1	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-FP</b>	Lumens	1,871	2,619	3,404	4,365	5,073	5,677	6,212	6,719	6,732
	Lumens per Watt	89	84	85	81	79	77	75	71	70
	BUG Rating	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3

**NOTES:** \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T2U</b>	Lumens	2,404	3,365	4,374	5,608	6,518	7,295	7,981	8,632	8,650
	Lumens per Watt	114	109	109	104	102	99	96	92	90
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
<b>T2U-A</b>	Lumens	2,058	2,880	3,744	4,800	5,579	6,243	6,831	7,388	7,404
	Lumens per Watt	98	93	94	89	87	84	82	79	77
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2	B2-U4-G2

**NOTES:** \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T2U-CL</b>	Lumens	2,243	3,140	4,082	5,233	6,083	6,806	7,447	8,053	8,072
	Lumens per Watt	107	101	102	97	95	92	90	86	84
	BUG Rating	B1-U2-G1	B1-U2-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3
<b>T2U-TL</b>	Lumens	2,206	3,087	4,012	5,145	5,980	6,692	7,321	7,917	7,934
	Lumens per Watt	105	100	100	95	93	90	88	84	83
	BUG Rating	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-FP</b>	Lumens	2,057	2,878	3,742	4,797	5,576	6,239	6,826	7,382	7,398
	Lumens per Watt	98	93	94	89	87	84	82	79	77
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T2U-HSS</b>	Lumens	1,630	2,282	2,966	3,802	4,420	4,946	5,412	5,853	5,865
	Lumens per Watt	78	74	74	70	69	67	65	62	61
	BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
<b>SL3</b>	Lumen	2,328	3,258	4,236	5,430	6,312	7,063	7,728	8,358	8,375
	Lumens per Watt	111	105	106	101	99	95	93	89	87
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3
<b>SL3-A</b>	Lumen	1,940	2,714	3,529	4,524	5,259	5,885	6,438	6,963	6,978
	Lumens per Watt	92	88	88	84	82	80	78	74	73
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-CL</b>	Lumens	2,181	3,054	3,969	5,089	5,916	6,619	7,241	7,833	7,848
	Lumens per Watt	104	99	99	94	92	89	87	83	82
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-TL</b>	Lumens	2,113	2,957	3,844	4,927	5,729	6,411	7,015	7,586	7,602
	Lumens per Watt	101	95	96	91	90	87	85	81	79
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	1,962	2,744	3,567	4,573	5,317	5,950	6,510	7,040	7,056
	Lumens per Watt	93	89	89	85	83	80	78	75	74
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>SL3-HSS</b>	Lumens	1,928	2,698	3,507	4,496	5,227	5,849	6,400	6,921	6,935
	Lumens per Watt	92	87	88	83	82	79	77	74	72
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T3</b>	Lumens	2,386	3,339	4,340	5,564	6,467	7,238	7,919	8,564	8,582
	Lumens per Watt	114	108	108	103	101	98	95	91	89
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
<b>T3-A</b>	Lumens	2,028	2,839	3,691	4,732	5,500	6,155	6,733	7,282	7,298
	Lumens per Watt	97	92	92	88	86	83	81	77	76
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-CL</b>	Lumens	2,254	3,155	4,102	5,259	6,112	6,840	7,484	8,095	8,111
	Lumens per Watt	107	102	103	97	95	92	90	86	84
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	2,187	3,062	3,980	5,104	5,932	6,639	7,263	7,856	7,872
	Lumens per Watt	104	99	99	95	93	90	88	84	82
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	2,033	2,845	3,697	4,740	5,510	6,166	6,745	7,296	7,310
	Lumens per Watt	97	92	92	88	86	83	81	78	76
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T3-HSS</b>	Lumens	1,778	2,489	3,235	4,148	4,821	5,395	5,903	6,384	6,397
	Lumens per Watt	85	80	81	77	75	73	71	68	67
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,388	3,343	4,345	5,570	6,475	7,246	7,928	8,574	8,592
	Lumens per Watt	114	108	109	103	101	98	96	91	89
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	1,997	2,795	3,634	4,659	5,417	6,061	6,632	7,170	7,188
	Lumens per Watt	95	90	91	86	85	82	80	76	75
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3
<b>T4W-CL</b>	Lumens	2,245	3,142	4,086	5,237	6,087	6,812	7,454	8,061	8,077
	Lumens per Watt	107	101	102	97	95	92	90	86	84
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	2,170	3,036	3,948	5,062	5,884	6,584	7,204	7,791	7,807
	Lumens per Watt	103	98	99	94	92	89	87	83	81
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	2,018	2,824	3,673	4,707	5,471	6,123	6,700	7,246	7,261
	Lumens per Watt	96	91	92	87	85	83	81	77	76
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
Optics										
<b>T4W-HSS</b>	Lumens	1,750	2,449	3,183	4,080	4,743	5,308	5,807	6,281	6,294
	Lumens per Watt	83	79	80	76	74	72	70	67	66
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>5WQ</b>	Lumens	2,485	3,478	4,520	5,795	6,736	7,538	8,248	8,920	8,939
	Lumens per Watt	118	112	113	107	105	102	99	95	93
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2
<b>5WQ-A</b>	Lumens	2,075	2,903	3,773	4,838	5,624	6,293	6,886	7,447	7,463
	Lumens per Watt	99	94	94	90	88	85	83	79	78
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3
<b>5WQ-CL</b>	Lumens	2,387	3,341	4,343	5,568	6,472	7,241	7,925	8,570	8,588
	Lumens per Watt	114	108	109	103	101	98	95	91	89
	BUG Rating	B2-U2-G1	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-TL</b>	Lumens	2,283	3,196	4,154	5,325	6,190	6,927	7,580	8,198	8,215
	Lumens per Watt	109	103	104	99	97	94	91	87	86
