

# Relume Crosswalk LED Downlight

“ Enhancing Safety and Security in Pedestrian Crosswalks”



*Dramatically improve pedestrian crosswalk safety with energy saving, maintenance friendly Relume crosswalk lighting.*



**Increased Visibility**- The white LEDs provide a clear/ crisp daylight look for ultimate visibility. Studies have shown the efficacy of 5500-6500K LED light engine to be 2.14 times that of high pressure sodium. (In lighting design, "efficacy" refers to the amount of light (luminous flux) produced by a lamp (a light bulb or other light source), usually measured in lumens, as a ratio of the amount of energy consumed to produce it, usually measured in watts.)

Each LED module is protected by a High Impact, UV Stabilized, Sealed, and Non Yellowing Acrylic Lens for unobstructed visibility while protecting against vandals and storm damage.

**Minimal Energy Consumption** – Each unit draws 100W . The efficiency of Relume's patented Silver Circuit Technology enables an energy savings up to 50% over traditional lighting sources. The system is powered by a reliable 24v power supply.

**Decreased Maintenance** -One of the greatest advantages of LED fixtures is their lifetime, which reduces maintenance costs. At a ten-year lifetime (compared to two years for a metal halide bulb), city staff will need to change far fewer bulbs, ballasts, and igniters. In fact, maintenance savings alone are sufficient to make LED fixtures cheaper on a lifecycle basis than conventional fixtures

**Versatile Mounting** The completely sealed unit attaches to any type of Cross Walk Sign, Street Name Sign or Traffic Mast Arm.

**Environmentally Friendly** All Relume light engines fully comply with the Restriction of Hazardous Substances Directives (RoHS) adopted in February 2003 by the European Union.

**Tested and Approved** – All Relume engines have been independently tested and passed NEMA environmental requirements A615-2(Operating Voltage and Frequency), A615-3(Power Interruption), A615-4(Temperature and Humidity), A615-5 (Vibration), A615-6(Shock), A615-7(Transients: Power Service, Input-Output Terminals and Non-Destruct Transient Immunity). Relume has also been UL, CSA and FCC tested and approved.

**Dark Skies Friendly** - Because Relume LEDs Light Engines emit directional light, they have more control over what the unit lights (streets and sidewalks) and what it does not (the night sky). This makes for easier compliance with the Dark Skies Initiative, which aims to reduce light pollution and its associated wildlife impacts.

## **7 Year Warranty**

Relume guarantees the light engine shall be free from all defects in materials and workmanship for a period of 7 years.

**Lumecon National Distributor of Relume Technology**

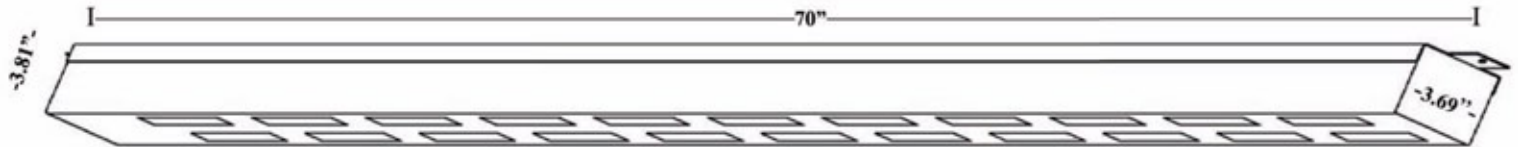
For product information and ordering, Call 925-455-5267

[www.jamservicesinc.com](http://www.jamservicesinc.com)

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## Mechanical Dimensions



## Ordering Information

Part Number	Description
796-4075	Crosswalk Downlight

## Typical Electrical Performance

Operating Voltage	Watts
120V/ 60Hz	100



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