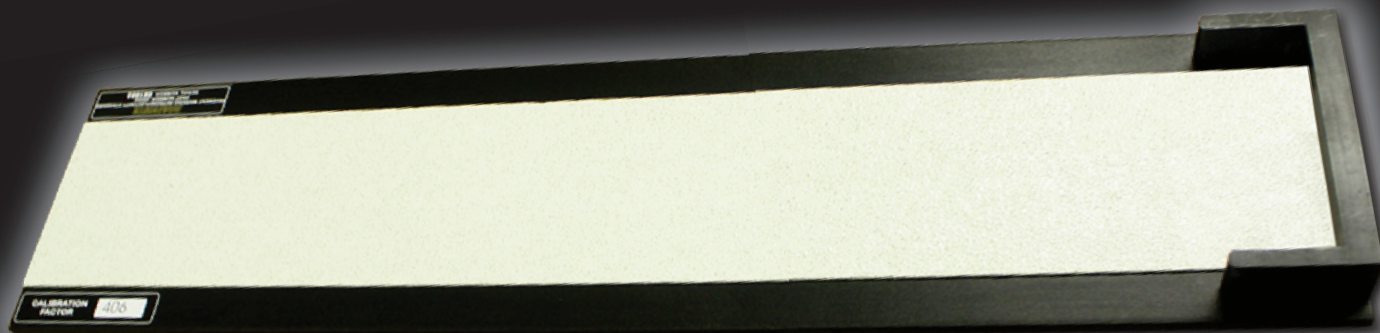




CTP PAVEMENT MARKING RETROREFLECTOMETER CERTIFIED TEST PANEL

The **Certified Test Panel** instantly provides in field confirmation of the measurement accuracy of pavement marking retroreflectometers. **ENSURE ACCURACY**



Safe Workers to Motorists

- Superior assurance that equipment is accurately measuring pavement markings' nighttime visibility
- Safe transportation in a convenient foam-lined, rigid storage/carrying case.



Smart Convenience

- The CTP instantly provides in field confirmation of the measurement accuracy of pavement marking retroreflectometers
- No matter the brand or age, alignment issues can dramatically effect a retroreflectometer's accuracy
- Resolve Field Conflicts with other instruments



Simple Setup to Reporting

- Confidently maintain the instruments condition and accuracy on a routine basis
- Ensure instruments accuracy and technical conformance

MULTI RETROREFLECTOMETER COMPATIBILITY

Works with most Retroreflectometers



IN FIELD CONFIRMATION For Retroreflectometers



ESSENTIAL DATA Aids in Instrument Calibration Report



PROVEN DURABILITY 1000s of units in the field



PPP, INC.
9957 MOORINGS DRIVE, SUITE 301,
JACKSONVILLE FL, 32257

888.717.7771
WWW.PPPCATALOG.COM



CTP Pavement Marking Retroreflectometer Certified Test Panel Specifications

Why use the Certified Test Panel?



- The 25"x6" Certified Test Panel is the industry's only pavement marking panel on the market with traceable calibration to the National Institute of Standards Technology, calibrated in full conformance with ISO/IEC 17025 requirements.
- The Certified Test Panel can be used with both Stripemaster and LTL series Pavement Marking Retroreflectometers.
- Verifies instrument's conformance to ASTM E1710 requirements.
- Unlike manufacturer calibration devices, the CTP confirms the optical alignment of the retroreflectometer to ensure it will provide accurate measurement of horizontal pavement markings, regardless of the equipment's make or calibration settings.
- Easy to transport in form-fitted case complete with certification papers.

Specification for Certified Test Panel for verification of handheld pavement marking retroreflectometers

- 1.1 - The CTP shall allow the user to check the conformance of his/her handheld pavement marking retroreflectometer to the ASTM E1710 Standard Test Method.
- 1.2 - The Certified Test Panel (CTP) shall be an anodized aluminum plate 25" x 6" x 0.25" with an alignment block to position retroreflectometers from different manufacturers so that they measure at the same location on the CTP.
- 1.3 - The CTP shall utilize a 4" wide, flat, white, permanent pavement marking tape with nominal calibration value of 400 +/- 40 mcd/m²/lux.
- 1.4 - The CTP shall come in a foam-lined, rigid storage/carrying case to ensure no damage to the panel will occur during storage and transport.
- 1.5 - The CTP shall come with a Report of Calibration with traceability to the National Institute for Standards and Technology (NIST) and indicating the calibration has full conformance to ISO/IEC 17025 requirements.
- 1.6 - The Report of Calibration shall have a validity of 2 years.

GAMMA SCIENTIFIC ROADVISTA LDT INSTRUMENTS
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REPORT OF CALIBRATION
REPORT NUMBER - XXX-XXXXXX-XX

Sales Order: XXXXX	Model: 69002
Customer: XXXXXXXXXXXXX	Description: Certified Test Panel
Address: 123 Main Street Anytown, ST 00000	Serial Number: XXXXXX
Temp (°C): 23°	Manufacturer: RoadVista
Rel. Hum. (%): 32	Technician: Joe Smith
Cal Date: xx/xx/xxxx	Cal Due Date: xx/xx/xxxx

PROCEDURE: These samples were measured at Gamma Scientific in accordance with test methods outlined in ASTM D4051. All test equipment meets the requirements of ASTM E809 (Standard Practice for Measuring Photometric Characteristics of Retroreflection) and ASTM E1710 (Standard Test Method for Measurement of Retroreflective Pavement Marking Materials with CEN Prescribed Geometry Using a Portable Retroreflectometer). In general, ASTM E809 Procedure A, the Ratio Method, is used to determine the retroreflection values of customer submitted samples.

AS RECEIVED: Within Spec. AS RETURNED: Within Spec.
SPECIAL NOTES: N/A

Calibration Standards Used						
Manufacturer	Model No.	Serial No.	Description	NIST No.	Cal Date	Due Date
Gamma Scientific	RS-50	HM0283	Projection Light Source	944-27992-09	03/09/15	03/09/16
Gamma Scientific	RS-3	HK1315	Lamp Monitor and Control	8170789420-010	04/16/15	04/16/16

RESULTS:

Coefficient of retroreflection RL = mcd / m ² / lx			
Color	Observation Angle	Entrance Angle	RL
White	1.05°	88.76°	406

All calibrations are performed using internationally recognized standards calibrated by the National Institute of Standards and Technology (NIST), for use at Gamma Scientific. The NIST test equipment used to determine acceptance of Gamma Scientific, Road Vista, and LDT Instruments products is maintained at a level of accuracy that ensures complete conformance to ISO/IEC 17025 and ANSI/ISO/IEC 2540-1-1994 requirements. The information shown on this certificate applies only to the instrument identified above and may not be reproduced, except in full, without prior written consent from Gamma Scientific.

Quality Assurance: ☐ Passed ☐ Failed

Q001614, BOC FOR ROAD VISTA 1 of 1