	BUG Rating	B2-U3-G1	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-FP</b>	Lumens	2,129	2,980	3,873	4,966	5,772	6,459	7,067	7,643	7,659
	Lumens per Watt	101	96	97	92	90	87	85	81	80
	BUG Rating	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U4-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (3000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
Optics										
<b>T2U</b>	Lumens	2,618	3,665	4,764	6,107	7,098	7,944	8,692	9,400	9,419
	Lumens per Watt	125	118	119	113	111	107	105	100	98
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
<b>T2U-A</b>	Lumens	2,241	3,136	4,077	5,227	6,076	6,798	7,438	8,045	8,063
	Lumens per Watt	107	101	102	97	95	92	90	86	84
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2	B2-U4-G2	B2-U4-G2
<b>T2U-CL</b>	Lumens	2,443	3,419	4,445	5,698	6,624	7,412	8,110	8,770	8,790
	Lumens per Watt	116	110	111	106	103	100	98	93	92
	BUG Rating	B1-U2-G1	B1-U2-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>T2U-TL</b>	Lumens	2,402	3,362	4,369	5,602	6,512	7,287	7,973	8,622	8,640
	Lumens per Watt	114	108	109	104	102	98	96	92	90
	BUG Rating	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (3000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T2U-FP</b>	Lumens	2,240	3,134	4,075	5,224	6,072	6,795	7,434	8,039	8,056
	Lumens per Watt	107	101	102	97	95	92	90	86	84
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T2U-HSS</b>	Lumens	1,775	2,485	3,230	4,141	4,813	5,386	5,893	6,374	6,387
	Lumens per Watt	85	80	81	77	75	73	71	68	67
	BUG Rating	B0-U0-G0	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
<b>SL3</b>	Lumen	2,535	3,548	4,612	5,913	6,873	7,692	8,416	9,102	9,120
	Lumens per Watt	121	114	115	110	107	104	101	97	95
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3
<b>SL3-A</b>	Lumen	2,112	2,956	3,842	4,926	5,726	6,408	7,011	7,583	7,599
	Lumens per Watt	101	95	96	91	89	87	84	81	79
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-CL</b>	Lumens	2,375	3,325	4,322	5,542	6,441	7,208	7,886	8,529	8,546
	Lumens per Watt	113	107	108	103	101	97	95	91	89
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-TL</b>	Lumens	2,300	3,220	4,186	5,366	6,239	6,981	7,639	8,261	8,278
	Lumens per Watt	110	104	105	99	97	94	92	88	86
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	2,136	2,989	3,885	4,980	5,790	6,479	7,089	7,667	7,683
	Lumens per Watt	102	96	97	92	90	88	85	82	80
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>SL3-HSS</b>	Lumens	2,099	2,938	3,820	4,896	5,692	6,369	6,969	7,537	7,552
	Lumens per Watt	100	95	96	91	89	86	84	80	79
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T3</b>	Lumens	2,598	3,636	4,726	6,059	7,043	7,882	8,624	9,326	9,345
	Lumens per Watt	124	117	118	112	110	107	104	99	97
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T3-A</b>	Lumens	2,209	3,091	4,019	5,152	5,989	6,702	7,332	7,931	7,947
	Lumens per Watt	105	100	100	95	94	91	88	84	83
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-CL</b>	Lumens	2,455	3,435	4,467	5,726	6,656	7,448	8,150	8,815	8,832
	Lumens per Watt	117	111	112	106	104	101	98	94	92
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (3000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T3-TL</b>	Lumens	2,382	3,334	4,335	5,558	6,459	7,229	7,909	8,554	8,572
	Lumens per Watt	113	108	108	103	101	98	95	91	89
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	2,213	3,097	4,026	5,161	5,999	6,714	7,345	7,945	7,961
	Lumens per Watt	105	100	101	96	94	91	88	85	83
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T3-HSS</b>	Lumens	1,937	2,710	3,523	4,517	5,250	5,875	6,428	6,952	6,967
	Lumens per Watt	92	87	88	84	82	79	77	74	73
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,601	3,640	4,732	6,066	7,051	7,891	8,634	9,337	9,356
	Lumens per Watt	124	117	118	112	110	107	104	99	97
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	2,175	3,044	3,958	5,073	5,899	6,600	7,221	7,809	7,827
	Lumens per Watt	104	98	99	94	92	89	87	83	82
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T4W-CL</b>	Lumens	2,445	3,422	4,449	5,703	6,629	7,418	8,118	8,779	8,797
	Lumens per Watt	116	110	111	106	104	100	98	93	92
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	2,363	3,306	4,300	5,513	6,407	7,170	7,845	8,485	8,502
	Lumens per Watt	113	107	107	102	100	97	95	90	89
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	2,197	3,076	3,999	5,126	5,958	6,667	7,296	7,890	7,907
	Lumens per Watt	105	99	100	95	93	90	88	84	82
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	1,905	2,666	3,466	4,443	5,165	5,780	6,324	6,840	6,854
	Lumens per Watt	91	86	87	82	81	78	76	73	71
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>5WQ</b>	Lumens	2,706	3,787	4,923	6,310	7,335	8,209	8,982	9,714	9,734
	Lumens per Watt	129	122	123	117	115	111	108	103	101
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G2
<b>5WQ-A</b>	Lumens	2,259	3,161	4,110	5,269	6,125	6,853	7,499	8,110	8,128
	Lumens per Watt	108	102	103	98	96	93	90	86	85
	BUG Rating	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3	B2-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.



### Nominal Power and Lumens (3000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>5WQ-CL</b>	Lumens	2,599	3,639	4,730	6,063	7,048	7,886	8,630	9,333	9,352
	Lumens per Watt	124	117	118	112	110	107	104	99	97
	BUG Rating	B2-U3-G1	B3-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B4-U3-G3	B4-U3-G3
<b>5WQ-TL</b>	Lumens	2,486	3,480	4,524	5,799	6,741	7,544	8,254	8,926	8,945
	Lumens per Watt	118	112	113	107	105	102	99	95	93
	BUG Rating	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-FP</b>	Lumens	2,318	3,245	4,217	5,408	6,285	7,033	7,696	8,322	8,340
	Lumens per Watt	110	105	105	100	98	95	93	89	87
	BUG Rating	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G4	B3-U4-G4

**NOTES:** \* Photometric data is reported for lower hemisphere only.

### Nominal Power and Lumens (5000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T2U</b>	Lumens	2,875	4,024	5,231	6,705	7,794	8,723	9,544	10,321	10,343
	Lumens per Watt	137	130	131	124	122	118	115	110	108
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
<b>T2U-A</b>	Lumens	2,461	3,444	4,476	5,740	6,672	7,466	8,168	8,834	8,853
	Lumens per Watt	117	111	112	106	104	101	98	94	92
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3
<b>T2U-CL</b>	Lumens	2,682	3,754	4,880	6,258	7,273	8,138	8,905	9,631	9,651
	Lumens per Watt	128	121	122	116	114	110	107	102	101
	BUG Rating	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>T2U-TL</b>	Lumens	2,637	3,690	4,799	6,152	7,151	8,002	8,755	9,468	9,488
	Lumens per Watt	126	119	120	114	112	108	105	101	99
	BUG Rating	B1-U3-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>T2U-FP</b>	Lumens	2,458	3,441	4,473	5,736	6,668	7,460	8,164	8,828	8,847
	Lumens per Watt	117	111	112	106	104	101	98	94	92
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T2U-HSS</b>	Lumens	1,949	2,728	3,547	4,546	5,285	5,914	6,471	6,998	7,013
	Lumens per Watt	93	88	89	84	83	80	78	74	73
	BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2

