

# Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator  
Colorado Department of Transportation 4670 North Holly Street  
Denver, Colorado 80216

APL Reference No.

5891-25

Material Code

613.02.00.00

Material Code description full name

Traffic Control, Lighting, Light Standards

## Part 1

Product Name:

RoadFocus-Plus (RP(N/S/M/L)- Roadway Luminaires

Product category:

Traffic Control\Lighting\Light Standards\Miscellaneous

Product Representative / Distributer (name & address):

Barry LeFave

Manufacturer (name & address):

Cody Powers

Visual Interest

3444 Brighton Blvd

Denver, CO. 80216

LUMEC by GENLYTE Solutions, A SIGNIFY CO.

400 Crossing Blvd

Suite 600

Bridgewater, NJ 08807

Phone: (626) 786-2587 E-mail [barry.lefave@visualinterest.com](mailto:barry.lefave@visualinterest.com)

Website address

[visualinterest.com](http://visualinterest.com)

Phone: (801) 889-5856 E-mail: [cody.powers@signify.com](mailto:cody.powers@signify.com)

Website address

<https://www.signify.com/en-us/brands/lumec>

**Description of the product:** (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

The RoadFocus Plus LED Roadway Luminaire Family (RP(N/S/M/L])(Nano/Small/Medium/Large) is: Made of a low copper die cast Aluminum alloy (A360) for a high resistance to corrosion, 0.100" (2.5mm) minimum thickness. Composed of 4 main components: Heat Sink / LED Module / Optical System / Driver Electrical components are RoHS compliant, IP66 sealed light engines. LEDs tested by ISO 17025-2005 accredited lab in accordance with IESNA LM-80 guidelines in compliance with EPA ENERGY STAR, extrapolations in accordance with IESNA TM-21. Metal core board ensures greater heat transfer and longer lifespan. Luminaires utilizes the latest in LED technology to deliver over 49,000 lumens with efficacies reaching 191 lumens per watt. Connectible ready, and available in multiple lumen packages, color temperatures, and a complete array of optical distributions. RoadFocus Plus is designed with ~38% lower weight than previous generations, allowing for easier installations for the contractor. This family also includes Service Tag, which enables data delivery and information sharing, and provides assistance throughout the life of the product. Multiple Correlated Color Temperatures (CCT), standard @ 2700K, 

**Restrictions, (installation and/or use):**

Use the LED roadway luminaire for any applications needed that fall within designed applications.

**Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

Cobra-head Style Roadway Fixtures- Expressway, Highway, Intersection, Freeway, Toll Roads, Any Roadway mounting application with large coverage areas needed. B.U.G. RATING U=0

**Specifications: (listing those applicable is required.)**

- CDOT [Lighting Design Guidelines 2024 Sec:2.2](#)
- AASHTO
- ASTM [DD2244, D523, D2247, B117](#)
- Other [cULus Listed for Canada and USA. Luminaire meets DOE and MSSLC Model Specification for LED Roadway Luminaires.](#)
- Other [UL1598, UL8750](#)

Certificate of Compliance

Certificate of Verification

**Product Testing:** (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

- AASHTO PEAS (NTPEP)
- ASTM
- Other [Approved. Luminaire complies with or exceeds the following ANSI C136 standards: .2, .3, .10, .15, .18, .22,.25, .31, .37, .41](#)
- Other [IESNA LM-79, LM-80](#)
- Other [The HFP meets the ANSI C136.31-2018, American National Standard for Roadway Luminaire Vibration. 10 YEAR LIMITED WARRANTY](#)

State DOT Approvals: CALTRANS, FDOT, GDOT, ADOT, NVDOT.

Expiration Date 5 Year Cycle 03/05/2031

Sample Submitted  Yes  No  N/A Safety Data Sheets (SDS):  Yes  No  N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature: