



Fig.	Emitted Color	Lens Color	Wave Peak (nm)	Forward Voltage (V) (Typ.)	Forward Current (mA)	Typ. mcd @ Current (mA)	View Angle (°)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel\$		Osram Part No.
									1	10	100	Qty.	Pricing	
21	Super-Red	Diffused	645	2.0	25	104 @ 20	160	475-2512-1-ND	.05	.44	3.46	4,000	25.92/M	LS Q976-NR-1-0-20-R18
	Orange	Diffused	610	2.0	25	163 @ 20	160	475-2486-1-ND	.05	.44	3.46	4,000	25.92/M	LO Q976-PS-25-0-20-R18
	Yellow	Diffused	591	2.0	25	163 @ 20	160	475-2568-1-ND	.05	.44	3.46	4,000	25.92/M	LY Q976-P1S2-36-0-20-R18
22	Green	Diffused	572	2.2	25	26 @ 20	160	475-1407-1-ND	.04	.33	2.66	3,000	19.93/M	LG N971-KN-1-0-20-R18
	Yellow	Diffused	589	2.2	20	10.4 @ 20	160	475-2556-1-ND	.04	.33	2.66	3,000	19.93/M	LY N971-HL-1-0-20-R18
	Hyper-Red	Diffused	660	1.8	30	15 @ 20	160	475-1416-1-ND	.04	.33	2.66	3,000	19.93/M	LH N974-KN-1-0-20-R18
23	Orange	Clear	610	1.8	15	11.3 @ 2	120	475-2493-1-ND	.23	1.97	15.71	2,000	117.83/M	LOG T77K-JL-1-0+JL-1-0-10-R18-Z
	Green	Clear	572	1.8	15	4.5 @ 2	120							
	Super-Red	Clear	635	2.0	30	11.3 @ 10	120							
24	Blue	Clear	465	3.6	20	11.3 @ 20	120	475-1384-1-ND	.82	6.81	54.48	3,000	408.60/M	LB M47C-P1R2-35-1-20-R18-Z
	Green	Clear	572	1.8	20	4.5 @ 2	120	475-1404-1-ND	.12	.96	7.68	3,000	57.61/M	LG M47K-G1J2-24-0-2-R18-Z
	Orange	Clear	610	1.8	20	14 @ 2	120	475-2482-1-ND	.10	.85	6.79	3,000	50.90/M	LO M47K-J2M1-24-0-2-R18-Z
	Yellow	Clear	591	1.8	20	11.3 @ 2	120	475-2553-1-ND	.10	.85	6.79	3,000	50.90/M	LY M47K-J1L2-26-0-2-R18-Z
	Super-Red	Clear	643	1.8	20	8.8 @ 2	120	475-2507-1-ND	.10	.85	6.79	3,000	50.90/M	LS M47K-H2L1-0-2-2-R18-Z
	Blue	Diffused	471	3.1	20	176 @ 10	40	475-1378-ND†	.44	3.53	31.98	—	—	LB 3333-Q1S2-35-0-10-BULK
26	Hyper-Red	Diffused	660	1.8	40	15 @ 20	160	475-1415-ND†	.11	.85	7.70	—	—	LH 3344-Q1T2-1-0-10-BULK
	Amber	Clear	624	2.0	40	4,110 @ 20	15	475-1367-ND†	.16	1.29	11.65	—	—	LA 5418-AWDW-24-0-20-BULK-I
	Amber	Clear	624	2.0	40	4,355 @ 20	26	475-1368-ND†	.16	1.29	11.65	—	—	LA 5438-AWDW-24-0-20-BULK
	Orange	Clear	610	2.0	40	4,860 @ 20	26	475-1417-ND†	.16	1.29	11.65	—	—	LO 5438-BWDW-24-0-20-BULK
	White	Clear	6500†	3.6	20	5,085 @ 20	20	475-1420-ND†	.46	3.72	33.69	—	—	LW 541C-AWDW-5K9L-0-20-BULK-I
27	White	Diffused	7300†	2.90	20	98 @ 10	150/155	475-2540-1-ND	.73	6.03	48.22	4,000	361.55/M	LW Q183-P2R1-24-1-10-R18
	White	Diffused	7300†	2.90	20	135 @ 10	150/155	475-2541-1-ND	.75	6.25	50.01	4,000	375.35/M	LW Q183-Q2R2-24-1-10-R18
28	Amber	Clear	623	2.5	2000	51cd @ 1.4A	140	475-2580-1-ND	9.39	78.26	626.10	200	939.15	LA W5AP-LXMY-24-Z
	Red	Clear	634	2.5	2000	45cd @ 1.4A	140	475-2581-1-ND	9.39	78.26	626.10	200	939.15	LR W5AP-KZMX-1-Z
	Yellow	Clear	593	2.5	2000	38cd @ 1.4A	140	475-2582-1-ND	9.39	78.26	626.10	200	939.15	LY W5AP-KYLZ-36-Z
	Blue	Clear	465	3.5	2000	16.3cd @ 1.4A	140	475-2583-1-ND	10.47	87.21	697.69	200	1046.53	LB W5AP-HZKX-23-Z
	Blue	Clear	465	3.5	2000	20.1cd @ 1.4A	140	475-2584-1-ND	10.47	87.21	697.69	200	1046.53	LB W5AP-JYKY-35-Z
	Deep Blue	Clear	449	3.5	2000	—	140	475-2585-1-ND	10.47	87.21	697.69	200	1046.53	LD W5AP-3V8A-35-Z
White	Clear	5600†	3.5	2000	57.8cd @ 1.4A	140	475-2587-1-ND	10.47	87.21	697.69	200	1046.53	LW W5AP-LZMZ-5K8L-Z	
True Green	Clear	520	3.5	2000	55.4cd @ 1.4A	140	475-2586-1-ND	9.39	78.26	626.10	200	939.15	LT W5AP-LYMZ-25-Z	

§ For Tape and Reel part number, change 1-ND to 2-ND. ‡ Bulk * Tray † Measured in Kelvin Units

Ostar® Evaluation Kit

Contents:

• (1) Ostar Lighting LED (LE W E3B), (1) Ostar Headlamp LED (LE W D1A) and (1) Ostar Observation IR (SFH 4730) • (1) Ledil narrow angle optic (LEDILSTAR) • (1) Driver with integrated temperature display (Osram Intelligent Display SLR2016) • (2) Heatsinks (CoolerMaster ECB-00396-01-GP and Thermalfo E3034) with mounted Light Engines • (1) 18V DC Power Supply • (1) DVD including kit instructions, product datasheets, application notes, mechanical CAD files, optical ray trace files and electrical PSpice models

475-2607-ND



65.33

Dot Matrix Displays

Fig.	Emitted Color	Peak Wavelength (nm)	No. of Character	Character Height (in.)	Luminous Intensity (mcd)	Digi-Key Part No.	Price Each			Osram Part No.
							1	10	100	
1	Green	565	4	0.200	120	475-1352-ND	11.98	9.59	8.69	DLG2416
	Red	660	4	0.200	60	475-1362-ND	11.98	9.59	8.69	DLR2416
	High Eff. Red	630	4	0.200	100	475-1357-ND	11.98	9.59	8.69	DLQ2416
2	Bright Green	565	4	0.270	90	475-1421-ND	12.34	9.88	8.95	PD3535
	High Eff. Red	630	4	0.270	90	475-1422-ND	12.34	9.88	8.95	PD3537
	Bright Green	565	4	0.450	90	475-1423-ND	20.33	16.27	14.74	PD4435
	Bright Green	565	4	0.450	90	475-1424-ND	20.33	16.27	14.74	PD4437
3A	Super-Red	630	4	0.134	1.8	475-1425-ND	13.07	10.46	9.48	SCD05542P
3B	Super-Red	630	4	0.134	1.8	475-1426-ND	13.21	10.58	9.58	SCD05542R
3C	Green	565	4	0.134	1.8	475-1427-ND	13.07	10.46	9.48	SCD05543Q
4	Super-Red	635	1	0.43	1500	475-1359-ND	8.13	6.51	5.90	DL04135
	Green	565	1	0.43	1500	475-1354-ND	8.13	6.51	5.90	DLG4137
5	Super-Red	635	1	0.68	1500	475-1360-ND	8.71	6.97	6.32	DL07135
	Green	565	1	0.68	1500	475-1355-ND	8.71	6.97	6.32	DLG7137
	Green	565	4	0.180	75	475-2573-ND	13.07	10.46	9.48	SLD2016
6	Super-Red	635	4	0.180	60	475-2574-ND	13.07	10.46	9.48	SLD2016
	Red	660	4	0.180	50	475-2575-ND	13.07	10.46	9.48	SLR2016
	Yellow	585	4	0.180	60	475-2576-ND	13.07	10.46	9.48	SLY2016
7	High Eff. Red	630	4	0.270	120	475-1358-ND	12.34	9.88	8.95	DL03416
	Red	660	4	0.270	60	475-1363-ND	12.34	9.88	8.95	DLR3416
	Green	565	4	0.270	140	475-1353-ND	12.34	9.88	8.95	DLG3416
8	Super-Red	630	8	0.180	75	475-2577-ND	22.42	17.94	16.26	SCE5782
	Green	565	8	0.180	75	475-2578-ND	22.42	17.94	16.26	SCE5783
9	Red	660	4	0.145	50	475-1361-ND	11.62	9.30	8.43	DLR1414
	High Eff. Red	630	4	0.145	60	475-1356-ND	11.62	9.30	8.43	DL01414

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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