**NOTES:** \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (5000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
Optics										
<b>SL3</b>	Lumen	2,784	3,896	5,065	6,493	7,547	8,446	9,241	9,994	10,015
	Lumens per Watt	133	126	127	120	118	114	111	106	104
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>SL3-A</b>	Lumen	2,320	3,247	4,219	5,410	6,288	7,037	7,699	8,326	8,344
	Lumens per Watt	110	105	105	100	98	95	93	89	87
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-CL</b>	Lumens	2,608	3,651	4,746	6,085	7,073	7,915	8,660	9,365	9,385
	Lumens per Watt	124	118	119	113	111	107	104	100	98
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-TL</b>	Lumens	2,527	3,535	4,597	5,893	6,849	7,665	8,387	9,070	9,090
	Lumens per Watt	120	114	115	109	107	104	101	96	95
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	2,344	3,282	4,265	5,470	6,359	7,114	7,784	8,419	8,437
	Lumens per Watt	112	106	107	101	99	96	94	90	88
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>SL3-HSS</b>	Lumens	2,305	3,226	4,194	5,376	6,250	6,994	7,652	8,276	8,293
	Lumens per Watt	110	104	105	100	98	95	92	88	86
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T3</b>	Lumens	2,853	3,992	5,190	6,653	7,733	8,654	9,469	10,241	10,262
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T3-A</b>	Lumens	2,425	3,395	4,413	5,657	6,577	7,359	8,052	8,709	8,727
	Lumens per Watt	115	110	110	105	103	99	97	93	91
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-CL</b>	Lumens	2,695	3,773	4,905	6,288	7,309	8,179	8,949	9,679	9,698
	Lumens per Watt	128	122	123	116	114	111	108	103	101
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	2,616	3,661	4,760	6,102	7,093	7,937	8,685	9,392	9,413
	Lumens per Watt	125	118	119	113	111	107	105	100	98
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	2,430	3,401	4,420	5,668	6,588	7,372	8,066	8,723	8,742
	Lumens per Watt	116	110	110	105	103	100	97	93	91
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (5000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
<b>Optics</b>										
<b>T3-HSS</b>	Lumens	2,126	2,976	3,869	4,959	5,765	6,451	7,059	7,634	7,650
	Lumens per Watt	101	96	97	92	90	87	85	81	80
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,856	3,997	5,196	6,660	7,742	8,664	9,480	10,253	10,274
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	2,388	3,343	4,346	5,572	6,476	7,247	7,929	8,576	8,594
	Lumens per Watt	114	108	109	103	101	98	96	91	90
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T4W-CL</b>	Lumens	2,684	3,758	4,885	6,262	7,280	8,145	8,913	9,639	9,660
	Lumens per Watt	128	121	122	116	114	110	107	103	101
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	2,595	3,631	4,721	6,053	7,036	7,873	8,615	9,316	9,336
	Lumens per Watt	124	117	118	112	110	106	104	99	97
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	2,414	3,377	4,391	5,629	6,542	7,322	8,012	8,663	8,683
	Lumens per Watt	115	109	110	104	102	99	97	92	90
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	2,092	2,928	3,806	4,879	5,671	6,347	6,944	7,510	7,525
	Lumens per Watt	100	94	95	90	89	86	84	80	78
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>5WQ</b>	Lumens	2,971	4,158	5,405	6,929	8,055	9,014	9,862	10,666	10,688
	Lumens per Watt	141	134	135	128	126	122	119	113	111
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G3	B4-U0-G3
<b>5WQ-A</b>	Lumens	2,480	3,471	4,513	5,786	6,726	7,525	8,235	8,905	8,924
	Lumens per Watt	118	112	113	107	105	102	99	95	93
	BUG Rating	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>5WQ-CL</b>	Lumens	2,854	3,995	5,192	6,658	7,739	8,660	9,475	10,248	10,269
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B4-U3-G3	B4-U3-G3	B4-U3-G3
<b>5WQ-TL</b>	Lumens	2,730	3,821	4,967	6,368	7,402	8,283	9,063	9,802	9,823
	Lumens per Watt	130	123	124	118	116	112	109	104	102
	BUG Rating	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B4-U3-G3	B4-U3-G3
<b>5WQ-FP</b>	Lumens	2,545	3,563	4,630	5,938	6,901	7,722	8,450	9,140	9,158
	Lumens per Watt	121	115	116	110	108	104	102	97	95
	BUG Rating	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G4	B3-U4-G4	B3-U4-G4

