

 GM 3030 White LED CHIP for LED grow Light																
Updated Date: 2021-04-07																
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030 /3.0 3800-4200K 34-36LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 2036-JC2235B/ JUCAN 22*35MIL*2 CHIPS	VF(V)	2.69	2.71	2.73	2.74	2.75	2.75	2.77	2.79	2.83	2.87	2.91	2.94	2.97	3.01	3.06
	Φv(lm)	29.8	34.5	37.18	39.9	42.9	45.67	50.84	56.5	69.8	82.6	95.5	107.4	119.5	131.3	151.6
	Φe(mW)	101.7	108.5	117.1	125.8	133.8	143.9	160.6	178.4	223.5	262	302.6	341.9	380.7	419.4	487.3
	Light efficiency(lm/W)	221.6	211.2	209.8	208.4	208	207.2	203.9	202.6	197.3	192.1	187.5	182.9	178.8	174.9	165.1
	PPF(μmol/s)	0.41	0.49	0.53	0.57	0.61	0.65	0.73	0.81	0.99	1.19	1.37	1.55	1.73	1.91	2.21
	PPE(μmol/J)	3.07	3.03	3.01	2.99	2.98	2.97	2.93	2.91	2.83	2.77	2.71	2.64	2.59	2.53	2.41
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 4800-5200K 34-36LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 2036-JC2235B/ JUCAN 22*35MIL*2 CHIPS	VF(V)	2.71	2.73	2.74	2.75	2.76	2.77	2.79	2.81	2.85	2.89	2.93	2.97	3.00	3.04	3.11
	Φv(lm)	30	34.8	37.5	40.28	43.2	46.1	51.4	57.1	70.2	83.4	96.2	108.5	121.3	132.7	153.5
	Φe(mW)	104.5	111	120	128.9	138.2	147.5	164.8	183.1	176.5	269.1	310.6	351.9	393.5	432.2	503.6
	Light efficiency(lm/W)	221.5	212.2	210.7	209.3	208.8	208.0	204.5	203.2	197.1	192.2	187.6	182.7	179.7	174.5	164.6
	PPF(μmol/s)	0.40	0.49	0.54	0.58	0.62	0.66	0.74	0.82	1.02	1.21	1.39	1.57	1.75	1.93	2.45
	PPE(μmol/J)	3.08	3.04	3.02	3.00	2.99	2.98	2.94	2.92	2.85	2.77	2.71	2.65	2.60	2.54	2.41
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 2800-3200K 34-36LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 3034- JC2235B/JUCAN 22*35MIL*3 CHIPS	VF(V)	2.665	2.681	2.687	2.696	2.703	2.711	2.725	2.738	2.769	2.8	2.828	2.856	2.884	2.91	2.961
	Φv(lm)	26.46	31.77	34.25	36.78	39.43	41.95	47.18	52.03	64.69	76.49	88.55	99.99	112.3	122.8	145.6
	Φe(mW)	86.89	104.3	112.5	120.9	129.6	138	155.1	171.3	213.1	252.5	292.6	330.9	371.7	407.4	483.3
	Light efficiency(lm/W)	198.69	197.57	196.25	195.03	194.63	193.55	192.48	190.12	187.05	182.24	179.03	175.23	173.22	168.93	164.02
	PPF(μmol/s)	0.40	0.48	0.52	0.56	0.60	0.64	0.72	0.79	0.98	1.17	1.35	1.53	1.71	1.88	2.23
	PPE(μmol/J)	3.01	3.00	2.98	2.96	2.96	2.94	2.92	2.89	2.84	2.78	2.73	2.67	2.64	2.58	2.51
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 3800-4800K 34-36LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 3034- JC2235B/JUCAN 22*35MIL*3 CHIPS	VF(V)	2.67	2.68	2.69	2.69	2.70	2.71	2.72	2.73	2.76	2.79	2.83	2.86	2.88	2.91	2.96
	Φv(lm)	28.83	34.32	37.34	39.89	42.51	45.23	50.92	56.03	69.61	81.99	95.2	106.6	119.7	130.1	153.5
	Φe(mW)	91.1	108	117.4	125.7	134.1	142.8	160.7	177.2	220.3	260.5	302.5	340.2	381.7	416.7	492.4
	Light efficiency(lm/W)	215.97	213.29	213.62	212.09	210.22	209.09	208.15	205.31	201.71	195.90	192.34	186.72	184.63	178.97	172.92
	PPF(μmol/s)	0.41	0.49	0.53	0.57	0.61	0.65	0.73	0.80	1.00	1.18	1.37	1.54	1.73	1.88	2.23
	PPE(μmol/J)	3.10	3.05	3.05	3.03	3.01	3.00	2.98	2.95	2.89	2.82	2.77	2.70	2.66	2.59	2.51
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 4800-5200K 34-36LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 3034- JC2235B/JUCAN 22*35MIL*3 CHIPS	VF(V)	2.66	2.68	2.68	2.69	2.70	2.71	2.72	2.73	2.76	2.79	2.82	2.85	2.87	2.90	2.95
	Φv(lm)	29.0	34.6	37.6	40.3	43.1	46.1	51.4	57.2	70.9	83.6	97.3	109.3	123.0	134.4	159.5
	Φe(mW)	91.69	109.4	119	127.6	136.5	146	163.2	181.5	225.3	267	310.6	350.5	394.2	432.2	513.6
	Light efficiency(lm/W)	218.28	215.36	215.76	213.98	212.84	213.10	210.30	209.59	205.51	199.94	197.37	192.19	190.45	185.78	180.53
	PPF(μmol/s)	0.41	0.49	0.54	0.57	0.61	0.66	0.73	0.82	1.01	1.20	1.39	1.57	1.77	1.94	2.30
	PPE(μmol/J)	3.10	3.06	3.07	3.05	3.03	3.03	3.00	2.99	2.93	2.86	2.83	2.76	2.74	2.68	2.60
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 3800-4000K 36-38LM 60MA 3.0-3.2/I NO: GS- 3030ZW3-2036- SA2235B/SANAN 22*35MIL*2 CHIPS	VF(V)	2.68	2.70	2.71	2.72	2.73	2.73	2.75	2.77	2.81	2.85	2.89	2.93	2.97	3.00	3.07
	Φv(lm)	28.29	33.77	36.72	39.28	41.99	44.67	50.29	55.37	68.78	81.1	94.21	105.7	118.7	129.4	153.1
	Φe(mW)	88.85	106.1	115.3	123.7	132.3	140.8	158.4	174.8	217.1	256.8	298.1	335.7	376.7	412.2	488
	Light efficiency(lm/W)	211.36	208.79	208.79	206.83	205.57	204.39	203.11	200.06	195.90	189.77	186.32	180.62	178.09	172.60	166.29
	PPF(μmol/s)	0.40	0.48	0.53	0.56	0.60	0.64	0.72	0.79	0.99	1.17	1.35	1.52	1.71	1.87	2.21
	PPE(μmol/J)	3.02	2.99	2.98	2.96	2.95	2.93	2.91	2.87	2.81	2.73	2.68	2.60	2.56	2.49	2.40
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
GM 3030/3.0 3800-4000K 36-38LM 60MA 3.0-3.2/I NO-GS-3030ZW3- 3036- SA2235B/SANAN 22*35MIL*3 CHIPS	VF(V)	2.64	2.66	2.67	2.68	2.68	2.69	2.70	2.72	2.75	2.79	2.82	2.85	2.87	2.90	2.96
	Φv(lm)	28.81	34.75	37.45	40.27	43.34	46	51.52	57.44	71.31	84.42	98.32	110.8	124.7	136.6	162.5
	Φe(mW)	87.04	104.8	113.1	121.7	130.8	139	155.9	173.5	215.6	256	297.9	336.6	378.5	415.8	494.3
	Light efficiency(lm/W)	218.31	217.85	216.20	215.15	215.44	213.83	211.82	211.32	207.46	202.22	199.70	194.92	193.01	188.23	183.18
	PPF(μmol/s)	0.40	0.48	0.52	0.56	0.60	0.64	0.72	0.80	0.99	1.17	1.37	1.54	1.74	1.90	2.26
	PPE(μmol/J)	3.03	3.02	3.00	2.99	2.98	2.97	2.94	2.93	2.88	2.81	2.77	2.71	2.68	2.62	2.55