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Client:  
LumCAT:  
Luminaire:  
Report No: PPD-35W-5000K  
Ballast type:  
Test No: Voltage(V): 120.05  
LampCAT: Current(A): 0.366  
Lamp flux(lm) Power (W): 37.771  
Number of Lamps: 0 PF: 0.8565  
Length(mm): 0 Width(mm): 0  
Phm Type: C Height(mm): 0

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Photometric Results

Lumens(lm): 4010.23, Luminous Efficacy(lm/W): 106.17  
Central intensity(cd): 1874.22, Maximum intensity(cd): 1916.72  
Angle of maximum intensity: C=55.0  $\gamma$ =2.5  
Beam Angle(50%Imax): [C0/180]Total=83.4  
[C90/270]Total=112.4  
Field angle(10%Imax): [C0/180]Total=123.3  
[C90/270]Total=152.3  
Maximum s/h(1/2): C0\_180=1.31 C90\_270=1.23  
Maximum s/h(1/4): C0\_180=1.21 C90\_270=1.36  
Up flux rate of LUM(%): 1.21%  
Down flux rate of LUM(%): 98.79%  
CIE Type : Direct lighting  
Output flux ratio in  $\pi$  solid angle : 86.777%

Zonal flux distribution table

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1886.440	0.000	0.000	0.000%	0.000%
2.5	1885.768	11.279	11.279	0.281%	0.281%
5.0	1874.404	33.708	44.988	0.841%	1.122%
7.5	1845.029	55.502	100.489	1.384%	2.506%
10.0	1773.235	75.445	175.934	1.881%	4.387%
12.5	1671.778	92.121	268.055	2.297%	6.684%
15.0	1590.322	106.276	374.331	2.650%	9.334%
17.5	1528.865	119.637	493.968	2.983%	12.318%
20.0	1482.221	132.665	626.633	3.308%	15.626%
22.5	1452.832	145.808	772.441	3.636%	19.262%
25.0	1451.760	160.343	932.784	3.998%	23.260%
27.5	1460.449	176.547	1109.332	4.402%	27.663%
30.0	1450.537	191.915	1301.246	4.786%	32.448%
32.5	1427.099	204.619	1505.865	5.102%	37.551%
35.0	1383.623	214.037	1719.903	5.337%	42.888%
37.5	1313.885	218.630	1938.533	5.452%	48.340%
40.0	1224.948	217.815	2156.348	5.431%	53.771%
42.5	1120.686	211.986	2368.334	5.286%	59.057%
45.0	1005.738	201.550	2569.884	5.026%	64.083%
47.5	896.515	188.346	2758.230	4.697%	68.780%
50.0	800.673	174.899	2933.130	4.361%	73.141%
52.5	702.979	160.735	3093.864	4.008%	77.149%
55.0	609.119	145.035	3238.900	3.617%	80.766%
57.5	520.696	128.762	3367.661	3.211%	83.977%
60.0	437.422	112.272	3479.934	2.800%	86.776%
62.5	366.774	96.640	3576.574	2.410%	89.186%
65.0	304.702	82.546	3659.120	2.058%	91.245%
67.5	247.867	69.325	3728.445	1.729%	92.973%
70.0	201.485	57.403	3785.848	1.431%	94.405%
72.5	157.609	46.608	3832.456	1.162%	95.567%
75.0	117.721	36.231	3868.687	0.903%	96.471%
77.5	88.689	27.481	3896.168	0.685%	97.156%
80.0	66.124	20.812	3916.980	0.519%	97.675%
82.5	52.426	16.060	3933.040	0.400%	98.075%
85.0	40.372	12.644	3945.684	0.315%	98.391%
87.5	27.259	9.250	3954.935	0.231%	98.621%
90.0	22.106	6.765	3961.699	0.169%	98.790%
92.5	23.204	6.209	3967.908	0.155%	98.945%

Zonal flux distribution table

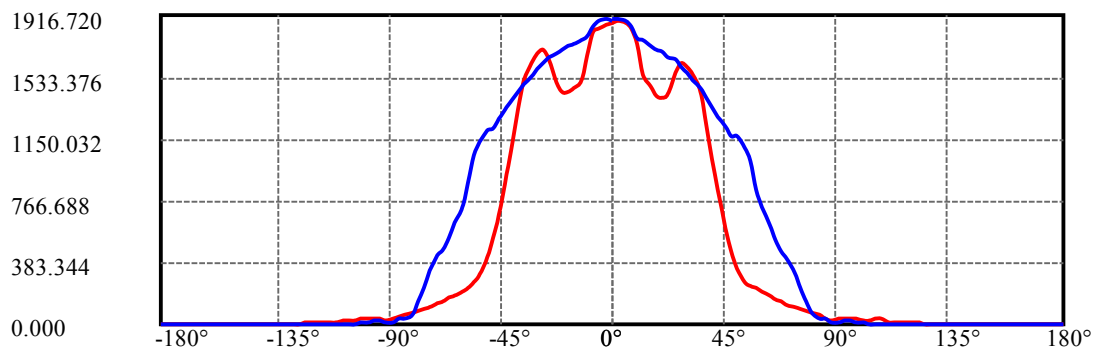
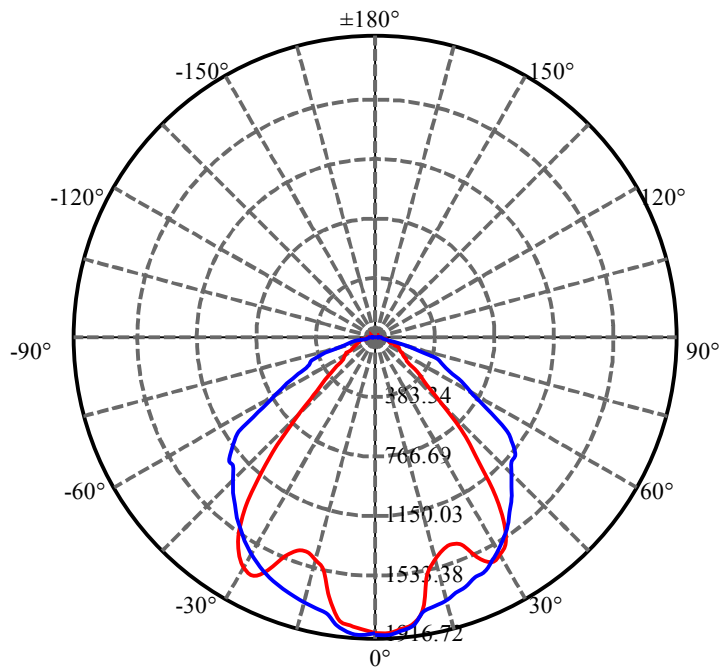
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
95.0	20.300	5.950	3973.858	0.148%	99.093%
97.5	17.271	5.119	3978.977	0.128%	99.221%
100.0	15.204	4.399	3983.377	0.110%	99.330%
102.5	13.011	3.793	3987.170	0.095%	99.425%
105.0	13.497	3.529	3990.699	0.088%	99.513%
107.5	11.892	3.341	3994.040	0.083%	99.596%
110.0	8.600	2.660	3996.700	0.066%	99.663%
112.5	8.336	2.164	3998.864	0.054%	99.717%
115.0	7.526	1.990	4000.854	0.050%	99.766%
117.5	5.928	1.654	4002.508	0.041%	99.808%
120.0	4.819	1.291	4003.799	0.032%	99.840%
122.5	3.359	0.958	4004.757	0.024%	99.864%
125.0	1.841	0.593	4005.350	0.015%	99.878%
127.5	1.416	0.360	4005.710	0.009%	99.887%
130.0	1.461	0.308	4006.018	0.008%	99.895%
132.5	1.543	0.310	4006.327	0.008%	99.903%
135.0	1.572	0.308	4006.636	0.008%	99.910%
137.5	1.670	0.307	4006.943	0.008%	99.918%
140.0	1.728	0.307	4007.250	0.008%	99.926%
142.5	1.765	0.300	4007.550	0.007%	99.933%
145.0	1.837	0.292	4007.842	0.007%	99.941%
147.5	1.912	0.285	4008.127	0.007%	99.948%
150.0	1.982	0.277	4008.404	0.007%	99.955%
152.5	2.052	0.266	4008.670	0.007%	99.961%
155.0	2.093	0.251	4008.921	0.006%	99.967%
157.5	2.146	0.234	4009.155	0.006%	99.973%
160.0	2.197	0.216	4009.371	0.005%	99.979%
162.5	2.242	0.196	4009.567	0.005%	99.984%
165.0	2.248	0.172	4009.739	0.004%	99.988%
167.5	2.281	0.148	4009.887	0.004%	99.992%
170.0	2.292	0.122	4010.009	0.003%	99.995%
172.5	2.287	0.095	4010.104	0.002%	99.997%
175.0	2.267	0.068	4010.172	0.002%	99.999%
177.5	2.320	0.041	4010.213	0.001%	100.000%
180.0	2.361	0.014	4010.227	0.000%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	1301.25	32.45%
0-40	2156.35	53.77%
0-60	3479.93	86.78%
0-90	3961.70	98.79%
0-120	4003.80	99.84%
0-180	4010.23	100.00%
60-90	481.77	12.01%
90-120	42.10	1.05%
90-130	44.32	1.11%
90-150	46.71	1.16%
90-180	48.51	1.21%
0-54.47	3208.18	80.00%

ZONAL LUMEN SUMMARY

0-10	175.93
10-20	450.70
20-30	674.61
30-40	855.10
40-50	776.78
50-60	546.80
60-70	305.91
70-80	131.13
80-90	44.72
90-100	21.68
100-110	13.32
110-120	7.10
120-130	2.22
130-140	1.23
140-150	1.15
150-160	0.97
160-170	0.64
170-180	0.20

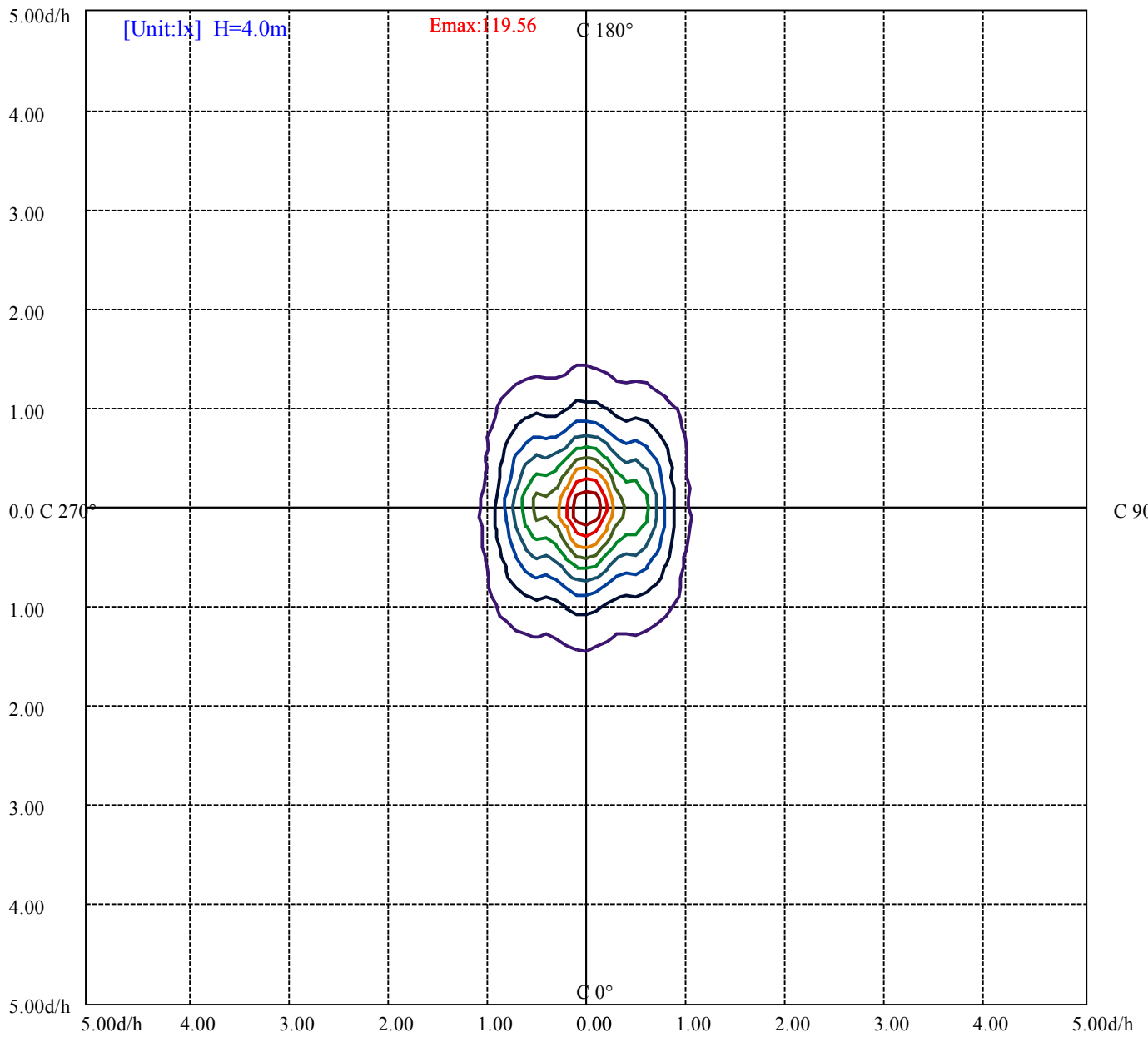


C0/C180: —

C90/C270: —

Field angle(10%Imax):C0/180Left:62.1 Right:61.2  
 :C90/270Left:76.1 Right:76.2

Beam Angle(50%Imax):C0/180Left:42.3 Right:41.1  
 :C90/270Left:56.5 Right:55.9



(10%Emax) 11.9555	—
(20%Emax) 23.91106	—
(30%Emax) 35.86656	—
(40%Emax) 47.82206	—
(50%Emax) 59.77763	—
(60%Emax) 71.73312	—
(70%Emax) 83.68875	—
(80%Emax) 95.64438	—
(90%Emax) 107.5994	—

Luminance Limiting Curve(no luminous side)

Luminance Table

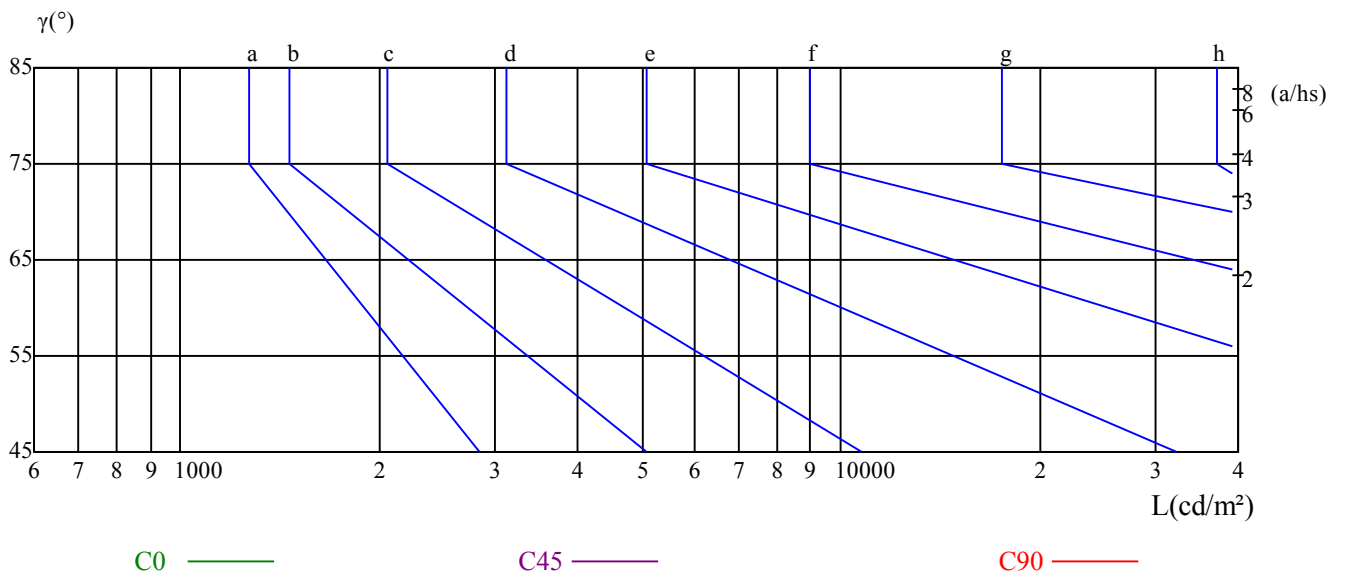
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