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (6000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
<b>Optics</b>										
<b>T2U</b>	Lumens	2,875	4,024	5,231	6,705	7,794	8,723	9,544	10,321	10,343
	Lumens per Watt	137	130	131	124	122	118	115	110	108
	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3
<b>T2U-A</b>	Lumens	2,461	3,444	4,476	5,740	6,672	7,466	8,168	8,834	8,853
	Lumens per Watt	117	111	112	106	104	101	98	94	92
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3
<b>T2U-CL</b>	Lumens	2,682	3,754	4,880	6,258	7,273	8,138	8,905	9,631	9,651
	Lumens per Watt	128	121	122	116	114	110	107	102	101
	BUG Rating	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>T2U-TL</b>	Lumens	2,637	3,690	4,799	6,152	7,151	8,002	8,755	9,468	9,488
	Lumens per Watt	126	119	120	114	112	108	105	101	99
	BUG Rating	B1-U3-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>T2U-FP</b>	Lumens	2,458	3,441	4,473	5,736	6,668	7,460	8,164	8,828	8,847
	Lumens per Watt	117	111	112	106	104	101	98	94	92
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T2U-HSS</b>	Lumens	1,949	2,728	3,547	4,546	5,285	5,914	6,471	6,998	7,013
	Lumens per Watt	93	88	89	84	83	80	78	74	73
	BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
<b>SL3</b>	Lumen	2,784	3,896	5,065	6,493	7,547	8,446	9,241	9,994	10,015
	Lumens per Watt	133	126	127	120	118	114	111	106	104
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>SL3-A</b>	Lumen	2,320	3,247	4,219	5,410	6,288	7,037	7,699	8,326	8,344
	Lumens per Watt	110	105	105	100	98	95	93	89	87
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-CL</b>	Lumens	2,608	3,651	4,746	6,085	7,073	7,915	8,660	9,365	9,385
	Lumens per Watt	124	118	119	113	111	107	104	100	98
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-TL</b>	Lumens	2,527	3,535	4,597	5,893	6,849	7,665	8,387	9,070	9,090
	Lumens per Watt	120	114	115	109	107	104	101	96	95
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	2,344	3,282	4,265	5,470	6,359	7,114	7,784	8,419	8,437
	Lumens per Watt	112	106	107	101	99	96	94	90	88
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>SL3-HSS</b>	Lumens	2,305	3,226	4,194	5,376	6,250	6,994	7,652	8,276	8,293
	Lumens per Watt	110	104	105	100	98	95	92	88	86
	BUG Rating	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (6000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T3</b>	Lumens	2,853	3,992	5,190	6,653	7,733	8,654	9,469	10,241	10,262
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T3-A</b>	Lumens	2,425	3,395	4,413	5,657	6,577	7,359	8,052	8,709	8,727
	Lumens per Watt	115	110	110	105	103	99	97	93	91
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-CL</b>	Lumens	2,695	3,773	4,905	6,288	7,309	8,179	8,949	9,679	9,698
	Lumens per Watt	128	122	123	116	114	111	108	103	101
	BUG Rating	B1-U2-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	2,616	3,661	4,760	6,102	7,093	7,937	8,685	9,392	9,413
	Lumens per Watt	125	118	119	113	111	107	105	100	98
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	2,430	3,401	4,420	5,668	6,588	7,372	8,066	8,723	8,742
	Lumens per Watt	116	110	110	105	103	100	97	93	91
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T3-HSS</b>	Lumens	2,126	2,976	3,869	4,959	5,765	6,451	7,059	7,634	7,650
	Lumens per Watt	101	96	97	92	90	87	85	81	80
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,856	3,997	5,196	6,660	7,742	8,664	9,480	10,253	10,274
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	2,388	3,343	4,346	5,572	6,476	7,247	7,929	8,576	8,594
	Lumens per Watt	114	108	109	103	101	98	96	91	90
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T4W-CL</b>	Lumens	2,684	3,758	4,885	6,262	7,280	8,145	8,913	9,639	9,660
	Lumens per Watt	128	121	122	116	114	110	107	103	101
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	2,595	3,631	4,721	6,053	7,036	7,873	8,615	9,316	9,336
	Lumens per Watt	124	117	118	112	110	106	104	99	97
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	2,414	3,377	4,391	5,629	6,542	7,322	8,012	8,663	8,683
	Lumens per Watt	115	109	110	104	102	99	97	92	90
	BUG Rating	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	2,092	2,928	3,806	4,879	5,671	6,347	6,944	7,510	7,525
	Lumens per Watt	100	94	95	90	89	86	84	80	78
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (6000K CCT, 70 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
Optics										
<b>5WQ</b>	Lumens	2,971	4,158	5,405	6,929	8,055	9,014	9,862	10,666	10,688
	Lumens per Watt	141	134	135	128	126	122	119	113	111
	BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B4-U0-G2	B4-U0-G2	B4-U0-G3	B4-U0-G3
<b>5WQ-A</b>	Lumens	2,480	3,471	4,513	5,786	6,726	7,525	8,235	8,905	8,924
	Lumens per Watt	118	112	113	107	105	102	99	95	93
	BUG Rating	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>5WQ-CL</b>	Lumens	2,854	3,995	5,192	6,658	7,739	8,660	9,475	10,248	10,269
	Lumens per Watt	136	129	130	123	121	117	114	109	107
	BUG Rating	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B4-U3-G3	B4-U3-G3	B4-U3-G3
<b>5WQ-TL</b>	Lumens	2,730	3,821	4,967	6,368	7,402	8,283	9,063	9,802	9,823
	Lumens per Watt	130	123	124	118	116	112	109	104	102
	BUG Rating	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3	B4-U3-G3	B4-U3-G3
<b>5WQ-FP</b>	Lumens	2,545	3,563	4,630	5,938	6,901	7,722	8,450	9,140	9,158
	Lumens per Watt	121	115	116	110	108	104	102	97	95
	BUG Rating	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G4	B3-U4-G4	B3-U4-G4

