

# Symbols Guide



UL Recognized Component Marks that signifies it is UL approved for the U.S. and Canadian markets (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 U.S. and the Canadian Standards Association.



UL Classification marks for Canada and U.S. tested for specific risks, performance, and compliance with regulatory codes and standards, and any other tests determined by UL. Specifically, Principal Sloan 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.



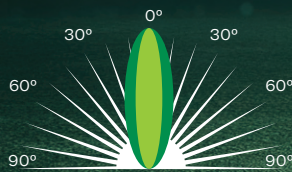
LM80 is a testing method approved by the Illuminating Engineering Society for measuring lumen maintenance of LED components, such as the LED package, array, or one module. This is not intended for a complete system.



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



Smart Packaging!  
One bag = One power supply to make inventory and assembly easier.



Beam angles for Principal Sloan's products can be found on each data sheet. These symbols visually represent the beam angle, or the isotropic light distribution of each LED.