



GM 660NM SMD LED DATA LIST

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
3535 SMD LED 655-665NM 4-6LM 60MA 3.8-4.0/J NO: EPILED S 42*42MIL	VF(V)	1.78	1.80	1.80	1.81	1.82	1.82	1.84	1.85	1.88	1.91	1.94	1.96	1.99	2.01	2.06
	Φv(lm)	3.9	4.7	5.1	5.5	5.9	6.3	7.0	7.8	9.8	11.7	13.5	15.4	17.0	19.1	22.5
	Φe(mW)	62.7	75.5	88.3	88.3	94.5	100.8	113.6	126.3	158.3	190.1	221.4	252.9	283.3	315.5	376.3
	Light efficiency(lm/W)	43.90	43.62	43.27	43.35	43.01	42.85	42.51	42.16	41.54	40.74	39.93	39.22	38.07	37.93	36.39
	PPF(μmol/s)	0.34	0.41	0.45	0.48	0.52	0.55	0.62	0.69	0.87	1.04	1.21	1.38	1.55	1.72	2.06
	PPE(μmol/J)	3.84	3.82	3.81	3.81	3.79	3.78	3.76	3.73	3.68	3.63	3.57	3.52	3.47	3.43	3.33
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
3030 SMD LED CERAMIC WITH SILICONE LENS 655-665NM 4-6LM 60MA 3.8-4.0/J NO: EPILED S 42*42MIL	VF(V)	1.76	1.78	1.78	1.79	1.80	1.80	1.81	1.83	1.85	1.88	1.90	1.93	1.95	1.97	2.02
	Φv(lm)	3.9	4.8	5.2	5.6	6.0	6.5	7.3	8.2	10.3	12.5	14.6	16.7	18.8	20.9	25.1
	Φe(mW)	59.13	72.24	78.66	85.1	91.8	98.27	111.2	124.6	157.5	190.6	223.1	256.1	288.9	322.3	387.4
	Light efficiency(lm/W)	44.23	44.65	44.69	44.75	44.89	44.87	44.80	44.88	44.63	44.33	43.76	43.38	42.81	42.51	41.46
	PPF(μmol/s)	0.32	0.39	0.43	0.46	0.50	0.54	0.61	0.68	0.86	1.04	1.22	1.40	1.58	1.76	2.11
	PPE(μmol/J)	3.66	3.69	3.70	3.70	3.71	3.72	3.71	3.72	3.71	3.69	3.66	3.63	3.60	3.57	3.49
TEST CURRENT (mA) →	3V/1W	50	60	65	70	75	80	90	100	125	150	175	200	225	250	300
3030 SMD LED CERAMIC WITH SILICONE LENS 655-665NM 4-6LM 60MA 3.8-4.0/J NO: EPILED S 60*60MIL	VF(V)	1.74	1.75	1.75	1.76	1.76	1.77	1.78	1.78	1.80	1.82	1.84	1.86	1.87	1.89	1.92
	Φv(lm)	4.7	5.7	6.2	6.7	7.2	7.7	8.7	9.7	12.3	14.8	17.2	19.7	22.2	24.8	29.7
	Φe(mW)	66.4	80.5	87.5	94.5	101.7	108.7	122.8	137.2	173.1	208.8	244.0	280.1	316.0	352.4	423.6
	Light efficiency(lm/W)	54.35	54.59	54.64	54.64	54.74	54.67	54.61	54.66	54.44	54.04	53.51	53.21	52.78	52.50	51.67
	PPF(μmol/s)	0.36	0.44	0.48	0.51	0.55	0.59	0.67	0.75	0.94	1.14	1.33	1.52	1.72	1.92	2.31
	PPE(μmol/J)	4.16	4.18	4.18	4.18	4.19	4.19	4.18	4.19	4.18	4.16	4.13	4.11	4.08	4.06	4.01