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
Optics										
<b>T2U</b>	Lumens	2,114	2,958	3,845	4,929	5,730	6,412	7,016	7,588	7,603
	Lumens per Watt	101	95	96	91	90	87	85	81	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
<b>T2U-A</b>	Lumens	1,809	2,532	3,290	4,220	4,905	5,488	6,004	6,494	6,508
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-CL</b>	Lumens	1,972	2,760	3,587	4,600	5,347	5,982	6,546	7,080	7,095
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-TL</b>	Lumens	1,939	2,713	3,528	4,522	5,257	5,882	6,436	6,960	6,975
	Lumens per Watt	92	88	88	84	82	79	78	74	73
	BUG Rating	B1-U2-G1	B1-U3-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-FP</b>	Lumens	1,807	2,530	3,288	4,217	4,902	5,484	6,002	6,490	6,504
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
<b>Optics</b>										
<b>T2U-HSS</b>	Lumens	1,433	2,006	2,607	3,342	3,885	4,348	4,757	5,145	5,155
	Lumens per Watt	68	65	65	62	61	59	57	55	54
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
<b>SL3</b>	Lumen	2,046	2,864	3,723	4,773	5,548	6,209	6,793	7,347	7,362
	Lumens per Watt	97	92	93	88	87	84	82	78	77
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3
<b>SL3-A</b>	Lumen	1,705	2,387	3,101	3,977	4,622	5,173	5,660	6,121	6,134
	Lumens per Watt	81	77	78	74	72	70	68	65	64
	BUG Rating	B0-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>SL3-CL</b>	Lumens	1,917	2,684	3,489	4,473	5,199	5,818	6,366	6,884	6,899
	Lumens per Watt	91	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>SL3-TL</b>	Lumens	1,858	2,599	3,379	4,332	5,035	5,635	6,165	6,668	6,682
	Lumens per Watt	88	84	84	80	79	76	74	71	70
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	1,723	2,413	3,135	4,021	4,675	5,230	5,722	6,189	6,202
	Lumens per Watt	82	78	78	74	73	71	69	66	65
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-HSS</b>	Lumens	1,695	2,372	3,083	3,952	4,594	5,141	5,625	6,084	6,096
	Lumens per Watt	81	77	77	73	72	69	68	65	64
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T3</b>	Lumens	2,097	2,935	3,815	4,891	5,685	6,362	6,961	7,528	7,544
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2
<b>T3-A</b>	Lumens	1,783	2,496	3,244	4,159	4,835	5,410	5,919	6,402	6,415
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>T3-CL</b>	Lumens	1,981	2,774	3,606	4,622	5,373	6,013	6,579	7,115	7,129
	Lumens per Watt	94	89	90	86	84	81	79	76	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	1,923	2,691	3,499	4,486	5,214	5,835	6,385	6,904	6,920
	Lumens per Watt	92	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	1,786	2,500	3,249	4,167	4,843	5,419	5,929	6,412	6,426
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (2700K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
<b>Optics</b>										
<b>T3-HSS</b>	Lumens	1,563	2,188	2,844	3,646	4,238	4,742	5,189	5,612	5,623
	Lumens per Watt	74	71	71	68	66	64	63	60	59
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,099	2,938	3,819	4,896	5,692	6,369	6,969	7,537	7,552
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	1,755	2,458	3,195	4,096	4,761	5,327	5,829	6,304	6,318
	Lumens per Watt	84	79	80	76	74	72	70	67	66
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>T4W-CL</b>	Lumens	1,973	2,763	3,591	4,603	5,352	5,988	6,552	7,086	7,101
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	1,908	2,669	3,470	4,450	5,172	5,788	6,333	6,848	6,863
	Lumens per Watt	91	86	87	82	81	78	76	73	71
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	1,775	2,482	3,228	4,138	4,809	5,383	5,890	6,368	6,383
	Lumens per Watt	85	80	81	77	75	73	71	68	66
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	1,538	2,152	2,798	3,587	4,169	4,666	5,105	5,521	5,532
	Lumens per Watt	73	69	70	66	65	63	62	59	58
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>5WQ</b>	Lumens	2,184	3,057	3,974	5,094	5,921	6,626	7,250	7,841	7,857
	Lumens per Watt	104	99	99	94	93	90	87	83	82
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2
<b>5WQ-A</b>	Lumens	1,823	2,552	3,318	4,253	4,944	5,532	6,054	6,546	6,560
	Lumens per Watt	87	82	83	79	77	75	73	70	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2
<b>5WQ-CL</b>	Lumens	2,098	2,937	3,817	4,894	5,689	6,366	6,965	7,534	7,549
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B2-U2-G1	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-TL</b>	Lumens	2,007	2,809	3,651	4,681	5,441	6,089	6,662	7,206	7,221
	Lumens per Watt	96	91	91	87	85	82	80	77	75
	BUG Rating	B2-U3-G1	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-FP</b>	Lumens	1,871	2,619	3,404	4,365	5,073	5,677	6,212	6,719	6,732
	Lumens per Watt	89	84	85	81	79	77	75	71	70
	BUG Rating	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3

NOTES: \* Photometric data is reported for lower hemisphere only.



