

State of Louisiana
Department of Transportation and Development (DOTD)
Traffic Operations Approved Product List (TOAPL) Qualification Procedure
for
TOAPL 3

LED PEDESTRIAN SIGNAL HEAD

MATERIAL SPECIFICATION REFERENCE:

Louisiana Department of Transportation and Development Traffic Control Standard Number 35 (TCS No.35) for LED Pedestrian Signal Head.

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the TOAPL. The Department reserves the right to reevaluate any product at any time. Qualification of a product is not blanket approval for its use.

DISQUALIFICATION:

Any product may be removed from the TOAPL for non-conformance with specifications or performance requirements. The Department must be notified in writing of any name change or change in product. Significant changes may require reevaluation of the product.

REQUALIFICATION:

Any product which has been disqualified and removed from the TOAPL will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been solved.

Manufacturers may be taken off the TOAPL if LADOTD observes a 5% or greater unit failure rate within a period of 90 days after unit is placed in operation.

EVALUATION TIME:

Laboratory Testing - 4 weeks

PRELIMINARY REQUIREMENTS:

The manufacturer requesting product consideration for the TOAPL must supply the following prior to evaluation:

Qualified Product Evaluation Form

The manufacturer shall submit a standard "Traffic Operations Approved Product List (TOAPL) Evaluation Form" to the LADOTD Traffic Operations Section TOAPL Coordinator listed below, along with a letter requesting evaluation for the TOAPL. A separate evaluation form shall be required for each item submitted. For this TOAPL we are accepting evaluation requests for LED Countdown Pedestrian Signal Modules and LED Pedestrian Signal Head Housings with Z-crate Visors.

Product Data Sheets

Include product data sheets to provide all pertinent information relative to the product to be evaluated; including, but not limited to, manufacturer's specifications and a Materials Safety Data Sheet (MSDS).

Certification and/or Test Reports

LED Countdown Pedestrian Signal Module:

LED pedestrian modules shall be manufactured in accordance with a Vendor quality assurance (QA) program including both design and production quality assurance. All QA process and test results documentation described below shall be kept on file for a minimum of seven years.

Each product submitted shall be certified through the LED Traffic Signal Modules Certification Program administered by Intertek (ETL) listing the results for each requirement of the specification.

Tests performed by the independent lab shall follow all the instructions documented in the latest ITE Pedestrian Traffic Control Signal Indicators-Light Emitting Diode (LED) Signal Modules as it pertains to the product being tested. The lab reports and all supporting documents should be provided.

LED Pedestrian Signal Head Housing with z-crate visor:

Each product shall be submitted with a Certificate of Compliance that the product meets all specifications of TCS No. 35.

Warranty

The LED module shall be repaired or replaced by the manufacturer at no cost to the LADOTD if it exhibits a failure due to workmanship, material defect or intensity (specified in TCS 35 under luminous intensity) within the first 60 months.

The LED housing and visor shall be repaired or replaced by the manufacturer at no cost to the LADOTD if it exhibits a failure due to workmanship or material defect within the first 12 months.

Product Samples

Sample(s) may be requested by LADOTD Engineer. If a sample is requested, it shall be furnished at no cost to the Department. If the product passes specifications, the sample will be held as a laboratory standard for future reference.

TEST REQUIREMENTS:

Laboratory Testing

LADOTD Traffic Operations Section will review the Certificate of Compliance, supporting test data and sample for compliance with TCS No. 35.

**Louisiana Department of Transportation and Development
Traffic Operations Section
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