

Appendix D: Reported Values for All Laboratories

Table D1. Reported spectral transmittance for CENAM

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1287E-01	9.1454E-01	9.1728E-01	9.1893E-01	9.2015E-01	9.2101E-01	-	-
B	4.0820E-01	6.0793E-01	6.2170E-01	6.1025E-01	6.3792E-01	5.7710E-01	-	-
C	2.2059E-02	9.7218E-02	9.3808E-02	7.8727E-02	1.6392E-01	1.5241E-01	-	-
D	3.5790E-04	5.1106E-03	8.3348E-03	8.2531E-03	2.6281E-02	3.1945E-02	-	-
E	1.8200E-05	3.3980E-04	9.3510E-04	1.0007E-03	5.0309E-03	9.6383E-03	-	-

Table D2. Reported spectral transmittance for INM

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1268E-01	9.1436E-01	9.1659E-01	9.1767E-01	9.1753E-01	9.1690E-01	-	-
B	4.0721E-01	6.0710E-01	6.2078E-01	6.0890E-01	6.3600E-01	5.7451E-01	5.0096E-01	-
C	2.1289E-02	9.4779E-02	9.1488E-02	7.6569E-02	1.6055E-01	1.4912E-01	1.0172E-01	-
D	-	5.3470E-03	8.6980E-03	8.6200E-03	2.7094E-02	3.2856E-02	-	-
E	-	-	8.9200E-04	9.5800E-04	4.8680E-03	9.3670E-03	-	-

Table D3. Reported spectral transmittance for INMETRO

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	-	9.1901E-01	9.1936E-01	9.2052E-01	9.2054E-01	9.2170E-01	9.2222E-01	9.2308E-01
B	-	6.1093E-01	6.2277E-01	6.1120E-01	6.3711E-01	5.7800E-01	5.0317E-01	4.5497E-01
C	-	9.8286E-02	9.3434E-02	7.8283E-02	1.6270E-01	1.5178E-01	1.0421E-01	7.7787E-02
D	-	7.1943E-03	8.5992E-03	8.3807E-03	2.6485E-02	3.2237E-02	2.2593E-02	1.6851E-02
E	-	-	1.0707E-03	1.0101E-03	4.8117E-03	9.2730E-03	8.1049E-03	6.9796E-03

Table D4. Reported spectral transmittance for CMS/ITRI

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1246E-01	9.1410E-01	9.1604E-01	9.1728E-01	9.1782E-01	9.1881E-01	9.2010E-01	9.2062E-01
B	4.0604E-01	6.0725E-01	6.2042E-01	6.0868E-01	6.3616E-01	5.7410E-01	4.9970E-01	4.5156E-01
C	2.1010E-02	9.4522E-02	9.1108E-02	7.6328E-02	1.6006E-01	1.4840E-01	1.0191E-01	7.5912E-02
D	3.2300E-04	4.8856E-03	8.0022E-03	7.9155E-03	2.5537E-02	3.1061E-02	2.1654E-02	1.6095E-02
E	8.7108E-06	3.3197E-04	9.3248E-04	9.9855E-04	5.0814E-03	9.7281E-03	8.4704E-03	7.1643E-03

Table D5. Reported spectral transmittance for NIM

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1229E-01	9.1413E-01	9.1670E-01	9.1821E-01	9.1943E-01	9.1986E-01	9.2041E-01	9.2058E-01
B	4.0649E-01	6.0734E-01	6.2067E-01	6.0882E-01	6.3659E-01	5.7567E-01	5.0062E-01	4.5206E-01
C	2.1506E-02	9.5760E-02	9.2104E-02	7.7039E-02	1.6143E-01	1.5014E-01	1.0281E-01	7.6445E-02
D	2.8496E-04	5.3050E-03	8.6249E-03	8.5218E-03	2.6992E-02	3.2786E-02	2.2982E-02	1.7026E-02
E	6.3733E-06	2.3800E-04	8.1397E-04	8.7693E-04	4.6152E-03	8.9547E-03	7.8020E-03	6.5709E-03

Table D6. Reported spectral transmittance for NIMT

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1494E-01	9.1692E-01	9.1958E-01	9.2105E-01	9.2191E-01	9.2232E-01	9.2291E-01	9.2442E-01
B	4.1554E-01	6.0888E-01	6.2358E-01	6.1159E-01	6.3864E-01	5.7753E-01	5.0059E-01	4.5265E-01
C	2.2804E-02	9.5383E-02	9.2657E-02	7.7670E-02	1.6210E-01	1.5101E-01	1.0242E-01	7.6428E-02
D	4.3335E-04	5.3297E-03	8.8825E-03	8.6611E-03	2.7178E-02	3.2942E-02	2.2391E-02	1.6687E-02
E	6.0646E-05	3.5667E-04	1.0734E-03	9.8652E-04	4.9871E-03	9.5189E-03	7.6857E-03	6.6246E-03

Table D7. Reported spectral transmittance for NRC

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1071E-01	9.1229E-01	9.1503E-01	9.1690E-01	9.1791E-01	9.1873E-01	9.1919E-01	9.1929E-01
B	4.0022E-01	6.0397E-01	6.1733E-01	6.0530E-01	6.3308E-01	5.7107E-01	4.9522E-01	4.4635E-01
C	2.1105E-02	9.5111E-02	9.1810E-02	7.6937E-02	1.6081E-01	1.4980E-01	1.0267E-01	7.6420E-02
D	3.8594E-04	5.5012E-03	8.9144E-03	8.8018E-03	2.7577E-02	3.3492E-02	2.3519E-02	1.7465E-02
E	1.1797E-05	3.2170E-04	9.0669E-04	9.6865E-04	4.9138E-03	9.4695E-03	8.2555E-03	6.9712E-03

Table D8a. Reported spectral transmittance for NIST, CENAM filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1027E-01	9.1198E-01	9.1558E-01	9.1781E-01	9.1920E-01	9.2007E-01	9.2064E-01	9.2101E-01
B	4.1817E-01	6.0776E-01	6.2143E-01	6.0982E-01	6.3738E-01	5.7691E-01	5.0203E-01	4.5384E-01
C	2.4222E-02	9.7475E-02	9.3953E-02	7.8841E-02	1.6406E-01	1.5264E-01	1.0481E-01	7.8210E-02
D	4.2290E-04	5.1451E-03	8.3439E-03	8.2626E-03	2.6300E-02	3.1969E-02	2.2348E-02	1.6538E-02
E	1.8901E-05	3.4337E-04	9.3664E-04	1.0041E-03	5.0335E-03	9.6439E-03	8.4068E-03	7.1092E-03

Table D8b. Reported spectral transmittance for NIST, INM filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1421E-01	9.1585E-01	9.1755E-01	9.1842E-01	9.1932E-01	9.1998E-01	9.2037E-01	9.2062E-01
B	4.1699E-01	6.0796E-01	6.2159E-01	6.0949E-01	6.3691E-01	5.7574E-01	5.0043E-01	4.5206E-01
C	2.3255E-02	9.5131E-02	9.1615E-02	7.6682E-02	1.6097E-01	1.4957E-01	1.0227E-01	7.6060E-02
D	4.5549E-04	5.3896E-03	8.7063E-03	8.6216E-03	2.7172E-02	3.2970E-02	2.3127E-02	1.7166E-02
E	2.3719E-05	3.3270E-04	9.0401E-04	9.6718E-04	4.8980E-03	9.4130E-03	8.1995E-03	6.9289E-03

Table D8c. Reported spectral transmittance for NIST, INMETRO filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1185E-01	9.1357E-01	9.1642E-01	9.1821E-01	9.1937E-01	9.2017E-01	9.2065E-01	9.2099E-01
B	4.1978E-01	6.0922E-01	6.2298E-01	6.1130E-01	6.3869E-01	5.7800E-01	5.0315E-01	4.5496E-01
C	2.3995E-02	9.6856E-02	9.3383E-02	7.8401E-02	1.6333E-01	1.5189E-01	1.0425E-01	7.7762E-02
D	4.2801E-04	5.1625E-03	8.3722E-03	8.2965E-03	2.6393E-02	3.2097E-02	2.2465E-02	1.6644E-02
E	1.8298E-05	3.1788E-04	8.7416E-04	9.3727E-04	4.7770E-03	9.2041E-03	8.0098E-03	6.7623E-03

Table D8d. Reported spectral transmittance for NIST, CMS/ITRI filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1352E-01	9.1521E-01	9.1746E-01	9.1873E-01	9.1973E-01	9.2043E-01	9.2090E-01	9.2125E-01
B	4.1691E-01	6.0768E-01	6.2118E-01	6.0918E-01	6.3660E-01	5.7535E-01	4.9994E-01	4.5151E-01
C	2.3216E-02	9.4854E-02	9.1284E-02	7.6507E-02	1.6044E-01	1.4927E-01	1.0218E-01	7.6047E-02
D	4.0378E-04	4.9935E-03	8.1198E-03	8.0391E-03	2.5764E-02	3.1359E-02	2.1876E-02	1.6164E-02
E	2.2110E-05	3.5910E-04	9.7246E-04	1.0412E-03	5.1765E-03	9.8819E-03	8.6201E-03	7.2942E-03

Table D8e. Reported spectral transmittance for NIST, NIM filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1332E-01	9.1499E-01	9.1734E-01	9.1870E-01	9.1971E-01	9.2043E-01	9.2085E-01	9.2123E-01
B	4.1731E-01	6.0762E-01	6.2126E-01	6.0929E-01	6.3660E-01	5.7579E-01	5.0069E-01	4.5240E-01
C	2.3441E-02	9.5685E-02	9.2161E-02	7.7228E-02	1.6156E-01	1.5025E-01	1.0289E-01	7.6611E-02
D	4.4741E-04	5.3494E-03	8.6489E-03	8.5655E-03	2.7020E-02	3.2792E-02	2.2983E-02	1.7047E-02
E	2.1370E-05	3.0708E-04	8.4334E-04	9.0389E-04	4.6434E-03	8.9873E-03	7.8173E-03	6.5938E-03

Table D8f. Reported spectral transmittance for NIST, NIMT filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1123E-01	9.1302E-01	9.1626E-01	9.1805E-01	9.1936E-01	9.2019E-01	9.2069E-01	9.2112E-01
B	4.1790E-01	6.0893E-01	6.2248E-01	6.1031E-01	6.3768E-01	5.7652E-01	5.0118E-01	4.5276E-01
C	2.3646E-02	9.5958E-02	9.2467E-02	7.7517E-02	1.6220E-01	1.5080E-01	1.0331E-01	7.6943E-02
D	4.5556E-04	5.3997E-03	8.7167E-03	8.6286E-03	2.7184E-02	3.2975E-02	2.3122E-02	1.7160E-02
E	2.1913E-05	3.4050E-04	9.2717E-04	9.9153E-04	4.9950E-03	9.5762E-03	8.3478E-03	7.0583E-03

Table D8g. Reported spectral transmittance for NIST, NRC filter set, Round 1

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1005E-01	9.1179E-01	9.1521E-01	9.1719E-01	9.1854E-01	9.1936E-01	9.1996E-01	9.2037E-01
B	4.1121E-01	6.0330E-01	6.1752E-01	6.0546E-01	6.3311E-01	5.7110E-01	4.9508E-01	4.4636E-01
C	2.3496E-02	9.5379E-02	9.1889E-02	7.7135E-02	1.6121E-01	1.4993E-01	1.0273E-01	7.6520E-02
D	4.7502E-04	5.5522E-03	8.9325E-03	8.8398E-03	2.7677E-02	3.3518E-02	2.3536E-02	1.7487E-02
E	2.0559E-05	3.3344E-04	9.1100E-04	9.7706E-04	4.9328E-03	9.4685E-03	8.2495E-03	6.9717E-03

Table D9a. Reported spectral transmittance for NIST, CENAM filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1009E-01	9.1186E-01	9.1550E-01	9.1776E-01	9.1910E-01	9.1996E-01	9.2054E-01	9.2094E-01
B	4.1698E-01	6.0754E-01	6.2155E-01	6.0998E-01	6.3746E-01	5.7695E-01	5.0202E-01	4.5381E-01
C	2.3978E-02	9.7276E-02	9.3910E-02	7.8744E-02	1.6381E-01	1.5258E-01	1.0476E-01	7.8164E-02
D	4.2167E-04	5.1245E-03	8.3364E-03	8.2473E-03	2.6242E-02	3.1953E-02	2.2337E-02	1.6530E-02
E	2.4866E-05	3.4094E-04	9.3483E-04	9.9981E-04	5.0214E-03	9.6414E-03	8.4051E-03	7.1067E-03

Table D9b. Reported spectral transmittance for NIST, INM filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1400E-01	9.1562E-01	9.1740E-01	9.1844E-01	9.1920E-01	9.1985E-01	9.2023E-01	9.2051E-01
B	4.1609E-01	6.0758E-01	6.2134E-01	6.0938E-01	6.3676E-01	5.7565E-01	5.0033E-01	4.5193E-01
C	2.3052E-02	9.4921E-02	9.1587E-02	7.6610E-02	1.6071E-01	1.4955E-01	1.0224E-01	7.6029E-02
D	4.5219E-04	5.3699E-03	8.7069E-03	8.6178E-03	2.7129E-02	3.2977E-02	2.3131E-02	1.7168E-02
E	2.2396E-05	3.2739E-04	9.0181E-04	9.6485E-04	4.8854E-03	9.4132E-03	8.1997E-03	6.9283E-03

Table D9c. Reported spectral transmittance for NIST, INMETRO filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1109E-01	9.1285E-01	9.1580E-01	9.1758E-01	9.1879E-01	9.1957E-01	9.2007E-01	9.2039E-01
B	4.1833E-01	6.0908E-01	6.2296E-01	6.1124E-01	6.3863E-01	5.7804E-01	5.0315E-01	4.5496E-01
C	2.3786E-02	9.6527E-02	9.3254E-02	7.8224E-02	1.6283E-01	1.5167E-01	1.0410E-01	7.7643E-02
D	4.2427E-04	5.1366E-03	8.3716E-03	8.2885E-03	2.6339E-02	3.2098E-02	2.2465E-02	1.6640E-02
E	2.2716E-05	3.1573E-04	8.7138E-04	9.3204E-04	4.7572E-03	9.1968E-03	8.0036E-03	6.7565E-03

Table D9d. Reported spectral transmittance for NIST, CMS/ITRI filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1338E-01	9.1497E-01	9.1720E-01	9.1851E-01	9.1940E-01	9.2011E-01	9.2055E-01	9.2085E-01
B	4.1543E-01	6.0725E-01	6.2095E-01	6.0897E-01	6.3642E-01	5.7526E-01	4.9984E-01	4.5140E-01
C	2.3003E-02	9.4645E-02	9.1246E-02	7.6393E-02	1.6014E-01	1.4921E-01	1.0213E-01	7.5996E-02
D	4.0218E-04	4.9724E-03	8.1169E-03	8.0257E-03	2.5700E-02	3.1353E-02	2.1873E-02	1.6158E-02
E	2.9360E-05	3.5528E-04	9.6966E-04	1.0364E-03	5.1579E-03	9.8757E-03	8.6146E-03	7.2889E-03

Table D9e. Reported spectral transmittance for NIST, NIM filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1267E-01	9.1435E-01	9.1684E-01	9.1821E-01	9.1924E-01	9.1996E-01	9.2040E-01	9.2072E-01
B	4.1639E-01	6.0776E-01	6.2137E-01	6.0933E-01	6.3666E-01	5.7589E-01	5.0075E-01	4.5242E-01
C	2.3245E-02	9.5456E-02	9.2141E-02	7.7141E-02	1.6130E-01	1.5020E-01	1.0285E-01	7.6561E-02
D	4.4449E-04	5.3363E-03	8.6542E-03	8.5612E-03	2.6981E-02	3.2805E-02	2.2992E-02	1.7050E-02
E	1.7342E-05	3.0121E-04	8.3966E-04	8.9825E-04	4.6240E-03	8.9747E-03	7.8066E-03	6.5824E-03

Table D9f. Reported spectral transmittance for NIST, NIMT filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.1107E-01	9.1284E-01	9.1607E-01	9.1802E-01	9.1924E-01	9.2007E-01	9.2060E-01	9.2100E-01
B	4.1630E-01	6.0729E-01	6.2270E-01	6.1063E-01	6.3794E-01	5.7677E-01	5.0133E-01	4.5285E-01
C	2.3360E-02	9.5496E-02	9.2266E-02	7.7549E-02	1.6201E-01	1.5092E-01	1.0337E-01	7.6967E-02
D	4.5366E-04	5.3657E-03	8.7056E-03	8.6076E-03	2.7101E-02	3.2941E-02	2.3102E-02	1.7140E-02
E	2.6150E-05	3.3472E-04	9.2353E-04	9.8674E-04	4.9660E-03	9.5633E-03	8.3384E-03	7.0504E-03

Table D9g. Reported spectral transmittance for NIST, NRC filter set, Round 3

Filter	Wavelength (nm)							
	380	400	500	600	700	800	900	1000
A	9.0963E-01	9.1145E-01	9.1477E-01	9.1672E-01	9.1801E-01	9.1885E-01	9.1942E-01	9.1982E-01
B	4.0998E-01	6.0286E-01	6.1721E-01	6.0509E-01	6.3276E-01	5.7091E-01	4.9491E-01	4.4619E-01
C	2.3253E-02	9.5042E-02	9.1841E-02	7.7006E-02	1.6081E-01	1.4985E-01	1.0267E-01	7.6462E-02
D	4.6428E-04	5.5273E-03	8.9240E-03	8.8233E-03	2.7606E-02	3.3497E-02	2.3521E-02	1.7475E-02
E	2.3058E-05	3.3086E-04	9.0929E-04	9.7311E-04	4.9160E-03	9.4673E-03	8.2492E-03	6.9699E-03

Notes:

- a) Columns with dashes indicate that transmittance values at these wavelengths were either not measured or not reported.