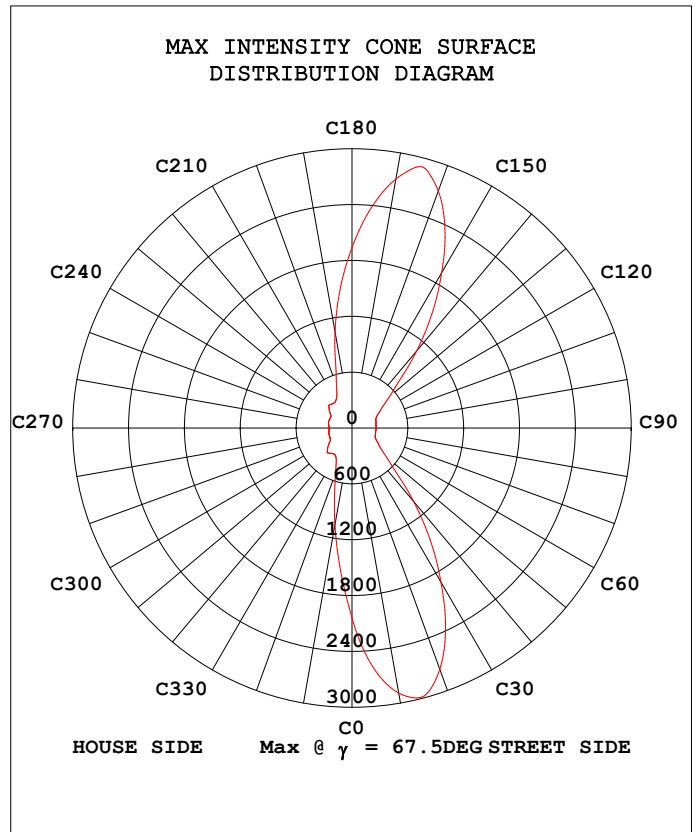
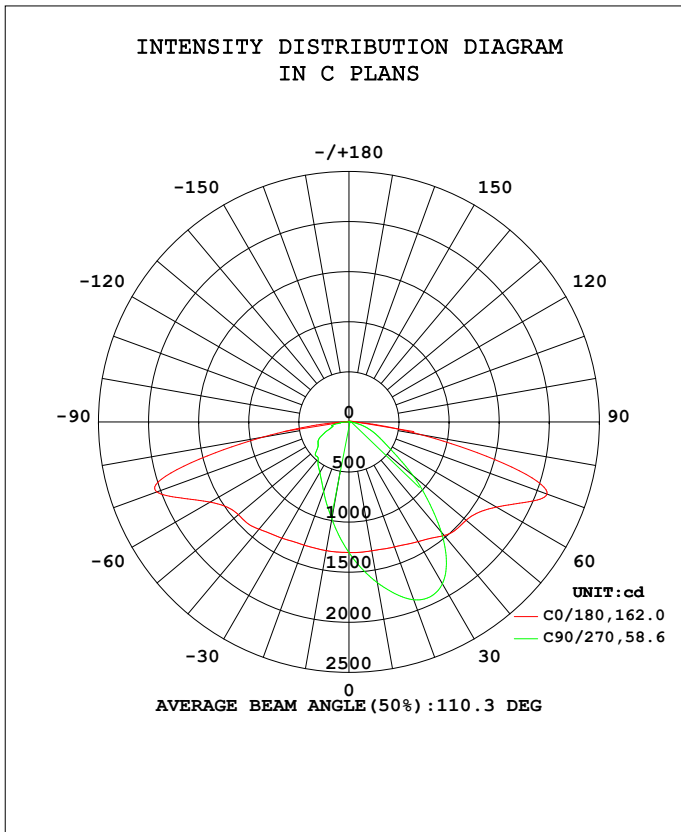


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:5530.88x1 lm		
NAME: ST10-040-UD-5070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

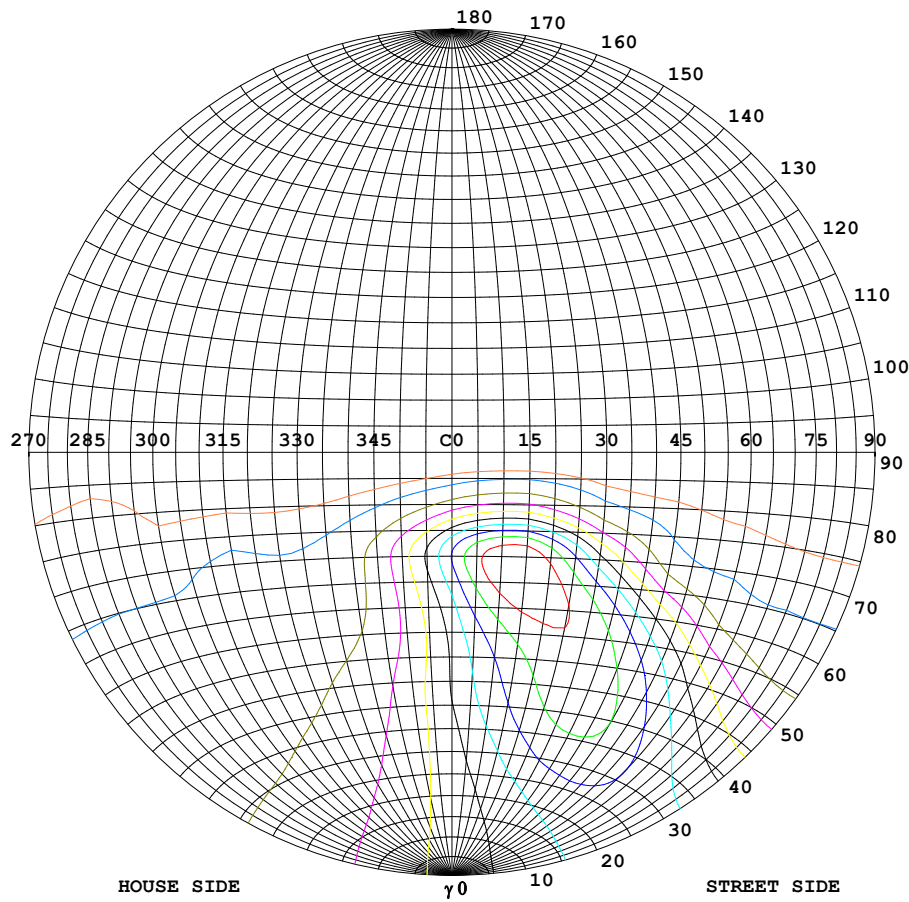
DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.27 lm/W			
MODEL	/	I _{max} (cd)	2982	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	71.3
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	5531	η house_up (%)	0.0
NOMINAL FLUX (lm)	5530.88	MAXIMUM @ (C, γ)	15,67.5	η house_down (%)	28.7
LAMPS INSIDE	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:

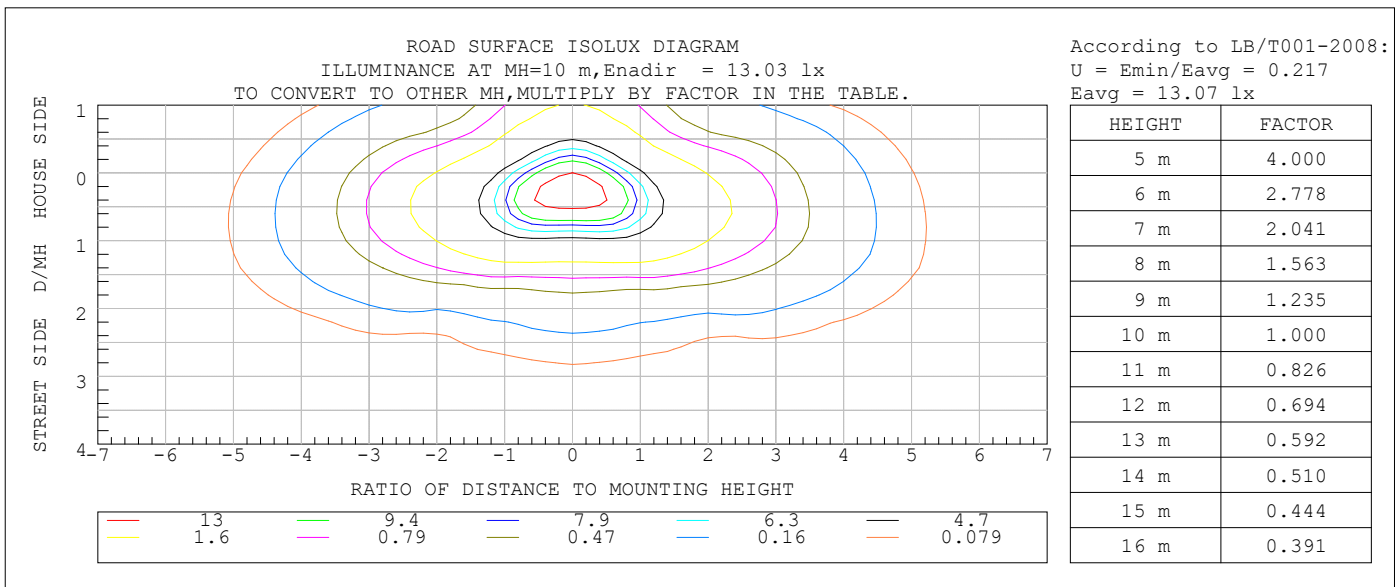
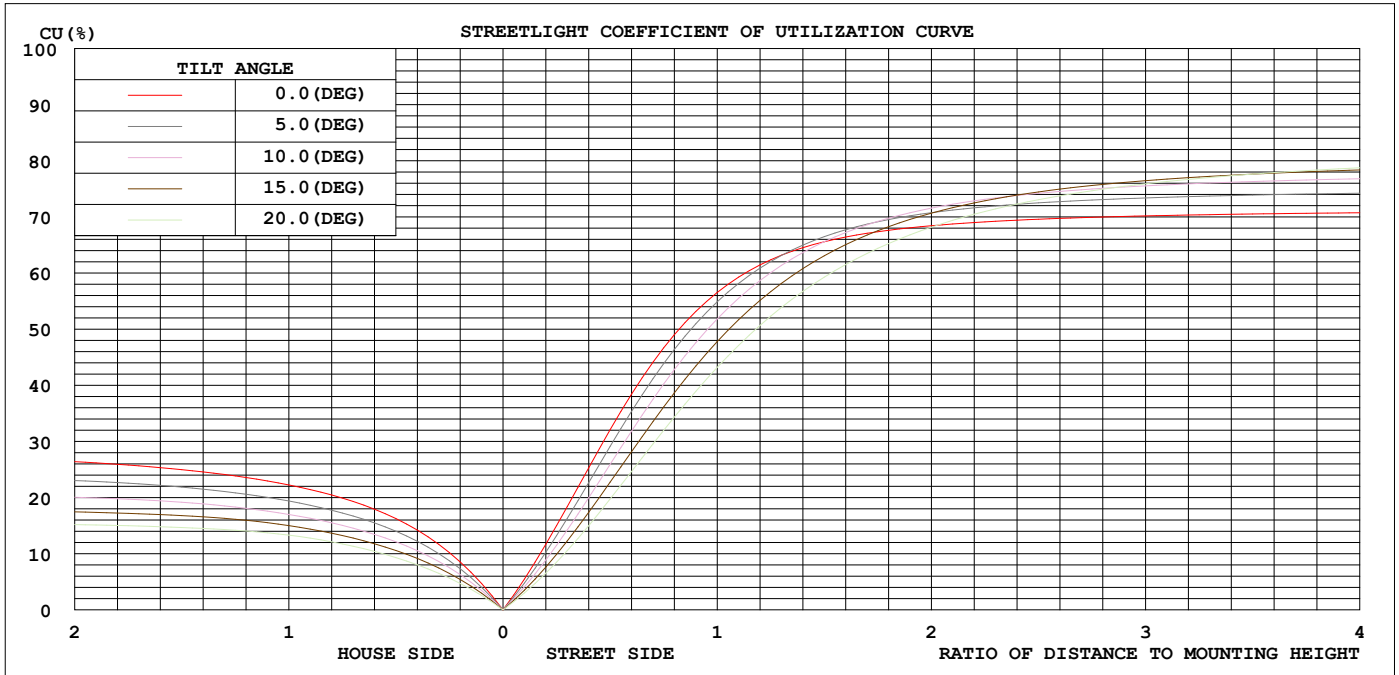
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:202.3cd/klm
 Max.At90:0.1635cd/klm
 Max.80-90:202.3cd/klm
 NRB 5101:Semi limited[16.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2982
90%	2684
80%	2386
70%	2088
60%	1789
50%	1491
40%	1193
30%	895
20%	596
10%	298
5%	149

