

LUMECON

DETROIT
SERIES



INSPIRED

DESIGNED

ENGINEERED

CAST

INJECTION MOLDED

BUILT

DELIVERED

IN THE USA





The LDS utilizes the Lumecon ETD™ Thermal Design backed by a 10 year performance warranty, protected against surge with a 20kA / 40kV extreme surge suppression system and is inspired, designed, engineered, assembled and shipped right here in the USA, with the most US content possible.

Lumecon ETD™ System

The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards, UL, and IPC standards for flammability, moisture resistance and thermal shock.

Extreme Surge Protection

Thermally protected 20kA / 40kV varistor type surge suppressor is included and meets ANSI C136.2-2015: Extreme Level. Also meets IEC61643-11 Class II / EN61643-11 Type 2, and US Dept of Energy MSSLC Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

Certification Data

ETL Listed to UL 1598, UL 8750 and CSA 22.2 No. 250 for Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL1598 and UL 8750.

DesignLights Consortium® (DLC) Qualified Product

Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org.

Warranty

10 Year L70 performance based warranty. For full warranty terms, please visit www.lumecon.com

Body

Die Casted in Muskegon, MI our aluminum housing with hinged front frame, poured in gasket and architectural bronze powder coat finish. 1/2" coin plugs with O-rings for conduit, photocell and occupancy sensor installation.



Color Temperature
2700K, 3000K, 4000K (standard), 5000K

Color Rendering Index (CRI)
A minimum of 70 or higher. CRI 80 or 90+ available upon request.

Dimming
0-10V standard dimming capability

Occupancy Sensor (Optional)
Passive infrared technology rated for -40°F to 130°F. Available in on/off and dim/high functionality.

Luminaire Vibration Testing
Passed ANSI C136.31 Vibration testing for both "Normal" and "Bridge/Overpass" acceleration applications, simulating wind- and traffic-induced vibrations. The testing utilized the predetermined resonant frequency of the fixture, and was tested to 100,000 cycles in all 3 axes to a peak acceleration level of 3G.

Manufacturing Origin
Built in Farmington Hills, MI with nearly all US parts and some foreign components. Meets "Buy American" Level 2 provisions for domestic content as described under Section 1605 of the 2009 American Recovery and Reinvestment Act.

