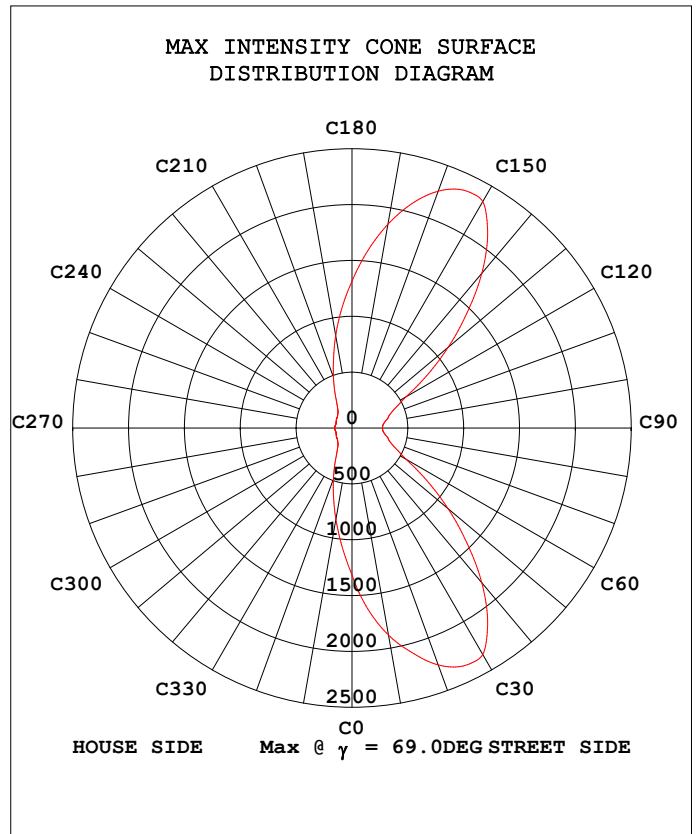
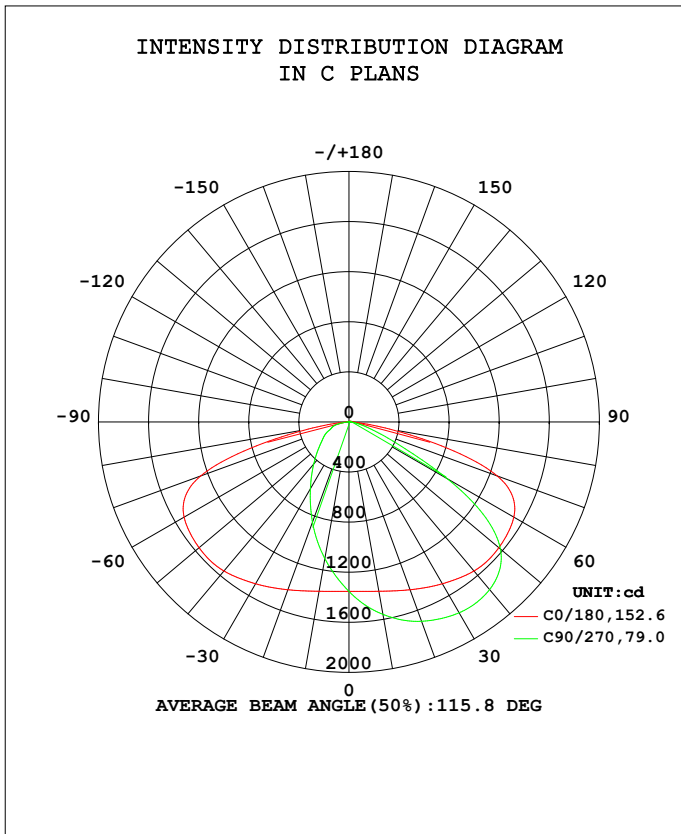


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.335A P:40.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5558.03x1 lm		
NAME: ST10-040-UD-5070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

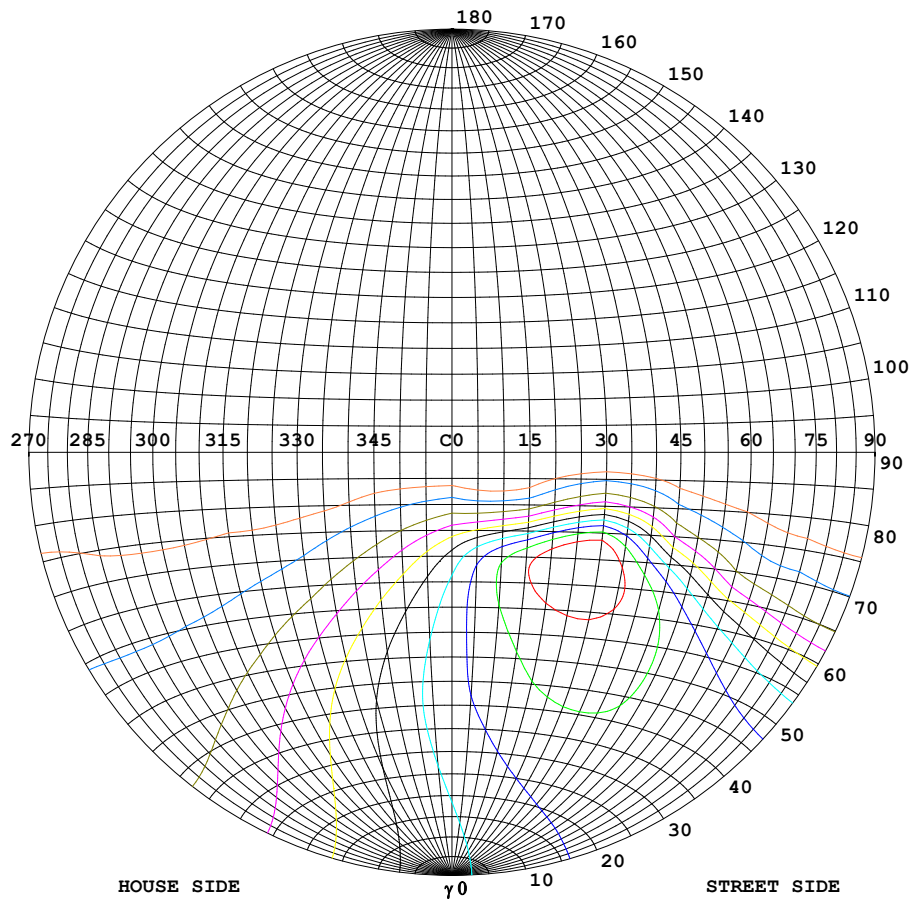
DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.95 lm/W			
MODEL	/	I _{max} (cd)	2360	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	70.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	5558	η house_up (%)	0.0
NOMINAL FLUX (lm)	5558.03	MAXIMUM @ (C, γ)	28,69.0	η house_down (%)	29.9
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	/	η down (%)	100.0	SLI	



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

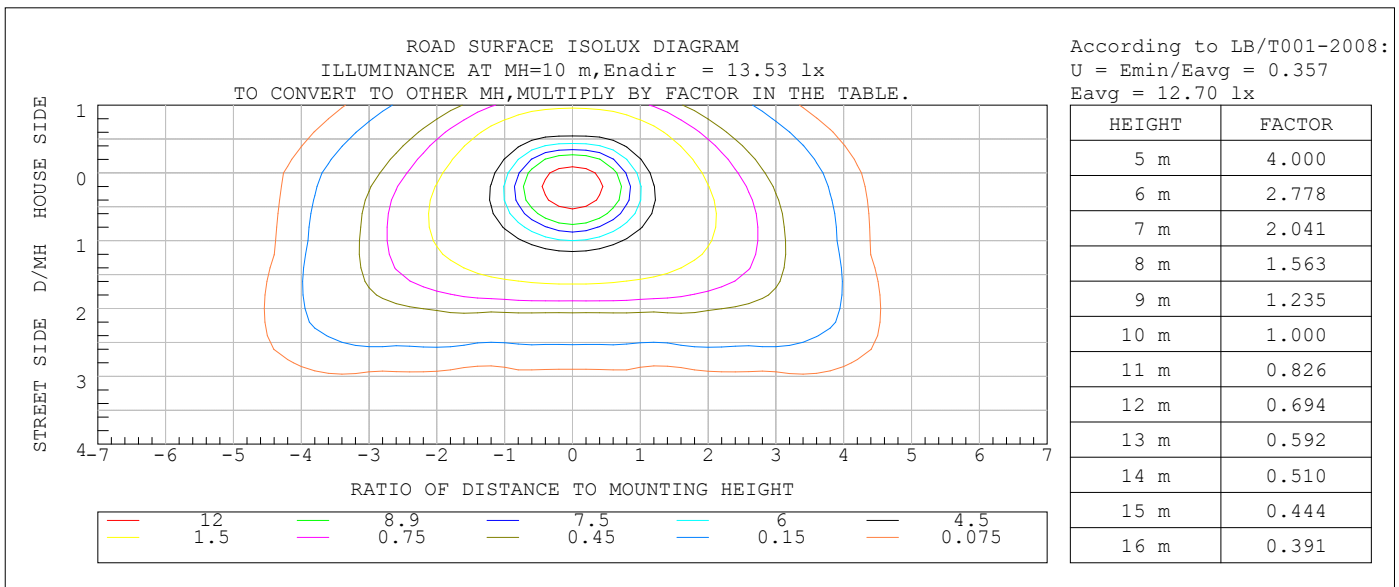
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:154.6cd/klm
 Max.At90:0.1183cd/klm
 Max.80-90:154.6cd/klm
 NRB 5101:Limited[9.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2360
90%	2124
80%	1888
70%	1652
60%	1416
50%	1180
40%	944
30%	708
20%	472
10%	236
5%	118

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

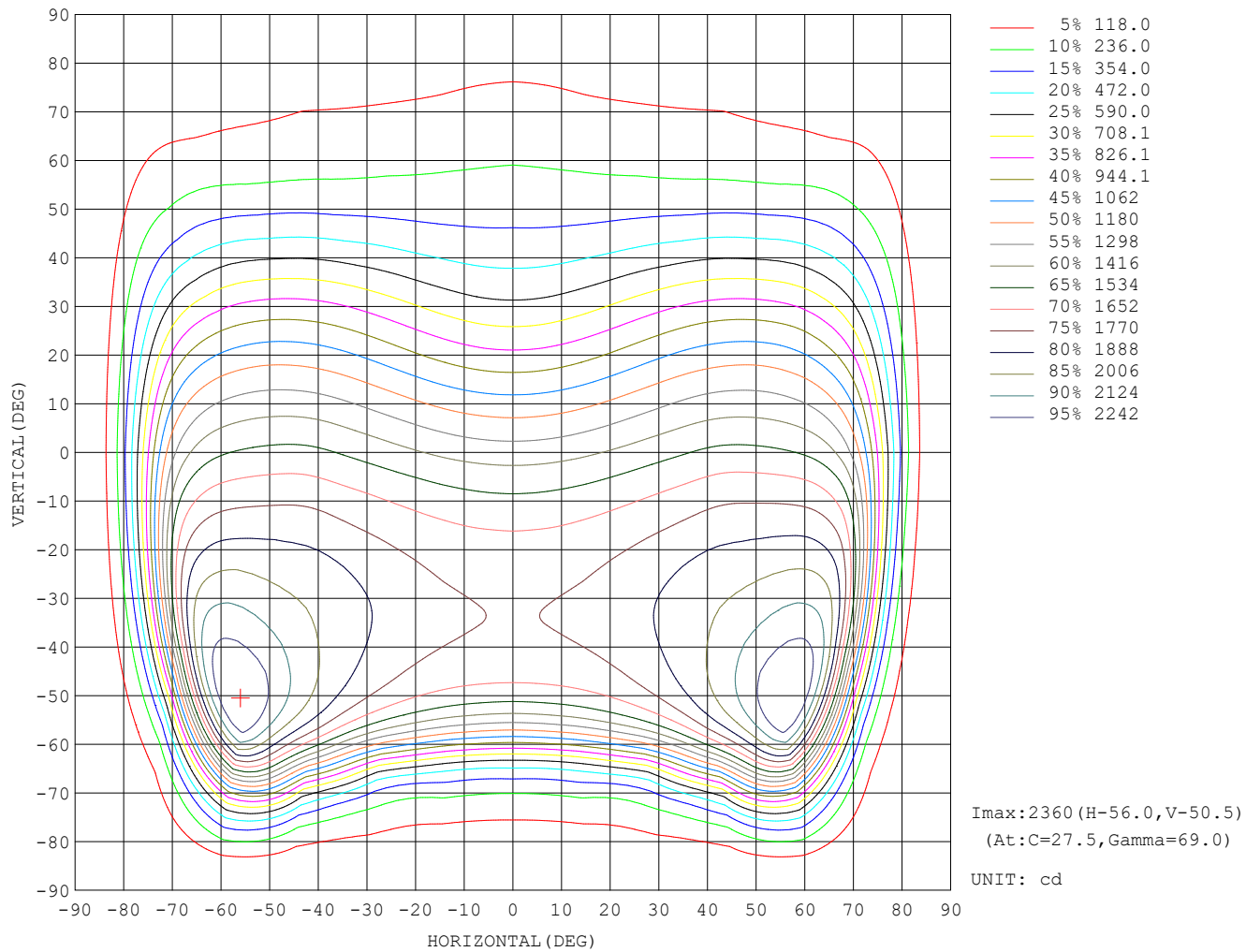
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1373	1517	1560	1517	1373	1192	1108	1192	0- 10	129.2	129.2	2.33,2.33
20	1426	1658	1694	1658	1426	1045	852.1	1045	10- 20	383.5	512.7	9.22,9.22
30	1492	1774	1760	1774	1492	907.0	616.5	907.0	20- 30	622.8	1136	20.4,20.4
40	1553	1869	1747	1869	1553	755.2	437.8	755.2	30- 40	835.7	1971	35.5,35.5
50	1562	1915	1579	1915	1562	549.9	310.2	549.9	40- 50	997.1	2968	53.4,53.4
60	1520	1912	906.6	1912	1520	317.3	229.8	317.3	50- 60	1055	4024	72.4,72.4
70	1260	1341	239.6	1341	1260	170.5	151.3	170.5	60- 70	927.7	4951	89.1,89.1
80	330.3	279.4	62.95	279.4	330.3	68.64	76.35	68.64	70- 80	529.8	5481	98.6,98.6
90	0.3670	0.1301	0.0712	0.1301	0.3670	0.4887	0.1383	0.4887	80- 90	76.77	5558	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

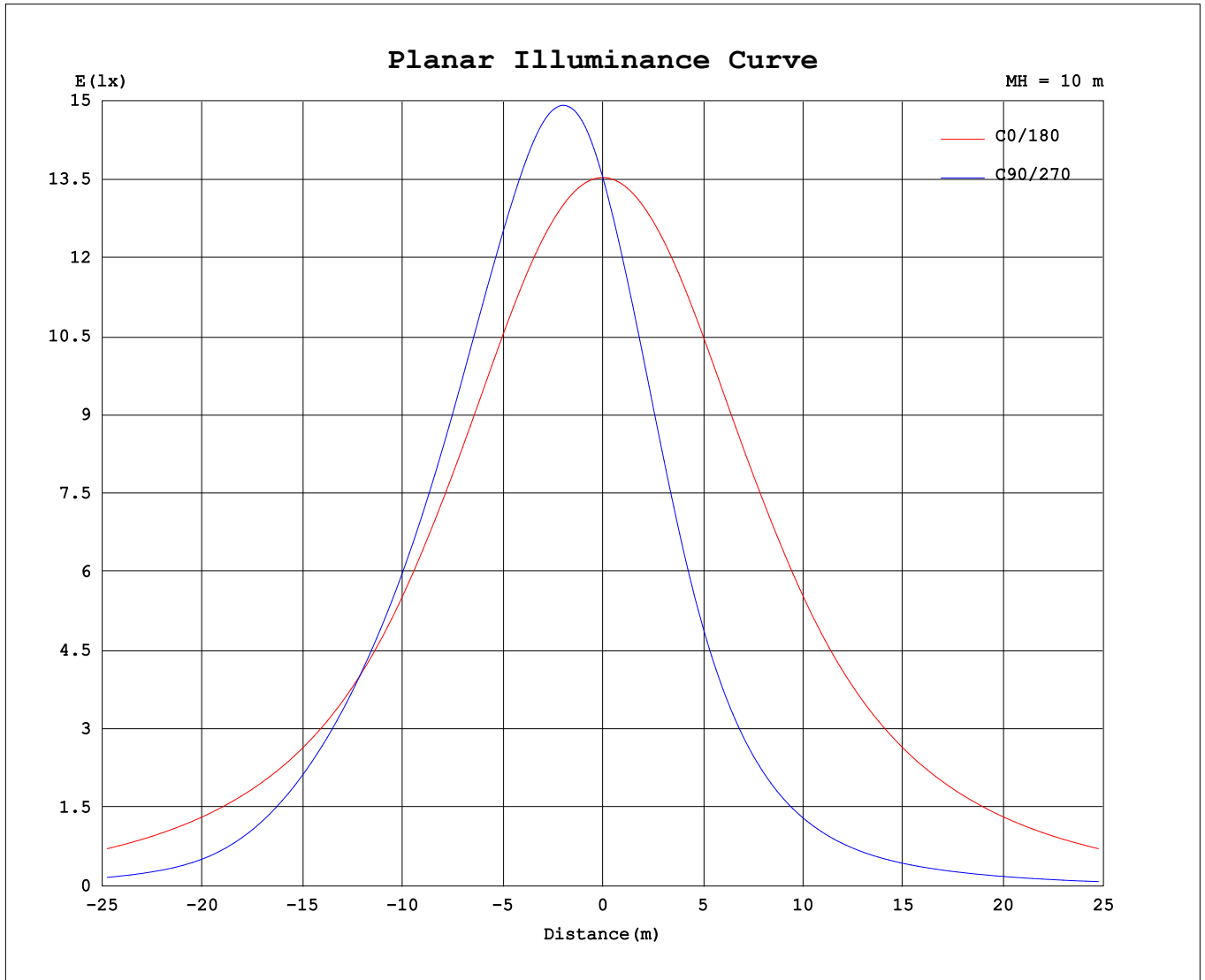
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: LYJ
Test Date: 2022-05-04

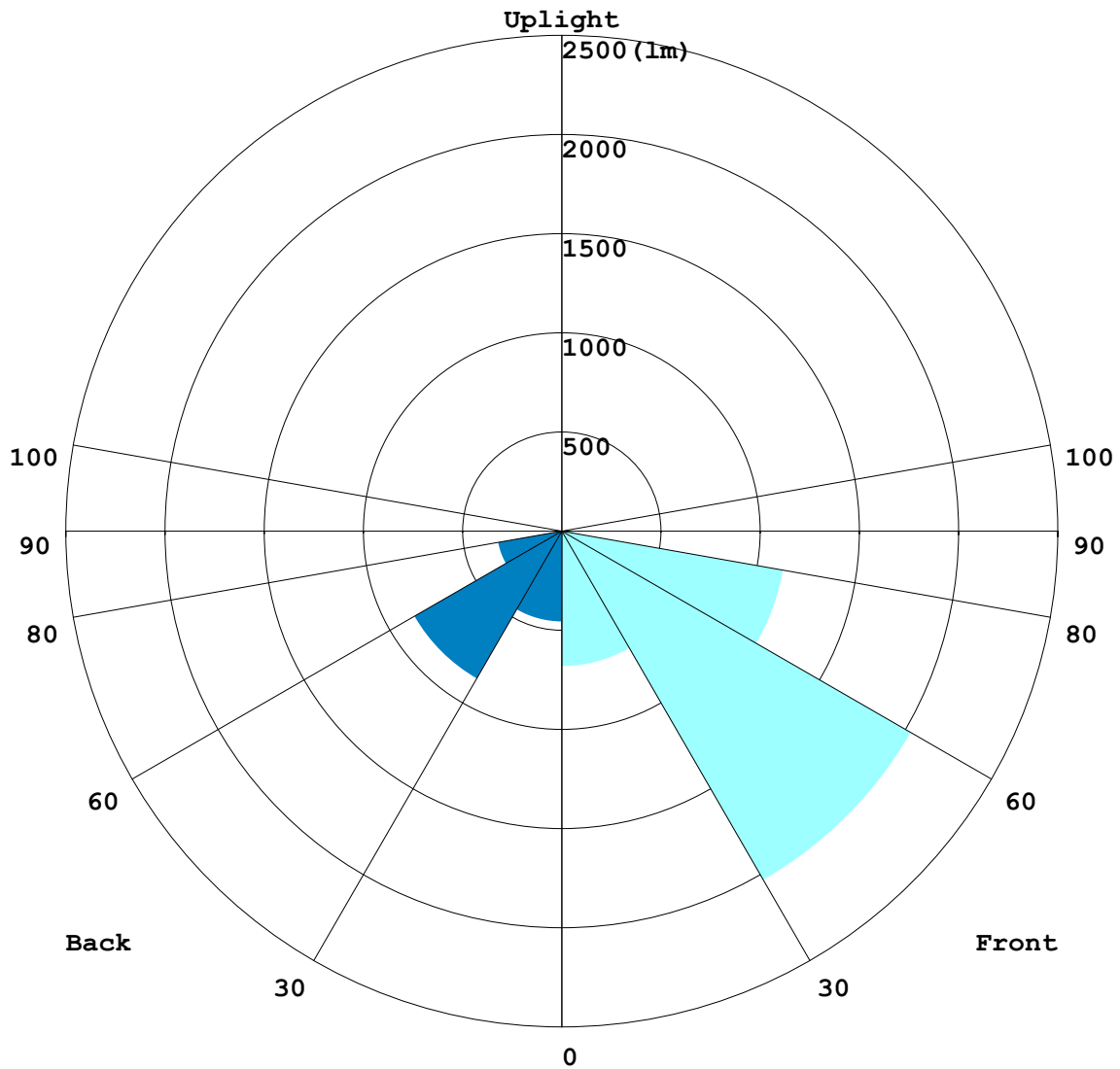
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.335A P:40.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5558.03x1 lm		
NAME: ST10-040-UD-5070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:120.0V I:0.335A P:40.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5558.03x1 lm		
NAME: ST10-040-UD-5070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	680.46	12.2
FM - Front-Medium(30-60)	2030.5	36.5
FH - Front-High(60-80)	1131.9	20.4
FVH - Front-Very High(80-90)	55.082	1.0
Total Forward Light	3897.9	70.1

BL - Back-Low(0-30)	455.1	8.2
BM - Back-Medium(30-60)	857.72	15.4
BH - Back-High(60-80)	325.65	5.9
BVH - Back-Very High(80-90)	21.683	0.4
Total Back Light	1660.1	29.9

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B1-U0-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1660.1	0	1660.1
Street Side	3897.9	0	3897.9

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

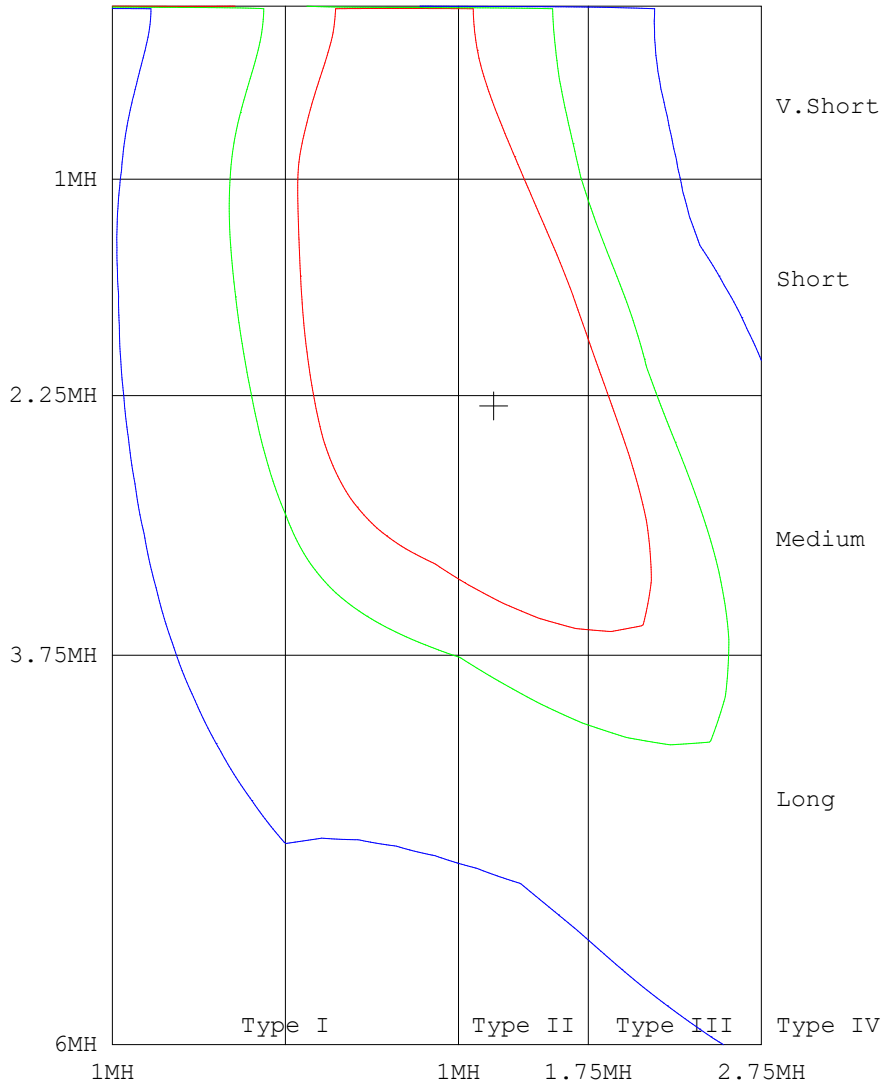
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.335A P:40.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5558.03x1 lm		
NAME: ST10-040-UD-5070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement Road Range: 472.07 - 90DEG 2.5% 59.009
 C Interval: 2.5DEG 70% 165.2 50% 1180.2 5% 118.02
 Test Speed: HIGH γ Interval: 0.5DEG
 Temperature: 25.3°C Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Operators: LYJ Humidity: 65.0%
 Test Date: 2022-05-04 Test Distance: 26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25	27.5	30	32.5	35	37.5	40	42.5	45
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1358	1364	1369	1374	1379	1384	1389	1393	1398	1403	1407	1411	1416	1420	1424	1427	1431	1434	1438
10	1373	1384	1394	1404	1413	1423	1432	1441	1449	1458	1466	1473	1481	1488	1494	1501	1507	1512	1517
15	1396	1412	1427	1441	1455	1468	1481	1493	1505	1516	1527	1537	1546	1555	1563	1571	1578	1584	1591
20	1426	1446	1466	1484	1502	1519	1535	1550	1564	1577	1589	1601	1611	1621	1630	1638	1645	1652	1658
25	1459	1484	1508	1530	1551	1572	1590	1608	1624	1639	1652	1665	1676	1686	1694	1702	1709	1714	1719
30	1492	1522	1550	1577	1602	1626	1647	1667	1685	1701	1716	1729	1740	1749	1757	1763	1768	1772	1774
35	1524	1560	1594	1625	1654	1681	1705	1727	1747	1765	1780	1793	1804	1812	1818	1822	1825	1825	1825
40	1553	1597	1637	1674	1708	1739	1768	1793	1815	1834	1850	1863	1873	1878	1881	1881	1879	1875	1869
45	1566	1620	1670	1715	1757	1794	1827	1856	1881	1902	1918	1930	1938	1939	1937	1931	1922	1911	1897
50	1562	1628	1688	1742	1792	1836	1874	1907	1935	1957	1974	1985	1991	1989	1982	1970	1955	1936	1915
55	1548	1630	1704	1771	1831	1885	1931	1970	2002	2027	2045	2056	2059	2052	2038	2018	1993	1963	1928
60	1520	1624	1719	1805	1882	1949	2007	2057	2097	2127	2148	2157	2156	2139	2111	2073	2027	1973	1912
65	1448	1585	1709	1821	1921	2009	2085	2155	2212	2253	2279	2288	2279	2232	2168	2088	1995	1889	1773
70	1260	1422	1572	1708	1832	1942	2038	2144	2232	2299	2341	2355	2337	2222	2078	1912	1729	1537	1341
75	818	891	969	1049	1134	1221	1312	1460	1601	1728	1831	1901	1929	1782	1597	1384	1157	926	705
80	330	303	289	288	299	324	361	454	552	649	737	810	860	797	712	611	500	387	279
85	69.6	58.3	51.3	48.5	50.0	55.8	65.9	92.2	121	149	176	199	216	202	183	158	132	104	77.7
90	0.37	0.34	0.32	0.30	0.28	0.26	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.22	0.20	0.19	0.17	0.15	0.13

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

γ (DEG)	C (DEG)																		
	47.5	50	52.5	55	57.5	60	62.5	65	67.5	70	72.5	75	77.5	80	82.5	85	87.5	90	92.5
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1441	1444	1446	1449	1451	1454	1456	1458	1459	1461	1462	1464	1465	1465	1466	1466	1467	1467	1467
10	1522	1527	1531	1535	1538	1542	1545	1547	1550	1552	1554	1556	1557	1558	1559	1559	1560	1560	1560
15	1596	1601	1606	1610	1614	1618	1621	1624	1627	1629	1631	1633	1634	1635	1636	1636	1637	1637	1637
20	1663	1668	1672	1675	1678	1681	1684	1686	1688	1690	1691	1692	1693	1694	1694	1694	1694	1694	1694
25	1723	1725	1728	1729	1730	1731	1732	1733	1733	1734	1734	1734	1734	1734	1734	1733	1733	1733	1733
30	1775	1776	1775	1774	1773	1771	1770	1769	1767	1766	1765	1764	1763	1762	1761	1760	1760	1760	1760
35	1822	1819	1814	1809	1804	1798	1794	1789	1785	1781	1778	1775	1772	1770	1768	1767	1766	1766	1766
40	1860	1850	1840	1829	1817	1806	1797	1789	1781	1774	1767	1762	1757	1754	1751	1749	1748	1747	1748
45	1882	1865	1848	1830	1813	1795	1780	1766	1753	1741	1731	1721	1713	1706	1701	1697	1695	1694	1695
50	1892	1867	1842	1815	1788	1761	1737	1713	1690	1669	1650	1632	1617	1605	1594	1586	1581	1579	1581
55	1890	1849	1807	1762	1717	1672	1628	1585	1544	1505	1468	1435	1407	1383	1363	1348	1339	1334	1339
60	1841	1765	1686	1605	1523	1442	1367	1295	1227	1164	1105	1053	1010	975	946	925	912	907	912
65	1642	1506	1368	1231	1099	974	881	798	725	661	607	562	527	501	482	470	464	465	464
70	1174	1013	860	719	591	480	417	369	335	313	299	292	274	261	251	244	240	240	240
75	586	486	404	337	284	244	211	187	170	160	154	151	143	137	132	129	127	127	127
80	232	195	166	145	130	120	106	95.3	87.0	80.8	76.3	73.1	69.3	66.5	64.5	63.3	62.8	63.0	62.8
85	66.8	58.3	51.9	47.2	43.8	41.4	37.5	34.0	31.1	28.6	26.5	24.8	23.4	22.2	21.4	20.8	20.6	20.6	20.6
90	0.12	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 2.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Temperature:25.3°C	Humidity:65.0%
Operator:LYJ	Test Distance:26.000m [K=0.0446]
Test Date:2022-05-04	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

C (DEG) \ γ (DEG)	95	97.5	100	102.5	105	107.5	110	112.5	115	117.5	120	122.5	125	127.5	130	132.5	135	137.5	140
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1466	1466	1465	1465	1464	1462	1461	1459	1458	1456	1454	1451	1449	1446	1444	1441	1438	1434	1431
10	1559	1559	1558	1557	1556	1554	1552	1550	1547	1545	1542	1538	1535	1531	1527	1522	1517	1512	1507
15	1636	1636	1635	1634	1633	1631	1629	1627	1624	1621	1618	1614	1610	1606	1601	1596	1591	1584	1578
20	1694	1694	1694	1693	1692	1691	1690	1688	1686	1684	1681	1678	1675	1672	1668	1663	1658	1652	1645
25	1733	1734	1734	1734	1734	1734	1734	1733	1733	1732	1731	1730	1729	1728	1725	1723	1719	1714	1709
30	1760	1761	1762	1763	1764	1765	1766	1767	1769	1770	1771	1773	1774	1775	1776	1775	1774	1772	1768
35	1767	1768	1770	1772	1775	1778	1781	1785	1789	1794	1798	1804	1809	1814	1819	1822	1825	1825	1825
40	1749	1751	1754	1757	1762	1767	1774	1781	1789	1797	1806	1817	1829	1840	1850	1860	1869	1875	1879
45	1697	1701	1706	1713	1721	1731	1741	1753	1766	1780	1795	1813	1830	1848	1865	1882	1897	1911	1922
50	1586	1594	1605	1617	1632	1650	1669	1690	1713	1737	1761	1788	1815	1842	1867	1892	1915	1936	1955
55	1348	1363	1383	1407	1435	1468	1505	1544	1585	1628	1672	1717	1762	1807	1849	1890	1928	1963	1993
60	925	946	975	1010	1053	1105	1164	1227	1295	1367	1442	1523	1605	1686	1765	1841	1912	1973	2027
65	470	482	501	527	562	607	661	725	798	881	974	1099	1231	1368	1506	1642	1773	1889	1995
70	244	251	261	274	292	299	313	335	369	417	480	591	719	860	1013	1174	1341	1537	1729
75	129	132	137	143	151	154	160	170	187	211	244	284	337	404	486	586	705	926	1157
80	63.3	64.5	66.5	69.3	73.1	76.3	80.8	87.0	95.3	106	120	130	145	166	195	232	279	387	500
85	20.8	21.4	22.2	23.4	24.8	26.5	28.6	31.1	34.0	37.5	41.4	43.8	47.2	51.9	58.3	66.8	77.7	104	132
90	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.11	0.12	0.13	0.15	0.17

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	142.5	145	147.5	150	152.5	155	157.5	160	162.5	165	167.5	170	172.5	175	177.5	180	182.5	185	187.5
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1427	1424	1420	1416	1411	1407	1403	1398	1393	1389	1384	1379	1374	1369	1364	1358	1353	1348	1343
10	1501	1494	1488	1481	1473	1466	1458	1449	1441	1432	1423	1413	1403	1393	1383	1373	1363	1352	1342
15	1571	1563	1555	1546	1537	1527	1516	1505	1493	1481	1468	1454	1441	1426	1411	1396	1381	1366	1350
20	1638	1630	1621	1611	1601	1589	1577	1564	1550	1535	1518	1501	1483	1465	1446	1426	1406	1386	1365
25	1702	1694	1686	1676	1665	1652	1639	1624	1608	1590	1571	1550	1529	1506	1483	1459	1434	1409	1383
30	1763	1757	1749	1740	1729	1716	1701	1685	1667	1647	1625	1601	1575	1549	1521	1492	1462	1432	1400
35	1822	1818	1812	1804	1793	1780	1765	1747	1727	1705	1680	1652	1622	1591	1558	1524	1489	1453	1416
40	1881	1881	1878	1873	1863	1850	1834	1815	1793	1768	1738	1705	1670	1633	1594	1553	1512	1468	1424
45	1931	1937	1939	1938	1930	1918	1902	1881	1856	1827	1791	1752	1709	1664	1616	1566	1517	1466	1414
50	1970	1982	1989	1991	1985	1974	1957	1935	1907	1874	1832	1785	1733	1679	1622	1562	1504	1445	1385
55	2018	2038	2052	2059	2056	2045	2027	2002	1970	1931	1879	1821	1758	1691	1621	1548	1478	1407	1335
60	2073	2111	2139	2156	2157	2148	2127	2097	2057	2007	1941	1867	1786	1701	1612	1520	1432	1344	1255
65	2088	2168	2232	2279	2288	2279	2253	2212	2155	2085	1997	1899	1793	1681	1565	1448	1338	1229	1122
70	1912	2078	2222	2337	2355	2341	2299	2232	2144	2038	1926	1802	1671	1535	1397	1260	1135	1014	898
75	1384	1597	1782	1929	1901	1831	1728	1601	1460	1312	1224	1138	1055	974	895	818	731	647	565
80	611	712	797	860	810	737	649	552	454	361	340	329	325	326	328	330	308	282	255
85	158	183	202	216	199	176	149	121	92.2	65.9	60.5	58.7	59.4	62.1	65.7	69.6	68.0	65.9	63.2
90	0.19	0.20	0.22	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.28	0.29	0.31	0.34	0.37	0.41	0.46	0.50

C Range: 0 - 360DEG
C Interval: 2.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:LYJ
Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: cd

C (DEG) γ (DEG)	190	192.5	195	197.5	200	202.5	205	207.5	210	212.5	215	217.5	220	222.5	225	227.5	230	232.5	235
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1337	1332	1327	1322	1317	1311	1306	1302	1297	1292	1288	1283	1279	1274	1270	1267	1263	1259	1256
10	1331	1321	1310	1299	1289	1278	1268	1258	1248	1238	1228	1219	1209	1200	1192	1183	1175	1168	1161
15	1334	1318	1302	1286	1269	1253	1237	1221	1205	1190	1174	1159	1145	1130	1116	1103	1090	1078	1066
20	1343	1322	1300	1278	1256	1234	1212	1190	1168	1147	1126	1105	1084	1064	1045	1026	1008	991	974
25	1356	1329	1302	1274	1246	1218	1190	1163	1135	1107	1080	1053	1027	1001	976	952	928	906	884
30	1368	1336	1303	1269	1235	1201	1167	1133	1100	1066	1033	1001	969	937	907	878	850	823	797
35	1378	1339	1300	1260	1220	1179	1139	1099	1060	1020	982	944	906	870	835	802	770	740	711
40	1379	1333	1286	1240	1193	1146	1100	1054	1008	963	919	876	834	794	755	719	685	652	622
45	1361	1308	1254	1200	1147	1094	1041	989	938	888	839	791	746	702	661	623	589	557	527
50	1324	1262	1200	1138	1077	1016	957	898	842	787	734	684	636	591	550	514	483	454	428
55	1262	1190	1118	1046	975	906	839	775	713	657	603	554	508	467	430	400	374	352	334
60	1167	1080	995	913	834	758	686	619	557	504	457	415	377	345	317	296	279	265	254
65	1017	916	820	733	652	578	510	449	394	353	317	288	264	245	231	218	209	202	198
70	788	685	591	513	445	385	334	290	254	227	207	192	182	175	171	165	160	157	155
75	488	415	349	302	261	227	199	176	158	146	137	130	127	125	124	120	116	113	110
80	226	198	171	149	130	113	97.4	84.4	73.9	69.2	66.5	65.5	65.9	67.0	68.6	67.4	66.3	65.3	64.5
85	60.1	56.6	52.6	47.5	42.3	37.1	32.1	27.5	23.6	22.1	21.3	21.0	21.3	21.8	22.6	22.9	23.4	23.9	24.5
90	0.55	0.59	0.63	0.64	0.65	0.66	0.66	0.65	0.64	0.62	0.60	0.58	0.55	0.52	0.49	0.45	0.42	0.39	0.35

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 2.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Temperature:25.3°C	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.0446]
Test Date:2022-05-04	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--6