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

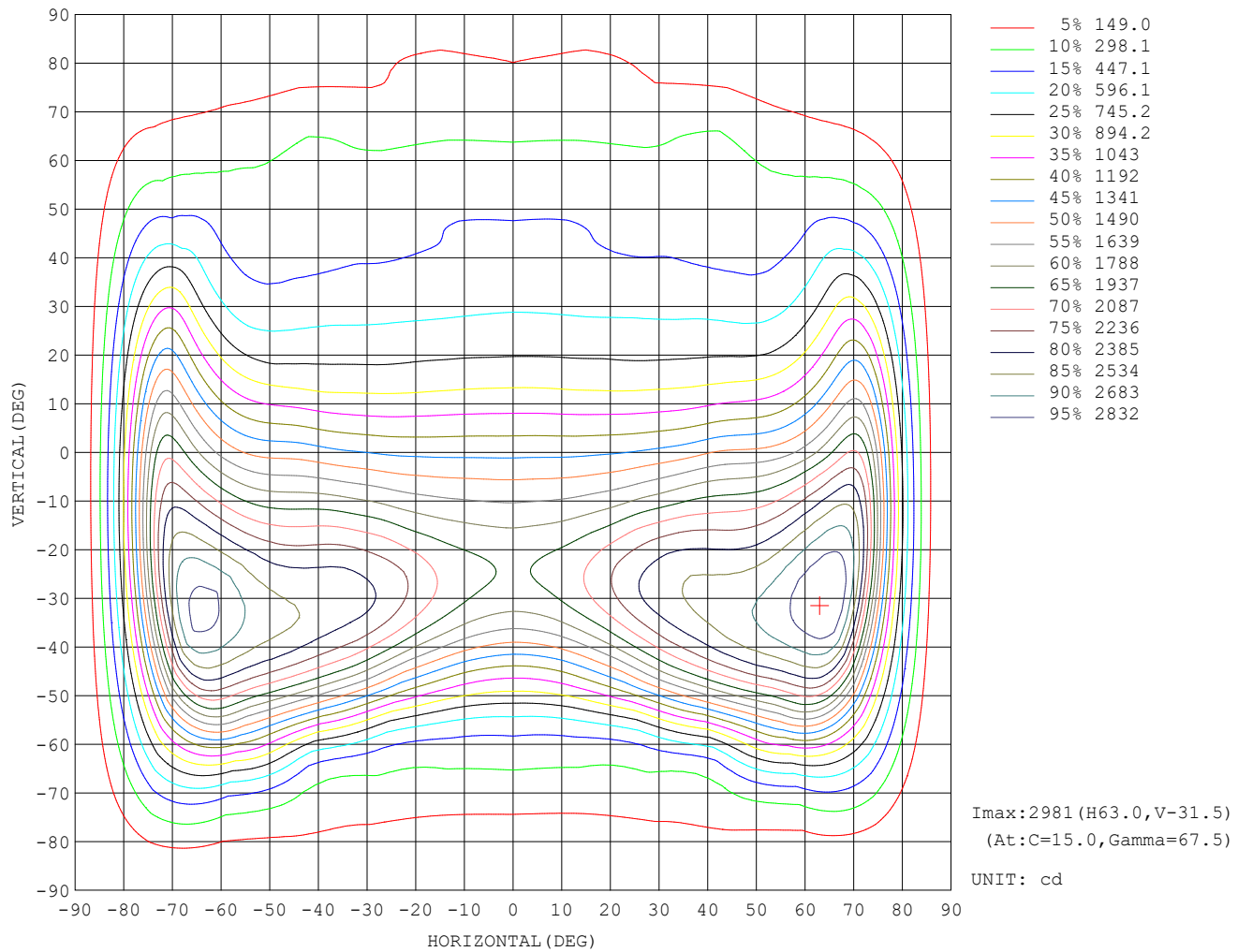
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1306	1547	1628	1546	1305	1068	983.2	1070	0- 10	124.6	124.6	2.25,2.25
20	1327	1837	1889	1812	1309	849.3	738.6	852.9	10- 20	373.1	497.8	9,9
30	1380	2203	1865	2145	1339	674.7	582.7	686.5	20- 30	621.6	1119	20.2,20.2
40	1479	2384	1433	2360	1397	537.1	478.4	552.8	30- 40	845.4	1965	35.5,35.5
50	1527	2186	838.8	2179	1441	433.8	411.4	445.7	40- 50	969.5	2934	53.1,53.1
60	1700	1487	402.3	1492	1601	362.7	349.2	383.8	50- 60	969.3	3904	70.6,70.6
70	2104	472.3	219.7	520.7	2041	325.8	203.1	343.8	60- 70	897.5	4801	86.8,86.8
80	725.1	177.9	72.34	198.1	868.0	136.6	150.5	135.4	70- 80	600.4	5401	97.7,97.7
90	0.3971	0.1264	0.1081	0.1705	0.8965	0.4108	0.1803	0.3324	80- 90	129.4	5531	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:

