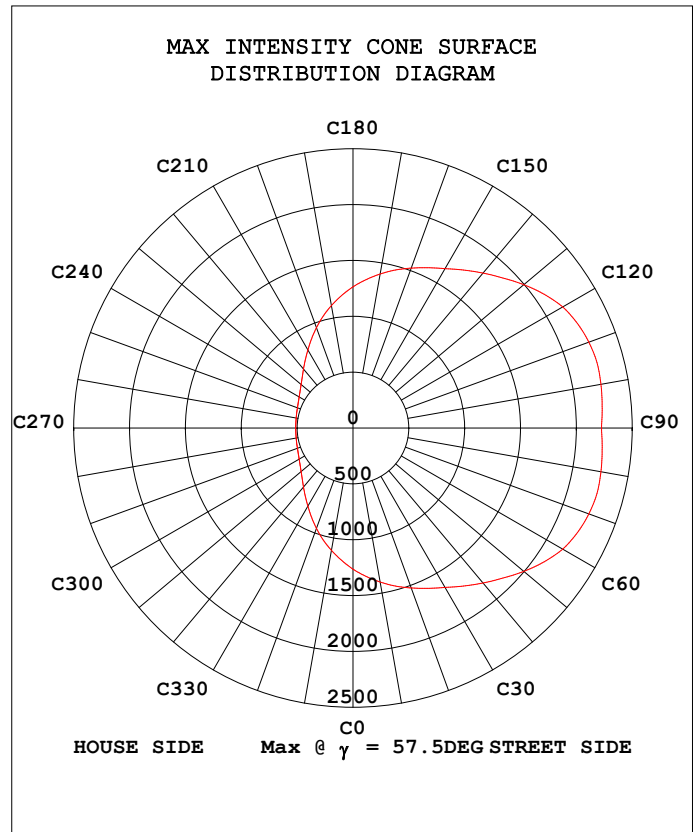
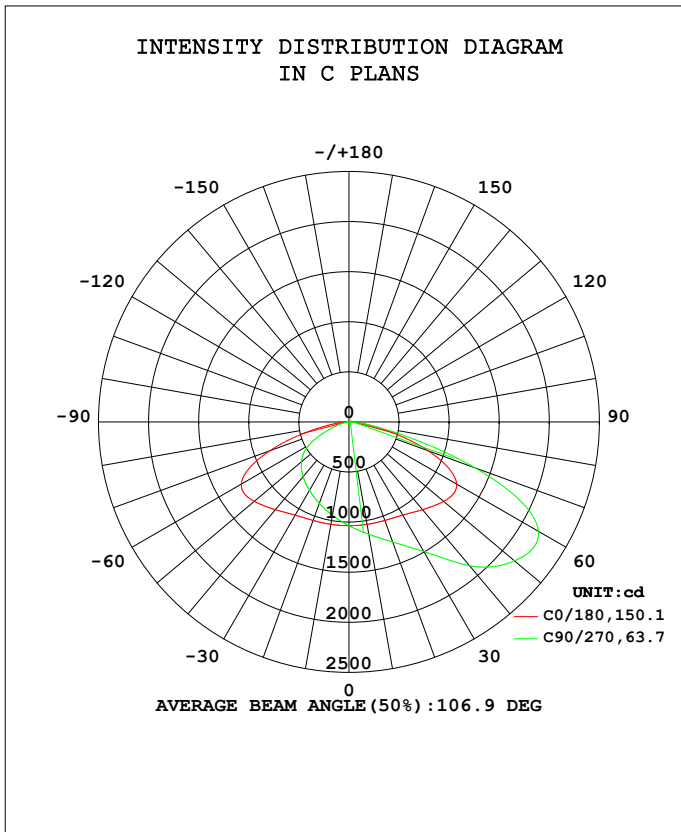


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:5548.62x1 lm		
NAME: ST10-040-UD-5070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

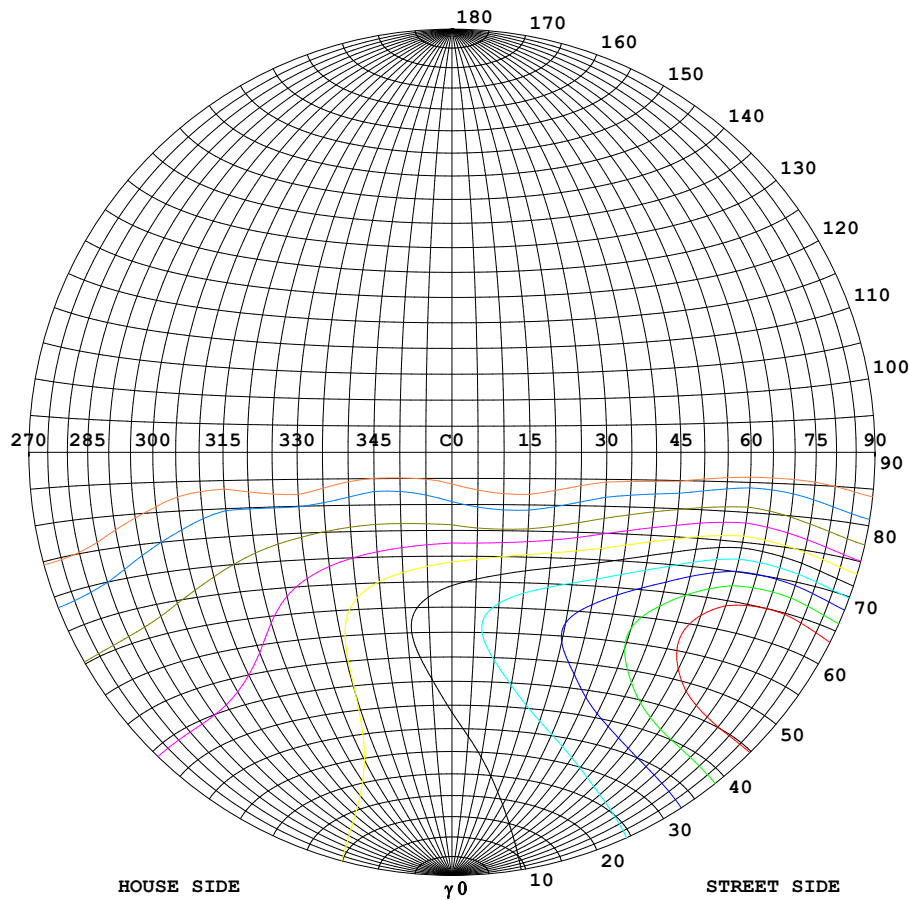
DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.72 lm/W			
MODEL	/	I _{max} (cd)	2262	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	67.2
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	5549	η house_up (%)	0.0
NOMINAL FLUX (lm)	5548.62	MAXIMUM @ (C, γ)	105,57.5	η house_down (%)	32.8
LAMPS INSIDE	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:

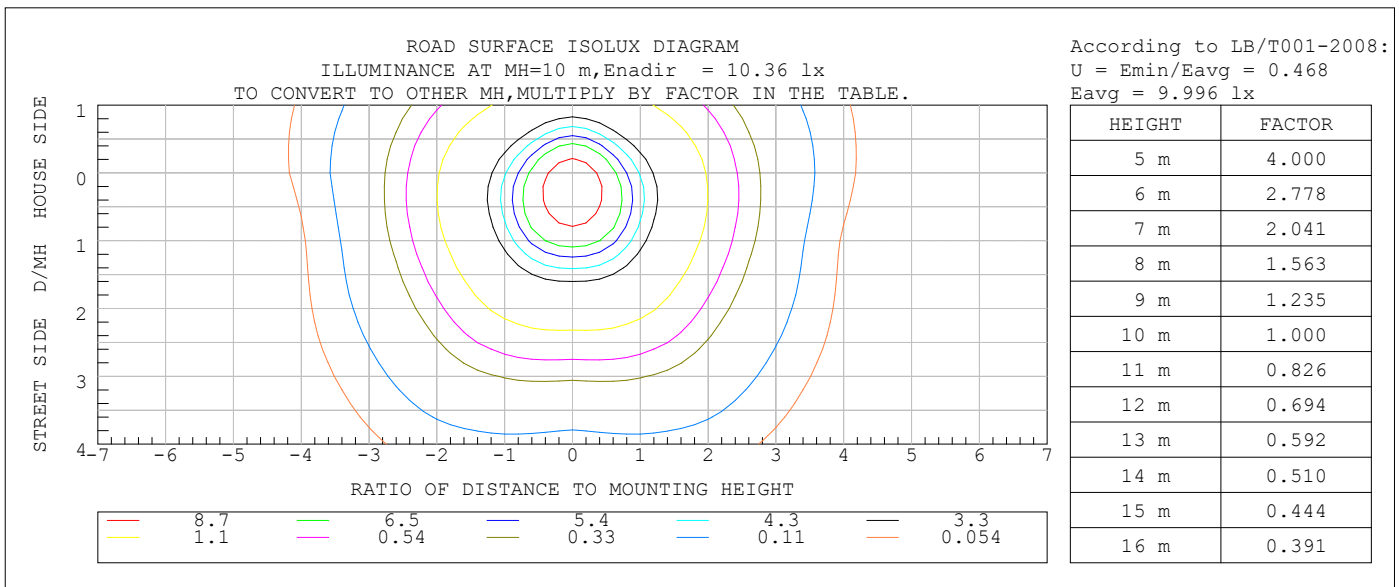
IES:Type IV - Very Short
 CIE:Broad - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:94.03cd/klm
 Max.At90:0.0956cd/klm
 Max.80-90:94.03cd/klm
 NRB 5101:Limited[9.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2262
90%	2036
80%	1809
70%	1583
60%	1357
50%	1131
40%	905
30%	679
20%	452
10%	226
5%	113

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

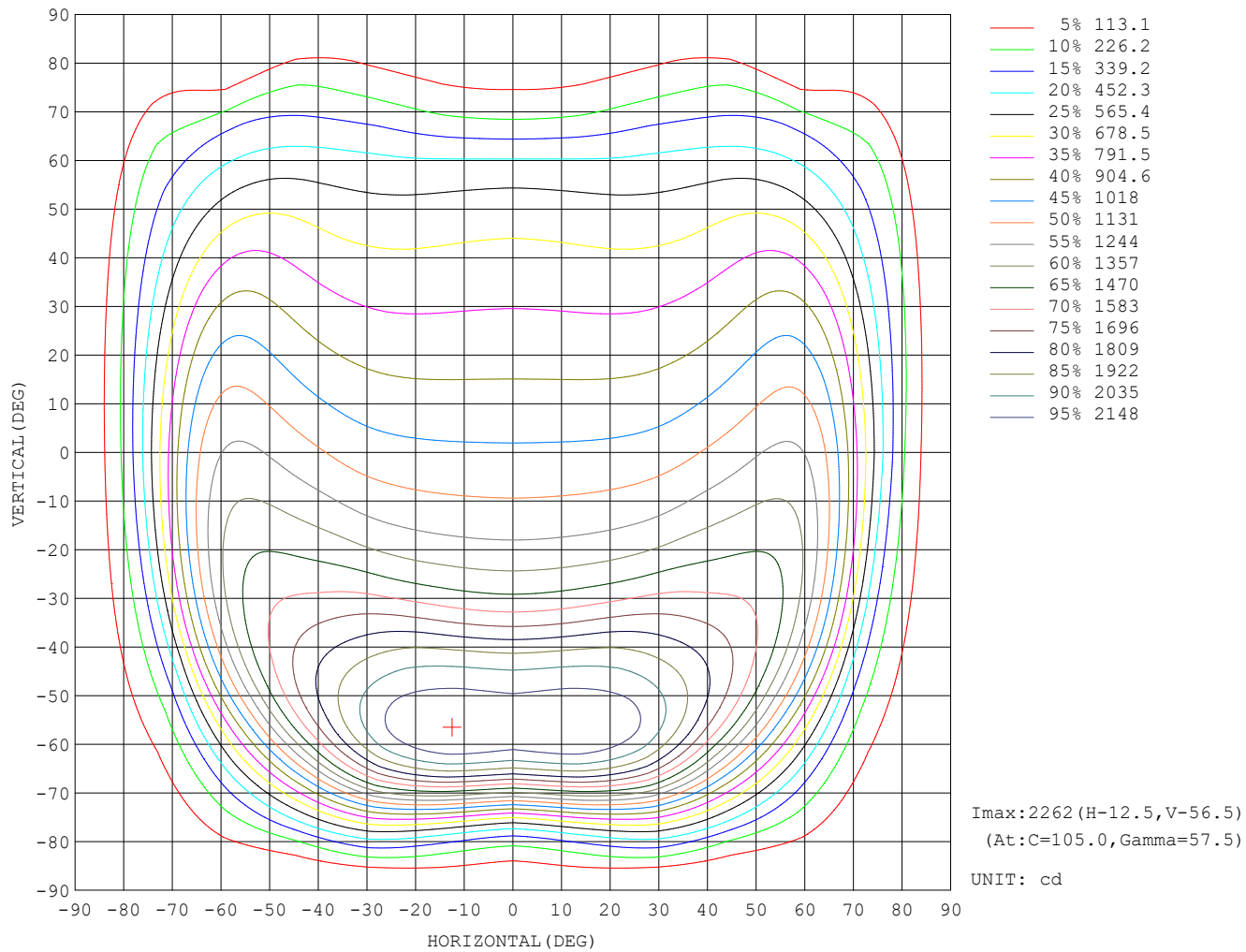
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1038	1108	1137	1108	1038	971.9	946.6	971.9	0- 10	99.06	99.06	1.79,1.79
20	1046	1206	1276	1206	1046	909.0	864.8	909.0	10- 20	297.2	396.2	7.14,7.14
30	1074	1360	1493	1360	1074	843.7	788.3	843.7	20- 30	499.7	895.9	16.1,16.1
40	1143	1617	1871	1617	1143	777.6	712.3	777.6	30- 40	725.4	1621	29.2,29.2
50	1234	1847	2157	1847	1234	707.4	619.7	707.4	40- 50	976.1	2597	46.8,46.8
60	1241	1870	2183	1870	1241	616.3	459.3	616.3	50- 60	1169	3767	67.9,67.9
70	838.5	1329	1339	1329	838.5	453.0	190.6	453.0	60- 70	1100	4867	87.7,87.7
80	248.5	441.2	268.7	441.2	248.5	216.5	51.11	216.5	70- 80	577.0	5444	98.1,98.1
90	0.3040	0.1764	0.1245	0.1764	0.3040	0.4959	0.4839	0.4959	80- 90	104.4	5549	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:

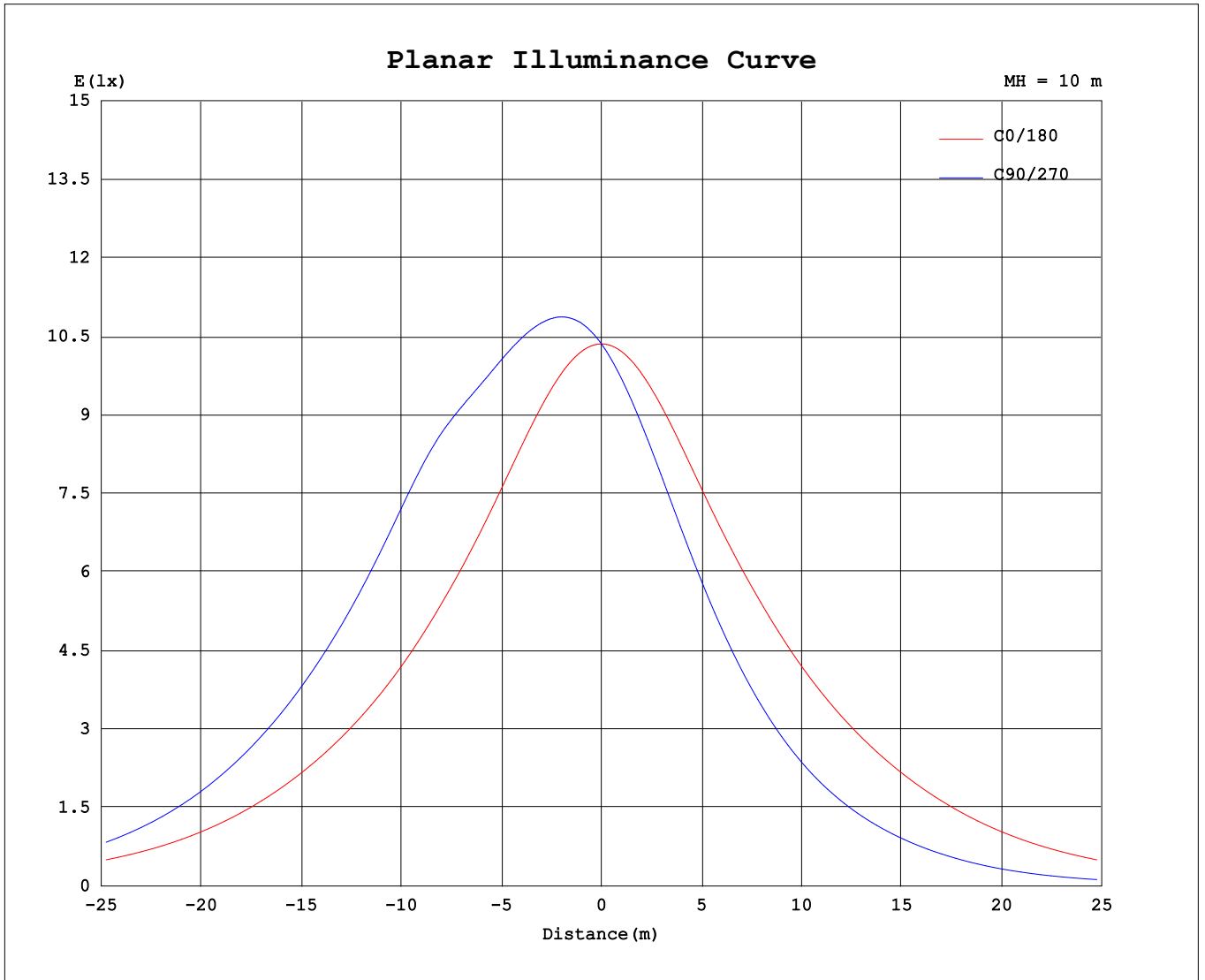
ISOCANDELA DIAGRAM



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

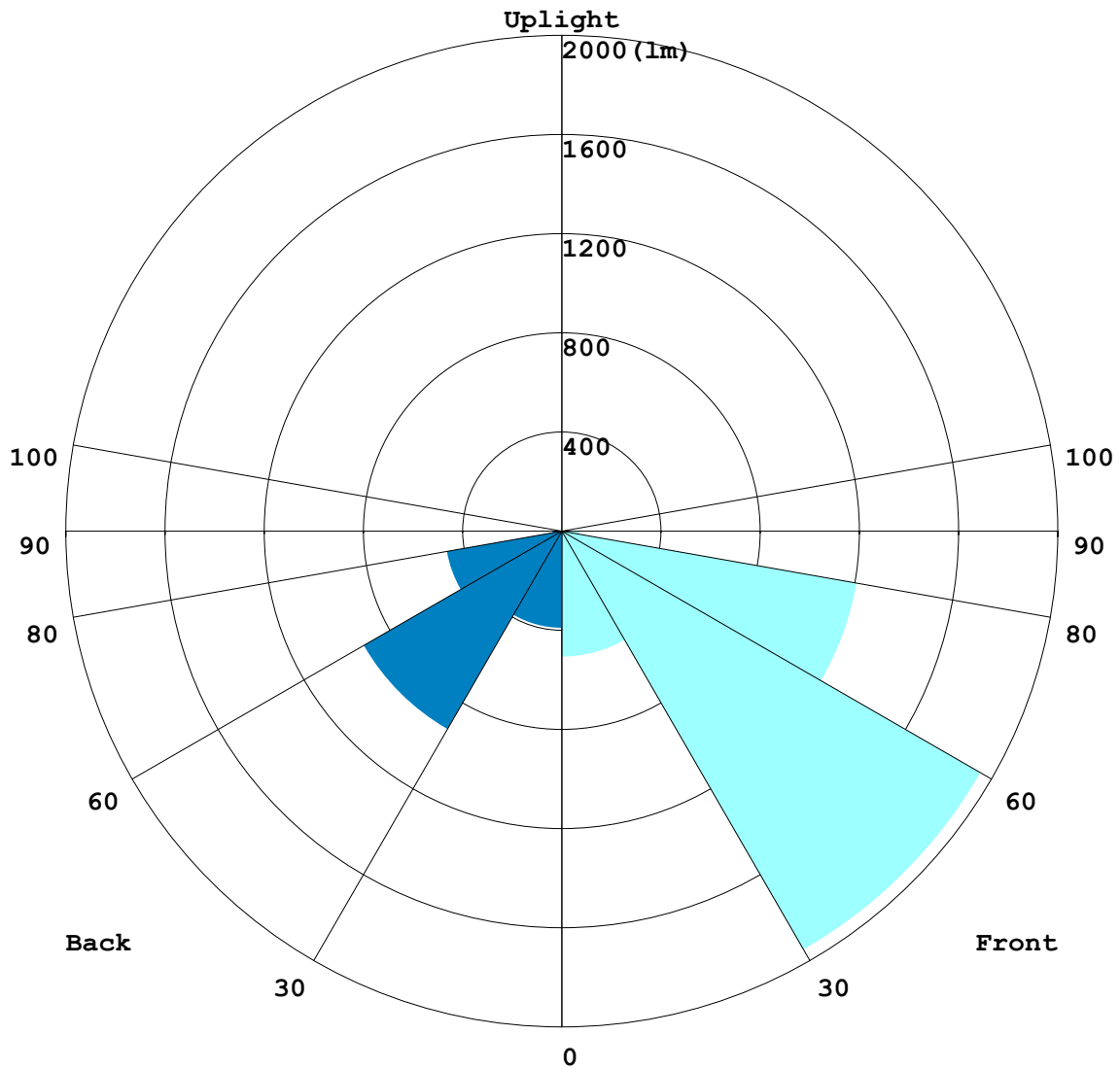
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

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:5548.62x1 lm		
NAME: ST10-040-UD-5070-A08804	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:5548.62x1 lm		
NAME: ST10-040-UD-5070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	505.89	9.1
FM - Front-Medium(30-60)	1948.8	35.1
FH - Front-High(60-80)	1206.7	21.7
FVH - Front-Very High(80-90)	67.334	1.2
Total Forward Light	3728.8	67.2

BL - Back-Low(0-30)	390.02	7.0
BM - Back-Medium(30-60)	922.17	16.6
BH - Back-High(60-80)	470.56	8.5
BVH - Back-Very High(80-90)	37.112	0.7
Total Back Light	1819.9	32.8

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	1819.9	0	1819.9
Street Side	3728.8	0	3728.8

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

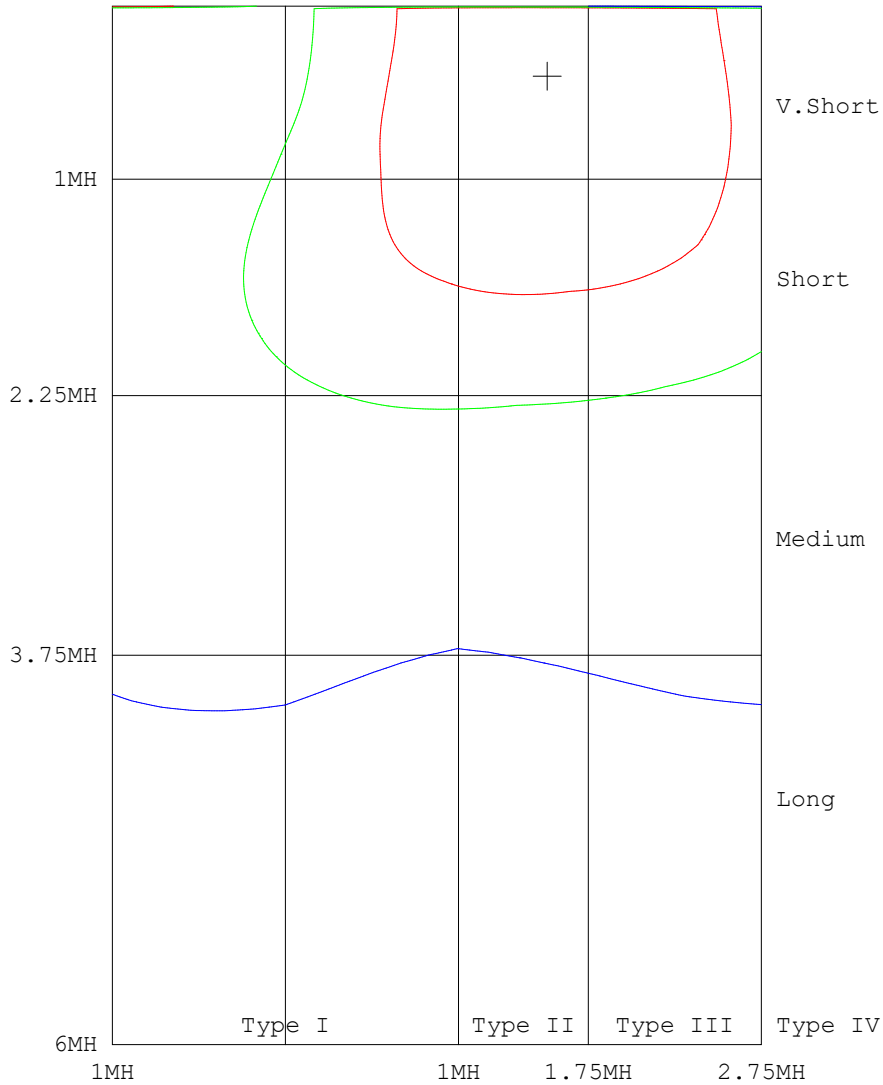
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

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:5548.62x1 lm		
NAME: ST10-040-UD-5070-A08804	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	70% 1583.2	Road	50% 1130.9	γ Range: 450.35 - 90DEG	2.5% 56.544
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--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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	1036	1038	1040	1042	1044	1046	1048	1050	1052	1054	1056	1058	1060	1062	1063	1065	1067	1068	1070
10	1038	1042	1046	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1094	1098	1101	1105	1108
15	1041	1048	1054	1061	1067	1074	1081	1087	1094	1100	1106	1113	1119	1125	1131	1136	1142	1147	1152
20	1046	1056	1065	1075	1084	1093	1103	1112	1121	1130	1140	1149	1157	1166	1174	1183	1191	1198	1206
25	1056	1069	1082	1094	1107	1119	1132	1144	1157	1169	1182	1194	1206	1218	1229	1241	1252	1263	1273
30	1074	1090	1107	1123	1139	1155	1172	1188	1204	1221	1237	1253	1269	1285	1300	1316	1331	1346	1360
35	1104	1124	1145	1166	1187	1207	1228	1249	1269	1290	1311	1331	1352	1373	1393	1414	1434	1455	1474
40	1143	1169	1194	1220	1245	1271	1296	1322	1347	1373	1398	1424	1451	1478	1506	1534	1562	1590	1617
45	1188	1217	1246	1275	1304	1334	1363	1392	1421	1450	1479	1509	1540	1575	1610	1645	1681	1716	1752
50	1234	1266	1298	1330	1362	1394	1426	1456	1486	1517	1548	1580	1613	1650	1689	1728	1767	1807	1847
55	1265	1299	1333	1367	1400	1433	1466	1496	1526	1557	1588	1620	1653	1691	1731	1772	1814	1856	1899
60	1241	1275	1308	1341	1374	1406	1437	1466	1495	1523	1553	1584	1616	1655	1695	1737	1780	1825	1870
65	1102	1129	1157	1185	1213	1241	1269	1294	1321	1348	1376	1406	1438	1475	1515	1557	1600	1646	1692
70	838	853	868	885	902	921	941	960	981	1004	1028	1055	1084	1120	1159	1199	1241	1285	1329
75	520	500	485	477	474	477	486	507	532	561	594	629	665	699	732	766	799	832	864
80	249	224	205	192	183	181	183	196	213	234	258	283	310	333	356	378	400	421	441
85	82.0	68.0	56.7	48.1	42.3	39.2	39.0	45.3	53.7	63.6	74.3	85.0	95.3	98.1	100	102	104	106	109
90	0.30	0.28	0.26	0.24	0.23	0.22	0.21	0.20	0.20	0.20	0.20	0.21	0.21	0.20	0.20	0.19	0.19	0.18	0.18

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	1071	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1082	1083	1083	1083	1084	1084	1084	1084
10	1111	1114	1117	1119	1122	1124	1126	1128	1130	1132	1133	1134	1135	1136	1137	1137	1137	1137	1137
15	1157	1162	1167	1171	1175	1178	1182	1185	1188	1191	1193	1195	1196	1198	1199	1199	1200	1200	1200
20	1213	1220	1227	1233	1239	1245	1250	1254	1258	1262	1265	1268	1270	1272	1274	1275	1276	1276	1276
25	1284	1294	1303	1312	1320	1328	1335	1341	1347	1352	1356	1360	1363	1366	1368	1369	1370	1370	1370
30	1374	1388	1401	1414	1425	1436	1446	1454	1462	1469	1475	1480	1485	1488	1490	1492	1493	1493	1493
35	1494	1514	1532	1550	1567	1583	1597	1609	1620	1630	1639	1646	1652	1656	1660	1662	1664	1664	1664
40	1646	1673	1700	1725	1749	1771	1790	1806	1821	1833	1844	1853	1860	1865	1869	1871	1872	1871	1872
45	1787	1823	1856	1888	1918	1946	1967	1985	2001	2014	2025	2033	2039	2042	2043	2044	2043	2042	2043
50	1888	1928	1966	2003	2037	2068	2091	2111	2128	2141	2152	2160	2163	2164	2164	2162	2159	2157	2159
55	1945	1990	2034	2076	2115	2150	2176	2198	2216	2230	2240	2247	2247	2245	2241	2236	2230	2226	2230
60	1922	1974	2024	2072	2116	2156	2183	2204	2219	2231	2237	2240	2233	2224	2213	2202	2192	2183	2192
65	1747	1801	1854	1904	1950	1989	2010	2024	2032	2034	2031	2023	2004	1983	1961	1941	1923	1909	1923
70	1381	1431	1478	1522	1559	1588	1593	1589	1579	1562	1540	1515	1480	1445	1411	1381	1356	1339	1356
75	900	934	964	989	1008	1020	1009	990	965	936	903	868	829	791	756	726	702	686	702
80	463	482	498	511	519	522	507	488	465	440	412	384	358	333	311	292	278	269	278
85	119	129	140	150	159	166	165	161	156	149	141	133	122	112	103	94.5	87.8	83.4	87.8
90	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.13	0.12	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--3

UNIT: cd

C (DEG)\nγ (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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	1084	1083	1083	1083	1082	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1071	1070	1068	1067
10	1137	1137	1136	1135	1134	1133	1132	1130	1128	1126	1124	1122	1119	1117	1114	1111	1108	1105	1101
15	1199	1199	1198	1196	1195	1193	1191	1188	1185	1182	1178	1175	1171	1167	1162	1157	1152	1147	1142
20	1275	1274	1272	1270	1268	1265	1262	1258	1254	1250	1245	1239	1233	1227	1220	1213	1206	1198	1191
25	1369	1368	1366	1363	1360	1356	1352	1347	1341	1335	1328	1320	1312	1303	1294	1284	1273	1263	1252
30	1492	1490	1488	1485	1480	1475	1469	1462	1454	1446	1436	1425	1414	1401	1388	1374	1360	1346	1331
35	1662	1660	1656	1652	1646	1639	1630	1620	1609	1597	1583	1567	1550	1532	1514	1494	1474	1455	1434
40	1871	1869	1865	1860	1853	1844	1833	1821	1806	1790	1771	1749	1725	1700	1673	1646	1617	1590	1562
45	2044	2043	2042	2039	2033	2025	2014	2001	1985	1967	1946	1918	1888	1856	1823	1787	1752	1716	1681
50	2162	2164	2164	2163	2160	2152	2141	2128	2111	2091	2068	2037	2003	1966	1928	1888	1847	1807	1767
55	2236	2241	2245	2247	2247	2240	2230	2216	2198	2176	2150	2115	2076	2034	1990	1945	1899	1856	1814
60	2202	2213	2224	2233	2240	2237	2231	2219	2204	2183	2156	2116	2072	2024	1974	1922	1870	1825	1780
65	1941	1961	1983	2004	2023	2031	2034	2032	2024	2010	1989	1950	1904	1854	1801	1747	1692	1646	1600
70	1381	1411	1445	1480	1515	1540	1562	1579	1589	1593	1588	1559	1522	1478	1431	1381	1329	1285	1241
75	726	756	791	829	868	903	936	965	990	1009	1020	1008	989	964	934	900	864	832	799
80	292	311	333	358	384	412	440	465	488	507	522	519	511	498	482	463	441	421	400
85	94.5	103	112	122	133	141	149	156	161	165	166	159	150	140	129	119	109	106	104
90	0.13	0.13	0.13	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.19

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	1065	1063	1062	1060	1058	1056	1054	1052	1050	1048	1046	1044	1042	1040	1038	1036	1034	1032	1030
10	1098	1094	1091	1087	1083	1079	1075	1071	1067	1063	1059	1055	1051	1046	1042	1038	1034	1030	1025
15	1136	1131	1125	1119	1113	1106	1100	1094	1087	1081	1074	1067	1061	1054	1047	1041	1034	1028	1021
20	1183	1174	1166	1157	1149	1140	1130	1121	1112	1103	1093	1084	1074	1065	1056	1046	1037	1028	1019
25	1241	1229	1218	1206	1194	1182	1169	1157	1144	1132	1119	1106	1094	1081	1069	1056	1044	1032	1020
30	1316	1300	1285	1269	1253	1237	1221	1204	1188	1172	1155	1139	1122	1106	1090	1074	1058	1043	1027
35	1414	1393	1373	1352	1331	1311	1290	1269	1249	1228	1207	1186	1165	1145	1124	1104	1083	1063	1044
40	1534	1506	1478	1451	1424	1398	1373	1347	1322	1296	1271	1245	1219	1194	1169	1143	1118	1093	1069
45	1645	1610	1575	1540	1509	1479	1450	1421	1392	1363	1334	1304	1275	1246	1217	1188	1158	1128	1099
50	1728	1689	1650	1613	1580	1548	1517	1486	1456	1426	1394	1363	1331	1299	1266	1234	1200	1166	1132
55	1772	1731	1691	1653	1620	1588	1557	1526	1496	1466	1434	1401	1368	1334	1300	1265	1229	1192	1154
60	1737	1695	1655	1616	1584	1553	1523	1495	1466	1437	1406	1374	1342	1309	1275	1241	1205	1168	1131
65	1557	1515	1475	1438	1406	1376	1348	1321	1294	1269	1241	1214	1186	1158	1130	1102	1071	1041	1009
70	1199	1159	1120	1084	1055	1028	1004	981	960	941	922	905	888	871	855	838	821	802	783
75	766	732	699	665	629	594	561	532	507	486	484	487	493	501	511	520	521	521	519
80	378	356	333	310	283	258	234	213	196	183	186	193	204	217	232	249	264	279	292
85	102	100	98.1	95.3	85.0	74.3	63.6	53.7	45.3	39.0	42.2	47.6	54.8	63.3	72.5	82.0	91.3	100.0	107
90	0.19	0.20	0.20	0.21	0.21	0.20	0.20	0.20	0.20	0.21	0.22	0.23	0.25	0.27	0.29	0.30	0.32	0.33	0.35

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	1028	1026	1024	1022	1020	1018	1016	1015	1013	1011	1009	1008	1006	1005	1003	1002	1001	999	998
10	1021	1017	1013	1009	1005	1002	998	994	991	987	984	981	978	975	972	969	967	964	962
15	1015	1009	1003	997	991	985	979	974	969	963	958	954	949	945	941	937	933	930	927
20	1010	1002	993	985	977	969	961	953	946	939	933	926	920	914	909	904	899	895	891
25	1008	997	985	974	964	953	943	933	924	915	906	898	890	883	876	870	865	859	854
30	1012	997	982	968	954	941	928	915	903	892	881	871	861	852	844	836	829	823	818
35	1024	1005	986	968	950	933	916	900	885	871	857	844	832	821	811	802	794	787	780
40	1044	1020	997	974	951	930	909	888	869	851	834	819	804	790	778	767	757	749	742
45	1069	1040	1011	983	956	929	903	879	855	833	812	793	775	759	744	731	719	709	701
50	1098	1064	1030	996	963	931	900	869	841	814	790	766	745	725	707	692	678	666	656
55	1117	1079	1041	1003	965	927	891	856	822	791	763	736	710	687	666	648	632	618	606
60	1093	1054	1016	976	937	898	859	822	786	753	722	693	665	640	616	596	578	562	548
65	977	945	912	878	844	809	776	743	710	680	651	623	597	572	548	528	509	491	475
70	764	744	723	700	677	654	630	606	583	560	538	516	495	474	453	433	414	394	375
75	516	511	504	494	483	471	457	443	428	415	400	386	371	355	338	320	302	283	264
80	304	312	316	305	290	272	254	236	220	218	217	218	218	218	216	205	191	176	161
85	113	116	117	105	90.1	74.5	59.0	44.6	32.5	35.2	40.5	47.4	55.1	62.8	69.7	68.1	65.0	60.9	55.9
90	0.36	0.37	0.39	0.39	0.40	0.40	0.41	0.41	0.42	0.43	0.44	0.46	0.47	0.48	0.50	0.50	0.51	0.52	0.52

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	997	996	995	994	994	993	992	992	991	991	991	990	990	990	990	990	991	991	991
10	960	958	956	955	953	952	951	950	949	948	947	947	947	947	947	947	947	948	949
15	924	921	918	916	914	912	911	909	908	907	906	906	905	905	905	906	906	907	908
20	887	883	880	878	875	873	871	869	868	867	866	865	865	865	865	865	866	867	868
25	850	846	843	839	837	834	832	830	829	828	827	826	826	826	826	826	827	828	829
30	813	808	804	801	798	796	794	792	791	790	789	788	788	788	788	788	789	790	791
35	775	770	766	762	760	757	755	754	753	752	751	751	751	751	751	751	751	752	753
40	735	730	725	722	719	717	715	714	713	712	712	712	712	712	712	712	712	712	713
45	693	687	682	678	675	673	671	670	669	669	669	669	669	669	669	669	669	669	669
50	647	639	633	629	625	623	621	620	619	619	619	619	619	620	619	619	619	619	619
55	595	586	579	573	568	564	562	560	558	556	556	555	555	556	555	555	556	556	558
60	535	524	513	504	496	489	482	477	472	468	464	462	460	459	460	462	464	468	472
65	459	443	427	410	395	380	367	355	345	337	330	325	322	321	322	325	330	337	345
70	356	338	317	296	276	258	240	225	214	205	199	194	191	191	191	194	199	205	214
75	245	226	207	189	172	157	142	130	122	116	111	109	107	108	107	109	111	116	122
80	145	129	115	103	91.2	80.5	71.1	63.0	58.1	54.5	52.2	50.9	50.6	51.1	50.6	50.9	52.2	54.5	58.1
85	50.5	44.8	40.7	36.8	33.1	29.7	26.6	23.8	21.9	20.4	19.2	18.4	18.0	17.9	18.0	18.4	19.2	20.4	21.9
90	0.53	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.50	0.49	0.49	0.48	0.49	0.49	0.50	0.50	0.51

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036
5	992	992	993	994	994	995	996	997	998	999	1001	1002	1003	1005	1006	1008	1009	1011	1013
10	950	951	952	953	955	956	958	960	962	964	967	969	972	975	978	981	984	987	991
15	909	911	912	914	916	918	921	924	927	930	933	937	941	945	949	954	958	963	969
20	869	871	873	875	878	880	883	887	891	895	899	904	909	914	920	926	933	939	946
25	830	832	834	837	839	843	846	850	854	859	865	870	876	883	890	898	906	915	924
30	792	794	796	798	801	804	808	813	818	823	829	836	844	852	861	871	881	892	903
35	754	755	757	760	762	766	770	775	780	787	794	802	811	821	832	844	857	871	885
40	714	715	717	719	722	725	730	735	742	749	757	767	778	790	804	819	834	851	869
45	670	671	673	675	678	682	687	693	701	709	719	731	744	759	775	793	812	833	855
50	620	621	623	625	629	633	639	647	656	666	678	692	707	725	745	766	790	814	841
55	560	562	564	568	573	579	586	595	606	618	632	648	666	687	710	736	763	791	822
60	477	482	489	496	504	513	524	535	548	562	578	596	616	640	665	693	722	753	786
65	355	367	380	395	410	427	443	459	475	491	509	528	548	572	597	623	651	680	710
70	225	240	258	276	296	317	338	356	375	394	414	433	453	474	495	516	538	560	583
75	130	142	157	172	189	207	226	245	264	283	302	320	338	355	371	386	400	415	428
80	63.0	71.1	80.5	91.2	103	115	129	145	161	176	191	205	216	218	218	218	217	218	220
85	23.8	26.6	29.7	33.1	36.8	40.7	44.8	50.5	55.9	60.9	65.0	68.1	69.7	62.8	55.1	47.4	40.5	35.2	32.5
90	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.51	0.50	0.50	0.48	0.47	0.46	0.44	0.43	0.42

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	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036	1036						
5	1015	1016	1018	1020	1022	1024	1026	1028	1030	1032	1034						
10	994	998	1002	1005	1009	1013	1017	1021	1025	1029	1034						
15	974	979	985	991	997	1003	1009	1015	1021	1028	1034						
20	953	961	969	977	985	993	1002	1010	1019	1028	1037						
25	933	943	953	964	974	985	997	1008	1020	1032	1044						
30	915	928	941	954	968	982	997	1012	1027	1042	1058						
35	900	916	933	950	968	986	1005	1024	1043	1063	1083						
40	888	909	930	951	974	997	1020	1044	1068	1092	1118						
45	879	903	929	956	983	1011	1039	1068	1097	1127	1157						
50	869	900	931	963	996	1030	1063	1096	1130	1164	1199						
55	856	891	927	965	1003	1041	1078	1115	1153	1190	1227						
60	822	859	898	937	976	1016	1054	1092	1129	1166	1204						
65	743	776	809	844	878	912	945	977	1009	1040	1071						
70	606	630	654	677	700	723	744	764	784	803	821						
75	443	457	471	483	494	504	511	516	520	521	522						
80	236	254	272	290	305	316	316	312	303	289	271						
85	44.6	59.0	74.5	90.1	105	117	119	118	114	107	96.0						
90	0.41	0.41	0.40	0.40	0.39	0.39	0.37	0.36	0.35	0.34	0.32						

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: