



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING MEMBER of the IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 06242

DATE: 11-01-2001

PREPARED FOR: LUMINAIRE TESTING LABORATORY, INC.

LAMP NUMBER: LTL SAMPLE TEST #1

LAMP: REFLECTOR, MEDIUM BASE, PAR 30 SPOT.

STANDARD: GRASEBY 211 CALIBRATED PHOTOMETER SYSTEM TRACEABLE TO NIST.

ELECTRICAL VALUES: 120 VOLTS, 50.4 WATTS, 0.42 AMPS.

EFFICACY: 13.7

MAXIMUM CANDELA: 1314. at 7.5 deg V

BEAM SPREAD: 38. deg (at 50% Max CD)

FIELD SPREAD: 57. deg (at 10% Max CD)

BEAM LUMENS: 384. FIELD LUMENS: 513. TOTAL LUMENS: 690.

AXIAL CANDELA

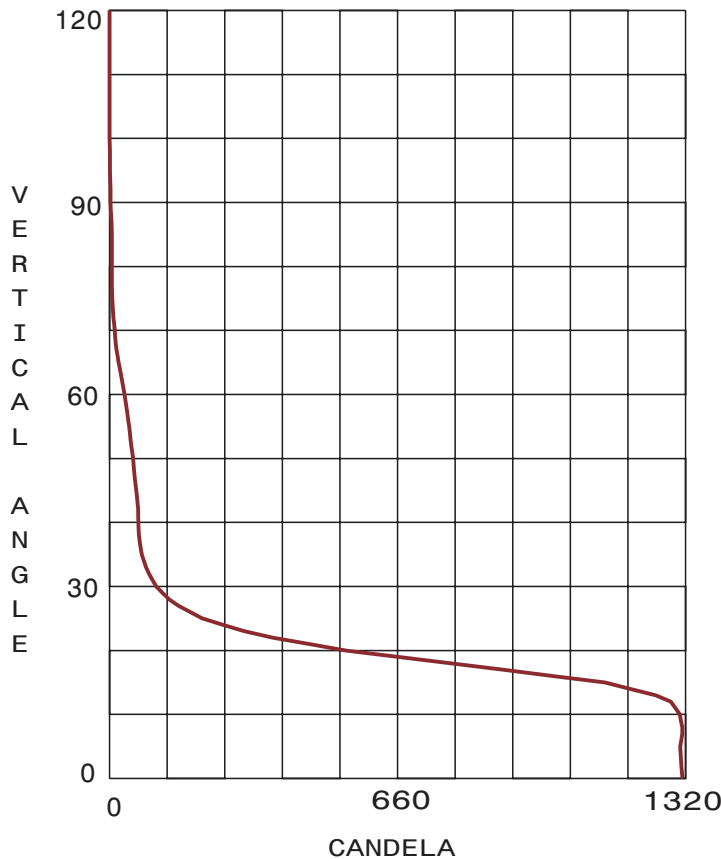


Table with 2 columns: Angle and Candela. Data points range from 120.0 Candela at 0.0 degrees to 0.0 Candela at 1313.0 degrees.

DATA RECORDED USING A TYPE "C" GONIOMETER WITH A TEST DISTANCE EXCEEDING 8 METERS. TEST IS BASED ON THE ABSOLUTE METHOD OF PHOTOMETRY AND CONDUCTED IN ACCORDANCE WITH IES LM-20. ANGULAR DATA IS RELATIVE TO A VERTICAL AXIS.

TESTED BY HERSCHEL SCHRECK CHECKED BY MIKE GRATHER