LEDway® Series

LED High Output Street Light
Featuring BetaLED® Technology

Cree Broadens Industry Leading LEDway Street Light Portfolio with New High Output Options

**HIGH**

Output

An unrivaled high lumen output street light, the LEDway High Output is designed to economically meet the higher illumination performance needs of freeways, expressways, and major roadways.

**OPTICAL**

Precision

Featuring our NanoOptic® Precision Delivery Grid™ optic, LEDway High Output is designed for application-based performance that delivers light precisely where it's needed. It's this optical precision that helps maximize energy savings.

**VALUE-ADDED**

Versatility

Adjustable output option allows lumen output and energy consumption to be easily adjusted in the field. The result, minimize inventory variation without sacrificing maximum energy savings.

**EXCEPTIONAL**

Reliability

Built in our state-of-the-art ISO9001 facility, the LEDway High Output is designed to provide more than a decade of near-maintenance free service. And it's backed by our industry-leading 10 year limited warranty.

Cree IS LED Lighting

Visit [www.cree.com/canada](http://www.cree.com/canada) or contact a Cree lighting representative to learn more.
Proven Performance. Optimized Optical Control.

LEDway® Series High Output street light with its unrivaled lumen output for roadway lighting expands the application range replacing up to 400W HPS. With industry-leading optimized optical control and adjustable output for versatility, the LEDway High Output street light significantly improves the economic value for the application.

**PERFORMANCE SUMMARY**

- Utilizes BetaLED® Technology
- NanoOptic® Precision Delivery Grid™ optic
- Made in the U.S.A. of U.S. and imported parts
- CRI: Minimum 70 CRI
- CCT: 5700K (+/- 500K), 4000K (+/- 300K)
- **LIMITED WARRANTY**: 10 years on luminaire / 10 years on Colorfast DeltaGuard® finish

Product specifications subject to change at any time. Visit [www.cree.com/canada](http://www.cree.com/canada) to find the most up-to-date information.

**CONSTRUCTION & MATERIALS**

- Housing is all aluminum construction
- Terminal block for power input suitable for #2-#14 AWG wire
- Luminaire is designed to mount on a 2" (51mm) IP. 2.375" (60mm) O.D. horizontal tenon and/or a 1.25" (32mm) IP. 1.66" (42mm) O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable + / - 5° to allow for luminaire leveling (two axis T-level included)
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Silver, bronze, black, white, and platinum bronze are available

**ELECTRICAL SYSTEM**

- Input Voltage: 120-277V, 50 / 60Hz, Class 1 drivers
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load
- Quick disconnect harness suitable for mate and break under load provided on power feed to driver for ease of maintenance
- Integral 10kV surge suppression protection standard
- To address inrush current, slow blow fuse or type C / D breaker should be used

**REGULATORY & VOLUNTARY QUALIFICATIONS**

- cULus Listed
- Suitable for wet locations
- Consult factory for CE Certified products
- Pending CALTrans 611 Vibration testing
- Pending certification to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- 10k surge suppression protection tested in accordance with IEEE / ANSI C62.41.2
- Luminaire and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA

**PHOTOMETRY**

**STR-LWY-2ME-** **-2-F-UL-A-40K**

ITL Report Test #: 79718

**STR-LWY-3ME-** **-2-F-UL-A-40K**

ITL Report Test #: 79702

Initial Delivered Lumen: 26,734

Mounting Height: 25' (7.6m) A.F.G Initial FC at grade

Initial Delivered Lumen: 25,000

Mounting Height: 25' (7.6m) A.F.G Initial FC at grade

Initial Delivered Lumen: 26,399

Mounting Height: 25' (7.6m) A.F.G Initial FC at grade

Initial Delivered Lumen: 24,500

Mounting Height: 25' (7.6m) A.F.G Initial FC at grade

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. For exact photometric data please reference our available spec sheets and IES test results at [www.cree.com/canada](http://www.cree.com/canada).