



Calibration complies with ISO/IEC  
17025, ANSI/NCSL Z540-1, and 9001



Cert. No.: 3252-13798244

Traceable® Certificate of Calibration for Dual-Display Light Meter

Manufactured for and distributed by : VWR International LLC Radnor Corporate Center, Bldg 1, Ste 200, 100 Matsonford Road, Radnor, PA, 19087

Instrument Identification:

Model: 21800-014,

S/N: 221943277

Manufacturer: Control Company

Standards/Equipment:

| Description       | Serial Number | Due Date    | NIST Traceable Reference |
|-------------------|---------------|-------------|--------------------------|
| Illuminance Meter | Q019885       | 18 Apr 2023 | 6-D8N6V-20-1             |

Certificate Information:

Technician: 37

Procedure: CAL-3252

Cal Date: 08 Dec 2022

Cal Due Date: 08 Dec 2024

Test Conditions: 57.52%RH 24.19°C 1019mBar

Calibration Data: (New Instrument)

| Unit(s)  | Nominal | As Found | In Tol | Nominal | As Left | In Tol | Min | Max  | ±U  | TUR    |
|----------|---------|----------|--------|---------|---------|--------|-----|------|-----|--------|
| X1 Lux   | N.A.    | N.A.     |        | 1003    | 1003    | Y      | 913 | 1093 | 19  | >4:1   |
| X10 Lux  | N.A.    | N.A.     |        | 1008    | 1010    | Y      | 918 | 1098 | 24  | 3.75:1 |
| X100 Lux | N.A.    | N.A.     |        | 200     | 202     | Y      | 177 | 223  | 8.3 | 2.77:1 |

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2; Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

*Nicol Rodriguez*

Nicol Rodriguez, Quality Manager

*Jenny Ren*

Jenny Ren, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Dual-Display Light Meter should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Dual-Display Light Meter change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 08 Dec 2022

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598  
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com

Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.  
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.  
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).