

LUMINESZENZDIODEN

LIGHT EMITTING DIODES


SMT-LED

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Package	Type	Emissionsfarbe Emission color	λ_{dom} (typ.) [nm]	Farbe der Licht- austrittsfläche Color of light emitting area	at I_F			2 ϕ (typ.) (50% I_V) [deg].	Bestellnummer Ordering code	Fig.
					I_V [mcd]	Φ_V [mlm]				


Mini TOPLED RG (Reverse Gullwing) through-hole

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	LG M470-J2K2-1 LG M470-K2M1-1	green	570	colorless clear	5.60 ... 11.2 9.00 ... 22.4	25.0 (typ.) 45.0 (typ.)	10	120	Q62703-Q6023 Q62703-Q6166	6
	LG M47K-G1H1-1 LG M47K-H1J2-1	green	570	colorless clear	1.80 ... 3.55 2.80 ... 7.10	8.0 (typ.) 15.0 (typ.)	2	120	on request on request	


Mini TOPLED RG (Reverse Gullwing)

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	LS M770-H2J2-1 LS M770-J2L1-1	super-red	628	colorless clear	3.55 ... 7.1 5.60 ... 14.0	15.0 (typ.) 28.0 (typ.)	10	120	Q62703-Q5087 Q62703-Q5088	6
	LO M770-H2J2-24 LO M770-J2L1-24	orange	606	colorless clear	3.55 ... 7.1 5.60 ... 14.0	15.0 (typ.) 28.0 (typ.)	10	120	Q62703-Q5042 Q62703-Q5043	
	LY M770-J1K1-26 LY M770-K1L2-26	yellow	587	colorless clear	4.50 ... 9.0 7.10 ... 18.0	20.0 (typ.) 36.0 (typ.)	10	120	Q62703-Q5125 Q62703-Q5126	
	LG M770-J2K2-1 LG M770-K2M1-1	green	570	colorless clear	5.60 ... 11.2 9.00 ... 22.4	25.0 (typ.) 45.0 (typ.)	10	120	Q62703-Q5008 Q62703-Q5009	
	LP M770-F2G2-1 LP M770-G2J1-1	pure green	560	colorless clear	1.40 ... 2.8 2.24 ... 5.6	6.1 (typ.) 11.0 (typ.)	10	120	Q62703-Q5062 Q62703-Q5063	


LC Mini TOPLED RG (Reverse Gullwing)

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	LS M779-D1E1-1 LS M779-E1F1-1 LS M779-F1G2-1	super-red	628	colorless clear	0.45 ... 0.90 0.71 ... 1.40 1.12 ... 2.80	2.0 (typ.) 3.1 (typ.) 5.5 (typ.)	2	120	Q62703-Q5091 Q62703-Q5092 Q62703-Q5093	6
	LY M779-D1E1-1 LY M779-E1F1-1 LY M779-F1G1-1	yellow	587	colorless clear	0.45 ... 0.90 0.71 ... 1.40 1.12 ... 2.24	2.0 (typ.) 3.1 (typ.) 4.9 (typ.)	2	120	Q62703-Q5129 Q62703-Q5130 Q62703-Q5131	
	LG M779-C1F2-1	green	570	colorless clear	≥ 0.28 (1.0 typ.)	≥ 1.0 (typ.)	2	120	Q62703-Q3049	


Hyper Mini TOPLED RG (Reverse Gullwing)

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	LS M776-N2P2-1 LS M776-P2R1-1	super-red	633	colorless clear	35.5 ... 71 56.0 ... 140	150 (typ.) 280 (typ.)	20	120	Q62703-Q5089 Q62703-Q5090	6
	LA M776-P2Q2-1 LA M776-Q2S1-1	amber	617	colorless clear	56.0 ... 112 90.0 ... 224	240 (typ.) 440 (typ.)	20	120	Q62703-Q4980 Q62703-Q4981	
	LO M776-Q1R1-24 LO M776-R1S2-24	orange	606	colorless clear	71.0 ... 140 112.0 ... 280	310 (typ.) 560 (typ.)	20	120	Q62703-Q5044 Q62703-Q5045	
	LY M776-P2Q2-26 LY M776-Q2S1-26	yellow	587	colorless clear	56.0 ... 112 90.0 ... 224	240 (typ.) 440 (typ.)	20	120	Q62703-Q5127 Q62703-Q5128	

SIDELED

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	LH A674-L2M2-1 LH A674-M2P1-1	hyper-red	645	colorless clear	14.00 ... 28.00 22.40 ... 56.00	62.0 (typ.) 110.0 (typ.)	10	120	Q62703-Q5022 Q62703-Q5023	8
	LS A670-H2J2-1 LS A670-J2L1-1	super-red	628	colorless clear	3.55 ... 7.10 5.60 ... 14.00	15.0 (typ.) 28.0 (typ.)	10	120	Q62703-Q5072 Q62703-Q5073	
	LO A670-J1K1-24 LO A670-K1L2-24	orange	606	colorless clear	4.50 ... 9.00 7.10 ... 18.00	20.0 (typ.) 36.0 (typ.)	10	120	Q62703-Q5030 Q62703-Q5031	
	LY A670-J1K1-26 LY A670-K1L2-26	yellow	587	colorless clear	4.50 ... 9.00 7.10 ... 18.00	20.0 (typ.) 36.0 (typ.)	10	120	Q62703-Q5109 Q62703-Q5110	
	LG A670-K1L1-1 LG A670-L1M2-1	green	570	colorless clear	7.10 ... 14.00 11.20 ... 28.00	31.0 (typ.) 56.0 (typ.)	10	120	Q62703-Q4998 Q62703-Q4999	
	LP A670-G1H1-1 LP A670-H1J2-1	pure green	560	colorless clear	1.80 ... 3.55 2.80 ... 7.10	7.7 (typ.) 14.0 (typ.)	10	120	Q62703-Q5054 Q62703-Q5055	

■ Nicht für Neuentwicklungen / Not for new design

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Package	Type	Emissionsfarbe Emission color	λ_{dom} (typ.) [nm]	Farbe der Licht- austrittsfläche Color of light emitting area				2 ϕ (typ.) (50% I _V) [deg].	Bestellnummer Ordering code	Fig.
					I _V [mcd]	Φ_V [mlm]	at I _F [mA]			


SIDELED (Forts.)

SIDELED (cont'd)

	LS A67K-H1J1-1 LS A67K-J1K2-1	super-red	630	colorless clear	2.8 ... 5.6 4.5 ... 11.2	13 (typ.) 25 (typ.)	2	120	Q65110-A0330 Q65110-A0331	8
	LY A67K-H2J2-26 LY A67K-J2L1-26	yellow	587	colorless clear	3.55 ... 7.1 5.6 ... 14.0	15 (typ.) 30 (typ.)	2	120	Q65110-A0337 Q65110-A0338	


Super SIDELED

Super SIDELED

	LG A672-P1Q1-1 LG A672-Q1R2-1	green	570	colorless clear	45.0 ... 90.0 71.0 ... 180.0	190 (typ.) 350 (typ.)	50	120	Q62703-Q5000 Q62703-Q5001	8
	LP A672-L2M2-1 LP A672-M2P1-1	pure green	560	colorless clear	14.0 ... 28.0 22.4 ... 56.0	62 (typ.) 110 (typ.)	50	120	Q62703-Q5056 Q62703-Q5057	





LC SIDELED (Niedrigstrom)

LC SIDELED (Low Current)

	LS A679-D2E2-1 LS A679-E2F2-1 LS A679-F2G2-1	super-red	628	colorless clear	0.56 ... 1.12 0.90 ... 1.80 1.40 ... 2.80	2.5 (typ.) 3.9 (typ.) 6.1 (typ.)	2	120	Q62703-Q5076 Q62703-Q5077 Q62703-Q5078	8
	LY A679-D2E2-1 LY A679-E2G1-1	yellow	587	colorless clear	0.56 ... 1.12 0.90 ... 2.24	2.5 (typ.) 4.4 (typ.)	2	120	Q62703-Q5113 Q62703-Q5114	
	LG A679-E1F1-1 LG A679-F1G2-1	green	570	colorless clear	0.71 ... 1.40 1.12 ... 2.80	3.1 (typ.) 5.5 (typ.)	2	120	Q62703-Q5002 Q62703-Q5003	

Hyper SIDELED

Hyper SIDELED

	LS A676-N2P2-1 LS A676-P2R1-1	super-red	633	colorless clear	35.5 ... 71.0 56.0 ... 140.0	150 (typ.) 280 (typ.)	20	120	Q62703-Q5074 Q62703-Q5075	8
	LA A676-Q1R1-1 LA A676-R1S2-1	amber	615	colorless clear	71.0 ... 140.0 112.0 ... 280.0	310 (typ.) 560 (typ.)	20	120	Q62703-Q4972 Q62703-Q4973	
	LO A676-Q1R1-24 LO A676-R1S2-24	orange	606	colorless clear	71.0 ... 140.0 112.0 ... 280.0	310 (typ.) 560 (typ.)	20	120	Q62703-Q5032 Q62703-Q5033	
	LY A676-P2Q2-26 LY A676-Q2S1-26	yellow	587	colorless clear	56.0 ... 112.0 90.0 ... 224.0	240 (typ.) 440 (typ.)	20	120	Q62703-Q5111 Q62703-Q5112	
	LP A676-L1M2-25	pure green	560	colorless clear	11.2 ... 28.0	60 (typ.)	20	120	on request	
	LB A676-J2K2-1 LB A676-K2M1-1	blue	465	colorless clear	5.6 ... 11.2 9.0 ... 22.4	25 (typ.) 45 (typ.)	10	120	Q62703-Q4986 Q62703-Q4987	
	LY A675-S1T2-26	yellow	587	colorless clear	180.0 ... 450.0	900 (typ.)	30	120	Q62703-Q5154	
	LP A675-N1P2-25		560		28.0 ... 71.0	150 (typ.)			Q62703-Q6398	
	LS A67B-S2U1-1	orange	633	colorless clear	224.0 ... 560.0	1200 (typ.)	30	120	Q62703-Q6427	
	LO A67B-T1U2-24		606		280.0 ... 710.0	1500 (typ.)			Q62703-Q6009	
	LB A673-M2N2-35 LB A673-N2Q1-35	blue	470	colorless clear	22.4 ... 45.0 35.5 ... 90.0	100 (typ.) 180 (typ.)	20	120	Q62703-Q4839 Q62703-Q4888	
	LV A673-Q1R1-35 LV A673-R1S2-35	verde	505	colorless clear	71.0 ... 140.0 112.0 ... 280.0	310 (typ.) 560 (typ.)	20	120	Q62703-Q4846 Q62703-Q4892	
	LT A673-Q2R2-35 LT A673-R2T1-35	true green	528	colorless clear	90.0 ... 180.0 140.0 ... 355.0	390 (typ.) 700 (typ.)	20	120	Q62703-Q4852 Q62703-Q4896	
	LB A67C-N2P2-35 LB A67C-P2R1-35	blue	470	colorless clear	35.5 ... 71.0 56.0 ... 140.0	160 (typ.) 290 (typ.)	20	120	Q62703-Q6426 Q62703-Q6425	
	LT A67C-R2S2-35 LT A67C-S2U1-35	true green	528	colorless clear	140.0 ... 280.0 224.0 ... 560.0	630 (typ.) 1100 (typ.)	20	120	Q62703-Q6423 Q62703-Q6424	

