



**LED wattage and lumen values  
CP04XX and CPG04XX**

HSS= House Side Shield	System Watts (W)	LED Current (mA)	3000K		4000K		B	U	G
			Lumen Output	Efficacy (LM/W)	Lumen Output	Efficacy (LM/W)			
18 LED01 L1	10	175	1093	109	1137	114	B1	U0	G1
18 LED02 L1	15	250	1662	111	1700	113	B1	U0	G1
18 LED03 L1	20	350	2187	109	2274	114	B1	U0	G1
18 LED05 L1	30	530	3280	109	3412	114	B1	U0	G1
18 LED05 L2B	30	530	3167	106	3442	115	B1	U0	G1
18 LED05 L2B HSS	30	530	2435	81	2647	88	B1	U0	G1
18 LED05 L3	30	530	3358	112	3619	121	B1	U0	G1
18 LED05 L3 HSS	30	530	2872	96	3143	105	B1	U0	G1
18 LED05 L3FL	30	530	2919	97	3162	105	B1	U0	G1
18 LED05 L3FL HSS	30	530	1868	62	2116	71	B2	U0	G2
12 LED05 L4	20	530	2163	108	2343	117	B3	U0	G2
12 LED05 L4 HSS	20	530	1733	87	1877	94	B3	U0	G2
18 LED05 L5S	30	530	3430	114	3747	125	B2	U0	G1
18 LED07 L1	40	700	4360	109	4549	114	B1	U0	G1
18 LED07 L2B	40	700	4131	103	4544	114	B1	U0	G1
18 LED07 L2B HSS	40	700	3177	79	3494	87	B1	U0	G1
18 LED07 L3	40	700	4131	103	4776	119	B1	U0	G1
18 LED07 L3 HSS	40	700	3790	95	4148	104	B1	U0	G1
18 LED07 L3FL	40	700	3853	96	4173	104	B1	U0	G1
18 LED07 L3FL HSS	40	700	1466	37	2818	70	B2	U0	G2
12 LED07 L4	27	700	2884	107	3064	113	B3	U0	G2
12 LED07 L4 HSS	27	700	2310	86	2455	91	B3	U0	G2
18 LED07 L5S	40	700	4528	113	4946	124	B2	U0	G1
36 LED05 L2B	60	530	6334	106	6885	115	B1	U0	G1
36 LED05 L2B HSS	60	530	4871	81	5295	88	B1	U0	G1
36 LED05 L3	60	530	6716	112	7237	121	B1	U0	G1
36 LED05 L3 HSS	60	530	5743	96	6285	105	B1	U0	G1
36 LED05 L3FL	60	530	5839	97	6323	105	B2	U0	G2
36 LED05 L3FL HSS	60	530	3736	62	4246	71	B2	U0	G2
24 LED05 L4	40	530	4326	108	4507	113	B3	U0	G2
24 LED05 L4 HSS	40	530	3465	87	3610	90	B3	U0	G2
36 LED05 L5S	60	530	6861	114	7494	125	B3	U0	G1
36 LED07 L2B	80	700	8614	108	9225	115	B2	U0	G2
36 LED07 L2B HSS	80	700	6624	83	7095	89	B1	U0	G1
36 LED07 L3	80	700	8999	112	9698	121	B1	U0	G2
36 LED07 L3 HSS	80	700	7696	96	8422	105	B1	U0	G2
36 LED07 L3FL	80	700	7824	98	8473	106	B2	U0	G2
36 LED07 L3FL HSS	80	700	5006	63	5689	71	B2	U0	G2
24 LED07 L4	54	700	5949	110	6129	114	B3	U0	G2
24 LED07 L4 HSS	54	700	4765	88	4909	91	B3	U0	G2
36 LED07 L5S	80	700	9193	115	10041	126	B3	U0	G1
54 LED05 L2B	90	530	9501	106	10327	115	B2	U0	G2
54 LED05 L2B HSS	90	530	7306	81	7942	88	B1	U0	G1
54 LED05 L3	90	530	10073	112	10856	121	B2	U0	G2
54 LED05 L3 HSS	90	530	8615	96	9427	105	B1	U0	G2
54 LED05 L3FL	90	530	8758	97	9485	105	B2	U0	G2
54 LED05 L3FL HSS	90	530	5604	62	6368	71	B2	U0	G2
36 LED05 L4	60	530	6489	108	6850	114	B3	U0	G2
36 LED05 L4 HSS	60	530	5198	87	5487	91	B3	U0	G2
54 LED05 L5S	90	530	10291	114	11240	125	B3	U0	G1
54 LED07 L2B	120	700	12667	106	13769	115	B2	U0	G2
54 LED07 L2B HSS	120	700	9742	81	10557	88	B2	U0	G1
54 LED07 L3	120	700	13431	112	14474	121	B2	U0	G2
54 LED07 L3 HSS	120	700	11452	95	12531	104	B1	U0	G2
54 LED07 L3FL	120	700	11677	97	12646	105	B3	U0	G3
54 LED07 L3FL HSS	120	700	7447	62	8465	71	B2	U0	G2
36 LED07 L4	80	700	8652	108	9013	113	B3	U0	G2
36 LED07 L4 HSS	80	700	6931	87	7220	90	B3	U0	G2
54 LED07 L5S	120	700	13721	114	14987	125	B3	U0	G2
72 LED05 L2B	120	530	12667	106	13769	115	B2	U0	G2
72 LED05 L2B HSS	120	530	9742	81	10557	88	B2	U0	G1
72 LED05 L3	120	530	13431	112	14474	121	B2	U0	G2
72 LED05 L3 HSS	120	530	11452	95	12531	104	B1	U0	G2
72 LED05 L3FL	120	530	11677	97	12646	105	B3	U0	G3
72 LED05 L3FL HSS	120	530	7447	62	8465	71	B2	U0	G2
48 LED05 L4	80	530	9013	113	9374	117	B3	U0	G2
48 LED05 L4 HSS	80	530	6931	87	7508	94	B3	U0	G2
72 LED05 L5S	120	530	13721	114	14987	125	B3	U0	G2

