

SYMBOLS GUIDE



UL Recognized Component Marks that signifies it is UL approved for the US and Canadian market. (UL & cUL Recognized)



European Conformity declares the product complies with Euro health, safety, and environmental protection legislation.



RoHS Compliant component has been tested for the presence of dangerous or harmful chemicals.



CSA is tested in the US and the Canadian Standards Association.



UL Classification marks for Canada and US tested for specific risks, performance and compliance with regulatory codes and standards, and any other tests determined by UL. Specifically, PLED products are UL classified for sign retrofits when used as a kit.



LM79 is a testing method for making photometric measurements of LEDs approved by the Illuminating Engineering Society. It measures total luminous flux, luminous intensity distribution, electrical power, efficacy and color features.



LM80 is a testing method approved by the Illuminating Engineering Society for measuring lumen maintenance of LED components, such as the LED package, array or one module. This is not intended for a complete system.



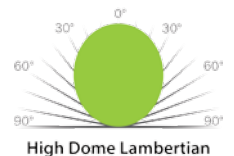
Constant Current design provides the ability to illuminate a sign with little to no variation to the brightness across the application.



Smart Packaging!
1 Bag = 1 Power Supply
to make inventory and assembly easier.



When an electronic circuit is powered by a limited power source, its output current and power are under certain limitations and the risk of fire can be reduced. This can provide improved safety distances and flammability ratings.



Beam angles for Principal LED's products can be found at the bottom of each datasheet. These symbols visually represent the beam angle, or the isotropic light distribution of each LED.