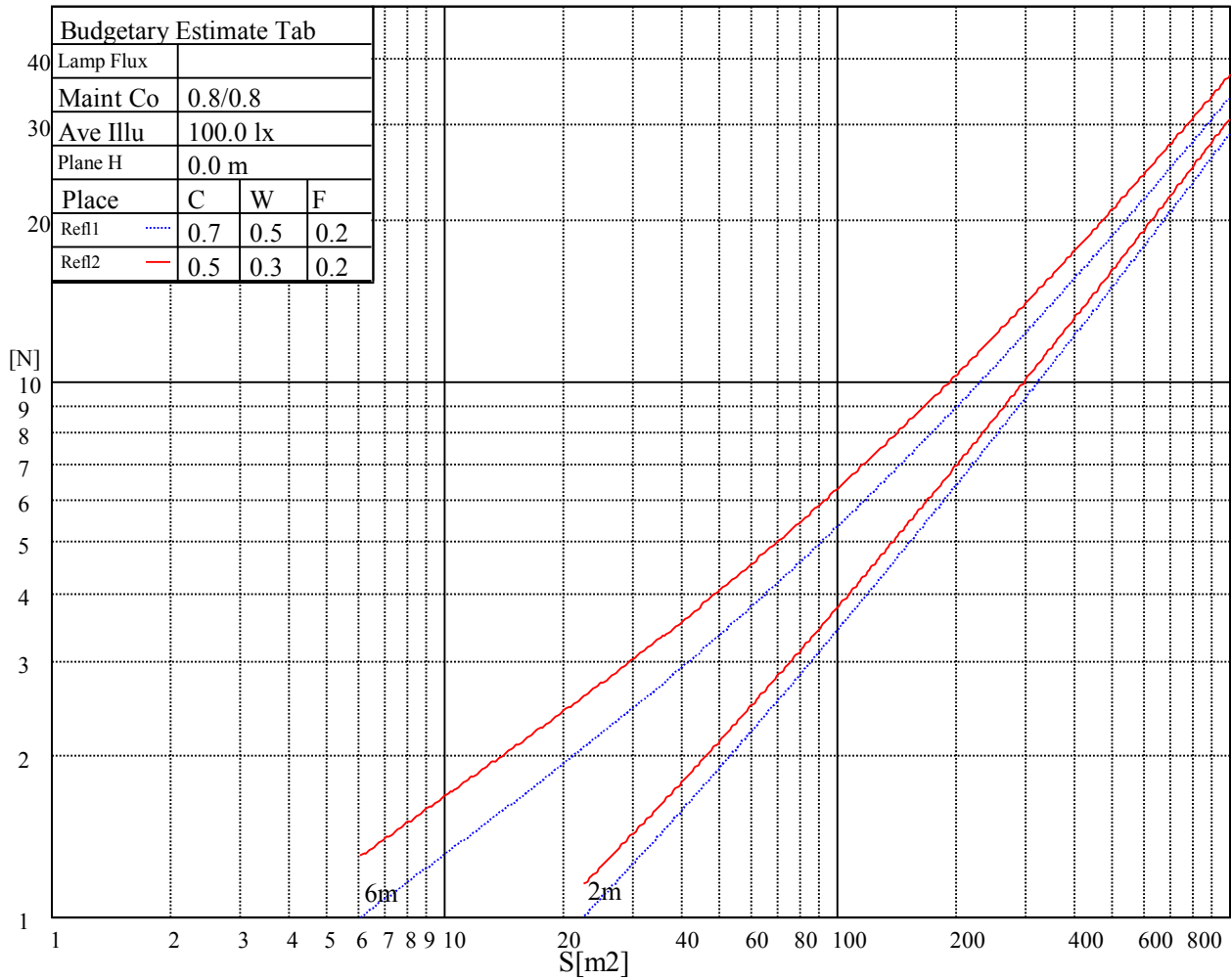
L(Hor)(65)	L(Ver)(65)	L45(65)	L(Hor)(75)	L(Ver)(75)	L45(75)	L(Hor)(85)	L(Ver)(85)	L45(85)
0	0	0	0	0	0	0	0	0

Glare Table

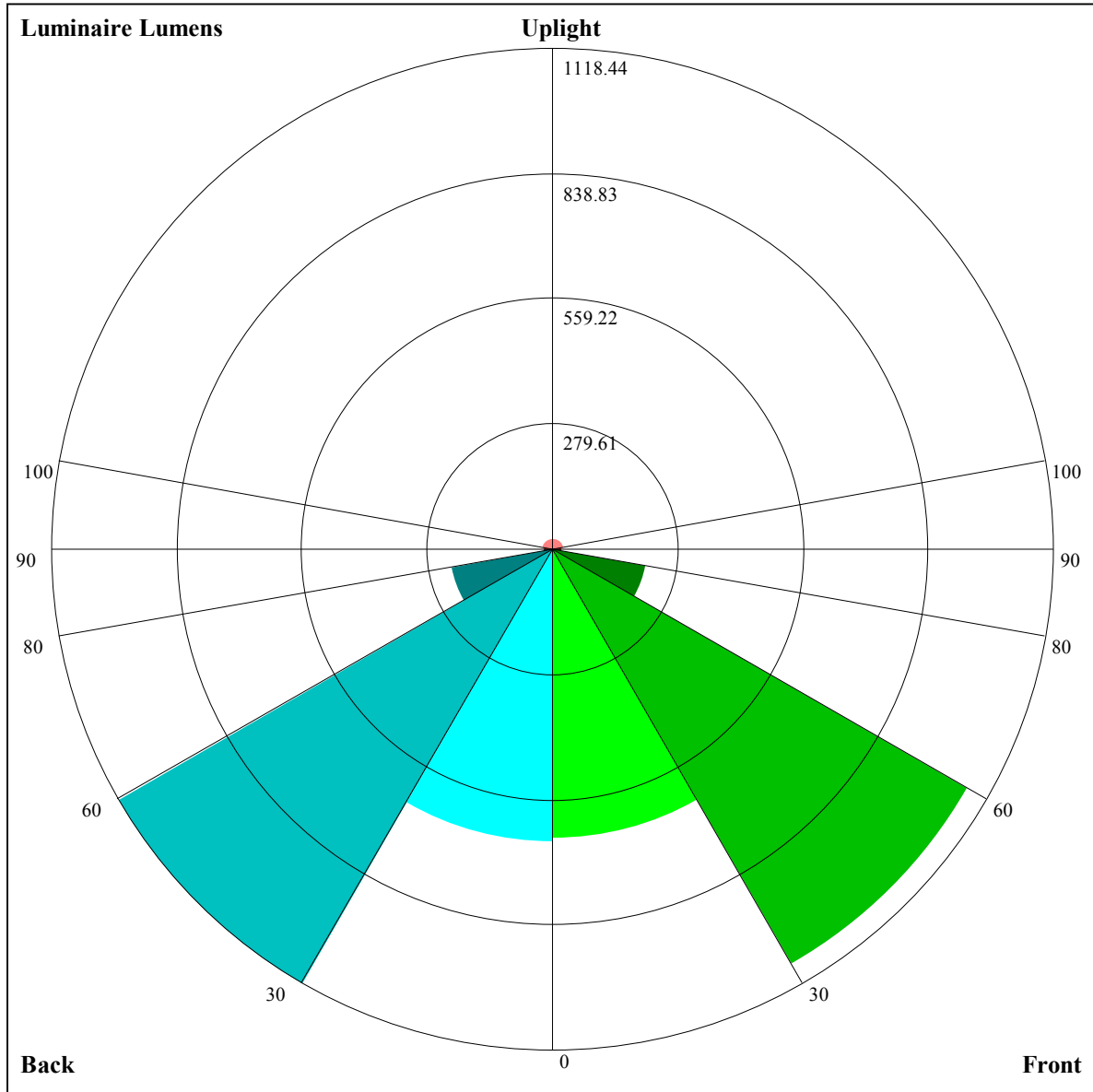
Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

Luminance Limiting Curve





RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	0.99
1	1.06	1.02	0.99	1.03	1.00	0.97	0.99	0.96	0.94	0.95	0.93	0.91	0.91	0.89	0.88	0.86
2	0.94	0.88	0.83	0.92	0.86	0.82	0.88	0.84	0.80	0.85	0.81	0.78	0.82	0.79	0.76	0.74
3	0.84	0.76	0.70	0.82	0.75	0.70	0.79	0.73	0.68	0.76	0.71	0.67	0.74	0.69	0.66	0.64
4	0.75	0.67	0.61	0.74	0.66	0.60	0.71	0.65	0.59	0.69	0.63	0.59	0.66	0.62	0.58	0.56
5	0.68	0.59	0.53	0.66	0.59	0.53	0.64	0.57	0.52	0.62	0.56	0.51	0.60	0.55	0.51	0.49
6	0.61	0.53	0.47	0.60	0.52	0.47	0.58	0.51	0.46	0.57	0.50	0.46	0.55	0.49	0.45	0.43
7	0.56	0.48	0.42	0.55	0.47	0.42	0.53	0.46	0.41	0.52	0.46	0.41	0.50	0.45	0.40	0.39
8	0.51	0.43	0.37	0.50	0.43	0.37	0.49	0.42	0.37	0.48	0.41	0.37	0.46	0.41	0.37	0.35
9	0.47	0.39	0.34	0.46	0.39	0.34	0.45	0.38	0.34	0.44	0.38	0.33	0.43	0.37	0.33	0.31
10	0.43	0.36	0.31	0.43	0.36	0.31	0.42	0.35	0.31	0.41	0.35	0.30	0.40	0.34	0.30	0.29



Luminaire Lumens:

FL=646.59,FM=1067.47,FH=212.21,FVH=21.13

BL=655.72,BM=1118.44,BH=229.42,BVH=23.43

UL=21.68,UH=26.86

BUG Rating:B2-U2-G1

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 11 Total:37

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
0.0	1874.22	1881.01	1868.02	1837.91	1743.17	1547.19	1471.33	1420.57	1400.79
2.5	1871.86	1880.42	1873.92	1857.39	1795.12	1607.99	1498.78	1439.16	1404.93
5.0	1878.94	1885.14	1867.13	1832.01	1689.45	1527.71	1456.28	1410.24	1398.43
7.5	1881.30	1888.09	1869.49	1846.18	1744.94	1543.35	1466.32	1421.75	1395.48
10.0	1878.65	1885.43	1877.17	1863.59	1799.54	1615.96	1496.42	1437.10	1402.27
12.5	1886.61	1887.80	1869.79	1838.80	1722.81	1531.84	1457.46	1412.60	1387.81
15.0	1886.32	1891.93	1880.12	1853.56	1788.62	1612.12	1481.37	1428.54	1391.35
17.5	1895.47	1891.34	1869.49	1824.93	1702.73	1525.64	1451.56	1401.68	1367.15
20.0	1893.99	1893.40	1876.28	1843.23	1744.06	1551.32	1464.84	1401.97	1359.18
22.5	1898.13	1897.24	1882.48	1856.51	1781.24	1610.06	1484.32	1406.99	1352.39
25.0	1901.96	1902.26	1888.39	1870.97	1824.34	1680.89	1531.25	1426.18	1366.85
27.5	1902.85	1903.44	1881.01	1851.20	1776.52	1590.58	1468.09	1386.63	1327.01
30.0	1904.03	1912.00	1899.90	1870.38	1831.13	1738.45	1540.40	1423.81	1361.83
32.5	1905.21	1904.62	1885.43	1856.80	1803.38	1628.06	1461.01	1388.40	1332.91
35.0	1912.00	1909.64	1898.42	1872.74	1835.85	1711.88	1551.03	1419.98	1353.86
37.5	1911.41	1909.64	1907.57	1884.25	1850.02	1763.24	1573.16	1447.43	1370.69
40.0	1911.11	1910.82	1892.22	1860.05	1800.14	1636.92	1467.79	1397.84	1337.93
42.5	1913.77	1910.52	1898.71	1869.20	1806.63	1707.75	1533.32	1411.71	1353.86
45.0	1912.88	1915.54	1906.98	1881.30	1830.83	1757.04	1610.94	1485.21	1384.56
47.5	1912.88	1912.00	1907.86	1889.27	1846.18	1782.72	1677.06	1525.64	1417.91
50.0	1914.65	1910.52	1890.75	1857.10	1787.74	1715.13	1596.18	1455.10	1376.89
52.5	1912.59	1913.47	1899.01	1868.31	1801.02	1735.79	1651.67	1526.53	1411.71
55.0	1913.18	1916.72	1904.03	1877.76	1819.91	1755.86	1687.09	1589.10	1475.76
57.5	1908.75	1912.00	1912.00	1892.22	1843.52	1770.62	1720.74	1667.02	1553.98
60.0	1909.64	1904.62	1895.17	1845.29	1786.85	1735.79	1690.04	1629.54	1517.38
62.5	1908.75	1907.86	1903.73	1868.31	1810.17	1754.09	1718.97	1667.02	1607.10
65.0	1905.21	1905.80	1902.26	1879.23	1819.32	1766.49	1725.76	1695.36	1647.84
67.5	1906.39	1904.91	1890.45	1837.62	1787.74	1746.42	1705.39	1675.58	1631.90
70.0	1903.73	1899.01	1894.29	1867.13	1817.84	1760.29	1729.89	1693.58	1661.41
72.5	1904.62	1903.14	1899.60	1885.14	1824.93	1771.21	1747.89	1713.66	1679.71
75.0	1899.60	1901.37	1887.20	1845.00	1779.47	1751.14	1723.69	1694.77	1673.22
77.5	1901.96	1897.54	1884.55	1842.64	1785.08	1759.11	1730.77	1703.62	1678.53
80.0	1898.71	1894.58	1889.27	1864.48	1804.86	1765.01	1743.17	1718.67	1690.63
82.5	1892.52	1894.88	1885.14	1837.91	1781.83	1754.98	1732.55	1708.64	1684.44
85.0	1896.65	1891.04	1885.43	1844.70	1786.26	1760.58	1735.20	1710.41	1687.68
87.5	1891.63	1887.50	1868.61	1816.66	1773.28	1749.07	1724.87	1702.14	1675.58
90.0	1892.52	1889.27	1877.76	1845.00	1778.29	1756.45	1730.77	1705.10	1687.68
92.5	1879.53	1880.71	1878.65	1867.43	1806.04	1770.03	1747.60	1731.36	1709.82
95.0	1879.53	1881.01	1875.69	1844.41	1785.38	1762.35	1738.74	1716.90	1696.83
97.5	1878.65	1879.53	1865.07	1834.96	1779.18	1757.93	1733.14	1710.70	1689.75
100.0	1879.83	1881.30	1869.49	1819.32	1769.73	1749.37	1727.53	1704.21	1676.17
102.5	1876.58	1874.81	1873.04	1852.67	1803.97	1763.54	1734.02	1713.66	1688.57
105.0	1875.99	1878.35	1872.45	1847.36	1784.20	1757.04	1728.12	1702.14	1678.83
107.5	1876.58	1877.17	1867.72	1826.99	1767.67	1741.10	1714.24	1686.21	1659.35
110.0	1876.87	1878.65	1870.09	1826.99	1767.08	1737.56	1711.29	1677.94	1631.60
112.5	1879.23	1874.22	1870.97	1863.00	1819.91	1760.29	1729.89	1700.08	1651.08
115.0	1876.87	1877.17	1875.10	1856.80	1801.02	1753.80	1718.38	1674.10	1625.40
117.5	1877.17	1879.83	1869.49	1839.98	1779.47	1731.36	1690.63	1630.13	1529.48
120.0	1877.46	1878.06	1873.92	1864.18	1817.55	1751.73	1712.77	1650.79	1542.76
122.5	1874.22	1877.76	1876.58	1857.39	1801.91	1745.24	1688.57	1606.22	1482.85
125.0	1877.17	1876.87	1871.86	1837.32	1780.66	1718.97	1626.58	1512.66	1409.35
127.5	1876.58	1876.28	1875.40	1859.17	1817.25	1758.52	1664.36	1530.66	1429.72
130.0	1877.46	1875.99	1874.81	1854.44	1816.07	1732.25	1602.38	1489.63	1393.71
132.5	1874.22	1876.28	1864.77	1847.06	1796.59	1704.51	1561.95	1432.38	1383.08
135.0	1876.28	1871.27	1863.00	1838.50	1783.02	1658.46	1512.07	1409.35	1360.36
137.5	1872.15	1873.63	1855.92	1832.01	1755.27	1587.33	1462.48	1383.68	1350.91
140.0	1875.10	1871.86	1866.54	1848.24	1811.65	1690.93	1512.07	1421.75	1371.28
142.5	1869.49	1868.91	1858.28	1834.37	1763.24	1596.78	1445.36	1391.94	1349.44

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 12 Total:37

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
145.0	1871.56	1868.91	1863.00	1848.24	1808.99	1669.97	1523.28	1421.16	1374.23
147.5	1867.43	1869.79	1853.26	1832.01	1762.35	1615.37	1466.02	1393.42	1355.64
150.0	1868.31	1862.71	1845.88	1811.94	1687.68	1528.30	1437.10	1380.72	1350.62
152.5	1867.72	1867.13	1853.85	1834.96	1771.51	1597.95	1487.57	1422.93	1377.48
155.0	1868.02	1864.48	1846.47	1824.63	1723.98	1573.46	1471.04	1421.16	1381.90
157.5	1863.89	1854.44	1837.91	1790.69	1660.82	1508.23	1450.38	1414.37	1393.12
160.0	1863.59	1859.46	1846.18	1815.78	1692.99	1545.12	1469.56	1433.26	1414.96
162.5	1861.23	1854.44	1828.76	1785.38	1620.98	1502.62	1455.99	1427.06	1425.00
165.0	1865.36	1857.39	1843.23	1804.86	1685.03	1518.56	1465.43	1437.98	1432.67
167.5	1863.00	1854.74	1831.13	1790.98	1632.78	1507.05	1457.17	1436.80	1435.92
170.0	1861.82	1851.79	1826.70	1755.27	1601.79	1482.26	1452.15	1434.15	1449.49
172.5	1869.20	1858.87	1842.34	1812.53	1691.22	1537.45	1467.20	1438.57	1438.57
175.0	1864.48	1852.38	1825.52	1774.16	1576.70	1494.06	1451.85	1432.38	1446.84
177.5	1872.74	1862.12	1841.46	1812.24	1674.10	1527.71	1467.20	1439.75	1438.57
180.0	1874.22	1863.00	1838.50	1805.45	1669.68	1516.20	1462.19	1440.05	1442.41
182.5	1871.86	1857.69	1834.37	1781.24	1597.66	1495.83	1456.28	1435.62	1453.92
185.0	1878.94	1871.56	1853.56	1834.08	1716.31	1534.79	1480.19	1442.41	1435.33
187.5	1881.30	1874.81	1852.97	1819.91	1676.47	1515.90	1472.22	1442.11	1435.62
190.0	1878.65	1871.56	1847.06	1802.50	1628.06	1500.85	1463.37	1434.74	1440.64
192.5	1887.20	1878.06	1866.25	1837.91	1750.84	1562.24	1493.18	1449.20	1431.49
195.0	1886.32	1885.73	1869.49	1821.39	1683.25	1532.14	1473.40	1440.34	1426.77
197.5	1895.47	1896.06	1883.66	1864.48	1789.51	1635.44	1508.52	1458.94	1427.36
200.0	1893.99	1893.11	1884.25	1857.39	1789.51	1605.63	1499.37	1452.44	1409.06
202.5	1898.13	1899.31	1882.48	1851.79	1763.54	1578.47	1496.42	1434.44	1389.28
205.0	1901.96	1899.90	1879.83	1841.46	1698.31	1531.55	1462.48	1401.68	1366.85
207.5	1902.85	1905.80	1897.83	1871.27	1801.61	1653.15	1496.13	1437.10	1373.93
210.0	1904.03	1901.08	1884.55	1839.09	1745.83	1538.33	1455.69	1383.38	1344.42
212.5	1905.21	1911.11	1901.37	1875.69	1826.11	1660.53	1502.92	1412.30	1365.08
215.0	1912.00	1908.75	1888.68	1866.84	1788.62	1615.37	1468.97	1392.53	1348.85
217.5	1911.41	1908.75	1893.40	1860.05	1775.34	1586.74	1450.08	1388.99	1337.93
220.0	1911.11	1910.82	1908.45	1883.07	1854.15	1748.19	1588.21	1443.89	1377.18
222.5	1913.77	1912.00	1903.14	1883.07	1837.62	1733.14	1563.72	1435.92	1376.89
225.0	1912.88	1909.64	1896.65	1870.68	1805.74	1685.61	1523.87	1421.16	1365.38
227.5	1912.88	1909.05	1891.63	1857.69	1783.90	1680.89	1528.59	1416.14	1370.69
230.0	1914.65	1910.23	1899.90	1887.80	1852.38	1769.44	1667.61	1524.46	1427.65
232.5	1912.59	1912.29	1903.73	1883.07	1834.67	1755.27	1661.71	1550.14	1427.65
235.0	1913.47	1912.59	1898.42	1877.46	1817.55	1741.69	1680.01	1553.09	1455.10
237.5	1908.75	1905.21	1892.52	1849.43	1791.87	1732.25	1661.12	1563.13	1448.02
240.0	1909.64	1908.16	1904.03	1881.01	1836.73	1771.21	1726.64	1677.06	1577.00
242.5	1908.75	1905.80	1897.54	1874.51	1805.74	1762.35	1721.92	1668.50	1594.12
245.0	1905.21	1906.09	1893.11	1859.76	1796.89	1750.55	1717.20	1677.35	1610.65
247.5	1906.39	1904.62	1900.78	1883.07	1825.22	1775.34	1743.46	1707.75	1675.58
250.0	1903.73	1903.73	1893.70	1861.82	1806.04	1762.06	1732.84	1706.28	1672.04
252.5	1904.62	1901.37	1886.02	1841.16	1780.36	1746.42	1726.94	1699.19	1672.92
255.0	1899.60	1905.21	1896.35	1883.07	1822.57	1777.70	1751.73	1728.71	1700.67
257.5	1901.96	1898.71	1894.29	1865.95	1814.30	1770.62	1744.94	1723.69	1696.83
260.0	1898.71	1893.70	1887.80	1846.47	1786.85	1757.04	1738.74	1718.97	1695.95
262.5	1892.52	1900.19	1890.45	1862.12	1799.54	1771.80	1749.37	1727.82	1711.00
265.0	1896.65	1891.34	1883.96	1847.65	1791.87	1763.54	1742.88	1725.17	1707.46
267.5	1891.63	1892.52	1891.63	1873.04	1806.04	1771.80	1749.66	1730.77	1710.70
270.0	1881.60	1893.11	1883.37	1850.90	1788.03	1762.94	1742.58	1722.81	1703.03
272.5	1879.53	1872.45	1860.94	1800.14	1757.34	1730.48	1711.00	1689.45	1669.09
275.0	1879.53	1874.51	1864.77	1829.06	1768.55	1742.29	1720.74	1705.10	1677.35
277.5	1878.65	1873.63	1870.97	1842.34	1778.29	1747.89	1722.51	1697.42	1680.89
280.0	1879.83	1874.22	1867.72	1845.29	1795.41	1747.30	1721.62	1701.55	1676.76
282.5	1876.58	1874.22	1862.12	1827.58	1764.72	1730.18	1708.05	1683.25	1659.64
285.0	1875.99	1873.63	1860.64	1832.90	1772.98	1736.38	1705.10	1684.44	1656.40
287.5	1875.69	1875.69	1866.84	1856.21	1792.46	1743.17	1711.00	1686.50	1663.18

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 13 Total:37

C/γ(°)	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0
290.0	1876.87	1873.33	1867.72	1852.08	1801.02	1743.46	1707.75	1666.14	1638.39
292.5	1879.23	1870.97	1860.64	1810.17	1746.71	1712.47	1682.66	1647.54	1607.10
295.0	1875.10	1870.09	1861.23	1816.66	1754.98	1713.36	1685.03	1648.72	1594.12
297.5	1877.17	1879.53	1866.54	1848.54	1789.51	1726.64	1696.83	1651.67	1579.36
300.0	1877.46	1870.68	1854.44	1819.02	1749.37	1707.16	1660.53	1584.67	1475.76
302.5	1874.22	1873.04	1860.94	1824.93	1760.88	1704.21	1657.58	1555.75	1439.75
305.0	1877.17	1878.35	1867.43	1839.39	1795.41	1726.94	1659.35	1573.46	1448.31
307.5	1876.58	1874.22	1852.38	1817.84	1757.04	1680.30	1582.90	1453.04	1366.56
310.0	1877.46	1873.92	1860.35	1827.29	1777.41	1688.57	1561.65	1451.26	1361.54
312.5	1874.22	1870.38	1863.00	1841.75	1792.46	1712.18	1569.03	1443.89	1364.19
315.0	1876.28	1875.10	1872.45	1843.82	1804.27	1723.69	1579.06	1443.89	1363.60
317.5	1872.15	1871.56	1867.43	1845.88	1819.02	1738.45	1586.15	1442.11	1368.92
320.0	1875.10	1875.69	1858.28	1831.42	1780.95	1632.78	1486.68	1382.79	1327.89
322.5	1869.49	1871.56	1867.43	1841.16	1814.30	1703.03	1545.42	1405.52	1346.78
325.0	1871.56	1876.28	1852.67	1831.42	1764.42	1579.36	1435.92	1360.65	1318.15
327.5	1867.43	1873.63	1858.87	1837.32	1790.10	1625.70	1483.73	1391.05	1331.14
330.0	1868.31	1868.31	1866.54	1845.29	1815.19	1696.54	1543.06	1430.01	1354.75
332.5	1867.72	1872.45	1859.46	1835.26	1743.17	1592.94	1459.53	1385.44	1336.74
335.0	1868.02	1874.22	1863.00	1838.50	1783.90	1606.52	1478.71	1414.37	1354.45
337.5	1863.89	1871.56	1871.27	1850.90	1800.72	1667.02	1506.75	1437.98	1384.56
340.0	1863.59	1873.04	1863.89	1838.21	1770.92	1584.97	1470.15	1421.75	1375.41
342.5	1861.23	1871.86	1868.91	1850.90	1801.61	1633.67	1505.87	1439.16	1390.76
345.0	1865.36	1876.28	1864.77	1836.73	1727.82	1566.37	1466.61	1420.27	1390.17
347.5	1863.00	1872.15	1864.48	1844.41	1766.49	1586.15	1481.07	1426.47	1394.30
350.0	1861.82	1873.33	1870.09	1848.24	1785.97	1628.36	1486.68	1440.64	1399.02
352.5	1869.20	1877.17	1861.23	1819.91	1700.67	1559.58	1451.85	1410.83	1396.07
355.0	1864.48	1875.10	1870.38	1851.79	1787.15	1629.83	1492.29	1433.56	1404.33
357.5	1872.74	1881.01	1864.48	1827.29	1693.29	1519.15	1456.87	1418.50	1404.93
360.0	1874.22	1881.01	1868.02	1837.91	1743.17	1547.19	1471.34	1420.57	1400.79

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 14 Total:37

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
0.0	1425.59	1554.57	1616.55	1596.48	1544.53	1435.92	1243.77	1028.61	827.61
2.5	1406.70	1495.54	1605.63	1608.58	1568.73	1484.91	1311.07	1145.78	912.32
5.0	1443.30	1570.80	1610.94	1579.06	1531.25	1394.30	1233.74	1021.23	778.61
7.5	1406.11	1538.33	1605.92	1590.28	1541.58	1434.74	1252.04	1087.64	850.63
10.0	1394.30	1458.35	1587.04	1598.55	1556.63	1486.39	1341.47	1166.44	944.78
12.5	1411.12	1516.79	1589.99	1568.73	1515.02	1398.73	1249.08	1053.10	863.03
15.0	1384.27	1435.92	1562.24	1557.22	1515.90	1450.38	1309.00	1122.76	954.52
17.5	1374.23	1482.26	1538.93	1517.08	1462.19	1374.23	1210.42	1047.79	852.40
20.0	1341.76	1419.09	1509.11	1508.52	1465.14	1383.08	1266.20	1101.21	940.65
22.5	1327.01	1354.45	1463.07	1496.72	1472.52	1413.78	1310.48	1165.85	992.60
25.0	1321.10	1312.54	1394.89	1483.44	1479.89	1443.30	1367.15	1258.82	1105.35
27.5	1304.28	1323.46	1414.67	1477.24	1463.07	1415.55	1325.82	1203.34	1050.15
30.0	1327.01	1298.38	1329.37	1430.90	1465.43	1445.07	1392.23	1295.72	1188.58
32.5	1301.92	1287.16	1362.13	1444.18	1450.67	1412.60	1352.98	1260.30	1141.65
35.0	1312.84	1281.55	1283.03	1372.75	1441.52	1428.54	1386.33	1316.38	1225.77
37.5	1316.38	1285.98	1271.81	1308.11	1407.88	1428.54	1396.66	1341.76	1266.79
40.0	1290.70	1268.86	1270.63	1338.81	1411.42	1400.50	1360.36	1290.70	1201.86
42.5	1301.92	1272.99	1254.10	1288.05	1362.42	1396.37	1362.13	1315.20	1237.87
45.0	1327.60	1288.93	1257.64	1246.13	1283.03	1368.62	1374.53	1335.27	1277.42
47.5	1347.96	1297.79	1263.84	1236.69	1229.90	1290.41	1348.26	1338.22	1290.11
50.0	1318.45	1274.17	1244.07	1218.39	1217.21	1280.96	1322.87	1294.24	1240.82
52.5	1341.76	1294.83	1251.45	1219.57	1197.14	1214.85	1264.73	1286.86	1249.97
55.0	1370.39	1312.25	1274.76	1226.06	1198.61	1173.82	1197.14	1239.05	1246.72
57.5	1451.85	1352.68	1300.44	1256.17	1210.42	1177.07	1146.08	1151.09	1190.06
60.0	1404.33	1335.86	1278.31	1230.19	1187.99	1144.01	1114.79	1108.59	1144.31
62.5	1503.80	1397.25	1321.40	1263.25	1215.14	1165.56	1117.45	1079.08	1058.71
65.0	1592.05	1482.55	1375.70	1301.03	1238.46	1191.53	1134.27	1082.03	1042.18
67.5	1578.77	1488.16	1394.30	1289.52	1241.12	1168.80	1114.79	1059.89	1006.47
70.0	1625.40	1577.30	1505.87	1399.02	1292.18	1214.55	1149.62	1092.95	1034.21
72.5	1657.87	1618.91	1571.10	1512.95	1417.62	1320.22	1214.85	1142.54	1072.88
75.0	1637.51	1595.30	1555.16	1493.77	1432.38	1325.82	1221.93	1127.78	1051.04
77.5	1647.54	1617.44	1577.00	1525.05	1478.71	1408.76	1336.45	1240.53	1147.26
80.0	1664.66	1634.55	1598.55	1559.58	1505.28	1454.22	1397.55	1325.82	1266.20
82.5	1659.35	1625.40	1592.35	1548.07	1492.29	1446.54	1383.68	1318.15	1229.90
85.0	1662.59	1638.39	1602.68	1561.95	1508.82	1465.43	1402.56	1339.70	1286.86
87.5	1655.81	1620.68	1584.08	1550.14	1492.88	1444.77	1381.31	1315.49	1246.72
90.0	1656.69	1637.21	1599.73	1560.77	1511.48	1460.71	1404.63	1339.99	1289.82
92.5	1683.84	1659.05	1623.34	1582.61	1549.55	1502.33	1455.10	1400.50	1347.37
95.0	1671.74	1641.93	1609.76	1565.78	1522.40	1477.83	1423.22	1371.28	1311.36
97.5	1664.66	1626.29	1593.82	1548.96	1507.05	1461.01	1400.79	1351.21	1276.83
100.0	1645.77	1614.48	1563.42	1538.04	1483.73	1417.32	1361.83	1270.93	1170.28
102.5	1664.07	1629.83	1584.67	1536.56	1484.32	1402.56	1309.30	1217.21	1138.11
105.0	1646.95	1601.20	1556.04	1483.44	1391.64	1305.46	1210.13	1144.01	1089.11
107.5	1607.40	1547.48	1457.76	1366.56	1279.49	1207.47	1151.69	1104.17	1047.50
110.0	1579.66	1476.65	1396.07	1300.74	1238.16	1192.12	1142.83	1096.20	1053.10
112.5	1591.46	1489.04	1397.84	1312.84	1257.94	1218.98	1169.69	1124.24	1091.77
115.0	1518.26	1411.42	1339.11	1284.50	1242.89	1199.80	1159.95	1128.66	1103.28
117.5	1429.72	1348.55	1298.97	1252.63	1220.45	1185.92	1159.36	1148.44	1181.49
120.0	1444.77	1358.29	1318.15	1269.45	1236.98	1207.76	1189.46	1188.58	1239.05
122.5	1384.27	1335.56	1295.72	1257.64	1231.97	1216.62	1222.52	1279.49	1307.53
125.0	1353.86	1309.30	1273.58	1250.27	1235.51	1258.82	1312.84	1344.71	1309.00
127.5	1368.92	1321.40	1291.00	1268.27	1257.64	1277.71	1352.09	1380.13	1350.03
130.0	1351.50	1311.95	1282.14	1270.63	1287.45	1351.50	1408.76	1388.10	1346.48
132.5	1334.09	1303.69	1284.80	1289.52	1348.85	1429.72	1430.60	1391.94	1333.50
135.0	1326.71	1302.80	1298.67	1334.97	1430.60	1459.53	1432.67	1380.72	1331.73
137.5	1316.68	1305.75	1320.81	1410.24	1475.47	1469.86	1423.52	1379.84	1290.70
140.0	1333.20	1317.56	1322.58	1396.96	1487.27	1493.47	1461.01	1404.33	1298.08
142.5	1328.78	1328.19	1387.81	1486.68	1514.43	1483.14	1438.87	1363.60	1236.98

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 15 Total:37

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
145.0	1337.34	1331.73	1358.88	1468.09	1525.64	1513.84	1469.27	1413.48	1298.97
147.5	1338.52	1346.78	1440.05	1533.32	1536.86	1497.90	1441.52	1334.97	1198.61
150.0	1352.09	1405.81	1527.41	1553.68	1528.89	1476.35	1376.89	1251.15	1080.55
152.5	1355.64	1384.85	1491.41	1564.01	1554.27	1511.48	1435.33	1313.43	1142.83
155.0	1375.11	1418.21	1554.27	1580.54	1548.07	1497.01	1408.47	1240.23	1053.69
157.5	1406.40	1504.69	1588.81	1581.43	1533.32	1464.55	1314.31	1132.20	955.11
160.0	1417.03	1508.23	1608.29	1608.29	1565.49	1497.01	1369.21	1176.48	985.22
162.5	1466.91	1602.38	1641.93	1610.35	1558.41	1465.43	1291.00	1088.23	856.24
165.0	1455.10	1579.95	1663.18	1651.67	1598.84	1506.16	1352.39	1145.78	949.80
167.5	1494.36	1627.77	1685.61	1656.69	1607.69	1485.50	1306.64	1109.18	862.73
170.0	1526.23	1668.79	1689.75	1658.17	1597.07	1460.71	1271.81	1070.22	845.61
172.5	1474.29	1602.09	1691.81	1681.78	1637.80	1556.04	1386.63	1181.49	936.52
175.0	1515.31	1668.50	1699.19	1665.84	1608.29	1463.96	1293.36	1073.17	870.99
177.5	1488.75	1605.92	1701.55	1680.60	1638.39	1515.90	1375.41	1166.74	922.65
180.0	1501.44	1644.00	1702.44	1677.65	1624.52	1515.90	1337.04	1121.87	922.65
182.5	1549.84	1684.73	1695.06	1649.61	1600.32	1436.80	1252.92	1047.50	801.63
185.0	1467.20	1603.56	1686.80	1677.94	1633.96	1546.60	1376.00	1190.65	955.41
187.5	1476.65	1621.57	1688.57	1666.14	1621.86	1527.71	1334.09	1148.14	931.50
190.0	1507.93	1652.85	1680.01	1645.47	1592.05	1461.30	1257.64	1085.57	841.48
192.5	1443.30	1552.21	1658.17	1656.99	1614.48	1551.03	1396.66	1192.12	991.12
195.0	1456.87	1578.47	1644.89	1620.98	1568.44	1490.81	1308.41	1108.89	901.99
197.5	1414.96	1450.38	1576.41	1609.17	1578.77	1531.25	1407.58	1228.42	1054.88
200.0	1397.84	1442.41	1565.49	1584.97	1555.75	1511.77	1388.69	1223.41	1051.92
202.5	1380.43	1432.38	1544.83	1570.21	1540.99	1492.88	1384.27	1205.40	1045.72
205.0	1360.95	1449.49	1542.17	1552.21	1516.49	1461.89	1337.34	1182.68	1024.18
207.5	1345.90	1355.93	1453.33	1538.04	1537.74	1496.13	1448.61	1299.56	1165.56
210.0	1335.56	1381.90	1479.89	1533.91	1521.22	1470.15	1384.56	1266.79	1108.00
212.5	1334.38	1330.84	1385.44	1497.01	1518.56	1491.99	1452.74	1365.67	1226.95
215.0	1325.82	1329.66	1392.23	1489.34	1505.28	1476.06	1430.60	1338.81	1202.45
217.5	1318.74	1311.95	1370.39	1458.94	1493.47	1460.71	1418.21	1336.45	1234.62
220.0	1339.70	1311.07	1303.10	1333.50	1435.62	1474.88	1455.10	1403.45	1350.62
222.5	1335.27	1304.87	1294.54	1314.31	1406.99	1453.63	1439.75	1391.64	1340.58
225.0	1321.10	1292.47	1285.98	1296.01	1382.49	1434.74	1423.22	1374.23	1309.89
227.5	1322.28	1288.34	1274.76	1280.96	1348.85	1413.19	1406.70	1363.90	1298.38
230.0	1367.15	1320.22	1292.18	1267.39	1258.23	1294.83	1372.16	1386.92	1351.21
232.5	1375.11	1326.42	1287.16	1260.01	1244.36	1254.99	1314.61	1357.11	1332.02
235.0	1376.00	1324.94	1290.41	1255.28	1230.49	1218.98	1257.35	1313.43	1313.72
237.5	1367.15	1324.94	1282.44	1247.90	1218.09	1198.32	1205.40	1255.87	1270.63
240.0	1466.02	1381.61	1324.64	1284.50	1242.00	1205.40	1180.91	1163.49	1184.45
242.5	1481.96	1377.18	1326.12	1278.01	1242.00	1199.50	1162.31	1136.34	1118.04
245.0	1526.82	1429.72	1340.58	1288.34	1242.00	1194.78	1158.77	1115.09	1080.85
247.5	1623.34	1542.47	1455.10	1356.22	1290.70	1234.03	1190.65	1138.40	1091.77
250.0	1634.85	1565.19	1474.29	1391.05	1303.39	1239.05	1182.38	1125.12	1076.72
252.5	1636.32	1583.49	1520.63	1429.13	1344.42	1255.58	1182.68	1127.48	1065.50
255.0	1675.29	1638.98	1604.74	1553.39	1495.54	1414.37	1296.31	1235.80	1144.60
257.5	1674.99	1642.82	1609.76	1564.60	1518.56	1459.23	1386.04	1292.18	1212.49
260.0	1666.14	1634.85	1599.43	1560.18	1518.26	1466.91	1401.09	1344.12	1272.99
262.5	1685.32	1654.33	1624.52	1586.74	1537.74	1499.67	1444.77	1387.22	1335.86
265.0	1682.07	1652.85	1625.70	1585.56	1538.04	1494.36	1440.93	1384.56	1333.79
267.5	1685.91	1668.20	1635.73	1605.92	1561.95	1507.64	1462.19	1413.48	1354.75
270.0	1677.06	1654.92	1619.21	1581.13	1539.81	1492.29	1443.89	1394.30	1339.70
272.5	1640.16	1606.22	1568.44	1529.19	1482.55	1431.49	1374.23	1328.78	1252.33
275.0	1650.79	1620.98	1583.20	1540.10	1495.24	1443.00	1391.64	1329.07	1266.20
277.5	1651.67	1624.52	1587.33	1538.93	1500.56	1448.02	1385.15	1332.32	1272.11
280.0	1654.03	1620.68	1581.43	1544.53	1494.65	1449.79	1385.74	1314.31	1241.12
282.5	1628.06	1589.10	1551.91	1502.62	1433.56	1370.69	1271.81	1188.87	1089.70
285.0	1625.11	1587.04	1541.29	1478.71	1410.24	1303.39	1202.16	1125.12	1053.10
287.5	1631.90	1594.71	1535.97	1449.79	1363.60	1261.19	1171.46	1111.25	1055.17

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 16 Total:37

C/γ(°)	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5
290.0	1584.67	1517.38	1422.93	1321.99	1241.12	1167.62	1118.04	1064.32	1018.87
292.5	1531.84	1436.80	1337.63	1260.89	1198.32	1148.14	1097.08	1047.79	1005.58
295.0	1490.22	1382.49	1306.05	1242.89	1197.43	1144.01	1096.20	1063.43	1032.74
297.5	1483.14	1373.64	1302.21	1249.38	1198.32	1159.36	1115.09	1091.18	1082.32
300.0	1365.38	1303.69	1252.04	1211.31	1171.46	1134.27	1115.09	1140.47	1180.31
302.5	1358.00	1299.26	1249.08	1210.42	1177.07	1156.11	1160.83	1206.88	1217.50
305.0	1365.38	1308.11	1257.64	1222.52	1193.30	1173.82	1211.90	1261.78	1253.51
307.5	1314.31	1265.61	1232.26	1208.65	1201.27	1248.20	1300.74	1287.75	1234.33
310.0	1315.20	1269.16	1238.76	1220.16	1230.79	1301.92	1330.55	1299.85	1254.10
312.5	1312.84	1273.58	1251.15	1234.92	1278.60	1339.70	1355.93	1316.08	1264.14
315.0	1315.79	1277.42	1250.86	1250.27	1310.77	1379.84	1376.00	1331.73	1268.27
317.5	1323.17	1275.06	1257.94	1268.27	1343.53	1402.86	1388.40	1349.44	1283.91
320.0	1292.77	1267.68	1271.81	1350.91	1421.16	1410.83	1368.62	1301.33	1214.85
322.5	1303.10	1278.31	1282.14	1362.42	1434.44	1431.19	1392.82	1321.40	1228.72
325.0	1290.11	1287.75	1358.29	1447.72	1446.84	1408.47	1346.78	1254.40	1108.00
327.5	1302.21	1294.54	1350.62	1450.67	1457.76	1430.31	1374.53	1256.17	1129.84
330.0	1313.72	1301.03	1354.75	1455.99	1474.58	1444.77	1396.07	1301.62	1143.42
332.5	1311.66	1341.76	1445.95	1485.21	1463.37	1414.67	1309.00	1176.18	999.98
335.0	1325.23	1354.75	1463.37	1497.31	1473.40	1426.47	1320.22	1163.49	998.80
337.5	1347.96	1351.21	1446.84	1511.48	1491.41	1440.93	1363.01	1193.30	1037.17
340.0	1363.31	1419.68	1522.40	1527.71	1487.57	1421.16	1284.80	1106.53	891.95
342.5	1376.30	1410.53	1524.46	1557.22	1523.28	1470.45	1351.21	1157.00	982.56
345.0	1388.40	1481.07	1577.30	1565.78	1522.99	1434.74	1291.00	1085.87	871.29
347.5	1392.23	1478.71	1584.97	1589.10	1539.52	1471.63	1302.51	1134.86	900.51
350.0	1397.84	1462.19	1590.28	1597.36	1565.78	1490.81	1378.36	1151.69	916.15
352.5	1434.15	1549.26	1612.42	1581.43	1535.09	1403.74	1205.11	1026.54	781.86
355.0	1408.17	1489.63	1599.73	1606.52	1565.78	1492.59	1321.69	1136.04	897.26
357.5	1437.10	1574.93	1617.44	1591.46	1524.17	1381.90	1216.32	994.66	792.78
360.0	1425.59	1554.57	1616.55	1596.48	1544.53	1435.92	1243.77	1028.61	827.61

Equipment:  
Temperature(°C): 25.2Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 17 Total:37

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
0.0	598.27	454.24	350.05	260.91	241.73	222.84	196.87	177.09	155.25
2.5	669.41	520.65	391.67	299.58	243.21	229.33	211.03	185.65	164.99
5.0	594.73	452.76	335.00	256.78	239.37	220.18	198.93	178.86	159.68
7.5	615.98	489.07	358.91	262.98	239.96	225.79	207.49	185.36	162.63
10.0	748.21	545.15	411.44	309.02	238.78	233.76	215.76	193.32	177.09
12.5	630.15	475.79	354.18	258.26	231.10	224.02	203.66	183.58	162.63
15.0	726.96	563.15	420.59	288.07	226.68	225.50	211.92	193.62	172.07
17.5	628.67	466.05	348.28	239.37	221.66	220.77	200.41	182.11	158.79
20.0	717.52	523.60	399.34	267.41	218.71	222.54	206.90	185.95	164.10
22.5	814.33	598.27	435.05	315.81	224.02	224.61	211.92	189.78	172.37
25.0	916.15	734.93	537.77	409.38	271.84	216.35	219.30	201.29	177.39
27.5	924.12	701.58	544.26	383.99	249.40	215.46	214.28	195.39	172.37
30.0	1037.17	836.17	663.50	485.53	353.89	229.33	218.41	206.02	182.99
32.5	1003.81	821.41	619.53	445.68	311.39	211.92	211.62	194.80	170.01
35.0	1098.85	957.47	775.66	580.86	419.41	258.85	208.08	206.02	182.70
37.5	1155.23	1041.30	881.03	682.69	529.21	348.58	215.76	208.67	189.78
40.0	1105.94	977.25	807.24	631.63	443.61	282.46	200.11	197.16	176.21
42.5	1150.21	1053.40	910.84	759.43	548.39	389.90	224.91	196.57	180.63
45.0	1199.20	1115.09	1025.66	894.61	694.20	530.68	337.95	201.00	188.31
47.5	1229.31	1151.69	1063.43	974.89	815.51	638.12	457.78	270.06	180.04
50.0	1169.10	1092.95	1014.14	926.48	764.74	548.98	387.24	211.33	168.53
52.5	1188.58	1112.13	1048.97	965.44	847.09	694.20	495.27	304.89	182.70
55.0	1208.65	1137.22	1060.19	985.51	907.30	778.91	622.18	408.79	266.23
57.5	1203.04	1154.05	1095.02	1012.08	949.51	860.96	742.90	590.60	400.52
60.0	1151.09	1096.49	1031.56	950.98	882.80	804.59	680.33	531.27	352.71
62.5	1083.51	1098.26	1053.99	987.58	925.60	845.61	756.18	669.41	497.33
65.0	1009.42	1016.80	1028.61	1005.29	951.57	886.34	795.14	698.33	613.03
67.5	970.17	937.40	964.26	972.82	912.61	845.02	748.51	649.34	562.86
70.0	976.95	933.27	896.38	902.87	912.32	870.70	781.56	676.78	573.19
72.5	1007.35	958.66	904.94	881.92	841.77	816.39	767.40	683.28	588.24
75.0	981.97	932.68	904.94	842.36	777.43	669.70	627.49	564.33	484.35
77.5	1055.76	970.46	941.24	869.81	795.44	672.95	588.83	530.68	480.80
80.0	1183.27	1106.82	1039.53	960.13	855.06	720.17	622.48	556.95	491.72
82.5	1176.18	1137.52	1086.75	986.10	827.61	683.57	587.65	523.90	461.03
85.0	1222.82	1165.26	1156.11	1080.85	981.38	828.20	702.17	605.36	511.79
87.5	1187.10	1170.28	1116.56	1019.46	855.65	739.65	633.69	536.00	458.37
90.0	1231.08	1172.64	1166.44	1090.88	1012.08	837.64	721.65	613.92	520.06
92.5	1291.59	1231.38	1206.88	1168.80	1079.67	952.46	769.46	663.50	575.55
95.0	1258.23	1200.39	1186.81	1115.09	1005.88	842.07	684.46	604.77	515.63
97.5	1214.26	1133.09	1088.23	989.35	866.57	716.63	616.87	551.94	496.15
100.0	1086.16	1008.83	979.32	907.89	824.66	664.39	594.44	544.56	478.44
102.5	1056.65	1005.58	962.20	920.88	854.47	769.76	639.89	603.00	539.83
105.0	1026.83	975.77	941.83	920.88	857.12	795.14	724.30	642.25	555.18
107.5	1003.81	956.00	940.36	937.99	931.21	866.27	750.28	648.15	536.00
110.0	1008.83	978.43	996.43	1023.59	971.94	877.19	778.02	667.93	552.82
112.5	1057.53	1043.95	1058.42	1063.73	1029.20	948.62	858.89	772.41	660.85
115.0	1111.25	1136.34	1112.72	1062.84	995.55	911.43	836.17	733.45	601.82
117.5	1205.99	1171.17	1098.26	1034.51	953.34	881.33	781.27	607.72	435.05
120.0	1255.58	1219.28	1148.73	1083.21	997.02	905.23	814.92	631.04	471.06
122.5	1273.88	1208.65	1148.44	1065.20	972.23	883.69	698.92	535.41	351.23
125.0	1257.94	1185.63	1121.28	1030.38	912.32	756.18	552.23	364.51	246.75
127.5	1289.52	1228.72	1155.52	1073.47	966.92	796.62	590.60	413.21	272.13
130.0	1284.21	1202.16	1126.30	1015.91	869.22	665.57	502.64	328.80	226.68
132.5	1272.99	1176.18	1067.57	931.80	736.41	536.88	391.67	254.72	233.17
135.0	1232.56	1114.50	990.83	802.22	619.53	453.94	299.28	244.68	213.99
137.5	1171.17	1057.83	865.09	665.27	514.16	354.18	262.69	244.39	191.55
140.0	1205.40	1078.78	900.21	695.97	543.97	383.99	283.05	253.24	208.08
142.5	1123.65	930.91	719.58	564.04	407.02	301.65	255.31	227.27	186.24

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 18 Total:37

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
145.0	1151.98	978.14	764.74	598.27	443.02	310.21	257.37	240.55	203.36
147.5	1035.69	836.76	641.37	477.26	354.48	268.59	253.24	211.03	188.90
150.0	902.28	677.08	502.35	390.78	283.94	255.60	231.40	201.88	175.03
152.5	972.82	744.37	546.33	436.53	311.09	255.60	247.34	210.15	189.49
155.0	868.63	641.07	504.42	374.55	276.26	253.83	231.40	207.79	182.40
157.5	726.37	547.21	430.92	306.07	252.65	245.57	214.87	194.51	172.96
160.0	779.20	572.30	467.23	335.59	257.08	249.40	224.02	198.64	181.81
162.5	672.36	512.68	389.60	296.63	250.58	238.78	213.40	189.78	172.66
165.0	715.15	535.41	446.86	323.78	262.69	244.09	218.12	199.23	180.63
167.5	668.52	513.27	397.57	308.73	258.26	239.07	214.28	191.85	175.32
170.0	599.16	494.97	372.78	288.95	257.96	231.10	209.85	188.60	166.17
172.5	735.52	548.69	453.06	334.11	268.00	247.34	219.30	199.52	181.81
175.0	635.46	499.99	396.09	293.97	261.21	232.58	205.72	186.24	166.47
177.5	723.42	544.56	444.20	326.14	262.69	240.55	211.62	189.78	171.78
180.0	680.92	536.00	420.59	306.66	260.32	228.74	204.84	184.18	164.40
182.5	593.55	490.25	355.66	280.69	247.63	219.30	198.34	178.27	160.27
185.0	712.20	563.74	435.64	323.19	257.67	235.83	215.17	193.62	176.21
187.5	692.13	542.20	411.15	311.39	251.76	235.53	212.51	191.85	177.39
190.0	634.58	507.96	371.89	270.95	244.39	226.68	207.20	187.13	165.88
192.5	770.94	572.01	458.67	327.32	256.49	236.42	218.41	199.23	181.52
195.0	691.54	526.85	425.31	300.47	239.66	229.92	210.74	194.21	172.96
197.5	847.38	650.81	519.76	383.99	266.23	234.65	224.91	206.90	186.83
200.0	836.17	627.20	508.84	367.17	270.95	232.29	221.95	203.06	182.70
202.5	831.15	653.47	499.99	381.34	264.16	230.81	221.66	198.93	180.34
205.0	827.61	618.34	469.59	350.64	247.34	229.33	213.40	190.67	174.14
207.5	967.80	751.75	578.20	430.33	291.61	229.92	220.48	198.05	180.63
210.0	918.81	744.37	557.84	420.30	279.80	224.32	214.58	193.32	174.73
212.5	1101.21	914.68	708.37	558.72	400.23	281.28	221.07	208.97	188.01
215.0	1083.21	899.92	695.38	547.51	381.34	263.28	217.23	205.43	182.99
217.5	1100.62	905.23	760.90	584.11	409.97	268.29	212.51	201.88	179.16
220.0	1237.28	1124.53	973.41	796.03	617.16	435.35	282.46	207.49	196.87
222.5	1241.41	1145.49	1017.39	831.15	669.41	475.49	325.85	206.61	193.32
225.0	1230.49	1119.51	1024.77	849.45	653.76	489.66	300.76	200.11	185.36
227.5	1234.92	1133.39	1026.54	903.17	707.19	539.54	339.72	211.33	180.34
230.0	1290.70	1229.31	1137.81	1043.07	943.01	755.59	587.06	380.16	222.84
232.5	1272.99	1215.73	1136.63	1048.38	966.33	796.91	592.96	422.66	241.43
235.0	1260.01	1200.39	1119.51	1048.09	953.93	832.03	654.35	452.17	279.51
237.5	1228.42	1166.44	1094.43	1005.88	912.61	827.31	641.07	479.62	292.79
240.0	1219.57	1201.86	1147.55	1066.68	998.80	911.14	817.57	702.17	512.97
242.5	1144.90	1154.34	1105.35	1038.64	969.28	891.95	796.62	681.21	531.57
245.0	1061.96	1080.26	1074.06	1031.56	967.21	881.62	784.22	700.40	557.84
247.5	1048.38	1007.35	995.55	1020.34	1009.13	949.21	856.24	750.57	661.44
250.0	1023.00	977.25	935.63	950.69	958.36	909.66	811.96	698.04	587.35
252.5	1009.72	956.00	927.96	891.36	857.71	822.88	720.17	615.98	525.96
255.0	1074.65	1018.87	962.49	933.86	869.22	793.07	691.54	628.38	562.56
257.5	1117.15	1039.23	986.69	932.39	862.44	758.54	607.72	564.04	513.86
260.0	1184.74	1094.72	1037.76	944.19	845.32	715.74	602.70	544.85	493.79
262.5	1270.63	1197.14	1170.87	1097.97	985.81	831.44	652.29	579.68	516.52
265.0	1271.22	1210.13	1194.19	1128.96	1026.83	865.39	718.99	617.46	531.57
267.5	1306.34	1242.00	1211.31	1163.49	1075.83	952.16	762.08	677.08	570.82
270.0	1277.71	1217.50	1207.17	1131.91	1051.04	877.19	728.14	633.99	536.29
272.5	1196.55	1154.64	1120.40	1044.54	936.22	761.79	667.34	561.08	469.29
275.0	1213.37	1147.85	1131.61	1063.73	961.61	822.88	670.00	566.69	490.54
277.5	1205.11	1133.98	1091.18	1005.88	885.75	745.85	611.85	543.97	489.36
280.0	1150.21	1056.35	979.91	917.92	841.18	746.15	617.75	550.75	493.20
282.5	1006.47	942.72	912.32	861.55	776.55	683.87	582.63	538.95	481.10
285.0	991.71	935.63	896.97	861.55	800.16	750.57	674.42	610.08	520.06
287.5	1001.45	947.44	901.69	880.44	863.32	860.37	785.40	673.83	586.17

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 19 Total:37

C/γ(°)	45.0	47.5	50.0	52.5	55.0	57.5	60.0	62.5	65.0
290.0	964.26	925.89	911.14	942.72	926.48	849.74	746.44	651.11	543.97
292.5	975.18	979.32	992.30	970.46	900.81	832.03	737.00	633.69	531.86
295.0	1046.02	1061.37	1025.66	981.68	909.66	828.49	746.74	651.40	500.28
297.5	1112.72	1117.74	1063.43	992.30	926.48	845.02	772.12	645.20	466.64
300.0	1160.83	1099.74	1020.93	956.29	874.24	779.79	650.81	462.80	301.94
302.5	1177.95	1113.31	1038.64	971.94	886.05	778.91	607.42	413.80	239.66
305.0	1210.13	1146.96	1073.77	994.07	918.51	779.50	583.22	421.48	242.32
307.5	1168.21	1103.28	1019.75	922.06	773.30	596.50	413.51	248.52	171.19
310.0	1185.92	1097.97	1030.38	905.82	727.55	568.17	369.24	206.31	180.34
312.5	1190.35	1091.47	997.02	862.73	696.26	502.64	345.33	204.54	187.72
315.0	1197.73	1088.52	994.07	827.61	642.84	468.70	305.48	202.47	196.87
317.5	1204.22	1081.73	942.13	793.07	605.36	423.54	287.77	208.97	196.87
320.0	1084.98	965.74	775.37	605.06	430.04	273.90	214.87	203.06	179.45
322.5	1088.52	939.77	762.67	576.14	440.96	288.66	219.89	211.92	184.18
325.0	938.29	773.00	585.58	425.90	305.48	224.61	220.77	191.55	166.76
327.5	958.06	773.30	597.68	454.83	311.09	231.99	226.09	197.16	171.19
330.0	965.15	795.73	597.68	471.95	330.87	237.89	229.92	205.13	180.63
332.5	788.35	618.64	464.87	352.12	250.58	231.69	215.46	190.08	169.12
335.0	783.33	611.85	461.91	329.09	252.65	233.17	213.10	194.51	170.60
337.5	824.07	613.03	487.30	356.25	270.36	232.88	221.95	200.70	178.57
340.0	710.73	513.57	413.80	294.56	233.76	229.92	209.85	191.55	168.83
342.5	726.08	556.66	432.99	323.49	247.34	234.06	217.82	197.16	176.21
345.0	634.87	472.83	378.09	277.44	237.01	228.15	207.79	188.60	166.76
347.5	658.48	508.55	385.76	282.76	240.25	230.22	216.05	191.85	170.89
350.0	717.22	520.94	393.44	303.42	243.80	236.12	215.46	191.85	175.91
352.5	578.79	451.88	328.50	256.78	241.43	224.91	199.82	179.45	159.97
355.0	697.74	511.20	383.40	295.74	244.98	232.29	211.92	187.72	171.48
357.5	572.30	447.45	324.08	253.24	239.96	216.64	193.03	173.84	153.48
360.0	598.27	454.24	350.05	260.91	241.73	222.84	196.87	177.09	155.25

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 20 Total:37

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
0.0	137.84	124.26	104.78	90.91	81.17	66.11	63.16	36.60	21.25
2.5	146.40	134.29	121.60	103.01	92.38	78.51	69.07	55.19	38.07
5.0	140.20	128.69	108.91	97.99	86.48	69.95	64.34	42.21	26.56
7.5	144.92	131.93	116.88	99.76	88.84	71.72	66.70	44.27	30.11
10.0	152.30	137.25	123.96	104.19	93.56	78.81	67.00	55.19	37.19
12.5	143.15	130.46	110.68	98.29	86.18	67.89	63.75	39.26	28.04
15.0	150.82	136.95	120.72	104.48	92.38	74.08	64.64	47.22	35.71
17.5	142.85	128.39	109.21	97.70	83.82	64.64	60.80	38.37	28.33
20.0	142.26	129.87	112.16	99.47	86.77	68.18	61.98	38.66	28.92
22.5	146.99	133.41	118.36	99.76	89.73	68.18	60.80	40.44	29.81
25.0	155.84	140.20	123.96	109.21	92.68	78.51	60.21	55.49	34.24
27.5	146.10	132.82	116.59	100.06	87.66	69.66	58.15	40.73	26.86
30.0	156.73	136.36	122.49	110.09	93.86	78.81	58.44	52.54	33.06
32.5	145.81	126.92	113.04	99.17	84.71	64.34	54.01	35.12	24.50
35.0	159.38	131.34	117.18	105.07	88.84	74.67	55.78	45.16	27.15
37.5	169.12	137.25	119.54	106.25	92.38	75.56	56.37	48.40	29.22
40.0	144.33	121.90	107.44	93.27	78.81	59.33	49.59	31.88	20.37
42.5	152.89	123.96	110.39	94.74	82.94	64.93	48.70	38.96	21.25
45.0	164.10	139.61	113.34	98.29	87.66	72.02	54.60	43.39	26.27
47.5	172.07	147.87	119.24	100.94	87.66	74.67	55.49	42.21	30.40
50.0	153.48	123.67	103.30	87.66	75.85	59.33	40.14	34.53	22.73
52.5	156.43	138.13	107.44	87.96	76.44	63.46	46.34	36.30	25.68
55.0	157.02	141.38	116.29	90.61	77.03	64.05	47.52	35.71	26.86
57.5	248.81	149.94	128.39	101.24	81.17	66.11	52.83	35.71	28.92
60.0	192.73	134.59	107.73	83.82	66.70	51.95	40.14	28.92	22.43
62.5	334.70	191.55	117.47	92.09	68.48	58.15	42.80	30.99	24.20
65.0	442.14	267.70	152.89	95.92	77.92	56.08	43.39	33.94	23.91
67.5	409.67	258.26	133.70	83.82	61.98	45.75	36.89	26.56	19.48
70.0	477.85	364.22	221.07	112.16	74.08	52.24	41.32	34.53	25.38
72.5	496.45	397.28	295.15	179.45	83.53	61.98	45.16	38.07	28.92
75.0	389.90	303.12	228.74	104.48	62.28	45.75	38.66	32.17	23.91
77.5	405.54	346.51	261.51	145.81	71.43	48.11	39.26	33.06	23.32
80.0	444.79	402.00	311.68	229.63	108.32	59.62	41.91	33.06	24.50
82.5	440.37	345.33	263.28	155.84	80.58	45.75	36.60	27.45	12.10
85.0	455.42	412.03	333.52	229.04	142.26	66.41	43.09	33.35	15.64
87.5	393.14	263.87	181.81	88.25	48.70	37.19	24.79	5.61	25.68
90.0	457.78	409.97	323.49	229.04	145.21	66.70	39.26	29.81	9.74
92.5	478.15	455.42	366.28	261.21	187.72	97.11	50.18	40.14	28.33
95.0	458.37	419.41	319.06	234.94	147.58	61.10	44.86	33.94	15.64
97.5	450.40	406.72	306.07	201.00	105.37	54.31	41.03	31.88	18.00
100.0	427.38	358.91	264.75	171.78	73.20	47.81	39.55	32.47	20.96
102.5	461.32	378.39	290.43	213.99	97.11	58.15	45.45	37.78	31.29
105.0	448.04	357.13	262.39	127.80	74.97	54.60	44.86	36.60	26.56
107.5	427.38	322.01	181.52	99.76	67.29	48.70	41.62	31.58	22.14
110.0	433.58	266.82	154.66	89.43	69.07	50.18	39.55	30.70	21.84
112.5	534.52	347.39	205.72	115.40	85.30	63.75	46.04	33.94	23.91
115.0	412.33	242.91	154.36	109.80	82.94	62.28	47.22	34.53	23.91
117.5	279.80	169.71	141.08	96.22	75.26	58.74	43.09	29.22	23.02
120.0	303.12	187.72	163.51	115.99	87.37	70.25	54.90	39.85	29.81
122.5	217.82	186.54	139.31	110.68	88.25	71.43	56.67	39.55	29.81
125.0	197.75	158.79	122.78	100.94	82.35	68.77	54.31	37.78	28.63
127.5	211.33	176.80	138.43	110.39	94.45	78.51	64.05	46.93	36.60
130.0	209.85	160.56	129.28	107.44	92.09	76.15	59.62	42.50	30.99
132.5	181.81	147.28	123.37	105.96	90.02	76.74	56.96	43.98	31.29
135.0	173.84	140.49	118.65	103.30	88.25	73.20	54.90	44.86	29.22
137.5	161.45	132.82	117.47	101.83	86.77	71.13	53.13	44.27	23.91
140.0	174.44	150.23	123.96	111.86	95.63	79.69	61.69	51.36	33.06
142.5	161.74	136.95	121.01	105.66	90.61	74.38	56.67	49.00	26.56

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 21 Total:37

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
145.0	175.32	145.51	129.57	114.81	100.35	85.59	64.34	55.19	34.24
147.5	162.92	139.90	123.96	107.14	93.56	77.03	60.21	54.31	31.88
150.0	149.35	134.59	117.77	102.12	88.25	67.00	59.62	40.73	31.88
152.5	165.88	140.49	129.28	112.16	97.11	82.94	62.28	59.03	35.71
155.0	157.02	140.79	126.33	106.85	93.86	75.85	62.57	54.31	35.42
157.5	148.17	136.07	118.95	103.60	90.02	71.72	63.16	42.80	32.47
160.0	157.32	143.15	126.62	108.62	96.22	78.81	65.52	57.55	37.48
162.5	149.64	135.77	120.42	103.01	91.50	72.90	64.93	43.98	30.70
165.0	155.55	140.49	126.03	107.14	95.63	80.28	67.00	54.90	37.19
167.5	151.41	136.95	122.78	104.48	92.38	74.97	67.00	50.18	33.35
170.0	147.58	134.29	115.40	102.71	88.55	73.20	65.82	44.57	32.47
172.5	157.32	141.38	127.51	107.44	97.70	79.99	69.07	60.80	41.03
175.0	146.10	135.18	118.36	103.01	92.09	74.38	68.48	46.93	36.89
177.5	147.58	134.88	119.54	101.53	89.14	76.44	66.70	56.67	35.71
180.0	145.51	130.16	112.45	96.22	83.82	69.36	63.75	52.24	33.35
182.5	141.38	130.16	115.99	100.94	90.61	70.54	66.41	41.91	32.17
185.0	156.73	139.90	124.26	108.32	95.04	82.35	68.48	61.10	40.14
187.5	152.89	137.84	124.55	105.37	94.45	77.33	66.41	59.33	37.78
190.0	147.58	133.41	118.65	102.12	89.43	70.25	64.93	43.98	30.40
192.5	162.04	142.85	128.98	111.27	96.81	83.23	66.11	59.62	38.66
195.0	153.48	137.54	122.19	104.78	90.91	74.97	64.93	46.63	35.12
197.5	164.99	146.69	132.23	113.93	101.24	85.89	66.41	60.51	38.96
200.0	163.51	142.26	127.80	110.98	96.22	82.05	61.98	55.49	36.89
202.5	157.91	139.02	125.44	106.25	93.27	76.44	59.92	53.42	33.65
205.0	148.46	132.23	118.95	100.35	86.77	67.59	59.33	40.44	28.33
207.5	155.84	137.54	123.37	105.37	92.68	74.67	58.15	52.24	31.58
210.0	148.17	130.46	117.77	99.17	84.12	67.00	54.60	42.50	25.97
212.5	167.06	139.61	126.62	108.03	93.56	77.63	57.85	51.36	29.22
215.0	161.15	133.11	119.24	101.83	86.18	67.59	52.54	42.50	25.09
217.5	154.07	130.46	114.81	101.24	83.82	63.75	52.54	39.55	21.55
220.0	177.39	152.00	123.96	111.27	96.22	80.28	63.16	50.18	34.24
222.5	172.07	147.58	121.31	108.03	92.09	77.33	58.44	46.34	30.40
225.0	163.51	137.25	115.40	100.65	85.00	71.72	50.18	41.03	25.38
227.5	157.91	134.29	111.86	95.63	82.05	65.82	45.75	37.48	23.91
230.0	170.01	153.77	130.75	106.55	92.68	74.38	58.44	41.62	33.06
232.5	163.22	150.82	125.14	105.37	85.89	71.13	59.03	39.55	30.40
235.0	164.40	143.15	124.55	100.06	80.87	68.18	52.24	35.12	27.74
237.5	158.20	135.18	113.34	93.27	74.97	57.85	43.09	30.70	24.20
240.0	326.73	191.26	127.80	107.14	84.71	68.18	52.83	36.01	26.56
242.5	342.67	176.21	117.77	92.38	74.97	58.74	42.80	31.29	22.43
245.0	367.46	225.20	112.45	88.55	69.36	51.95	40.44	27.74	19.18
247.5	545.44	396.98	227.27	105.66	79.40	62.87	44.57	35.12	24.79
250.0	493.79	360.09	204.25	99.17	70.84	55.49	42.21	34.24	25.09
252.5	420.00	316.40	205.13	90.91	64.64	48.11	39.85	33.35	24.50
255.0	470.18	381.04	298.40	199.52	91.79	59.03	44.86	39.26	32.76
257.5	446.57	378.09	301.35	208.97	92.68	56.37	44.27	36.60	31.88
260.0	436.53	370.71	293.97	182.99	82.94	51.36	38.66	33.06	20.66
262.5	460.44	426.20	345.33	239.66	136.66	66.41	43.68	34.53	23.02
265.0	457.78	414.10	334.11	226.97	137.84	62.87	43.68	33.65	16.53
267.5	473.42	451.88	359.79	250.58	180.63	82.05	48.40	37.48	26.86
270.0	462.80	424.43	334.11	226.68	137.84	62.28	39.85	33.06	13.87
272.5	443.32	368.65	262.10	186.83	95.33	48.11	40.14	32.47	7.08
275.0	440.07	394.62	310.80	209.26	123.96	55.49	40.14	33.06	14.17
277.5	433.58	420.89	322.31	216.64	128.69	56.96	40.44	30.99	19.78
280.0	441.55	396.09	326.14	230.51	110.39	57.26	41.03	32.47	25.68
282.5	393.14	329.09	242.91	125.44	64.64	43.68	35.42	30.70	23.32
285.0	417.05	337.06	243.50	118.95	66.11	46.34	38.07	31.58	24.50
287.5	481.10	395.50	264.16	131.93	75.85	54.90	40.14	34.24	25.38

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 22 Total:37

C/γ(°)	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5
290.0	445.39	279.21	139.90	82.94	63.16	42.80	35.71	26.86	21.25
292.5	349.17	214.28	103.89	77.63	59.62	42.50	31.58	22.73	17.12
295.0	330.87	171.78	107.73	84.41	62.57	47.22	35.42	25.68	18.00
297.5	319.06	163.51	123.67	94.15	70.84	56.08	41.32	28.04	23.02
300.0	164.40	132.82	105.37	81.17	64.93	50.18	33.94	26.86	20.37
302.5	154.96	134.00	111.57	85.89	69.07	56.08	40.14	28.92	23.61
305.0	163.22	144.62	115.40	95.04	76.15	61.98	49.88	34.24	25.68
307.5	152.00	125.44	104.19	83.53	69.07	57.55	40.14	30.40	21.55
310.0	154.36	124.26	102.71	86.48	73.20	56.96	38.66	33.06	21.25
312.5	160.27	129.87	108.62	91.79	77.33	64.64	44.57	35.71	22.73
315.0	163.51	134.59	111.27	95.04	81.76	66.70	50.18	40.73	22.43
317.5	170.01	138.43	115.70	98.29	84.12	70.54	53.42	44.57	24.50
320.0	149.05	120.72	106.55	91.50	75.56	61.10	48.40	33.94	20.37
322.5	154.07	129.28	112.75	99.76	82.64	66.11	51.36	41.62	22.73
325.0	139.02	119.83	104.48	88.55	75.85	57.55	49.29	30.70	21.25
327.5	147.58	124.55	113.93	95.63	81.76	66.70	52.54	42.50	26.56
330.0	160.27	133.11	119.83	104.19	88.55	74.38	56.37	51.06	32.17
332.5	140.49	125.73	110.98	93.86	82.35	61.98	56.67	36.89	25.09
335.0	147.58	130.46	114.22	97.40	84.71	65.52	57.85	37.78	28.63
337.5	152.89	136.36	121.90	103.89	90.91	76.15	59.03	51.95	35.12
340.0	144.03	132.23	115.11	97.99	88.84	67.00	59.92	41.32	29.81
342.5	155.25	137.54	121.31	103.89	91.79	79.69	61.98	51.95	36.89
345.0	144.03	132.52	114.52	99.17	89.14	68.77	64.05	42.80	29.81
347.5	146.69	134.88	117.47	100.65	90.91	71.72	64.34	46.63	32.47
350.0	150.82	138.13	121.31	102.12	91.20	76.15	64.93	57.85	37.48
352.5	141.08	127.80	108.62	95.63	85.30	67.59	63.46	41.91	26.27
355.0	147.87	136.66	121.90	102.71	92.68	77.33	68.18	57.85	38.37
357.5	137.84	123.67	103.01	93.27	80.87	67.89	63.16	37.48	21.84
360.0	137.84	124.26	104.78	90.91	81.17	66.11	63.16	36.60	21.25

Equipment:  
Temperature(°C): 25.2Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
0.0	35.42	38.07	37.48	30.99	24.79	21.84	30.11	30.40	15.05
2.5	22.73	39.85	39.26	36.30	32.17	23.32	29.52	30.70	16.53
5.0	40.73	38.96	36.30	32.17	24.20	23.32	30.70	29.52	15.35
7.5	33.65	37.78	35.71	30.70	25.09	23.32	29.52	30.11	15.05
10.0	25.68	36.60	34.53	30.99	29.22	24.20	28.63	28.92	17.12
12.5	37.48	34.83	30.99	28.63	24.79	25.68	28.04	23.32	14.46
15.0	27.74	33.94	30.11	27.45	26.56	25.09	27.15	27.74	14.17
17.5	33.65	31.88	26.86	27.15	25.68	26.27	26.56	15.35	13.58
20.0	33.65	29.81	25.68	25.97	25.38	25.68	25.97	18.00	12.99
22.5	27.74	29.22	24.20	25.09	24.50	24.79	25.09	17.71	12.69
25.0	22.73	27.45	23.91	23.61	23.61	23.61	23.91	24.20	12.40
27.5	25.38	25.38	21.84	22.73	22.43	22.73	23.32	13.28	12.10
30.0	21.84	25.68	21.84	21.55	20.66	21.55	22.14	14.76	11.81
32.5	26.56	22.73	19.78	18.30	18.59	20.96	21.25	11.51	11.51
35.0	20.07	23.02	18.30	17.41	15.64	17.71	18.89	11.22	11.22
37.5	19.78	23.32	19.48	15.35	13.58	14.17	15.05	10.63	10.63
40.0	23.61	18.89	15.05	12.99	10.33	10.63	9.15	10.04	9.74
42.5	22.43	18.30	16.82	13.58	9.15	8.26	7.38	8.56	8.26
45.0	19.48	18.59	16.53	15.05	11.22	7.67	6.20	7.08	6.79
47.5	21.25	18.00	16.53	15.64	12.99	8.26	6.49	6.79	5.31
50.0	16.23	14.17	14.17	13.58	10.33	7.38	7.08	5.02	4.72
52.5	17.41	12.40	13.87	13.58	11.51	9.15	7.67	5.61	4.43
55.0	19.18	12.10	12.40	12.69	12.10	10.33	8.56	5.90	5.02
57.5	23.32	11.81	10.63	10.63	11.22	10.04	9.44	7.08	6.20
60.0	13.58	9.44	9.44	9.74	9.44	8.85	7.67	6.20	3.54
62.5	16.53	10.92	8.56	8.26	7.38	7.38	7.67	5.61	4.13
65.0	17.41	12.40	8.26	6.20	6.20	5.31	5.90	4.72	4.13
67.5	15.35	9.44	6.79	4.72	4.72	4.13	3.25	3.84	3.84
70.0	19.18	11.81	8.26	5.31	4.72	2.95	2.66	3.25	3.84
72.5	22.43	18.00	13.87	8.26	6.79	2.36	2.36	2.36	3.25
75.0	19.78	17.41	8.26	7.08	2.36	2.36	2.36	2.66	3.54
77.5	21.25	19.18	11.22	6.79	6.20	2.66	2.36	2.66	3.25
80.0	15.94	21.55	16.53	9.74	9.15	2.66	2.66	2.95	3.25
82.5	23.02	22.14	18.59	10.33	4.13	3.25	2.95	3.25	3.54
85.0	17.41	24.79	22.73	10.92	10.63	3.25	3.25	3.25	3.54
87.5	26.56	23.61	11.22	7.08	3.25	3.25	3.54	3.54	4.13
90.0	14.76	27.74	26.27	11.51	11.22	3.54	3.25	3.25	3.25
92.5	7.97	24.79	25.97	22.14	11.51	7.97	3.54	3.25	3.54
95.0	15.64	23.61	22.73	10.92	10.63	3.25	3.25	3.25	3.84
97.5	17.71	21.25	18.59	10.63	9.74	3.25	2.95	3.25	3.54
100.0	20.37	19.18	12.99	8.56	7.67	2.66	2.66	2.95	3.54
102.5	21.84	19.18	17.12	8.85	5.61	2.36	2.66	2.66	2.95
105.0	20.96	17.41	13.87	7.97	4.43	2.66	2.36	2.95	3.25
107.5	17.41	12.69	8.26	6.49	4.13	2.36	2.66	3.25	4.13
110.0	14.46	9.15	7.08	4.72	3.84	3.25	3.54	4.13	4.72
112.5	17.12	13.28	8.56	6.20	5.02	4.43	4.72	4.43	4.72
115.0	17.41	11.22	8.26	6.49	5.90	5.31	5.61	5.02	4.43
117.5	15.94	10.04	7.97	7.97	7.38	6.79	5.90	5.02	3.54
120.0	23.32	13.87	10.33	9.74	10.04	9.44	7.97	5.90	5.02
122.5	24.79	12.99	11.81	11.51	11.81	10.63	7.97	5.61	5.31
125.0	20.37	13.28	13.87	13.28	12.10	10.33	7.08	5.02	5.02
127.5	26.56	17.12	14.46	15.05	13.87	10.92	8.56	5.61	4.43
130.0	23.61	18.00	16.53	16.23	12.99	9.74	7.08	5.61	5.02
132.5	21.25	19.18	18.00	16.82	12.10	7.67	6.49	6.20	5.90
135.0	21.25	19.18	18.30	15.64	11.22	7.08	6.49	7.67	7.08
137.5	24.79	20.07	17.41	15.05	10.63	8.85	7.97	9.44	8.85
140.0	22.14	25.09	20.07	16.53	13.28	10.92	10.92	10.04	10.63
142.5	21.84	23.91	19.78	15.94	15.05	14.76	13.28	11.22	11.81

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
145.0	23.91	27.74	22.14	18.59	16.82	17.41	18.30	12.10	11.81
147.5	23.32	26.56	21.25	20.96	18.89	20.07	20.96	12.10	12.40
150.0	25.97	26.27	21.84	22.14	21.25	22.14	22.14	12.69	12.69
152.5	25.09	29.52	24.79	23.02	23.02	22.73	23.32	21.84	12.69
155.0	24.50	30.70	26.27	24.50	24.20	23.91	24.20	23.61	13.28
157.5	29.52	30.99	25.68	25.97	25.09	25.09	25.38	15.05	14.17
160.0	26.86	33.65	30.40	26.86	26.86	25.68	25.97	26.27	14.46
162.5	28.63	34.53	29.52	28.04	25.97	25.09	26.56	25.97	15.05
165.0	26.56	35.71	33.65	28.92	28.63	24.79	27.45	27.74	15.64
167.5	25.38	36.89	34.53	29.81	27.15	24.20	28.33	27.74	15.35
170.0	28.63	37.48	34.53	30.40	26.56	23.91	28.63	27.74	15.64
172.5	26.27	38.96	37.78	33.94	31.29	24.50	27.74	29.22	18.59
175.0	25.09	39.55	37.78	32.47	31.29	23.32	28.92	29.22	15.94
177.5	20.96	38.07	37.78	35.12	31.29	23.61	26.27	28.92	19.18
180.0	19.78	37.78	36.89	32.47	30.99	22.73	28.04	28.92	15.94
182.5	27.15	38.96	37.48	32.47	26.56	22.73	28.63	28.33	15.35
185.0	26.86	36.89	37.48	33.65	30.99	23.61	27.45	28.04	16.82
187.5	26.27	37.19	35.42	31.88	29.52	23.02	27.15	27.74	15.64
190.0	27.74	36.01	32.76	29.22	24.50	22.73	27.15	25.38	14.76
192.5	27.15	35.42	33.94	30.40	28.63	23.91	25.68	26.56	14.76
195.0	26.56	33.94	30.40	27.45	26.56	23.91	26.27	25.97	14.17
197.5	29.22	30.70	30.99	27.15	26.86	25.09	25.09	25.97	14.46
200.0	26.86	31.29	28.92	25.97	26.27	24.79	24.79	24.79	13.58
202.5	24.79	30.40	25.97	24.79	24.50	24.20	24.79	21.84	13.28
205.0	28.04	28.33	23.61	24.50	23.61	23.32	23.61	12.99	12.99
207.5	22.73	27.45	23.91	22.73	21.55	22.14	22.73	13.58	12.69
210.0	26.56	25.09	21.25	19.18	19.18	21.55	21.55	12.40	12.69
212.5	22.73	26.27	22.73	19.48	16.53	18.59	19.18	12.10	12.10
215.0	22.14	24.50	18.30	15.64	15.05	15.35	15.05	11.81	11.51
217.5	26.27	22.73	16.53	13.87	12.10	11.51	10.33	10.92	10.92
220.0	21.55	24.79	20.96	17.71	12.99	9.15	9.74	9.15	9.74
222.5	20.07	22.14	19.18	18.30	12.10	7.67	7.38	8.26	7.97
225.0	20.66	18.59	19.18	14.17	9.74	6.79	7.38	6.79	6.49
227.5	20.37	16.82	17.41	13.87	9.44	7.08	6.49	5.02	5.02
230.0	23.91	16.53	15.05	14.76	13.28	10.04	8.26	5.31	4.43
232.5	23.61	13.58	13.87	14.17	13.87	10.33	8.56	5.31	4.43
235.0	22.14	12.69	12.40	12.69	12.10	10.63	7.97	5.02	5.02
237.5	15.35	10.63	10.63	10.63	10.33	8.85	5.90	5.31	2.66
240.0	19.78	11.81	9.15	8.56	8.56	8.56	7.38	5.61	3.84
242.5	15.64	10.92	7.97	7.08	6.79	6.20	6.20	4.13	3.54
245.0	14.76	10.33	6.49	6.49	5.02	5.02	4.13	3.84	3.84
247.5	18.59	14.46	8.26	6.79	4.72	3.84	3.25	3.25	3.84
250.0	18.59	13.28	8.26	5.31	5.90	2.66	2.36	3.25	3.84
252.5	20.07	17.12	9.44	9.44	2.66	2.36	2.66	3.25	4.13
255.0	23.91	21.55	17.41	9.15	6.20	2.36	2.36	2.95	2.95
257.5	20.66	22.73	17.41	10.04	7.67	2.36	2.36	2.95	2.95
260.0	18.89	22.43	16.82	10.33	8.85	2.95	2.66	2.95	3.54
262.5	12.99	24.50	23.32	11.81	10.92	3.25	2.95	3.25	3.25
265.0	14.46	25.68	23.61	11.22	10.63	3.25	2.95	2.95	3.25
267.5	5.61	25.97	26.56	22.14	10.63	3.25	2.95	2.95	3.25
270.0	12.10	26.86	25.09	10.63	10.33	3.25	2.95	2.95	3.54
272.5	23.61	25.97	23.61	10.63	4.13	3.25	2.95	2.95	3.54
275.0	16.53	23.91	21.84	9.74	9.44	3.25	3.25	3.25	3.54
277.5	12.69	20.66	18.89	9.44	8.56	2.95	3.25	3.25	3.54
280.0	16.23	20.07	17.12	10.04	7.67	2.95	2.66	2.95	3.25
282.5	19.48	18.59	9.44	5.90	3.25	2.66	2.36	2.95	3.54
285.0	19.18	17.12	8.56	6.20	3.84	2.07	2.36	2.95	3.54
287.5	19.78	15.64	12.99	6.49	6.20	2.66	2.66	2.95	3.84

## Intensity data(cd)

Appendix Page: 25 Total:37

C/γ(°)	90.0	92.5	95.0	97.5	100.0	102.5	105.0	107.5	110.0
290.0	14.76	8.85	6.20	5.02	3.54	2.95	2.95	3.54	4.43
292.5	12.10	7.38	5.90	4.72	3.54	4.43	3.54	3.84	3.84
295.0	12.10	9.44	5.90	5.90	5.02	5.31	4.72	4.13	3.84
297.5	15.64	9.74	7.97	7.67	7.08	6.49	6.20	5.02	3.25
300.0	11.51	8.85	9.44	9.44	8.56	7.67	5.90	4.43	2.36
302.5	13.87	9.74	10.92	11.22	10.92	8.85	6.20	5.02	3.25
305.0	19.18	11.22	12.10	12.40	12.40	10.33	7.38	4.72	4.72
307.5	13.28	12.40	12.99	12.40	10.33	7.97	5.31	3.84	4.13
310.0	17.12	13.58	13.58	12.99	9.74	7.67	6.20	4.43	4.13
312.5	18.30	15.35	16.82	13.58	9.15	6.49	6.79	5.02	5.02
315.0	16.82	17.41	17.12	15.35	9.74	6.79	6.20	6.79	6.20
317.5	17.71	20.07	15.94	15.05	11.22	7.97	7.38	8.56	7.97
320.0	23.02	19.18	14.76	12.10	10.92	10.63	8.56	10.04	9.74
322.5	18.89	22.73	16.23	15.05	13.87	13.87	13.28	10.63	10.63
325.0	24.20	21.25	17.12	15.35	16.82	18.00	11.81	11.22	11.22
327.5	25.09	24.20	19.18	18.89	17.71	20.66	21.55	11.51	11.81
330.0	21.55	26.56	21.55	21.84	20.07	21.55	22.73	13.58	12.10
332.5	28.92	26.56	22.43	22.73	22.43	23.61	23.91	12.40	12.40
335.0	30.99	28.92	23.61	24.20	23.91	23.91	24.50	13.58	12.69
337.5	25.38	30.70	26.86	25.09	24.79	24.50	25.09	25.09	12.99
340.0	28.33	31.29	26.27	25.97	25.09	24.50	25.68	20.66	13.28
342.5	26.56	33.35	31.29	26.56	26.56	23.91	26.56	26.56	14.17
345.0	35.12	34.53	30.11	28.04	24.50	23.91	27.45	25.68	14.46
347.5	25.38	35.42	32.76	28.63	26.27	22.73	28.04	28.04	14.76
350.0	24.50	36.60	35.12	30.99	28.33	22.73	28.04	28.92	16.23
352.5	38.66	37.78	35.12	30.40	23.02	23.02	29.22	28.92	15.05
355.0	23.91	38.96	38.37	33.94	31.29	23.02	29.22	29.81	18.00
357.5	39.85	38.66	37.78	31.29	24.20	22.43	29.81	29.81	15.35
360.0	35.42	38.07	37.48	30.99	24.79	21.84	30.11	30.40	15.05

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 26 Total:37

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
0.0	15.05	14.46	9.15	8.26	7.97	5.90	1.18	1.48	1.48
2.5	15.35	15.05	10.04	8.26	7.97	7.97	1.48	1.18	1.48
5.0	15.05	11.22	8.56	7.97	7.67	3.25	1.18	1.18	1.48
7.5	14.76	12.99	8.85	8.26	7.97	3.84	1.48	1.48	1.48
10.0	14.46	14.46	9.44	8.56	7.97	8.56	1.48	1.18	1.48
12.5	14.17	10.63	9.15	8.85	8.85	1.77	1.18	1.48	1.48
15.0	13.87	12.69	9.74	9.15	8.85	3.25	1.18	1.18	1.48
17.5	13.28	10.33	9.44	9.44	7.38	1.18	1.18	1.48	1.48
20.0	12.99	10.92	10.33	9.74	8.85	1.48	1.18	1.48	1.48
22.5	12.99	11.22	10.63	10.33	8.26	1.48	1.18	1.48	1.48
25.0	12.40	11.51	10.92	10.63	10.33	1.77	1.18	1.18	1.48
27.5	11.81	11.22	11.22	10.92	2.66	1.48	1.18	1.18	1.48
30.0	11.81	11.51	11.22	11.22	2.95	1.18	1.18	1.48	1.48
32.5	11.22	11.22	10.92	8.26	1.18	1.48	1.48	1.48	1.48
35.0	10.63	10.63	10.63	9.44	1.18	1.18	1.18	1.48	1.48
37.5	10.63	10.33	10.33	8.26	1.18	1.48	1.18	1.18	1.48
40.0	9.74	9.74	2.95	1.18	1.48	1.18	1.18	1.18	1.48
42.5	8.56	8.85	1.77	1.18	1.48	1.48	1.48	1.48	1.48
45.0	7.08	7.38	1.48	1.18	1.18	1.18	1.48	1.48	1.48
47.5	5.61	6.20	1.48	1.18	1.48	1.48	1.48	1.48	1.48
50.0	5.02	1.18	1.18	1.18	1.18	1.48	1.48	1.48	1.48
52.5	2.95	1.48	1.18	1.18	1.18	1.18	1.18	1.48	1.48
55.0	2.07	1.18	1.18	1.18	1.18	1.18	1.48	1.18	1.48
57.5	2.95	1.77	1.48	1.48	1.18	1.48	1.18	1.48	1.48
60.0	2.36	1.77	1.18	1.18	1.18	1.48	1.48	1.48	1.77
62.5	2.95	2.07	1.48	1.48	1.48	1.48	1.48	1.48	1.77
65.0	3.25	2.95	1.77	1.48	1.48	1.48	1.48	1.48	1.77
67.5	3.84	2.95	1.77	1.48	1.48	1.77	1.48	1.48	1.77
70.0	3.84	3.25	2.36	1.48	1.48	1.48	1.48	1.48	1.48
72.5	4.13	3.84	3.25	2.07	1.48	1.77	1.48	1.48	1.77
75.0	4.13	3.54	2.95	1.48	1.48	1.48	1.48	1.77	1.48
77.5	4.13	4.13	3.25	2.36	1.48	1.48	1.48	1.48	1.48
80.0	3.84	4.13	4.13	3.25	1.48	1.77	1.48	1.77	1.77
82.5	4.43	4.72	4.13	1.48	1.48	1.48	1.48	1.48	1.77
85.0	4.13	4.43	4.72	3.84	1.48	1.77	1.48	1.18	1.77
87.5	4.72	4.13	2.95	1.48	1.48	1.48	1.18	1.77	1.77
90.0	3.84	4.43	4.72	3.84	1.48	1.48	1.48	1.77	1.48
92.5	3.84	4.13	4.43	4.43	3.54	1.77	1.77	1.48	1.48
95.0	4.13	4.72	4.43	4.13	1.48	1.48	1.48	1.48	2.07
97.5	4.13	4.13	4.13	3.25	1.77	1.77	1.48	1.48	1.77
100.0	3.84	3.84	3.54	2.95	1.48	1.48	1.48	1.48	1.77
102.5	3.84	3.84	3.25	2.66	1.48	1.77	1.48	1.48	1.77
105.0	3.84	3.54	2.95	2.36	1.48	1.48	1.48	1.48	1.77
107.5	4.13	3.25	2.36	1.48	1.18	1.48	1.48	1.48	1.77
110.0	4.13	3.25	2.07	1.48	1.48	1.77	1.77	1.48	1.77
112.5	4.72	3.84	2.66	1.77	1.18	1.48	1.48	1.77	1.48
115.0	3.84	3.25	2.36	1.48	1.48	1.48	1.48	1.77	1.48
117.5	2.66	2.36	1.48	1.18	1.48	1.48	1.48	1.48	1.77
120.0	2.66	1.77	1.48	1.18	1.48	1.48	1.18	1.48	1.77
122.5	2.07	1.48	1.48	1.18	1.48	1.48	1.48	1.48	1.48
125.0	1.48	1.48	1.18	1.18	1.18	1.48	1.18	1.48	1.48
127.5	4.43	1.48	1.18	1.18	1.18	1.48	1.77	1.18	1.77
130.0	5.02	1.77	1.18	1.48	1.18	1.48	1.48	1.77	1.48
132.5	5.90	2.95	0.89	1.48	1.18	1.48	1.48	1.48	1.48
135.0	7.67	6.79	1.18	1.18	1.18	1.48	1.18	1.48	1.48
137.5	9.15	9.15	1.48	1.18	1.48	1.48	1.48	1.77	1.48
140.0	10.63	10.63	10.04	1.48	1.18	1.18	1.18	1.48	1.48
142.5	11.22	11.22	10.63	1.48	1.48	1.48	1.18	1.48	1.48

Equipment:  
Temperature(°C): 25.2Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 27 Total:37

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
145.0	11.81	11.51	11.51	10.63	1.48	1.18	1.18	1.48	1.48
147.5	12.40	12.10	11.81	7.97	1.48	1.18	1.18	1.48	1.48
150.0	12.69	12.40	11.81	6.20	1.18	1.18	1.48	1.48	1.48
152.5	13.28	12.69	12.10	11.81	2.36	1.18	1.48	1.18	1.18
155.0	13.58	12.69	12.10	11.81	3.54	1.18	1.48	1.48	1.48
157.5	14.17	12.10	11.81	11.51	1.77	1.18	1.18	1.18	1.48
160.0	14.76	12.99	11.81	11.22	10.04	1.48	1.48	1.48	1.48
162.5	15.05	11.51	10.92	10.63	6.49	1.48	1.48	1.48	1.48
165.0	15.35	14.76	10.92	10.63	10.04	1.48	1.48	1.48	1.48
167.5	15.64	13.58	10.63	9.74	9.44	1.48	1.48	1.18	1.48
170.0	15.64	11.81	10.04	9.74	8.85	1.48	1.48	1.48	1.48
172.5	15.94	15.94	10.63	9.44	9.44	4.13	1.18	1.18	1.48
175.0	15.94	15.35	10.04	9.15	9.15	1.77	1.18	1.48	1.18
177.5	15.64	15.64	10.63	9.44	8.85	5.02	1.18	1.48	1.48
180.0	15.35	15.64	10.04	8.85	8.85	2.36	1.18	1.48	1.48
182.5	15.64	12.40	9.44	9.15	8.56	1.48	1.48	1.18	1.48
185.0	15.64	15.35	10.04	8.85	8.85	6.20	1.18	1.48	1.18
187.5	15.05	14.46	9.44	8.85	8.56	2.07	1.48	1.48	1.48
190.0	14.76	10.63	9.15	8.56	7.38	1.48	1.18	1.18	1.48
192.5	14.46	14.46	9.74	9.44	8.85	2.95	1.48	1.48	1.48
195.0	14.46	10.92	10.04	9.44	7.38	1.18	1.48	1.18	1.48
197.5	13.87	14.17	10.92	10.04	9.74	1.48	1.18	1.48	1.48
200.0	13.87	12.69	10.63	10.33	9.15	1.48	1.18	1.18	1.48
202.5	13.28	11.81	10.92	10.63	4.72	1.48	1.18	1.48	1.48
205.0	12.99	11.51	10.92	10.04	1.18	1.18	1.48	1.48	1.48
207.5	12.99	12.10	11.51	10.92	1.48	1.48	1.48	1.48	1.48
210.0	12.40	11.81	11.51	2.66	1.48	1.18	1.18	1.48	1.48
212.5	12.10	11.81	11.51	8.56	1.18	1.48	1.18	1.18	1.18
215.0	11.22	11.51	10.92	1.48	0.89	1.48	1.18	1.48	1.48
217.5	10.92	10.92	2.66	1.18	1.48	1.48	1.18	1.48	1.48
220.0	9.74	9.74	9.74	1.48	1.18	1.18	1.48	1.48	1.48
222.5	7.97	8.26	2.66	1.48	1.48	1.48	1.48	1.48	1.48
225.0	6.20	5.02	1.18	1.18	1.48	1.18	1.48	1.48	1.48
227.5	5.31	1.48	1.18	1.18	1.48	1.48	1.18	1.48	1.48
230.0	4.72	2.07	1.18	1.48	1.48	1.48	1.18	1.18	1.77
232.5	3.84	1.48	1.18	1.48	1.48	1.18	1.48	1.48	1.48
235.0	2.07	1.77	1.48	1.18	1.48	1.48	1.48	1.48	1.48
237.5	1.77	1.77	1.18	1.48	1.48	1.77	1.48	1.48	1.48
240.0	2.66	2.36	1.77	1.18	1.48	1.48	1.48	1.48	1.77
242.5	3.25	2.66	1.77	1.48	1.48	1.48	1.48	1.48	1.77
245.0	3.84	2.66	2.07	1.48	1.48	1.48	1.48	1.77	1.77
247.5	3.84	3.54	2.66	1.77	1.77	1.48	1.48	1.77	1.48
250.0	4.13	3.54	2.66	1.77	1.48	1.48	1.77	1.48	1.77
252.5	3.84	3.25	2.66	1.48	1.48	1.77	1.48	1.77	1.77
255.0	3.54	4.13	3.54	2.66	1.48	1.48	1.48	1.48	1.77
257.5	3.84	4.13	3.54	2.95	1.77	1.48	1.48	1.48	1.77
260.0	3.84	4.13	3.84	2.95	1.48	1.77	1.77	1.77	1.77
262.5	3.84	4.43	4.43	3.84	2.36	1.48	1.48	1.77	1.77
265.0	3.84	4.43	4.43	3.84	1.77	1.48	1.77	1.77	1.77
267.5	3.54	4.13	4.43	4.13	2.07	1.48	1.77	1.48	1.77
270.0	4.13	4.13	4.13	3.54	1.77	1.48	1.77	1.48	1.77
272.5	4.43	4.43	3.84	3.25	1.48	1.77	1.77	1.77	1.77
275.0	4.13	4.72	4.43	3.84	1.48	1.77	1.48	1.77	1.77
277.5	4.13	4.43	4.43	3.54	1.77	1.48	1.77	1.77	1.48
280.0	3.84	4.13	4.13	3.54	1.77	1.48	1.77	1.48	1.48
282.5	4.13	3.84	3.25	2.07	1.77	1.48	1.48	1.77	1.48
285.0	4.13	3.84	2.95	2.07	1.48	1.48	1.48	1.48	1.77
287.5	4.13	3.84	3.25	2.36	1.77	1.48	1.18	1.48	1.48

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 28 Total:37

C/γ(°)	112.5	115.0	117.5	120.0	122.5	125.0	127.5	130.0	132.5
290.0	3.84	2.95	2.07	1.48	1.48	1.48	1.77	1.48	1.48
292.5	3.54	2.66	1.77	1.48	1.48	1.48	1.48	1.48	1.48
295.0	3.54	2.36	1.77	1.48	1.18	1.18	1.48	1.48	1.48
297.5	2.95	2.07	1.48	1.18	1.18	1.48	1.48	1.48	1.48
300.0	1.77	1.77	1.48	1.48	1.48	1.48	1.18	1.48	1.48
302.5	1.77	1.48	1.48	1.48	1.77	1.18	1.48	1.48	1.77
305.0	2.07	1.48	1.48	1.18	1.48	1.77	1.48	1.48	1.48
307.5	1.77	1.18	1.18	1.48	1.18	1.48	1.48	1.48	1.48
310.0	3.84	1.18	1.48	1.48	1.48	1.48	1.48	1.77	1.48
312.5	5.31	2.07	1.48	1.48	1.48	1.18	1.77	1.48	1.48
315.0	6.49	6.79	1.48	1.18	1.18	1.18	1.48	1.48	1.48
317.5	7.97	8.26	5.90	1.18	1.48	1.18	1.18	1.18	1.77
320.0	10.04	9.44	3.25	1.18	1.18	1.18	1.48	1.48	1.48
322.5	10.63	10.33	10.04	1.77	1.48	1.48	1.18	1.48	1.48
325.0	10.92	10.63	10.04	1.48	1.48	1.48	1.48	1.48	1.48
327.5	11.51	10.92	10.63	5.02	1.48	1.48	1.48	1.48	1.48
330.0	12.40	11.22	10.92	10.63	2.36	1.48	1.48	1.48	1.48
332.5	12.10	10.92	10.63	10.04	1.77	1.48	1.48	1.18	1.48
335.0	12.69	10.92	10.63	10.04	3.25	1.18	1.77	1.48	1.48
337.5	12.99	12.10	10.04	10.04	9.44	1.77	1.48	1.18	1.48
340.0	13.58	10.92	9.74	9.74	7.97	1.48	1.48	1.48	1.48
342.5	13.58	13.58	9.74	9.44	9.15	3.25	1.48	1.48	1.48
345.0	14.17	10.92	9.44	8.85	8.56	2.07	1.48	1.48	1.48
347.5	14.46	13.87	8.85	8.56	8.26	3.25	1.48	1.48	1.48
350.0	14.76	14.46	9.15	8.26	7.67	6.20	1.48	1.18	1.18
352.5	14.76	12.10	8.56	7.97	7.38	2.36	1.18	1.48	1.48
355.0	15.05	15.05	9.74	8.56	7.67	7.67	1.77	1.18	1.48
357.5	15.05	13.28	8.85	7.97	7.67	2.95	1.48	1.48	1.48
360.0	15.05	14.46	9.15	8.26	7.97	5.90	1.18	1.48	1.48

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
0.0	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
2.5	1.48	1.77	1.77	1.48	1.77	1.77	1.77	1.77	1.77
5.0	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
7.5	1.48	1.48	1.48	1.77	1.77	1.77	2.07	1.77	2.07
10.0	1.18	1.48	1.48	1.48	1.77	1.77	1.77	1.77	2.07
12.5	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.07
15.0	1.18	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
17.5	1.48	1.77	1.48	1.77	1.77	1.77	2.07	2.07	2.07
20.0	1.48	1.48	1.48	1.48	1.77	1.48	1.77	2.07	2.07
22.5	1.48	1.48	1.48	1.77	1.77	1.77	2.07	2.07	1.77
25.0	1.48	1.48	1.77	1.77	1.48	1.77	1.77	2.07	2.07
27.5	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
30.0	1.48	1.48	1.77	1.77	1.48	1.48	1.77	1.77	2.07
32.5	1.48	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.36
35.0	1.48	1.48	1.48	1.77	1.77	1.48	2.07	2.07	2.07
37.5	1.18	1.77	1.48	1.77	1.77	1.77	2.07	2.07	2.07
40.0	1.48	1.77	1.77	1.77	2.07	2.07	1.77	2.07	2.36
42.5	1.48	1.77	1.48	1.77	1.77	2.07	2.07	2.07	2.36
45.0	1.48	1.48	1.77	1.77	1.77	2.07	1.77	2.07	2.07
47.5	1.18	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.36
50.0	1.48	1.77	1.48	1.77	1.77	2.07	2.07	2.07	2.36
52.5	1.48	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.07
55.0	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
57.5	1.48	1.77	1.48	2.07	1.77	1.77	2.07	2.07	2.07
60.0	1.77	1.77	1.77	1.77	2.07	2.07	2.36	2.07	2.07
62.5	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.36	2.07
65.0	1.77	1.48	1.77	2.07	1.77	2.07	2.07	2.07	2.36
67.5	1.48	1.48	1.77	2.07	2.07	2.07	2.07	2.07	2.07
70.0	1.48	1.77	1.77	2.07	1.77	2.07	2.07	2.07	1.77
72.5	1.77	1.77	1.77	1.77	2.07	2.07	1.77	2.07	2.07
75.0	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
77.5	1.48	1.77	1.77	1.77	1.77	1.77	2.36	2.07	2.07
80.0	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.36
82.5	1.77	2.07	1.77	1.77	1.77	2.07	2.07	2.07	2.07
85.0	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07
87.5	1.77	1.77	2.07	2.07	1.77	2.07	2.07	2.07	2.07
90.0	1.48	1.77	1.77	1.77	2.07	2.07	1.77	2.07	2.07
92.5	1.48	1.77	1.77	1.77	2.07	1.77	2.07	2.07	2.07
95.0	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
97.5	1.77	1.77	1.77	2.07	2.07	2.36	1.77	2.07	2.07
100.0	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.07	2.36
102.5	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
105.0	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.07	2.07
107.5	1.48	1.77	1.77	1.77	2.07	2.07	2.36	1.77	2.07
110.0	1.48	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.07
112.5	1.77	1.77	1.77	2.07	1.77	2.07	2.07	2.07	2.07
115.0	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.36
117.5	1.48	1.77	2.07	1.48	2.07	1.77	2.07	2.36	2.36
120.0	1.77	1.48	1.77	1.77	1.77	2.07	2.07	2.36	2.36
122.5	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.36	2.07
125.0	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.36
127.5	1.48	1.77	1.77	1.77	1.77	1.77	1.77	2.07	2.07
130.0	1.48	1.77	1.77	2.07	1.77	2.07	2.07	2.07	2.07
132.5	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07
135.0	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.36
137.5	1.77	1.48	1.77	1.77	2.07	2.07	2.07	2.07	2.36
140.0	1.48	1.77	1.77	1.77	1.77	1.77	2.07	1.77	2.07
142.5	1.48	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.07

## Intensity data(cd)

C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
145.0	1.48	1.48	1.48	1.48	1.77	2.07	2.07	2.07	2.07
147.5	1.18	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
150.0	1.48	1.77	1.77	1.77	1.77	1.77	1.77	2.36	2.07
152.5	1.48	1.77	1.77	1.77	1.48	1.77	2.07	2.07	1.77
155.0	1.48	1.77	1.48	1.77	1.77	1.77	2.07	2.07	2.07
157.5	1.48	1.77	1.77	1.77	1.77	1.77	1.77	2.07	2.07
160.0	1.48	1.48	1.77	1.77	1.77	1.77	2.07	1.77	2.07
162.5	1.48	1.48	1.77	1.77	1.77	2.07	2.07	1.77	2.07
165.0	1.48	1.77	1.77	1.48	1.77	2.07	1.77	2.07	1.77
167.5	1.48	1.77	1.77	1.77	1.77	1.48	1.77	1.77	2.07
170.0	1.48	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.36
172.5	1.48	1.77	1.77	1.48	1.77	1.77	1.77	1.77	1.77
175.0	1.48	1.77	1.77	1.77	1.48	1.77	2.07	2.07	1.77
177.5	1.48	1.48	1.77	1.77	1.77	1.77	1.77	1.77	2.07
180.0	1.48	1.77	1.48	1.48	1.48	1.77	2.07	1.77	2.07
182.5	1.77	1.48	1.48	1.48	1.48	1.77	1.77	2.07	2.07
185.0	1.48	1.77	1.77	1.48	1.48	1.77	1.77	1.77	2.07
187.5	1.48	1.48	1.77	1.48	1.77	1.77	1.77	1.77	2.07
190.0	1.77	1.48	1.48	1.77	1.77	1.77	1.77	2.07	1.77
192.5	1.48	1.77	1.77	1.48	1.77	1.77	1.48	2.07	1.77
195.0	1.48	1.48	1.77	1.48	1.48	2.07	1.77	2.07	2.07
197.5	1.48	1.48	1.48	1.48	1.48	1.77	1.77	2.07	1.77
200.0	1.77	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.07
202.5	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
205.0	1.48	1.48	1.77	1.77	1.48	1.77	2.07	2.36	2.07
207.5	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07
210.0	1.48	1.48	1.77	2.07	2.07	1.77	2.07	2.07	2.07
212.5	1.48	1.77	1.77	1.48	1.77	2.07	2.07	2.07	2.07
215.0	1.48	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07
217.5	1.48	1.77	1.48	1.48	2.07	1.77	2.36	2.07	2.36
220.0	1.77	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.36
222.5	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
225.0	1.77	1.77	1.48	1.77	2.07	2.07	2.07	2.07	2.36
227.5	1.48	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.07
230.0	1.48	1.48	1.77	1.77	2.07	2.07	2.07	2.07	2.07
232.5	1.77	1.77	1.48	1.77	1.48	2.07	1.77	2.07	2.36
235.0	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.07	2.36
237.5	1.48	2.07	1.77	1.77	2.07	2.07	2.36	2.07	2.07
240.0	1.48	1.77	1.77	2.07	1.77	1.77	2.07	2.07	2.07
242.5	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.07
245.0	1.77	1.77	2.07	1.77	1.77	2.36	2.07	2.07	2.07
247.5	1.48	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.07
250.0	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.07	2.07
252.5	1.48	1.48	1.77	2.07	1.77	2.07	2.07	2.36	2.07
255.0	1.77	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.07
257.5	1.48	2.07	1.77	1.77	2.07	1.77	2.07	2.07	2.07
260.0	1.48	1.77	1.77	1.77	2.07	1.77	2.07	2.07	2.07
262.5	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07
265.0	1.48	1.77	2.07	2.07	1.77	2.07	2.07	2.07	2.07
267.5	1.77	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.07
270.0	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.36	2.07
272.5	1.48	2.07	1.77	1.77	2.07	2.07	1.77	2.36	2.07
275.0	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.07
277.5	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07
280.0	1.77	1.77	1.77	1.77	2.07	1.77	2.07	2.07	2.07
282.5	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.07	2.07
285.0	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.36	2.07
287.5	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

Appendix Page: 31 Total:37

C/γ(°)	135.0	137.5	140.0	142.5	145.0	147.5	150.0	152.5	155.0
290.0	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.36	2.07
292.5	1.77	1.77	2.07	1.77	2.07	2.07	2.36	1.77	2.07
295.0	1.77	1.77	1.77	1.77	2.07	1.77	2.07	2.07	2.07
297.5	1.48	1.48	1.77	1.77	2.07	2.07	2.07	2.36	2.07
300.0	1.77	1.77	1.77	1.77	2.07	2.07	2.36	2.07	2.07
302.5	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07	2.36
305.0	1.77	1.77	1.48	1.77	2.07	1.77	2.07	2.36	2.36
307.5	1.77	1.48	2.07	1.77	2.07	2.07	2.07	2.36	2.07
310.0	1.77	1.77	1.77	1.77	1.77	2.07	2.07	2.07	2.07
312.5	1.48	1.77	1.77	1.48	2.07	1.77	2.07	1.77	2.07
315.0	1.48	1.48	1.77	1.77	1.77	2.07	2.07	2.07	2.36
317.5	1.48	1.48	1.48	1.77	1.77	1.77	2.07	2.07	2.07
320.0	1.48	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.07
322.5	1.77	1.48	1.77	1.77	1.77	1.77	2.07	2.07	2.07
325.0	1.48	1.77	1.77	1.77	1.77	2.07	1.77	2.07	2.36
327.5	1.48	1.77	1.77	1.48	1.77	1.77	1.77	2.07	2.07
330.0	1.48	1.77	1.77	1.48	1.77	1.77	2.07	2.07	2.36
332.5	1.77	1.77	1.48	1.77	1.77	2.36	2.07	2.07	2.36
335.0	1.77	1.77	1.48	1.77	1.77	2.07	1.77	2.07	1.77
337.5	1.48	1.48	1.48	1.48	1.77	1.77	2.07	2.07	1.77
340.0	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	2.07
342.5	1.77	1.77	1.77	1.48	1.48	1.77	1.77	1.77	2.07
345.0	1.77	1.77	1.77	1.48	1.77	1.77	1.77	2.07	2.07
347.5	1.48	1.77	1.77	1.48	1.77	1.77	1.77	2.07	2.07
350.0	1.48	1.77	1.48	1.77	1.77	1.77	1.77	1.77	1.77
352.5	1.48	1.48	1.77	1.77	1.77	1.48	1.77	1.77	2.07
355.0	1.18	1.48	1.48	1.77	1.77	1.77	1.77	2.07	2.07
357.5	1.48	1.48	1.48	1.77	1.77	1.77	2.07	2.07	2.07
360.0	1.48	1.48	1.77	1.77	1.77	1.77	1.77	2.07	2.07

Equipment:  
Temperature(°C): 25.2

Date: 2025/4/21  
Humidity(%): 62%

Operator:

## Intensity data(cd)

C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
0.0	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07
2.5	2.07	2.36	2.07	2.07	2.07	2.36	2.36	2.36	2.36
5.0	2.07	2.36	2.07	2.36	2.07	2.36	2.66	2.07	2.36
7.5	2.07	2.36	2.36	2.36	2.07	2.36	2.36	2.36	2.36
10.0	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.36
12.5	2.07	2.07	2.66	2.07	2.36	2.36	2.36	2.36	2.36
15.0	2.07	2.07	2.07	2.36	2.07	2.36	2.36	2.07	2.07
17.5	2.36	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.36
20.0	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36
22.5	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.07
25.0	2.07	2.36	2.36	2.07	2.07	2.07	2.36	2.07	2.07
27.5	2.36	2.36	2.36	2.36	2.07	2.07	2.36	2.07	2.36
30.0	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36
32.5	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.07	2.07
35.0	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.07
37.5	2.07	2.36	2.36	2.07	2.36	2.07	2.07	2.36	2.36
40.0	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.36
42.5	2.07	2.36	2.36	2.07	2.36	2.36	2.66	2.36	2.66
45.0	2.07	2.36	2.36	2.36	2.07	2.07	2.36	2.07	2.36
47.5	2.36	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.07
50.0	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.07
52.5	2.07	2.36	2.07	2.36	2.36	2.36	2.36	2.07	2.36
55.0	2.07	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.36
57.5	2.07	2.36	2.36	2.36	2.66	2.07	2.36	2.07	2.07
60.0	2.07	2.36	2.36	2.36	2.07	2.36	2.36	2.07	2.66
62.5	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.07
65.0	2.07	2.36	2.07	2.07	2.36	2.36	2.07	2.07	2.36
67.5	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36
70.0	2.07	2.07	2.36	2.07	2.07	2.36	2.36	2.07	2.36
72.5	2.36	2.07	2.36	2.36	2.07	2.36	2.36	2.07	2.36
75.0	2.36	2.07	2.07	2.36	2.07	2.36	2.36	2.36	2.36
77.5	2.36	2.36	2.07	2.36	2.36	2.07	2.36	2.36	2.07
80.0	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36
82.5	2.36	2.07	2.36	2.07	2.36	2.07	2.07	2.07	2.07
85.0	2.07	2.07	2.36	2.07	2.07	2.07	2.07	2.07	2.36
87.5	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.66
90.0	2.07	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.36
92.5	2.07	2.07	2.07	2.07	2.07	2.36	2.07	2.36	2.36
95.0	2.07	2.36	2.36	2.07	2.36	2.36	2.07	2.36	2.36
97.5	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.66
100.0	2.07	2.36	2.36	2.07	2.07	2.07	2.36	2.36	2.36
102.5	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36
105.0	2.07	2.07	2.36	2.07	2.36	2.36	2.07	2.07	2.36
107.5	2.07	2.07	2.36	2.07	2.36	2.07	2.07	2.36	2.36
110.0	2.07	2.36	2.07	2.36	2.36	2.36	2.36	2.07	2.36
112.5	2.07	2.36	2.36	2.07	2.36	2.36	2.36	2.07	2.36
115.0	2.07	2.36	2.07	2.07	2.36	2.36	2.07	2.36	2.66
117.5	2.36	2.07	2.07	2.36	2.36	2.07	2.36	2.36	2.36
120.0	2.07	2.07	2.36	2.36	2.07	2.36	2.36	2.36	2.66
122.5	2.36	2.07	2.36	2.36	2.07	2.07	2.36	2.66	2.36
125.0	2.36	2.36	2.36	2.07	2.07	2.36	2.36	2.36	2.36
127.5	2.36	2.36	2.36	2.36	2.36	2.66	2.36	2.36	2.36
130.0	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36
132.5	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.36
135.0	2.36	2.36	2.36	2.36	2.07	2.07	2.36	2.07	2.36
137.5	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.66
140.0	2.07	2.07	2.36	2.36	2.36	2.07	2.36	2.36	2.36
142.5	2.07	2.07	2.07	2.36	2.36	2.66	2.36	2.36	2.36

## Intensity data(cd)

C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
145.0	2.07	2.07	2.07	2.36	2.36	2.36	2.66	2.07	2.36
147.5	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36
150.0	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.07	2.36
152.5	2.36	2.36	2.36	2.07	2.07	2.36	2.07	2.07	2.36
155.0	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.36	2.36
157.5	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.66
160.0	2.07	2.07	2.36	2.36	2.36	2.36	2.07	2.07	2.36
162.5	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.66	2.36
165.0	2.07	2.07	2.07	2.07	2.36	2.07	2.36	2.07	2.36
167.5	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.07	2.36
170.0	2.07	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.07
172.5	2.07	2.07	2.07	2.36	2.36	2.36	2.07	2.36	2.36
175.0	2.07	2.07	2.07	2.36	2.36	2.66	2.36	2.36	2.36
177.5	2.36	2.07	2.07	2.36	2.36	2.36	2.36	2.07	2.36
180.0	2.07	2.07	2.36	2.36	2.36	2.36	2.07	2.36	2.07
182.5	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.36	2.36
185.0	2.07	2.07	2.36	2.36	2.36	2.66	2.36	2.36	2.07
187.5	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.66
190.0	2.07	2.36	2.36	2.36	2.36	2.07	2.07	2.07	2.36
192.5	2.07	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.36
195.0	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.36	2.36
197.5	2.07	2.07	2.07	2.36	2.36	2.07	2.07	2.36	2.36
200.0	2.07	2.07	2.07	2.36	2.36	2.36	2.07	2.36	2.36
202.5	2.07	2.07	2.36	2.36	2.36	2.07	2.36	2.36	2.36
205.0	2.07	2.36	2.36	2.07	2.36	2.36	2.07	2.36	2.36
207.5	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.07
210.0	2.07	2.36	2.36	2.36	2.07	2.07	2.07	2.36	2.36
212.5	2.07	2.36	2.36	2.07	2.36	2.07	2.36	2.36	2.36
215.0	2.07	2.07	2.36	2.36	2.36	2.07	2.07	2.07	2.36
217.5	2.07	2.36	2.36	2.07	2.36	2.07	2.36	2.07	2.07
220.0	2.07	2.36	2.36	2.66	2.07	2.36	2.36	2.07	2.36
222.5	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.36	2.36
225.0	2.36	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.07
227.5	2.36	2.36	2.07	2.36	2.66	2.36	2.36	2.36	2.36
230.0	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.66	2.36
232.5	2.07	2.36	2.36	2.36	2.07	2.36	2.07	2.36	2.36
235.0	2.36	2.36	2.36	2.07	2.36	2.07	2.07	2.36	2.36
237.5	2.07	2.07	2.07	2.07	2.07	2.36	2.07	2.36	2.36
240.0	2.07	2.07	2.36	2.07	2.36	2.36	2.66	2.07	2.36
242.5	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.07	2.36
245.0	2.07	2.07	2.36	2.07	2.07	2.07	2.07	2.36	2.07
247.5	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36
250.0	2.07	2.07	2.36	2.07	2.07	2.07	2.07	2.36	2.36
252.5	2.36	2.36	2.07	2.36	2.07	2.07	2.36	2.36	2.36
255.0	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36
257.5	2.07	2.07	2.07	2.07	2.36	2.36	2.07	2.36	2.36
260.0	2.07	2.36	2.07	2.07	2.07	2.36	2.36	2.36	2.36
262.5	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36
265.0	2.07	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.36
267.5	2.07	2.07	2.07	2.36	2.36	2.07	2.07	2.36	2.36
270.0	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.66
272.5	2.36	2.36	2.36	2.07	2.07	2.07	2.07	2.36	2.36
275.0	2.07	2.36	2.36	2.36	2.36	2.07	2.07	2.36	2.36
277.5	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.36
280.0	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.07
282.5	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36
285.0	2.36	2.07	2.36	2.07	2.07	2.36	2.36	2.36	2.36
287.5	2.36	2.07	2.07	2.07	2.07	2.36	2.07	2.36	2.36

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**Intensity data(cd)**

C/γ(°)	157.5	160.0	162.5	165.0	167.5	170.0	172.5	175.0	177.5
290.0	2.36	1.77	2.36	2.36	2.07	2.36	2.36	2.07	2.36
292.5	2.07	2.36	2.36	2.07	2.07	2.07	2.07	2.36	2.07
295.0	2.36	2.07	2.36	2.07	2.36	2.07	2.36	2.36	2.36
297.5	2.36	2.07	2.36	2.36	2.36	2.07	2.36	2.07	2.36
300.0	2.07	2.07	2.07	2.36	2.36	2.36	2.07	2.07	2.36
302.5	2.07	2.36	2.07	2.07	2.36	2.36	2.36	2.36	2.36
305.0	2.07	2.36	2.36	2.07	2.07	2.07	2.36	2.36	2.07
307.5	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.36	2.36
310.0	2.36	2.07	2.07	2.36	2.07	2.36	2.36	2.07	2.66
312.5	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.66	2.36
315.0	2.07	2.36	2.36	2.07	2.36	2.07	2.36	2.36	2.36
317.5	2.07	2.36	2.07	2.36	2.07	2.36	2.36	2.07	2.36
320.0	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.07	2.36
322.5	2.07	2.36	2.07	2.07	2.36	2.36	2.36	2.07	2.07
325.0	2.07	2.36	2.36	2.07	2.36	2.36	2.36	2.36	2.36
327.5	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.07	2.07
330.0	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.07	2.07
332.5	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.36	2.36
335.0	2.07	2.07	2.36	2.36	2.66	2.36	2.36	2.36	2.36
337.5	2.07	2.36	2.36	2.36	2.07	2.36	2.07	2.36	2.07
340.0	2.07	2.36	2.07	2.36	2.36	2.36	2.07	2.36	2.07
342.5	2.07	2.07	2.07	2.07	2.36	2.36	2.36	2.07	2.36
345.0	2.07	2.07	2.36	2.36	2.36	2.07	2.66	2.36	2.07
347.5	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.07	2.36
350.0	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07
352.5	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.07
355.0	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07	2.36
357.5	2.07	2.07	2.36	2.07	2.36	2.36	2.36	2.36	2.07
360.0	2.07	2.07	2.07	2.36	2.36	2.36	2.36	2.36	2.07

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**Intensity data(cd)**

<b>C/γ(°)</b>	<b>180.0</b>
<b>0.0</b>	<b>2.36</b>
<b>2.5</b>	<b>2.36</b>
<b>5.0</b>	<b>2.36</b>
<b>7.5</b>	<b>2.36</b>
<b>10.0</b>	<b>2.36</b>
<b>12.5</b>	<b>2.36</b>
<b>15.0</b>	<b>2.66</b>
<b>17.5</b>	<b>2.36</b>
<b>20.0</b>	<b>2.36</b>
<b>22.5</b>	<b>2.36</b>
<b>25.0</b>	<b>2.36</b>
<b>27.5</b>	<b>2.36</b>
<b>30.0</b>	<b>2.36</b>
<b>32.5</b>	<b>2.36</b>
<b>35.0</b>	<b>2.36</b>
<b>37.5</b>	<b>2.36</b>
<b>40.0</b>	<b>2.36</b>
<b>42.5</b>	<b>2.36</b>
<b>45.0</b>	<b>2.36</b>
<b>47.5</b>	<b>2.36</b>
<b>50.0</b>	<b>2.36</b>
<b>52.5</b>	<b>2.66</b>
<b>55.0</b>	<b>2.36</b>
<b>57.5</b>	<b>2.36</b>
<b>60.0</b>	<b>2.36</b>
<b>62.5</b>	<b>2.36</b>
<b>65.0</b>	<b>2.36</b>
<b>67.5</b>	<b>2.36</b>
<b>70.0</b>	<b>2.36</b>
<b>72.5</b>	<b>2.36</b>
<b>75.0</b>	<b>2.36</b>
<b>77.5</b>	<b>2.36</b>
<b>80.0</b>	<b>2.36</b>
<b>82.5</b>	<b>2.07</b>
<b>85.0</b>	<b>2.36</b>
<b>87.5</b>	<b>2.36</b>
<b>90.0</b>	<b>2.07</b>
<b>92.5</b>	<b>2.07</b>
<b>95.0</b>	<b>2.36</b>
<b>97.5</b>	<b>2.36</b>
<b>100.0</b>	<b>2.36</b>
<b>102.5</b>	<b>2.36</b>
<b>105.0</b>	<b>2.36</b>
<b>107.5</b>	<b>2.36</b>
<b>110.0</b>	<b>2.66</b>
<b>112.5</b>	<b>2.36</b>
<b>115.0</b>	<b>2.36</b>
<b>117.5</b>	<b>2.36</b>
<b>120.0</b>	<b>2.36</b>
<b>122.5</b>	<b>2.36</b>
<b>125.0</b>	<b>2.36</b>
<b>127.5</b>	<b>2.07</b>
<b>130.0</b>	<b>2.36</b>
<b>132.5</b>	<b>2.36</b>
<b>135.0</b>	<b>2.36</b>
<b>137.5</b>	<b>2.66</b>
<b>140.0</b>	<b>2.36</b>
<b>142.5</b>	<b>2.36</b>

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**Intensity data(cd)**

<b>C/γ(°)</b>	<b>180.0</b>
<b>145.0</b>	<b>2.36</b>
<b>147.5</b>	<b>2.36</b>
<b>150.0</b>	<b>2.36</b>
<b>152.5</b>	<b>2.66</b>
<b>155.0</b>	<b>2.36</b>
<b>157.5</b>	<b>2.36</b>
<b>160.0</b>	<b>2.36</b>
<b>162.5</b>	<b>2.36</b>
<b>165.0</b>	<b>2.36</b>
<b>167.5</b>	<b>2.36</b>
<b>170.0</b>	<b>2.07</b>
<b>172.5</b>	<b>2.36</b>
<b>175.0</b>	<b>2.36</b>
<b>177.5</b>	<b>2.36</b>
<b>180.0</b>	<b>2.36</b>
<b>182.5</b>	<b>2.36</b>
<b>185.0</b>	<b>2.36</b>
<b>187.5</b>	<b>2.36</b>
<b>190.0</b>	<b>2.36</b>
<b>192.5</b>	<b>2.36</b>
<b>195.0</b>	<b>2.66</b>
<b>197.5</b>	<b>2.36</b>
<b>200.0</b>	<b>2.36</b>
<b>202.5</b>	<b>2.36</b>
<b>205.0</b>	<b>2.36</b>
<b>207.5</b>	<b>2.36</b>
<b>210.0</b>	<b>2.36</b>
<b>212.5</b>	<b>2.36</b>
<b>215.0</b>	<b>2.36</b>
<b>217.5</b>	<b>2.36</b>
<b>220.0</b>	<b>2.36</b>
<b>222.5</b>	<b>2.36</b>
<b>225.0</b>	<b>2.36</b>
<b>227.5</b>	<b>2.36</b>
<b>230.0</b>	<b>2.36</b>
<b>232.5</b>	<b>2.66</b>
<b>235.0</b>	<b>2.36</b>
<b>237.5</b>	<b>2.36</b>
<b>240.0</b>	<b>2.36</b>
<b>242.5</b>	<b>2.36</b>
<b>245.0</b>	<b>2.36</b>
<b>247.5</b>	<b>2.36</b>
<b>250.0</b>	<b>2.36</b>
<b>252.5</b>	<b>2.36</b>
<b>255.0</b>	<b>2.36</b>
<b>257.5</b>	<b>2.36</b>
<b>260.0</b>	<b>2.36</b>
<b>262.5</b>	<b>2.07</b>
<b>265.0</b>	<b>2.36</b>
<b>267.5</b>	<b>2.36</b>
<b>270.0</b>	<b>2.07</b>
<b>272.5</b>	<b>2.07</b>
<b>275.0</b>	<b>2.36</b>
<b>277.5</b>	<b>2.36</b>
<b>280.0</b>	<b>2.36</b>
<b>282.5</b>	<b>2.36</b>
<b>285.0</b>	<b>2.36</b>
<b>287.5</b>	<b>2.36</b>

Intensity data(cd)

C/γ(°)	180.0
290.0	2.66
292.5	2.36
295.0	2.36
297.5	2.36
300.0	2.36
302.5	2.36
305.0	2.36
307.5	2.07
310.0	2.36
312.5	2.36
315.0	2.36
317.5	2.66
320.0	2.36
322.5	2.36
325.0	2.36
327.5	2.36
330.0	2.36
332.5	2.66
335.0	2.36
337.5	2.36
340.0	2.36
342.5	2.36
345.0	2.36
347.5	2.36
350.0	2.07
352.5	2.36
355.0	2.36
357.5	2.36
360.0	2.36