## LED wattage and lumen values CP04XX and CPG04XX

HSS= House Side Shield	System Watts (W)	LED Current (mA)	3000K		4000K		B	U	G
			Lumen Output	Efficacy (LM/W)	Lumen Output	Efficacy (LM/W)			
72 LED05 L2B	120	530	12667	106	13769	115	B2	U0	G2
72 LED05 L2B HSS	120	530	9742	81	10557	88	B2	U0	G1
72 LED05 L3	120	530	13431	112	14474	121	B2	U0	G2
72 LED05 L3 HSS	120	530	11452	95	12531	104	B1	U0	G2
72 LED05 L3FL	120	530	11677	97	12646	105	B3	U0	G3
72 LED05 L3FL HSS	120	530	7447	62	8465	71	B2	U0	G2
48 LED05 L4	80	530	9013	113	9374	117	B3	U0	G2
48 LED05 L4 HSS	80	530	6931	87	7508	94	B3	U0	G2
72 LED05 L5S	120	530	13721	114	14987	125	B3	U0	G2
	<b>CPG only</b>								
72 LED07 L2B	160	700	16523	103	17900	112	B3	U0	G2
72 LED07 L2B HSS	160	700	12600	79	13765	86	B2	U0	G1
72 LED07 L3	160	700	17460	109	18816	118	B2	U0	G2
72 LED07 L3 HSS	160	700	14932	93	16340	102	B1	U0	G2
72 LED07 L3FL	160	700	15180	95	16440	103	B3	U0	G3
72 LED07 L3FL HSS	160	700	9713	61	11038	69	B2	U0	G2
48 LED07 L4	107	700	11356	106	11897	111	B3	U0	G2
48 LED07 L4 HSS	107	700	9097	85	9530	89	B3	U0	G2
72 LED07 L5S	160	700	17837	111	19483	122	B4	U0	G2
90 LED05 L2B	150	530	15284	102	16660	111	B3	U0	G2
90 LED05 L2B HSS	150	530	11754	78	12812	85	B2	U0	G1
90 LED05 L3	150	530	16252	108	17514	117	B2	U0	G2
90 LED05 L3 HSS	150	530	13898	93	15209	101	B1	U0	G2
90 LED05 L3FL	150	530	14129	94	15302	102	B3	U0	G3
90 LED05 L3FL HSS	150	530	9041	60	10274	68	B2	U0	G2
60 LED05 L4	100	530	10816	108	11176	112	B3	U0	G2
72 LED05 L4	120	530	14781	123	14781	123	B3	U0	G2
60 LED05 L4 HSS	100	530	8663	87	8952	90	B3	U0	G2
72 LED05 L4 HSS	120	530	11407	95	11840	99	B3	U0	G2
90 LED05 L5S	150	530	16602	111	18134	121	B4	U0	G2
90 LED07 L2B	190	700	19001	100	20654	109	B3	U0	G2
90 LED07 L2B HSS	190	700	14613	77	15883	84	B1	U0	G1
90 LED07 L3	190	700	20147	106	21711	114	B2	U0	G2
90 LED07 L3 HSS	190	700	17229	91	18854	99	B1	U0	G2
90 LED07 L3FL	190	700	17516	92	18969	100	B3	U0	G3
90 LED07 L3FL HSS	190	700	11208	59	12736	67	B2	U0	G2
60 LED07 L4	134	700	14601	109	15142	113	B3	U0	G2
72 LED07 L4	160	700	17305	108	18026	113	B3	U0	G2
60 LED07 L4 HSS	134	700	11696	87	12129	91	B3	U0	G2
72 LED07 L4 HSS	160	700	13861	87	14439	90	B3	U0	G2
90 LED07 L5S	190	700	20582	108	22481	118	B4	U0	G2

HSS= House Side Shield	System Watts (W)	LED Current (mA)	1800K		2200K		B	U	G
			Lumen Output	Efficacy (LM/W)	Lumen Output	Efficacy (LM/W)			
18 LED03 L3	15	350	345	23			B0	U0	G0
36 LED03 L3	30	350	690	23			B0	U0	G0
54 LED03 L3	45	350	1036	23			B0	U0	G0
72 LED03 L3	60	350	1382	23			B0	U0	G0
90 LED03 L3	75	350	1727	23			B0	U0	G0
108 LED03 L3	90	350	2072	23			B0	U0	G0
18 LED03 L3	20	350			2018	101	B2	U0	G2
18 LED05 L3	30	530			3040	101	B2	U0	G2
36 LED05 L3	60	530			6079	101	B2	U0	G2
54 LED05 L3	90	530			9119	101	B2	U0	G2
72 LED05 L3	120	530			12121	101	B2	U0	G2
18 LED07 L3	40	700			4049	101	B2	U0	G2
36 LED07 L3	80	700			8,098	101	B2	U0	G2
54 LED07 L3	120	700			12,121	101	B2	U0	G2

### Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70

Ambient Temperature °C	Driver mA	Calculated L70 Hours
25°C	up to 700 mA	>100,000 hours

Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without prior notice and at the discretion of Lumca. IES files with other lens, CCT, Distribution and/or HSS (house side shield) are also available – contact factory.