## Nominal Power and Lumens (3000K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*		PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
<b>Power (Watts)</b>		21	31	40	54	64	74	83	94	96
<b>Wattage Label</b>		20	30	40	50	60	70	80	90	100
<b>Optics</b>										
<b>T2U</b>	Lumens	2,285	3,198	4,156	5,328	6,194	6,931	7,584	8,202	8,219
	Lumens per Watt	109	103	104	99	97	94	91	87	86
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
<b>T2U-A</b>	Lumens	1,809	2,532	3,290	4,220	4,905	5,488	6,004	6,494	6,508
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-CL</b>	Lumens	1,972	2,760	3,587	4,600	5,347	5,982	6,546	7,080	7,095
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U2-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-TL</b>	Lumens	1,939	2,713	3,528	4,522	5,257	5,882	6,436	6,960	6,975
	Lumens per Watt	92	88	88	84	82	79	78	74	73
	BUG Rating	B1-U2-G1	B1-U3-G1	B1-U3-G1	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2
<b>T2U-FP</b>	Lumens	1,807	2,530	3,288	4,217	4,902	5,484	6,002	6,490	6,504
	Lumens per Watt	86	82	82	78	77	74	72	69	68
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T2U-HSS</b>	Lumens	1,549	2,168	2,818	3,613	4,200	4,700	5,142	5,561	5,573
	Lumens per Watt	74	70	70	67	66	64	62	59	58
	BUG Rating	B0-U0-G0	B0-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1
<b>SL3</b>	Lumen	2,212	3,096	4,025	5,159	5,997	6,711	7,343	7,942	7,958
	Lumens per Watt	105	100	101	96	94	91	88	84	83
	BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3	B1-U0-G3
<b>SL3-A</b>	Lumen	1,705	2,387	3,101	3,977	4,622	5,173	5,660	6,121	6,134
	Lumens per Watt	81	77	78	74	72	70	68	65	64
	BUG Rating	B0-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>SL3-CL</b>	Lumens	1,917	2,684	3,489	4,473	5,199	5,818	6,366	6,884	6,899
	Lumens per Watt	91	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U2-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>SL3-TL</b>	Lumens	1,858	2,599	3,379	4,332	5,035	5,635	6,165	6,668	6,682
	Lumens per Watt	88	84	84	80	79	76	74	71	70
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B2-U3-G3	B2-U3-G3
<b>SL3-FP</b>	Lumens	1,723	2,413	3,135	4,021	4,675	5,230	5,722	6,189	6,202
	Lumens per Watt	82	78	78	74	73	71	69	66	65
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3	B1-U4-G3
<b>SL3-HSS</b>	Lumens	1,832	2,564	3,333	4,272	4,966	5,558	6,081	6,576	6,590
	Lumens per Watt	87	83	83	79	78	75	73	70	69
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (3000K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>T3</b>	Lumens	2,267	3,173	4,124	5,287	6,145	6,877	7,524	8,138	8,154
	Lumens per Watt	108	102	103	98	96	93	91	87	85
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2
<b>T3-A</b>	Lumens	1,783	2,496	3,244	4,159	4,835	5,410	5,919	6,402	6,415
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3
<b>T3-CL</b>	Lumens	1,981	2,774	3,606	4,622	5,373	6,013	6,579	7,115	7,129
	Lumens per Watt	94	89	90	86	84	81	79	76	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-TL</b>	Lumens	1,923	2,691	3,499	4,486	5,214	5,835	6,385	6,904	6,920
	Lumens per Watt	92	87	87	83	81	79	77	73	72
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T3-FP</b>	Lumens	1,786	2,500	3,249	4,167	4,843	5,419	5,929	6,412	6,426
	Lumens per Watt	85	81	81	77	76	73	71	68	67
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G3	B2-U4-G3
<b>T3-HSS</b>	Lumens	1,690	2,365	3,074	3,941	4,581	5,126	5,609	6,066	6,079
	Lumens per Watt	80	76	77	73	72	69	68	65	63
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2
<b>T4W</b>	Lumens	2,269	3,176	4,129	5,293	6,152	6,885	7,533	8,147	8,164
	Lumens per Watt	108	102	103	98	96	93	91	87	85
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B2-U0-G3
<b>T4W-A</b>	Lumens	1,755	2,458	3,195	4,096	4,761	5,327	5,829	6,304	6,318
	Lumens per Watt	84	79	80	76	74	72	70	67	66
	BUG Rating	B1-U3-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U3-G3
<b>T4W-CL</b>	Lumens	1,973	2,763	3,591	4,603	5,352	5,988	6,552	7,086	7,101
	Lumens per Watt	94	89	90	85	84	81	79	75	74
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-TL</b>	Lumens	1,908	2,669	3,470	4,450	5,172	5,788	6,333	6,848	6,863
	Lumens per Watt	91	86	87	82	81	78	76	73	71
	BUG Rating	B1-U2-G1	B1-U3-G2	B1-U3-G2	B1-U3-G2	B1-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3	B2-U3-G3
<b>T4W-FP</b>	Lumens	1,775	2,482	3,228	4,138	4,809	5,383	5,890	6,368	6,383
	Lumens per Watt	85	80	81	77	75	73	71	68	66
	BUG Rating	B1-U3-G2	B1-U3-G2	B1-U3-G3	B1-U3-G3	B1-U3-G3	B1-U4-G3	B2-U4-G3	B2-U4-G4	B2-U4-G4
<b>T4W-HSS</b>	Lumens	1,662	2,327	3,024	3,877	4,507	5,043	5,518	5,968	5,980
	Lumens per Watt	79	75	76	72	70	68	66	63	62
	BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2	B1-U0-G2