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					I _V [mcd]	Φ_V [mlm]	at I _F [mA]			






Hyper SIDELED (Forts.)

Hyper SIDELED (cont'd)

	LW A676-M1N1-25 LW A676-N1P2-25	white	x=0.30 y=0.32	colored diffused	18.0 ... 35.5 28.0 ... 71.0	77 (typ.) 140 (typ.)	10	120	Q62703-Q5105 Q62703-Q5106	8
	LW A673-Q2R2-35 LW A673-R2S2-35	white	x=0.32 y=0.31	colored diffused	90.0 ... 180.0 140.0 ... 280.0	390 (typ.) 610 (typ.)	20	120	Q62703-Q4860 Q62703-Q4900	
	LWA67C-S1T1-3C5D LWA67C-T1U2-3C5D	white	x=0,32 y=0,31	colored diffused	180.0 ... 355.0 280.0 ... 710.0	800 (typ.) 1500 (typ.)	20	120	Q65110-A0063 Q65110-A0058	

Micro SIDELED

Micro SIDELED

	LS Y876-N1P1-1 LS Y876-P1Q2-1	super-red	633	colorless clear	28.0 ... 56.0 45.0 ... 112.0	120 (typ.) 230 (typ.)	20	120	Q62703-Q6195 Q62703-Q6196	10
	LA Y876-P1Q1-1 LA Y876-Q1R2-1	amber	615	colorless clear	45.0 ... 90.0 71.0 ... 180.0	200 (typ.) 370 (typ.)	20	120	Q62703-Q6193 Q62703-Q6194	
	LO Y876-P2Q2-24 LO Y876-Q2S1-24	orange	606	colorless clear	56.0 ... 112.0 90.0 ... 224.0	240 (typ.) 440 (typ.)	20	120	Q62703-Q6199 Q62703-Q6200	
	LY Y876-P1Q1-26 LY Y876-Q1R2-26	yellow	587	colorless clear	45.0 ... 90.0 71.0 ... 180.0	200 (typ.) 370 (typ.)	20	120	Q62703-Q6197 Q62703-Q6198	
	LG Y870-J2K2-1 LG Y870-K2M1-1	green	570	colorless clear	5.6 ... 11.2 9.0 ... 22.4	25 (typ.) 45 (typ.)	10	120	Q62703-Q6189 Q62703-Q6190	
	LB Y876-J1K1-1 LB Y876-K1L2-1	blue	465	colorless clear	4.5 ... 9.0 7.1 ... 18.0	20 (typ.) 36 (typ.)	10	120	Q62703-Q6185 Q62703-Q6186	
	LB Y87S-K1L1-35 LB Y87S-L1M2-35	blue	470	colorless clear	7.1 ... 14.0 11.2 ... 28.0	30 (typ.) 50 (typ.)	10	120	Q62703-Q6187 Q62703-Q6188	
	LT Y87S-N1P1-35 LT Y87S-P1Q2-35	true green	528	colorless clear	28.0 ... 56.0 45.0 ... 112.0	120 (typ.) 230 (typ.)	10	120	Q62703-Q6191 Q62703-Q6192	
	LW Y87C-R2S1-35 LW Y87C-S2T2-35	white	x=0.33 y=0.33	colored diffused	140.0 ... 224.0 224.0 ... 450.0	550 (typ.) 1000 (typ.)	20	120	Q62703-Q6393 Q62703-Q6394	
	LW Y87S-N1P1-35 LW Y87S-P1Q2-35	white	x=0.32 y=0.31	colored diffused	28.0 ... 56.0 45.0 ... 112.0	125 (typ.) 230 (typ.)	10	120	Q65110-A0128 Q65110-A0129	