




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	630	80	140	LG150HRF-CT
		Ultra Red	625	320	140	LG150HRFS-CT
		Green	573	12.5	140	LG150G-CT
		Super Green	574	60	140	LG150-9UG-CT
		Ultra Green	525	500	140	LG150DGM-CT
		Super Yellow	590	60	140	LG150VY-CT
		Ultra Yellow	590	320	140	LG150HYR-CT
		Orange	610	5.0	140	LG150SE-CT
		Ultra Orange	605	200	140	LG150-8SEF-CT
		Blue	470	100	140	LG150DBK-CT
		Bluish Green	505	120	140	LG150DGL-CT
		White			320	140

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	630	80	140	LG170HRF-CT
		Ultra Red	630	500	140	LG170HRFS-CT
		Green	573	10	140	LG170G-CT
		Super Green	574	60	140	LG170-9UG-CT
		Ultra Green	525	500	140	LG170DGM-CT
		Super Yellow	590	60	140	LG170VY-CT
		Ultra Yellow	590	320	140	LG170HYR-CT
		Orange	610	5.0	140	LG170SE-CT
		Ultra Orange	605	200	140	LG170SEF-CT
		Blue	470	100	140	LG170DBK-CT
		Bluish Green	505	120	140	LG170DGL-CT
		White			320	140

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	80	130	LG192HRF-CT
		Ultra Red	630	320	130	LG192HRFS-CT
		Super Green	574	60	130	LG192-9UG-CT
		Ultra Green	525	500	130	LG192DGM-CT
		Super Yellow	590	60	130	LG192VY-CT
		Ultra Yellow	590	500	130	LG192UYR-CT-A02
		Ultra Orange	605	500	130	LG192SEFR-CT-A01
		Blue	470	100	130	LG192DBK-CT
		Bluish Green	505	100	130	LG192DGL-CT
		Ultra Violet	410	3.2mW/sr	130	LG192DUV-CT-A01
		Warm White			500	130
White			500	130	LG192WK-DT	

Plus Opto Ltd

B13, Derwent Court, William Way, Moss Ind. Est. Leigh WN7 3PT


Tel: 01942 671122

Fax: 01942 671133

E: sales@plusopto.co.uk


W: www.plusopto.co.uk

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Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
G-0402 (0402)	 1.0x0.5x0.45	Ultra Orange	605	200	120	LG-0402-8SEF-CT
		Ultra Red	622	320	120	LG-0402-HRF-CT-A01
		Ultra Green	525	1000	130	LG-0402DGM-CT
		Super Green	574	50	120	LG-0402-8UG-CT
		Ultra Yellow	590	80	120	LG-0402VY-CT
		Ultra Yellow	595	200	120	LG-0402HY-CT
		Blue	470	50 @ 5mA	130	LG-0402DBK-CT/T
		Cool White	-	500 @ 5mA	130	LG-0402WK-DT/T
		Warm White	2670 – 3250K	320 @ 5mA	130	LG-0402WK-DT/T-WW

Subject to factory MOQ

Side View

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG110 (1204)	 3.2x1.x1.5	Orange Red	622	6.0	120	LG110E-CT
		Ultra Red	630	60	120	LG110HRF-CT
		Green	573	10	120	LG110G-CT
		Super Green	574	45	120	LG110-9UG-CT
		Ultra Green	525	200	120	LG110DGM-CT
		Super Yellow	590	80	120	LG110VY-CT
		Ultra Orange	605	150	120	LG110-9SEF-CT
		Blue	470	60	120	LG110DBK-CT
		Bluish Green	505	130	120	LG110DGL-CT
		White	-	350	120	LG110WK-DT
LG111 (0603)	1.7x0.6x1.1	Ultra Red	639	39	130	LG111HRF-CT
		Super Green	574	32	130	LG111-9UG-CT
		Ultra Green	528	200	130	LG111DGM-CT
		Super Yellow	590	80	130	LG111VY-CT
		Ultra Orange	605	50	130	LG111SEF-CT
		Blue	470	50	130	LG111DBK-CT
		White	-	50	130	LG111WK-DT

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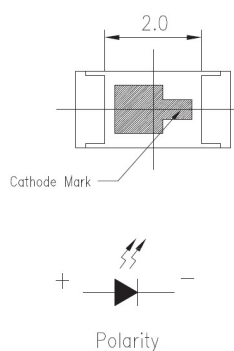
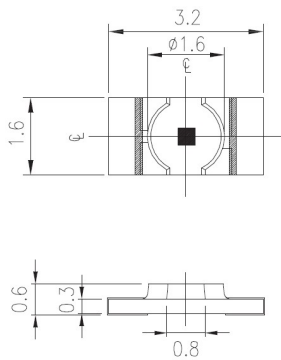
B13, Derwent Court, William Way, Moss Ind. Est. Leigh WN7 3PT

Tel: 01942 671122 Fax: 01942 671133 E: sales@plusopto.co.uk W: www.plusopto.co.uk

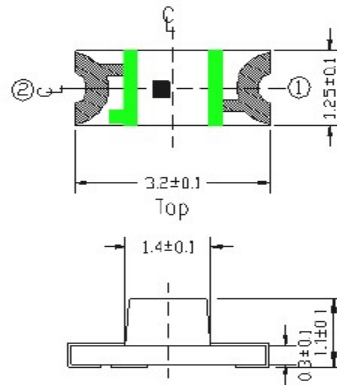
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Reverse Mount

Series	Size mm LxWxH	Emitted Colour	Wavelength λ (nm)	Intensity Iv (mcd)	Viewing Angle 2 θ ½	Part No.
LG1306 Round lens	3.2x1.6x0.6	Ultra Red	639	144	130	LG1306HRF-CT
		Super Green	575	72	130	LG1306-9UG-CT
		Ultra Green	525	360	130	LG1306DGM-CT
		Super Yellow	591	112	130	LG1306HYS-CT
		Blue	468	114	130	LG1306DBK-CT
		White		350	130	LG1306WK-DT
LG1305 Square lens	3.2x1.25x1.1	Ultra Red	632	228	130	LG1305HEL-CT/T
		Super Green	574	57	130	LG1305-9UG-CT
		Ultra Green	525	1000	130	LG1305DGM-CT
		Super Yellow	591	180	130	LG1305VY-CT
		Blue	468	180	130	LG1305DBK-CT
		White		450	130	LG1305WK-DT



1306 Package Outline Dimensions



1305 Package Outline Dimensions

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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	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	140	LG170HRF/9UG-CT
		Super Green	574	50		
		Super Red	630	100	140	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 Red	630	80	130	LG192HRF/9UG-CT
		Super Green	574	50		
LG197 (0605)	1.6x1.5x0.55	Super Red	625	200	140	LG197RGB-CT
		Ultra Green	525	800		
		Blue	470	300		

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG110 (1204)	3.2x1.0x1.5	Super Red	630	150	120	LG110RGB-CT
		Ultra Green	525	550		
		Blue	470	150		

Series	Size mm LxWxH	Emitted Colour	Wavelength λD(nm)	Intensity Iv (mcd)	Viewing Angle 2θ½	Part No.
LG1205 reverse	3.2x1.25x1.1	Super Red	624	100	130	LG-1205RGB-CT
		Ultra Green	525	200		
		Blue	468	65		

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