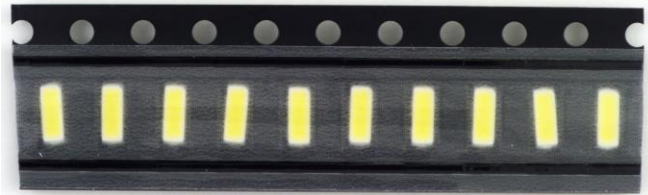


SML-LX4014UWC-TR, 4.0x1.4mm Ultra Bright White SMT LED

ITW ECS Lumex announces the release of the QuasarBrite 4.0X1.4mm ultra bright white surface mount LED. The combined feature of this LED which includes a unique rectangular surface mount package, wide viewing angle and very high intensity output makes it ideal for backlighting, sunlight visible indication and even small space lighting applications.

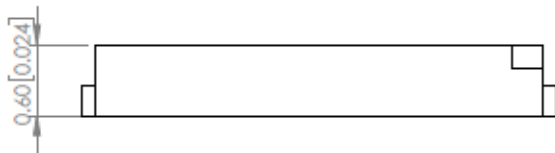
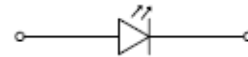
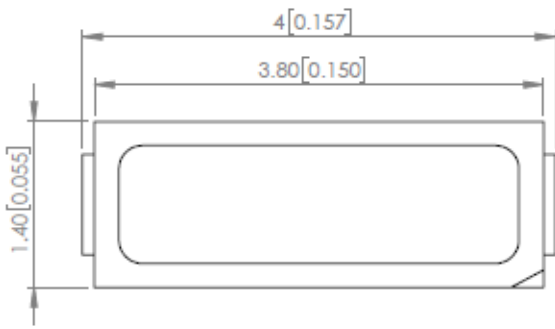


Product Features	Benefits
Rectangular package	Illuminates wider spread of light thus reducing multiple LEDs
Surface Mount	Offers assembly savings of up to 25%
Tape & Reel packaging	Easy mounting with pick and place process
Increased intensity of 50% compared to similar size LEDs	Greater visibility and clarity
Low current	Power saving

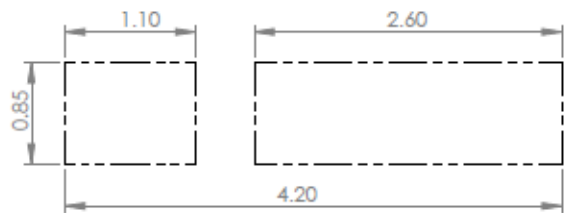
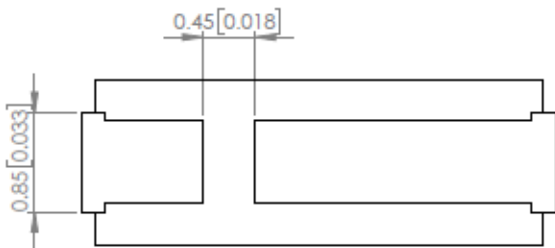
SML-LX4014UWC-TR, 4.0x1.4mm Ultra Bright White SMT LED

Technical Information & Drawing

PN	Emitted Color	Chip Material	Color Temperature (K)	Lens Type	Forward Voltage Vf		Typical Intensity (Lumens)	View Angle 2xTheta	If (mA)
					Min	Max			
SML-LX4014UWC-TR	White	InGaN	6500	Clear	2.9	3.4	21	120	60



RECOMMENDED PCB LAYOUT



SML-LX4014UWC-TR, 4.0x1.4mm Ultra Bright White SMT LED

Markets	Applications
<ul style="list-style-type: none"> ▪ Medical ▪ Telecommunications ▪ Industrial Controls ▪ Appliance ▪ Security ▪ Transportation 	<ul style="list-style-type: none"> ▪ Portable Medical Diagnostics ▪ Routers, Switches, Indications ▪ Indications, Controls & Switches ▪ Backlighting & Illumination ▪ Switches & indications ▪ Illumination, Switches, Indications, backlighting

