

Surface Mount Chip LED Selector Guide



Mono Colour

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG150 (1206)	3.2x1.6x1.1	Orange Red	622	6.0	140	LG150E-CT
		Super Red	643	25	140	LG150SR-CT
		Super Red	643	40	140	LG150HR-CT
		Ultra Red	630	80	140	LG150HRF-CT
		Green	573	12.5	140	LG150G-CT
		Super Green	574	40	140	LG150-9UG-CT
		Ultra Green	525	160	140	LG150DGM-CT
		Yellow	588	6.0	150	LG150Y-CT
		Super Yellow	590	60	130	LG150VY-CT
		Ultra Yellow	595	80	140	LG150HY-CT
		Amber	610	5.0	120	LG150SE-CT
		Super Amber	610	50	120	LG150SEF-CT
		Blue	470	40	150	LG150DBK-CT
		Bluish Green	505	120	120	LG150DGL-CT
		White			320	160

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG170 (0805)	2.0x1.25x0.8	Orange Red	622	6.0	140	LG170E-CT
		Super Red	643	20	140	LG170SR-CT
		Super Red	643	32	140	LG170HR-CT
		Ultra Red	630	80	140	LG170HRF-CT
		Green	573	10	140	LG170G-CT
		Super Green	574	45	140	LG170-9UG-CT
		Ultra Green	525	160	140	LG170DGM-CT
		Yellow	588	8.0	150	LG170Y-CT
		Super Yellow	590	60	130	LG170VY-CT
		Ultra Yellow	595	100	140	LG170HY-CT
		Amber	610	5.0	120	LG170SE-CT
		Super Amber	610	50	120	LG170SEF-CT
		Blue	470	50	150	LG170DBK-CT
		Bluish Green	505	120	120	LG170DGL-CT
		White			200	160

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG192 (0603)	1.6x0.8x0.4	Super Red	630	50	110	LG192SRF-CT
		Ultra Red	630	80	110	LG192HRF-CT
		Super Green	574	32	120	LG192-9UG-CT
		Ultra Green	525	160	110	LG192DGM-CT
		Super Yellow	590	60	110	LG192VY-CT
		Ultra Yellow	595	100	140	LG192HY-CT
		Super Amber	610	100	120	LG192SEF-CT
		Blue	470	50	120	LG192DBK-CT
		Bluish Green	505	80	140	LG192DGL-CT
White			100	140	LG192WK-CT	

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Side View

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG110 (1204)	3.2x1.0x1.5	Orange Red	622	6.0	140	LG110E-CT
		Super Red	643	15	150	LG110SR-CT
		Super Red	643	32	150	LG110HR-CT
		Ultra Red	630	60	110	LG110HRF-CT
		Green	573	10	150	LG110G-CT
		Super Green	574	45	120	LG110-9UG-CT
		Ultra Green	525	200	105	LG110DGM-CT
		Yellow	588	6.0	150	LG110Y-CT
		Super Yellow	590	60	130	LG110VY-CT
		Ultra Yellow	595	80	140	LG110HY-CT
		Amber	610	6.0	105	LG110SE-CT
		Super Amber	610	70	105	LG110SEF-CT
		Blue	470	60	130	LG110DBK-CT
		Bluish Green	505	130	105	LG110DGL-CT
White			150	178	LG110WK-CT	

Multi-Colour

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG150 (1206)	2.0x1.6x1.1	Super Red	630	60	140	LG150HRF/9UG-CT
		Super Green	574	40		
		Super Red	630	40	140	LG150HRF/DBK-CT
		Blue	470	60		
		Super Red	630	100	140	LG150RGB-CT
		Ultra Green	525	250		
Blue	470	60				

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG170 (0805)	2.0x1.25x0.8	Super Red	630	60	130	LG170HRF/9UG-CT
		Super Green	574	50		
		Super Red	630	60	130	LG170HRF/DBK-CT
		Blue	470	60		
		Super Red	630	100	130	LG170RGB-CT
		Ultra Green	525	250		
Blue	470	80				

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG192 (0603)	1.6x0.8x0.4	Super Yellow	590	50	130	LG192VY/9UG-CT
		Super Green	574	20		
		Super Red	630	50	130	LG192DBK/HRF-CT
		Blue	470	32		

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