NOTES: \* Photometric data is reported for lower hemisphere only.

## Nominal Power and Lumens (3000K CCT, 80 CRI)(Standard Configuration - No Bird Cone)

Light Engine*	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100	
<b>Power (Watts)</b>	21	31	40	54	64	74	83	94	96	
<b>Wattage Label</b>	20	30	40	50	60	70	80	90	100	
<b>Optics</b>										
<b>5WQ</b>	Lumens	2,361	3,304	4,295	5,506	6,401	7,163	7,837	8,476	8,493
	Lumens per Watt	112	107	107	102	100	97	94	90	88
	BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2	B3-U0-G2
<b>5WQ-A</b>	Lumens	1,823	2,552	3,318	4,253	4,944	5,532	6,054	6,546	6,560
	Lumens per Watt	87	82	83	79	77	75	73	70	68
	BUG Rating	B1-U3-G1	B1-U3-G1	B1-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U3-G2	B2-U4-G2	B2-U4-G2
<b>5WQ-CL</b>	Lumens	2,098	2,937	3,817	4,894	5,689	6,366	6,965	7,534	7,549
	Lumens per Watt	100	95	95	91	89	86	84	80	79
	BUG Rating	B2-U2-G1	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-TL</b>	Lumens	2,007	2,809	3,651	4,681	5,441	6,089	6,662	7,206	7,221
	Lumens per Watt	96	91	91	87	85	82	80	77	75
	BUG Rating	B2-U3-G1	B2-U3-G2	B2-U3-G2	B3-U3-G2	B3-U3-G2	B3-U3-G3	B3-U3-G3	B3-U3-G3	B3-U3-G3
<b>5WQ-FP</b>	Lumens	1,871	2,619	3,404	4,365	5,073	5,677	6,212	6,719	6,732
	Lumens per Watt	89	84	85	81	79	77	75	71	70
	BUG Rating	B1-U3-G2	B1-U3-G2	B2-U3-G2	B2-U3-G3	B2-U4-G3	B2-U4-G3	B3-U4-G3	B3-U4-G3	B3-U4-G3
<b>NOTES:</b> * Photometric data is reported for lower hemisphere only.										

## Energy and Performance Data

## Nominal Power and Lumens (2200K CCT, 70 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power and Lumens (2700K CCT, 70 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power and Lumens (3000K CCT, 70 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power and Lumens (5000K CCT, 70 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power Lumens (6000K CCT, 70 CRI)

Light Engine *	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power and Lumens (2700K CCT, 80 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21

## Nominal Power and Lumens (3000K CCT, 80 CRI)

Light Engine	PA1-20	PA1-30	PA1-40	PA1-50	PA1-60	PA1-70	PA1-80	PA1-90	PA1-100
Power (Watts)	21	31	40	54	64	74	83	94	96
Wattage Label	20	30	40	50	60	70	80	90	100
Input Current @ 120V (A)	0.18	0.26	0.34	0.45	0.53	0.62	0.70	0.78	0.80
Input Current @ 277V (A)	--	0.12	0.15	0.21	0.24	0.28	0.31	0.35	0.35
Input Current @ 347V (A)	--	0.10	0.13	0.16	0.19	0.22	0.24	0.28	0.28
Input Current @ 480V (A)	--	0.07	0.09	0.13	0.14	0.17	0.18	0.21	0.21