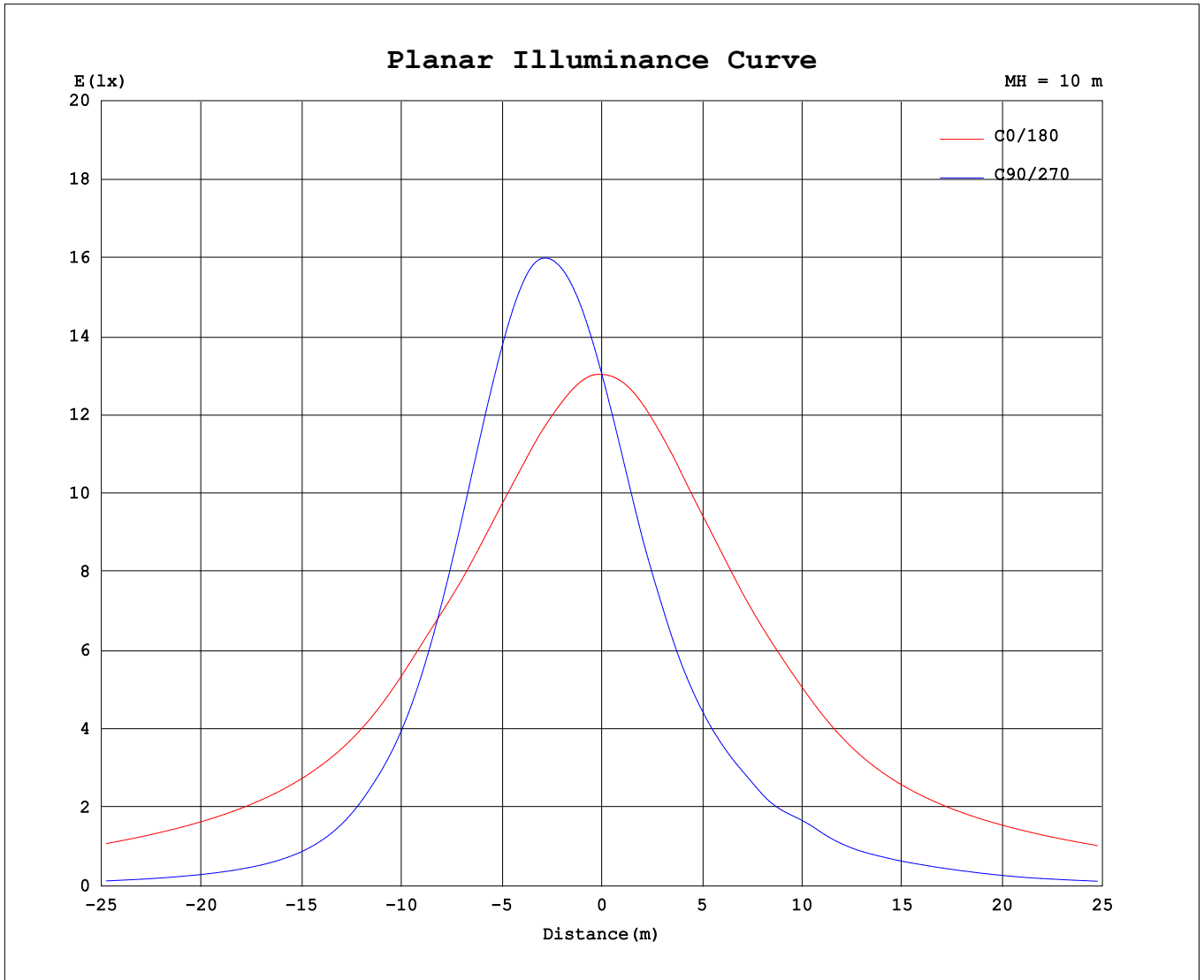
ISOCANDELA DIAGRAM



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

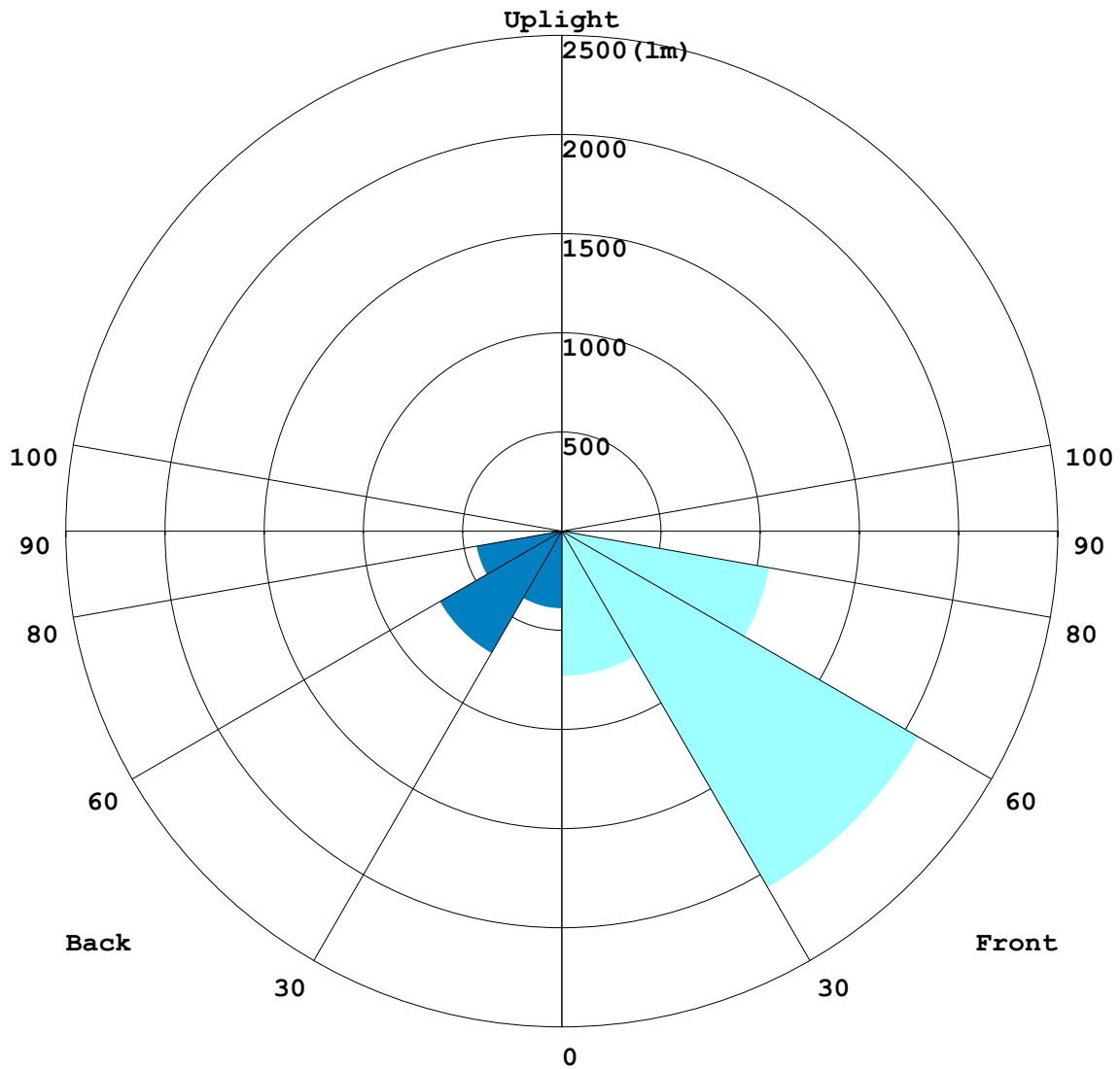
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

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:5530.88x1 lm		
NAME: ST10-040-UD-5070-A08802	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:5530.88x1 lm		
NAME: ST10-040-UD-5070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	730.21	13.2
FM - Front-Medium(30-60)	2074.4	37.5
FH - Front-High(60-80)	1061.7	19.2
FVH - Front-Very High(80-90)	76.985	1.4
Total Forward Light	3943.3	71.3

BL - Back-Low(0-30)	389.18	7.0
BM - Back-Medium(30-60)	709.72	12.8
BH - Back-High(60-80)	436.22	7.9
BVH - Back-Very High(80-90)	52.428	0.9
Total Back Light	1587.5	28.7

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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1587.5	0	1587.5
Street Side	3943.3	0	3943.3

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

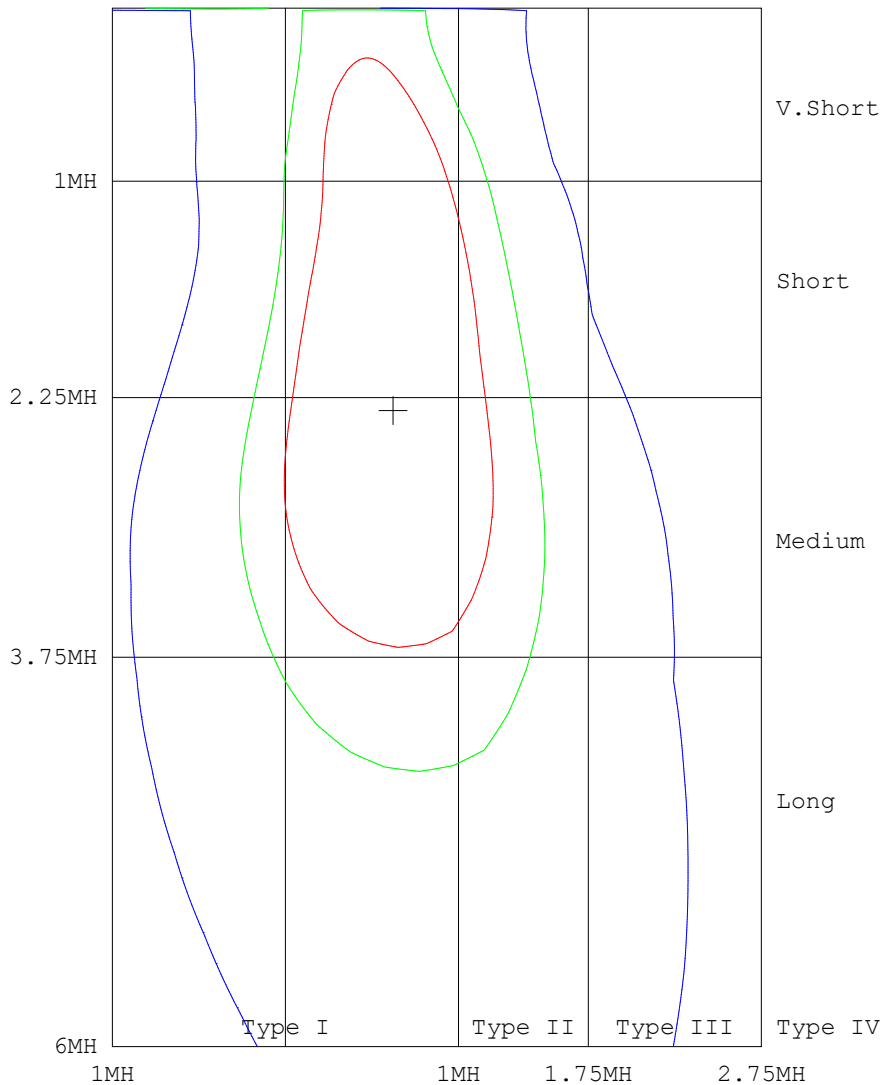
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

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:5530.88x1 lm		
NAME: ST10-040-UD-5070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	Road	Range: 590.42 - 90DEG
C Interval: 2.5DEG	70% 2087.5	50% 1491	2.5% 74.552
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

C (DEG) γ (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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1306	1314	1321	1328	1336	1343	1350	1357	1364	1371	1377	1384	1390	1396	1402	1408	1414	1419	1425
10	1306	1322	1337	1352	1367	1382	1397	1411	1426	1440	1453	1467	1480	1492	1504	1515	1527	1537	1547
15	1313	1339	1363	1388	1411	1435	1457	1480	1503	1524	1545	1565	1585	1603	1620	1636	1652	1666	1680
20	1327	1364	1400	1435	1469	1503	1536	1569	1600	1631	1661	1689	1716	1741	1763	1784	1804	1821	1837
25	1349	1400	1451	1500	1548	1594	1640	1686	1731	1774	1814	1852	1887	1917	1945	1968	1989	2005	2018
30	1380	1450	1518	1585	1650	1713	1774	1839	1901	1959	2014	2063	2107	2139	2164	2183	2196	2203	2203
35	1418	1511	1601	1687	1769	1848	1924	2002	2076	2144	2205	2259	2305	2334	2353	2363	2364	2356	2339
40	1479	1590	1696	1797	1892	1982	2067	2154	2235	2307	2371	2424	2465	2481	2485	2477	2457	2426	2384
45	1516	1645	1766	1880	1986	2085	2175	2267	2350	2422	2482	2527	2557	2555	2538	2505	2458	2399	2329
50	1527	1686	1832	1966	2087	2196	2293	2384	2462	2524	2571	2599	2608	2578	2529	2464	2384	2291	2186
55	1577	1778	1958	2118	2257	2375	2472	2552	2611	2647	2662	2654	2623	2546	2449	2335	2207	2067	1920
60	1700	1956	2178	2365	2519	2638	2723	2762	2770	2747	2695	2617	2514	2373	2213	2040	1859	1673	1487
65	1909	2206	2454	2651	2798	2896	2943	2905	2823	2702	2551	2373	2176	1968	1752	1534	1319	1113	922
70	2104	2385	2608	2772	2877	2924	2913	2781	2600	2383	2138	1877	1610	1388	1174	972	786	618	472
75	1599	1794	1944	2047	2105	2116	2082	1942	1766	1564	1347	1125	908	766	640	528	432	351	284
80	725	811	875	918	941	942	922	851	764	666	563	460	362	312	272	239	213	193	178
85	201	231	255	271	281	283	278	255	226	194	161	128	96.6	83.5	73.9	67.1	62.6	59.9	58.5
90	0.40	0.39	0.38	0.37	0.35	0.34	0.32	0.29	0.27	0.24	0.22	0.19	0.17	0.16	0.15	0.14	0.13	0.13	0.13

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--2

UNIT: cd

C (DEG) \ γ (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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1430	1434	1439	1443	1446	1450	1453	1456	1459	1461	1463	1465	1466	1467	1468	1469	1469	1469	1469
10	1556	1565	1574	1581	1589	1595	1601	1607	1611	1616	1619	1622	1625	1626	1627	1628	1628	1628	1628
15	1692	1703	1714	1723	1732	1740	1747	1753	1759	1763	1767	1771	1773	1774	1775	1775	1775	1774	1774
20	1849	1859	1868	1875	1881	1886	1890	1894	1896	1898	1899	1899	1898	1896	1894	1892	1890	1889	1890
25	2024	2027	2027	2024	2019	2013	2005	1996	1987	1977	1967	1957	1949	1941	1935	1930	1926	1924	1926
30	2193	2179	2159	2137	2111	2084	2057	2030	2003	1976	1951	1928	1910	1895	1882	1873	1867	1865	1869
35	2307	2267	2222	2173	2121	2067	2017	1969	1921	1876	1834	1796	1766	1741	1722	1707	1699	1696	1702
40	2324	2256	2181	2102	2022	1941	1869	1799	1733	1672	1615	1565	1524	1491	1465	1447	1436	1433	1441
45	2240	2143	2041	1935	1829	1724	1634	1547	1467	1393	1326	1267	1221	1185	1157	1137	1127	1124	1130
50	2066	1940	1810	1680	1552	1430	1332	1242	1160	1087	1023	968	925	891	866	849	840	839	842
55	1771	1619	1469	1324	1185	1056	959	874	801	738	686	644	613	590	574	566	564	567	566
60	1322	1165	1017	880	756	647	579	526	486	458	439	427	413	404	399	397	399	402	400
65	791	679	585	507	444	395	359	335	319	310	307	308	303	300	299	300	301	303	302
70	395	340	304	284	274	272	256	243	234	227	223	220	218	217	216	217	218	220	219
75	244	217	201	192	190	190	180	171	163	156	150	146	143	141	140	139	139	140	140
80	161	148	137	128	121	115	107	100	94.5	89.3	84.8	81.1	78.0	75.6	73.9	72.8	72.3	72.3	72.7
85	55.3	52.6	50.3	48.3	46.4	44.5	41.1	37.6	34.2	31.0	27.9	25.2	23.7	22.6	21.8	21.4	21.4	21.7	21.9
90	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11