UNIT: cd

C (DEG) γ (DEG)	237.5	240	242.5	245	247.5	250	252.5	255	257.5	260	262.5	265	267.5	270	272.5	275	277.5	280	282.5
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1253	1250	1247	1244	1242	1240	1238	1237	1235	1234	1233	1233	1232	1232	1232	1233	1233	1234	1235
10	1154	1147	1141	1135	1130	1126	1121	1118	1115	1112	1111	1109	1109	1108	1109	1109	1111	1112	1115
15	1055	1045	1035	1026	1017	1010	1003	997	992	988	985	982	981	981	981	982	985	988	992
20	958	943	929	916	904	894	884	875	868	863	858	855	853	852	853	855	858	863	868
25	864	844	826	810	794	781	768	757	748	741	735	731	728	728	728	731	735	741	748
30	773	750	729	710	692	676	662	649	639	631	624	620	617	616	617	620	624	631	639
35	684	659	637	616	597	580	566	553	543	534	528	523	521	520	521	523	528	534	543
40	594	569	546	526	508	492	478	467	457	450	444	440	438	438	438	440	444	450	457
45	501	477	456	438	423	410	399	389	382	376	372	370	368	369	368	370	372	376	382
50	406	387	370	356	345	336	328	322	318	314	312	310	310	310	310	310	312	314	318
55	318	305	294	286	279	273	270	267	265	264	263	263	263	264	263	263	263	264	265
60	247	241	235	231	228	227	226	226	226	226	227	228	229	230	229	228	227	226	226
65	195	194	191	190	188	188	188	188	189	189	190	191	192	193	192	191	190	189	189
70	153	152	150	147	145	143	141	141	142	144	146	148	150	151	150	148	146	144	142
75	108	107	107	107	108	109	111	113	116	119	121	124	125	127	125	124	121	119	116
80	64.0	63.9	65.1	66.7	68.4	70.2	72.1	73.8	74.7	75.4	75.9	76.2	76.3	76.4	76.3	76.2	75.9	75.4	74.7
85	25.2	26.0	27.0	28.0	28.9	29.7	30.2	30.5	29.3	27.8	26.3	24.9	23.6	22.6	23.6	24.9	26.3	27.8	29.3
90	0.32	0.29	0.26	0.24	0.22	0.20	0.18	0.17	0.16	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.16

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:LYJ
 Test Date:2022-05-04

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: cd

γ (DEG) \ C (DEG)	285	287.5	290	292.5	295	297.5	300	302.5	305	307.5	310	312.5	315	317.5	320	322.5	325	327.5	330
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353
5	1237	1238	1240	1242	1244	1247	1250	1253	1256	1259	1263	1267	1270	1274	1279	1283	1288	1292	1297
10	1118	1121	1126	1130	1135	1141	1147	1154	1161	1168	1175	1183	1192	1200	1209	1219	1228	1238	1248
15	997	1003	1010	1017	1026	1035	1045	1055	1066	1078	1090	1103	1116	1130	1145	1159	1174	1190	1205
20	875	884	894	904	916	929	943	958	974	991	1008	1026	1045	1064	1084	1105	1126	1147	1168
25	757	768	781	794	810	826	844	864	884	906	928	952	976	1001	1027	1053	1080	1107	1135
30	649	662	676	692	710	729	750	773	797	823	850	878	907	937	969	1001	1033	1066	1100
35	553	566	580	597	616	637	659	684	711	740	770	802	835	870	906	944	982	1020	1060
40	467	478	492	508	526	546	569	594	622	652	685	719	755	794	834	876	919	963	1008
45	389	399	410	423	438	456	477	501	527	557	589	623	661	702	746	791	839	888	938
50	322	328	336	345	356	370	387	406	428	454	483	514	550	591	636	684	734	787	842
55	267	270	273	279	286	294	305	318	334	352	374	400	430	467	508	554	603	657	713
60	226	226	227	228	231	235	241	247	254	265	279	296	317	345	377	415	457	504	557
65	188	188	188	188	190	191	194	195	198	202	209	218	231	245	264	288	317	353	394
70	141	141	143	145	147	150	152	153	155	157	160	165	171	175	182	192	207	227	254
75	113	111	109	108	107	107	107	108	110	113	116	120	124	125	127	130	137	146	158
80	73.8	72.1	70.2	68.4	66.7	65.1	63.9	64.0	64.5	65.3	66.3	67.4	68.6	67.0	65.9	65.5	66.5	69.2	73.9
85	30.5	30.2	29.7	28.9	28.0	27.0	26.0	25.2	24.5	23.9	23.4	22.9	22.6	21.8	21.3	21.0	21.3	22.1	23.6
90	0.17	0.18	0.20	0.22	0.24	0.26	0.29	0.32	0.35	0.39	0.42	0.45	0.49	0.52	0.55	0.58	0.60	0.62	0.64

C Range: 0 - 360DEG	γ Range: 0 - 90DEG
C Interval: 2.5DEG	γ Interval: 0.5DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Temperature:25.3°C	Humidity:65.0%
Operators:LYJ	Test Distance:26.000m [K=0.0446]
Test Date:2022-05-04	Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--8

UNIT: cd

γ (DEG) \ C (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353	1353								
5	1302	1307	1311	1317	1322	1327	1332	1337	1342	1348	1353								
10	1258	1268	1278	1289	1299	1310	1320	1331	1342	1352	1363								
15	1221	1237	1253	1269	1286	1302	1318	1334	1349	1365	1381								
20	1190	1212	1234	1256	1278	1300	1322	1343	1364	1385	1406								
25	1163	1190	1218	1246	1274	1302	1329	1355	1382	1408	1433								
30	1133	1167	1201	1235	1269	1303	1335	1367	1399	1430	1461								
35	1099	1139	1179	1220	1260	1300	1338	1376	1414	1451	1488								
40	1054	1100	1146	1193	1240	1286	1332	1377	1421	1466	1510								
45	989	1041	1094	1147	1200	1254	1306	1359	1411	1463	1515								
50	898	957	1016	1077	1138	1200	1260	1321	1381	1442	1502								
55	775	839	906	975	1046	1118	1188	1259	1330	1402	1475								
60	619	686	758	834	913	995	1077	1161	1247	1336	1427								
65	449	510	578	652	733	820	911	1007	1109	1217	1330								
70	290	334	385	445	513	591	679	777	884	1000	1125								
75	176	199	227	261	302	349	408	475	549	631	721								
80	84.4	97.4	113	130	149	171	193	217	243	270	299								
85	27.5	32.1	37.1	42.3	47.5	52.6	56.3	59.7	62.7	65.3	67.6								
90	0.65	0.66	0.66	0.65	0.64	0.63	0.60	0.57	0.53	0.48	0.43								

C Range: 0 - 360DEG γ Range: 0 - 90DEG
 C Interval: 2.5DEG γ Interval: 0.5DEG
 Test Speed: HIGH Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Temperature:25.3°C Humidity:65.0%
 Operators:LYJ Test Distance:26.000m [K=0.0446]
 Test Date:2022-05-04 Remarks: