



LCD & LED Display Specialists since 1980

Super Flux LED

- High Brightness with wide viewing angle

RGB LED

- Multi color (4096 color variations)

5mm Ultrabright LED

- High Luminous Intensity for Indoor/Outdoor applications

SMD LED Display

- Compact and Thin Size
- Colors: Red, Green, Yellow, Orange Blue.

Super Flux LED



FEMA P/N	COLOR	WAVELENGTH	VIEWING ANGLE	TOTAL FLUX (MLM) TYP.
Q8G8UC2-E-40	RED	623	40°	1700 @ 70mA
Q8G8UC3-E-40	RED	623	40°	2500 @ 70mA
Q8G8VC2-E-40	YELLOW	589	40°	1700 @ 70mA
Q8G8VC3-E-40	YELLOW	589	40°	2500 @ 70mA
Q8G8FC2-E-40	GREEN	525	40°	2500 @ 50mA
Q8G8BC2-E-40	BLUE	470	40°	850 @ 50mA
Q8G8UC2-E-60	RED	623	60°	1700 @ 70mA
Q8G8VC2-E-60	YELLOW	589	60°	1700 @ 70mA
Q8G8FC2-E-60	GREEN	525	60°	2500 @ 50mA
Q8G8BC2-E-60	BLUE	470	60°	850 @ 50mA
Q8G8WC3-E-60	WHITE	X=0.31 Y=0.32	60°	2500 @ 50mA
Q8G8UC3-E-70	RED	623	70°	2500 @ 70mA
Q8G8VC3-E-70	YELLOW	589	70°	2500 @ 70mA
Q8G8UC2-E-90	RED	623	90°	1700 @ 70mA
Q8G8UC3-E-90	RED	623	90°	2500 @ 70mA
Q8G8VC2-E-90	YELLOW	589	90°	1700 @ 70mA
Q8G8VC3-E-90	YELLOW	589	90°	2500 @ 70mA
Q8G8FC2-E-90	GREEN	505	90°	1500 @ 50mA
Q8G8BC2-E-90	BLUE	470	90°	850 @ 50mA
Q8G8UC2-E-130	RED	623	130°	1700 @ 70mA
Q8G8UC3-E-130	RED	623	130°	2500 @ 70mA
Q8G8VC2-E-130	YELLOW	589	130°	1700 @ 70mA
Q8G8VC3-E-130	YELLOW	589	130°	2500 @ 70mA
Q8G8FC2-E-130	GREEN	525	130°	2500 @ 50mA
Q8G8BC2-E-130	BLUE	470	130°	850 @ 50mA
Q8G8WC3-E-120	WHITE	X=0.31 Y=0.32	120°	2500 @ 50mA
Q8G8RGBC-E	RED	623	130°	800 @ 50mA
	GREEN	525	130°	1600 @ 50mA
	BLUE	470	130°	600 @ 50mA

5mm Ultrabright LED



FEMA P/N	COLOR	Iv(MCD) @ 20mA	VIEWING ANGLE
L500FC1-E-15	GREEN	9000	15°
L500VC4-E-15	YELLOW	4200	15°
L500VC5-E-15	YELLOW	12000	15°
L500UC8-E-15	RED	12000	15°
L500BC5-E-23	BLUE	2300	23°
L500AGC5-E-23	BLUE/GREEN	6200	23°
L500FC6-E-23	GREEN	7400	23°
L500VC2-E-23	YELLOW	1300	23°
L500VC3-E-23	YELLOW	2200	23°
L500VC4-E-23	YELLOW	7000	23°
L500ZC3-E-23	ORANGE	2400	23°
L500UC5-E-23	RED	2400	23°
L500UC6-E-23	RED	7000	23°
L500BC4-E-30	BLUE	1350	30°
L500AGC5-E-30	BLUE/GREEN	4000	30°
L500FC1-E-30	GREEN	750	30°
L500FC5-E-30	GREEN	5200	30°
L500VC2-E-30	YELLOW	935	30°
L500VC3-E-30	YELLOW	2100	30°
L500VC4-E-30	YELLOW	5700	30°
L500ZC1-E-30	ORANGE	1800	30°
L500ZC3-E-30	ORANGE	2000	30°
L500UC2-E-30	RED	935	30°
L500UC3-E-30	RED	1500	30°
L500UC6-E-30	RED	5000	30°
L500AGC3-E-45	BLUE/GREEN	1900	45°
L500FC2-E-45	GREEN	1900	45°
L500VC1-E-45	YELLOW	1050	45°
L500VC2-E-45	YELLOW	2200	45°
L500UC1-E-45	RED	840	45°
L500UC2-E-45	RED	2200	45°
L500UC1-E-60	RED	300	60°

RGB LED Lamp



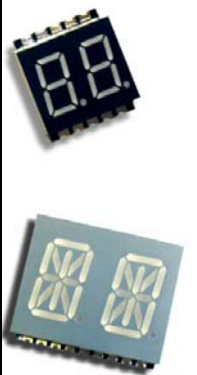
& SMT RGB LED



FEMA P/N	COLOR	Iv(MCD) @ 20mA TYP.	VIEWING ANGLE
5mm RGB LED THROUGH HOLE			
Q500RGB2C-R	RED	1000	20°
	GREEN	1200	20°
	BLUE	1000	20°
SMT RGB LED – PLCC			
T3S3RGBC2-R	RED	370	120°
	GREEN	355	120°
	BLUE	122	120°

SMD LED Displays

FEMA P/N	DIGIT HEIGHT
SINGLE DIGIT	
SA(C)10-028SX-TBW	0.28"
SA(C)10-032SX-TBW	0.32"
SA(C)10-039SX-TBW	0.39"
SA(C)10-050SX-TBW	0.50"
SA(C)10-052SX-TBW	0.52"
SA(C)10-056SX-TBW	0.56"
DUAL DIGIT	
SA(C)20-028SX-TBW	0.28"
SA(C)20-036SX-TBW	0.36"
SA(C)20-039SX-TBW	0.39"
SA(C)20-040SX-TBW	0.40"
SA(C)20-056SX-TBW	0.56"
THREE DIGIT	
SA(C)30-028SX-TBW	0.28"
SA(C)30-056SX-TBW	0.56"
DUAL ALPHANUMERIC	
FA(C)20-054SX-TBW	0.54"



Additional New LED products Available

LED LIGHT STRIP	<ul style="list-style-type: none"> - Assembly on Rigid PCB or Flex Circuit. - All Colors - Available with Super Flux or SMT LEDs
WHITE LED SPOTLIGHT	<ul style="list-style-type: none"> - Wide Operating Voltage - 12 – 60 LEDs
Based LEDs	<ul style="list-style-type: none"> - Bayonet - Wedge - Screw Type