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--3

UNIT: cd

γ (DEG) \ C (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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1469	1468	1467	1466	1464	1462	1460	1457	1454	1451	1448	1444	1440	1436	1432	1427	1422	1417	1412
10	1627	1626	1624	1622	1620	1617	1613	1609	1604	1599	1593	1586	1579	1572	1564	1555	1546	1536	1525
15	1773	1772	1771	1769	1766	1763	1759	1754	1749	1743	1736	1728	1719	1709	1699	1687	1674	1660	1646
20	1891	1892	1893	1894	1895	1894	1892	1890	1886	1882	1876	1869	1860	1850	1839	1826	1812	1796	1778
25	1930	1936	1942	1949	1956	1964	1971	1978	1984	1990	1994	1996	1996	1994	1990	1983	1973	1957	1938
30	1876	1887	1900	1915	1933	1954	1976	1998	2021	2043	2065	2086	2105	2121	2133	2141	2145	2137	2124
35	1715	1732	1755	1782	1813	1850	1891	1933	1977	2021	2066	2113	2158	2200	2237	2267	2291	2296	2293
40	1457	1480	1510	1546	1590	1642	1699	1761	1826	1894	1963	2039	2113	2185	2251	2310	2360	2387	2402
45	1144	1167	1198	1237	1285	1345	1413	1488	1569	1654	1744	1848	1953	2056	2154	2245	2326	2381	2423
50	853	872	899	934	978	1033	1096	1168	1249	1337	1434	1557	1684	1814	1941	2064	2179	2270	2349
55	570	580	597	621	654	697	750	813	887	971	1066	1193	1330	1472	1617	1763	1905	2041	2168
60	399	402	408	419	434	449	471	502	544	599	669	777	900	1035	1180	1333	1492	1666	1840
65	301	302	304	308	314	314	319	330	348	375	413	470	539	623	722	837	969	1154	1350
70	219	219	220	223	226	229	233	241	251	265	284	291	307	335	377	438	521	670	841
75	141	142	144	147	150	155	161	168	177	187	198	198	202	213	233	264	310	390	486
80	73.7	75.2	77.5	80.4	84.1	88.3	93.4	99.3	106	114	123	129	137	147	160	177	198	221	251
85	22.5	23.4	24.7	26.4	28.7	32.1	36.0	40.2	44.6	49.2	53.7	56.3	59.1	62.3	66.1	70.7	76.3	81.3	88.0
90	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.16	0.17	0.18	0.20

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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1406	1400	1394	1388	1382	1375	1368	1361	1354	1347	1340	1333	1325	1318	1311	1304	1296	1289	1282
10	1514	1503	1491	1479	1466	1452	1438	1424	1410	1395	1380	1365	1350	1335	1320	1305	1290	1275	1260
15	1630	1613	1595	1576	1557	1536	1515	1493	1470	1447	1424	1400	1376	1352	1328	1304	1281	1257	1234
20	1758	1737	1715	1691	1665	1637	1608	1577	1546	1514	1480	1446	1412	1378	1343	1309	1275	1241	1208
25	1916	1891	1863	1832	1799	1763	1725	1685	1643	1599	1553	1507	1459	1412	1364	1317	1271	1226	1182
30	2106	2082	2053	2019	1978	1932	1883	1829	1773	1714	1653	1591	1528	1464	1402	1339	1279	1220	1163
35	2281	2261	2233	2198	2152	2099	2040	1976	1907	1834	1758	1680	1600	1520	1440	1362	1287	1214	1143
40	2407	2400	2383	2355	2310	2256	2193	2121	2044	1960	1871	1779	1684	1588	1492	1397	1305	1215	1128
45	2451	2466	2467	2453	2416	2365	2303	2230	2147	2057	1961	1860	1755	1648	1540	1432	1323	1217	1114
50	2414	2464	2498	2514	2496	2461	2409	2342	2262	2169	2062	1946	1824	1698	1569	1441	1316	1194	1077
55	2284	2386	2470	2535	2557	2557	2535	2492	2430	2347	2229	2095	1951	1798	1641	1483	1336	1193	1056
60	2009	2168	2314	2442	2533	2602	2644	2660	2646	2602	2481	2335	2168	1986	1795	1601	1424	1252	1087
65	1554	1760	1962	2155	2338	2501	2639	2747	2817	2845	2748	2610	2440	2245	2032	1810	1601	1393	1190
70	1029	1230	1441	1658	1912	2159	2388	2590	2754	2872	2834	2746	2616	2450	2256	2041	1809	1570	1329
75	597	724	866	1022	1250	1482	1707	1914	2094	2236	2239	2198	2119	2007	1868	1707	1517	1316	1111
80	287	331	385	449	566	689	812	927	1029	1113	1119	1103	1067	1014	947	868	776	678	577
85	97.2	109	125	145	187	231	275	317	354	384	383	374	358	337	310	281	250	219	188
90	0.21	0.23	0.26	0.29	0.34	0.39	0.44	0.49	0.55	0.61	0.67	0.72	0.78	0.82	0.86	0.90	0.90	0.90	0.90

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

γ (DEG) \ C (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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1274	1267	1260	1253	1246	1240	1233	1227	1220	1214	1208	1202	1196	1191	1186	1181	1176	1172	1168
10	1245	1230	1216	1202	1188	1175	1161	1149	1136	1124	1112	1100	1089	1078	1068	1059	1050	1042	1035
15	1210	1188	1165	1144	1123	1103	1083	1064	1046	1029	1012	996	981	967	954	942	931	920	911
20	1175	1143	1112	1083	1055	1028	1002	978	955	934	915	896	879	864	849	836	825	814	804
25	1139	1097	1057	1021	986	954	923	895	869	846	825	806	788	772	758	744	731	719	708
30	1108	1056	1006	962	921	883	849	817	789	764	742	722	705	689	675	661	648	636	626
35	1076	1013	954	904	859	818	781	748	718	692	669	649	631	615	601	588	577	567	559
40	1046	968	897	842	794	751	714	682	654	627	603	583	565	550	537	526	518	510	505
45	1016	924	841	780	728	684	646	615	588	562	540	522	506	493	482	472	463	455	450
50	966	864	771	707	653	609	572	543	519	496	477	462	450	441	434	428	423	421	419
55	927	808	702	632	575	530	495	468	449	429	414	403	396	392	390	390	390	392	394
60	932	789	662	581	517	468	431	405	388	373	364	359	358	360	363	359	355	352	349
65	998	820	660	566	492	437	398	372	357	345	339	338	341	346	351	344	335	327	318
70	1095	875	676	566	481	418	374	346	330	317	312	312	316	321	326	312	296	280	263
75	910	719	545	453	383	332	296	274	261	248	240	236	236	237	239	228	217	205	194
80	479	385	299	254	219	193	176	164	157	148	142	139	137	136	137	132	128	124	122
85	157	128	102	89.1	79.2	72.1	67.6	65.0	63.8	61.2	59.5	58.7	58.7	59.6	61.3	63.9	67.2	71.1	75.5
90	0.88	0.87	0.85	0.83	0.81	0.79	0.77	0.74	0.71	0.66	0.61	0.56	0.51	0.46	0.41	0.38	0.36	0.35	0.33

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--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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303
5	1164	1161	1157	1154	1151	1149	1146	1144	1143	1142	1141	1140	1140	1140	1140	1141	1141	1142	1144
10	1028	1021	1015	1009	1004	999	995	991	988	986	985	984	983	983	983	984	986	988	990
15	902	895	887	881	875	870	866	862	859	856	855	853	853	853	853	855	856	859	861
20	795	787	779	772	765	759	753	748	745	742	740	739	738	739	739	740	742	745	748
25	698	689	682	675	669	663	659	655	653	651	649	649	648	649	649	650	651	653	656
30	617	609	603	598	593	590	587	585	584	583	582	582	582	583	583	583	584	585	586
35	552	546	541	538	535	534	533	532	532	532	533	533	534	535	535	535	535	535	535
40	500	496	492	488	485	483	481	479	478	478	477	478	478	478	478	478	479	479	481
45	446	443	443	444	447	449	453	457	460	463	466	469	471	473	472	471	470	468	466
50	418	419	419	420	421	421	422	423	421	419	417	415	413	411	413	414	417	419	422
55	396	398	394	390	385	380	376	372	372	372	373	374	376	377	376	375	375	375	375
60	347	345	345	346	347	349	350	352	351	351	350	350	349	349	351	353	355	357	359
65	310	302	300	298	298	297	297	297	293	290	286	283	281	279	280	282	285	288	292
70	247	232	227	224	222	221	221	221	217	213	210	207	205	203	204	206	208	211	215
75	183	173	169	166	164	163	163	163	163	164	164	165	166	166	166	165	165	164	164
80	122	124	136	149	164	177	189	199	194	186	176	167	158	151	158	167	176	186	194
85	80.3	85.6	93.0	100	107	113	118	121	116	110	103	96.4	90.1	85.0	89.3	94.9	101	107	113
90	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.22	0.21	0.20	0.19	0.18	0.18	0.19	0.19	0.20	0.21

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

Table with columns C (DEG) and gamma (DEG) and intensity values in cd. The table is 21 rows by 20 columns. The first row shows values for C (DEG) from 285 to 330. The first column shows values for gamma (DEG) from 0 to 90. Values decrease as the angle increases, with some decimal values at 90 degrees.

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

gamma Range: 0 - 90DEG
gamma 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--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	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303	1303								
5	1229	1236	1242	1249	1256	1263	1270	1277	1284	1291	1299								
10	1150	1162	1176	1189	1203	1217	1231	1246	1261	1276	1291								
15	1067	1086	1107	1128	1149	1172	1194	1217	1241	1264	1289								
20	986	1012	1038	1067	1096	1127	1158	1190	1223	1257	1292								
25	907	937	969	1004	1040	1079	1119	1161	1206	1251	1299								
30	835	868	904	944	987	1033	1083	1136	1192	1252	1314								
35	768	803	841	884	932	984	1044	1109	1179	1254	1334								
40	704	739	779	825	877	937	1008	1087	1174	1269	1370								
45	639	674	715	763	820	885	966	1057	1157	1267	1387								
50	566	598	637	685	743	813	902	1003	1116	1241	1378								
55	488	518	557	607	669	745	846	963	1094	1240	1402								
60	426	455	497	552	623	711	829	966	1122	1297	1489								
65	388	419	465	528	611	714	856	1020	1208	1419	1653								
70	348	382	434	505	599	718	881	1072	1289	1534	1806								
75	259	284	321	373	443	532	657	803	970	1159	1369								
80	147	159	177	201	232	271	325	387	459	539	628								
85	48.9	49.9	52.5	57.1	63.8	73.2	87.3	104	124	147	172								
90	0.64	0.69	0.72	0.75	0.77	0.78	0.75	0.71	0.66	0.59	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: