



CHIP - standard

A range of surface mount, chip LEDs with a white diffused lens, available in three industry standard sizes. Suitable for many applications including LCD/keypad backlighting, dot matrix displays and panel illumination. Supplied taped and reeled.

Case & Viewing Angle	Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I _F = 20mA) mcd	Manf. Part No. & Anglia Order Code	Dimensions (mm)	
0603 Chip Viewing angle 170°	NORMAL BRIGHTNESS				TOL1608MR TOL1608MO TOL1608MY TOL1608MG	 NOTE! – Polarity is reversed for TOL1608MR	
	Red	white-diffused	660	17			
	Orange	white-diffused	610	6			
	Yellow	white-diffused	585	7			
		Green	white-diffused	568	10		
	HIGH BRIGHTNESS				TOL1608MRB TOL1608MOB TOL1608MYB TOL1608MGB		
	Red	white-diffused	632	45			
	Orange	white-diffused	611	45			
	Yellow	white-diffused	593	45			
		Green	white-diffused	570	30		
	0805 Chip Viewing angle 170°	NORMAL BRIGHTNESS				TOL2012MR TOL2012MO TOL2012MY TOL2012MG	 NOTE! – Polarity is reversed for TOL2012MR
		Red	white-diffused	660	17		
		Orange	white-diffused	610	6		
		Yellow	white-diffused	585	7		
		Green	white-diffused	568	10		
HIGH BRIGHTNESS				TOL2012MRB TOL2012MOB TOL2012MYB TOL2012MGB			
Red		white-diffused	632			45	
Orange		white-diffused	611			45	
Yellow		white-diffused	593			45	
		Green	white-diffused	570	30		
1206 Chip Viewing angle 170°		NORMAL BRIGHTNESS				TOL3216MR TOL3216MO TOL3216MY TOL3216MG	 NOTE! – Polarity is reversed for TOL3216MR
		Red	white-diffused	660	17		
		Orange	white-diffused	610	6		
		Yellow	white-diffused	585	7		
		Green	white-diffused	568	10		
	HIGH BRIGHTNESS				TOL3216MRB TOL3216MOB TOL3216MYB TOL3216MGB		
	Red	white-diffused	632	45			
	Orange	white-diffused	611	45			
	Yellow	white-diffused	593	45			
		Green	white-diffused	570	30		

Packaging

TAPE : 8mm wide, 4mm pitch

REEL : 178mm dia.



For the very latest information and news on the full range of TITAN OPTO products available from Anglia, visit our website :

www.angliac.com/titan-opto

Alternatively, contact our Sales Desk to discuss your specific requirements.

CHIP - standard



Case & Viewing Angle

0603 Chip



Viewing angle 140°

NORMAL BRIGHTNESS

Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I _F = 20mA) mcd	Chip Height (H) mm
Red	water-clear	650	4	0.8
Red	water-clear	660	10	0.8
Orange	water-clear	610	6.3	0.8
Yellow	water-clear	585	6.3	0.8
Green	water-clear	570	16	0.8
Green	white-diffused	570	16	0.55
Green	white-diffused	570	16	0.4
Pure-Green	water-clear	555	4	0.8

HIGH BRIGHTNESS

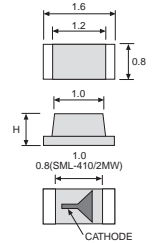
Red	white-diffused	630	40	0.55
Red	white-diffused	630	63	0.55
Orange	white-diffused	611	40	0.55
Orange	white-diffused	611	63	0.55
Yellow	white-diffused	590	40	0.55
Yellow	white-diffused	590	63	0.55
Green	white-diffused	570	40	0.55
Green	white-diffused	570	40	0.4
Green*	water-clear	523	90	0.8
Green*	water-clear	518	200	0.8
Blue*	water-clear	428	3.6	0.8
Blue*	water-clear	468	14	0.8
Blue*	water-clear	468	63	0.8

Manf. Part No. & Anglia Order Code

SML-310VT
SML-310LT
SML-310DT
SML-310YT
SML-310MT
SML-510MW
SML-410MW
SML-310PT

SML-511UW
SML-512UW
SML-511DW
SML-512DW
SML-511WW
SML-512WW
SML-512MW
SML-412MW
SML311EBT
SML312ECT
SML310BAT
SML311BBT
SML312BCT

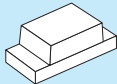
Dimensions (mm)



*These LEDs are electrostatic sensitive devices. Observe precautions for handling

Case & Viewing Angle

0805 Chip



Viewing angle 140°

NORMAL BRIGHTNESS

Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I _F = 20mA) mcd	Chip Height (H) mm
Red	water-clear	650	4	0.8
Red	water-clear	660	10	0.8
Orange	water-clear	610	6.3	0.8
Yellow	water-clear	585	6.3	0.8
Green	water-clear	570	16	0.8
Pure-Green	water-clear	555	4	0.8

HIGH BRIGHTNESS

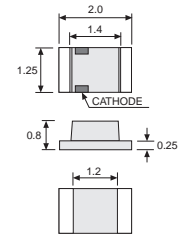
Red	water-clear	639	63	0.8
Orange	water-clear	611	63	0.8
Yellow	water-clear	591	63	0.8

Manf. Part No. & Anglia Order Code

SML-210VT
SML-210LT
SML-210DT
SML-210YT
SML-210MT
SML-210PT

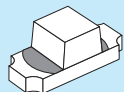
SML-212VT
SML-212DT
SML-212YT

Dimensions (mm)



Case & Viewing Angle

1305 Chip Reverse Mounting



Viewing angle 140°

NORMAL BRIGHTNESS

Green	water-clear	570	16	1.1
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HIGH BRIGHTNESS

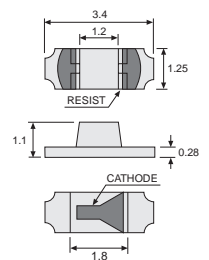
Green	water-clear	570	40	1.1
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Manf. Part No. & Anglia Order Code

SML-810MT

SML-812MT

Dimensions (mm)



Reverse mounting types, ideal for backlight applications

Packaging

TAPE : 8mm wide, 4mm pitch

REEL : 178mm dia.