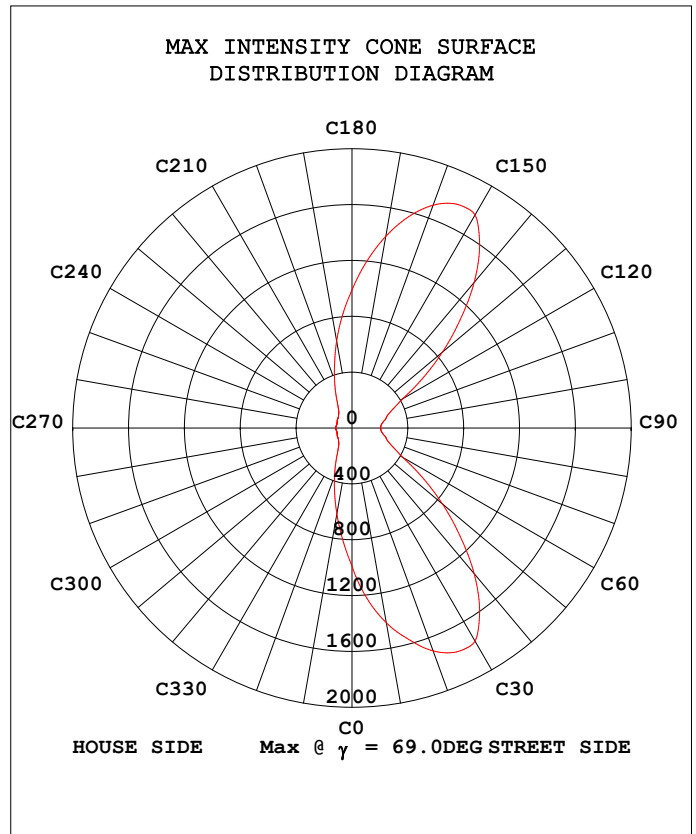
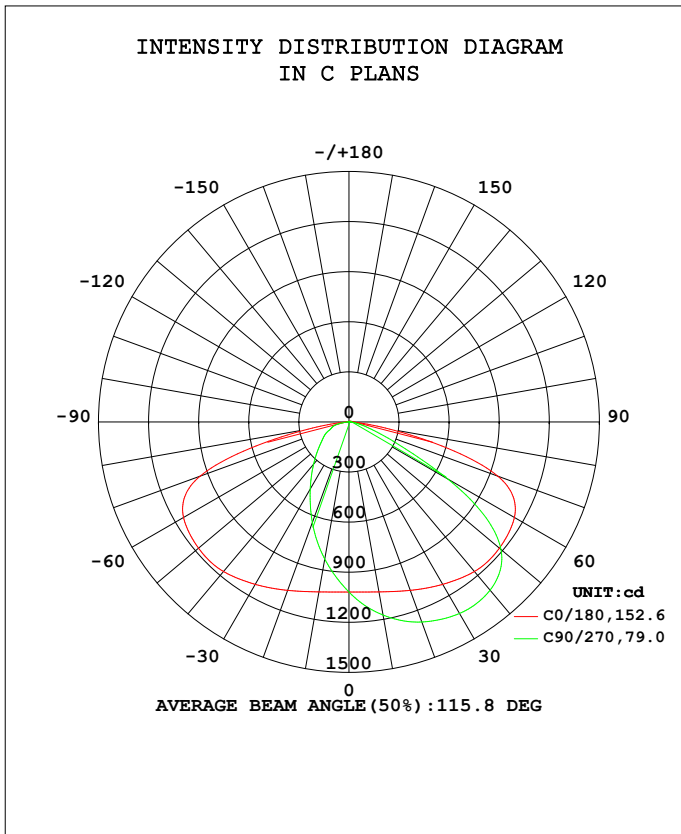


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4183.33x1 lm		
NAME: ST10-030-UD-3070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

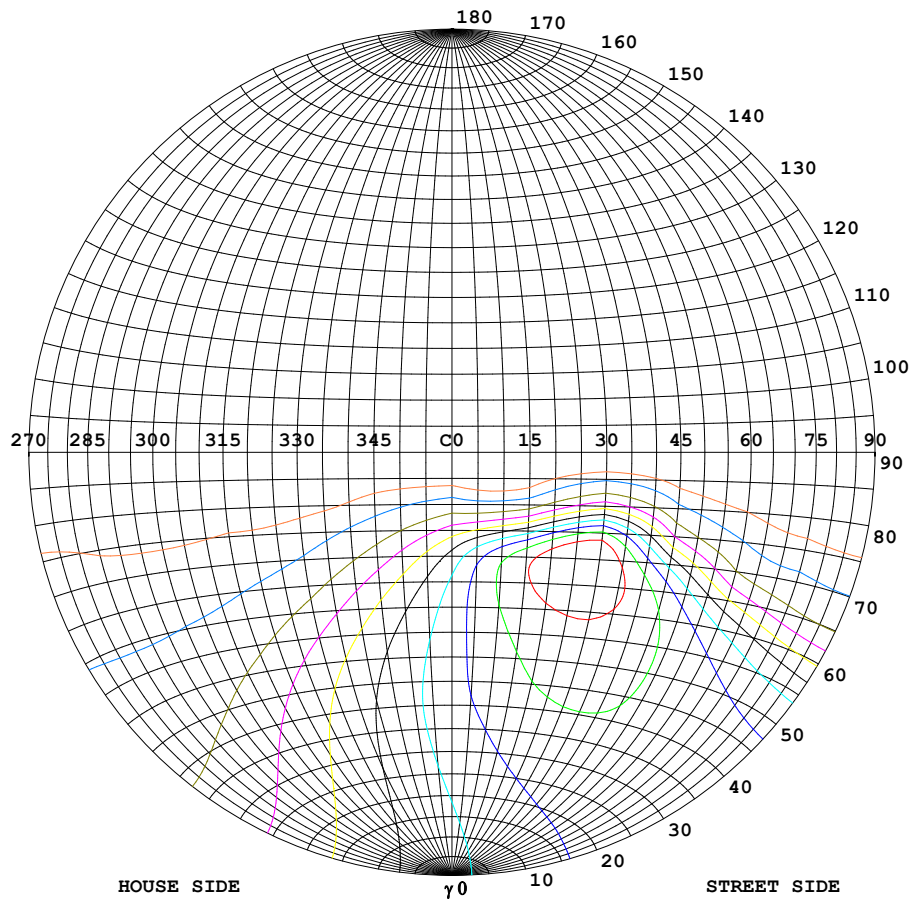
DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.44 lm/W			
MODEL	/	I _{max} (cd)	1777	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	70.1
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	4183	η house_up (%)	0.0
NOMINAL FLUX (lm)	4183.33	MAXIMUM @ (C, γ)	28,69.0	η house_down (%)	29.9
LAMPS INSIDE	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:

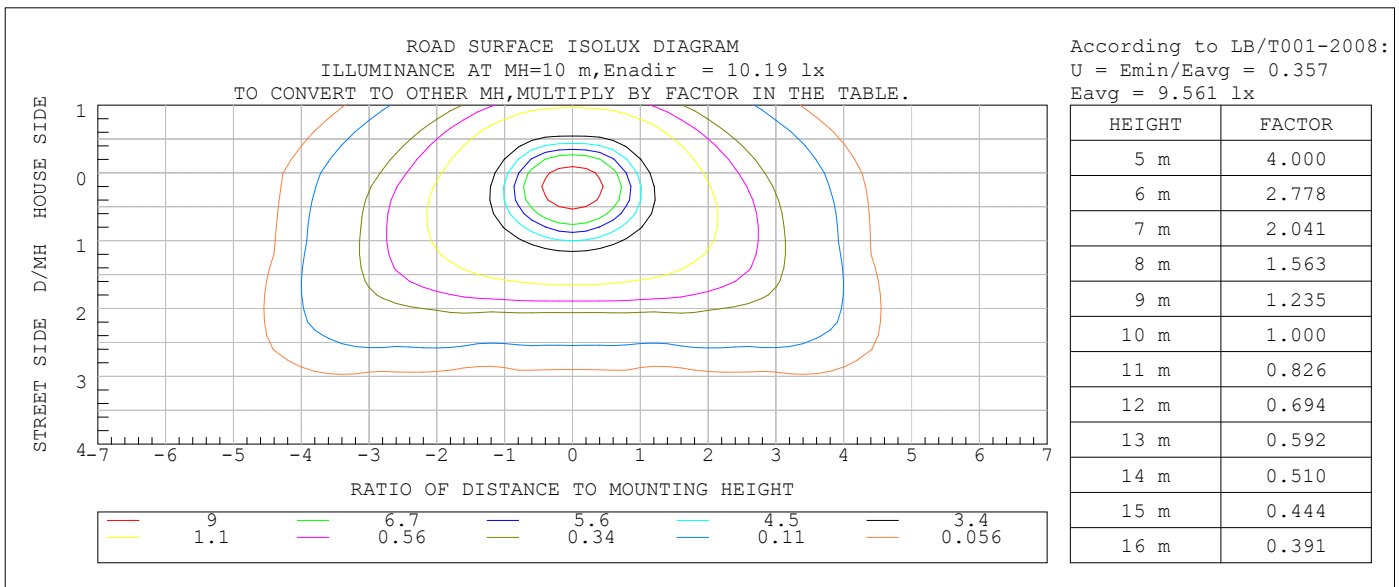
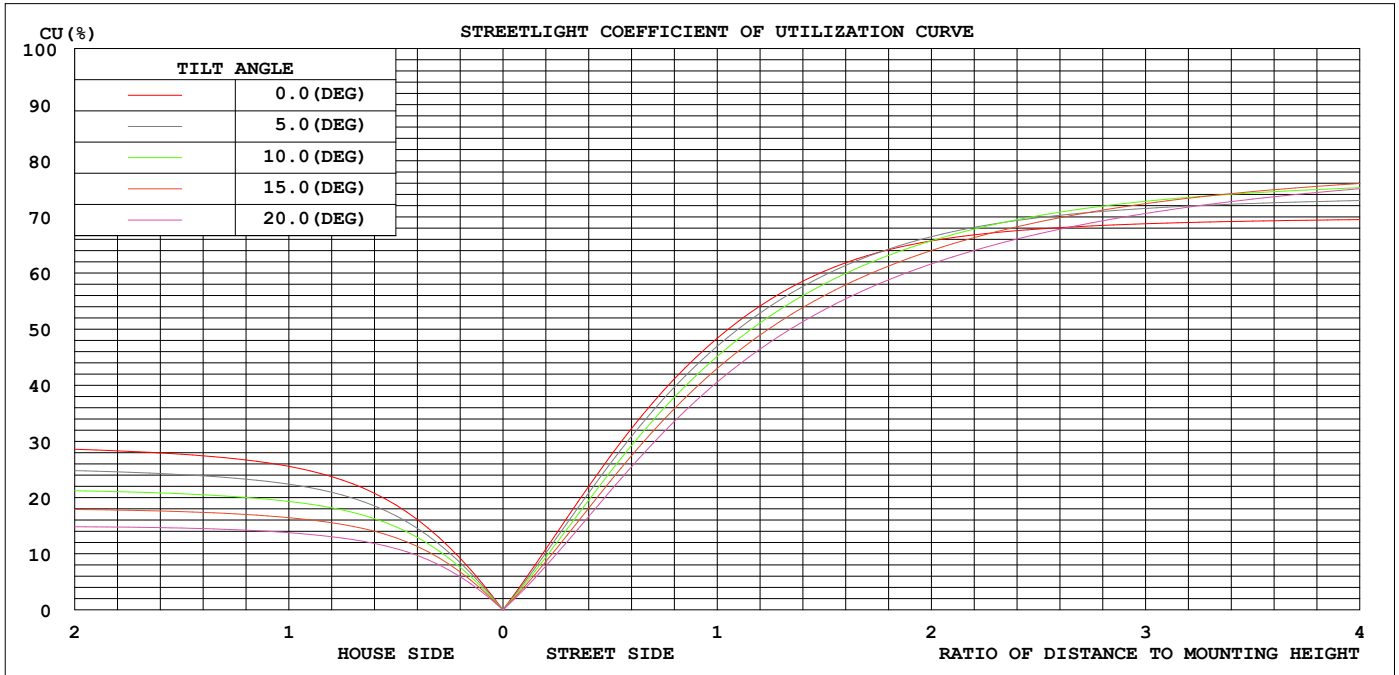
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:154.6cd/klm
 Max.At90:0.1183cd/klm
 Max.80-90:154.6cd/klm
 NRB 5101:Limited[9.5%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1777
90%	1599
80%	1421
70%	1244
60%	1066
50%	888
40%	711
30%	533
20%	355
10%	178
5%	89

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

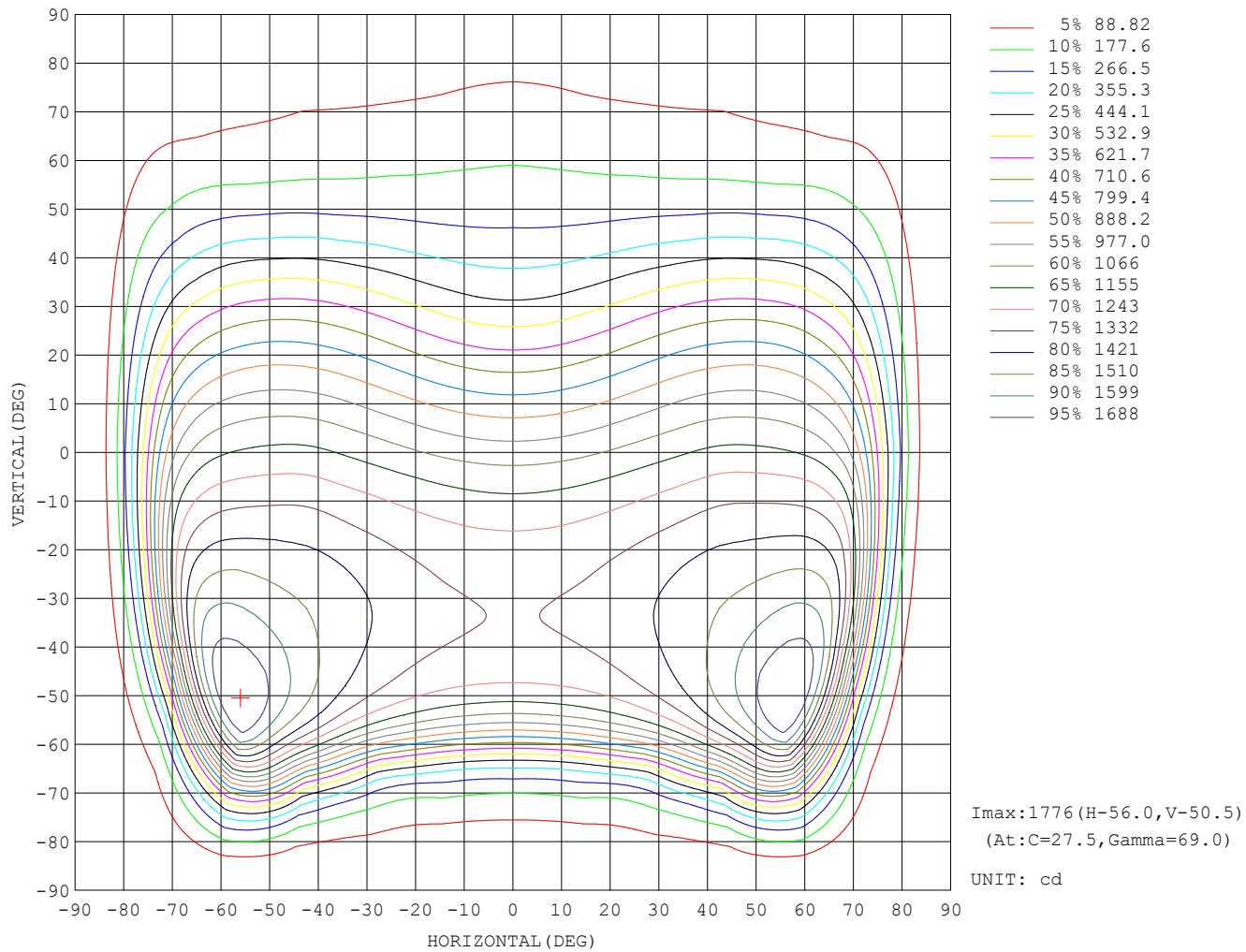
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1034	1142	1174	1142	1034	896.9	834.2	896.9	0- 10	97.28	97.28	2.33,2.33
20	1073	1248	1275	1248	1073	786.5	641.4	786.5	10- 20	288.6	385.9	9.22,9.22
30	1123	1335	1324	1335	1123	682.7	464.0	682.7	20- 30	468.8	854.7	20.4,20.4
40	1169	1406	1315	1406	1169	568.4	329.5	568.4	30- 40	629.0	1484	35.5,35.5
50	1176	1441	1188	1441	1176	413.9	233.5	413.9	40- 50	750.5	2234	53.4,53.4
60	1144	1439	682.3	1439	1144	238.8	173.0	238.8	50- 60	794.3	3029	72.4,72.4
70	948.0	1010	180.4	1010	948.0	128.3	113.8	128.3	60- 70	698.3	3727	89.1,89.1
80	248.6	210.3	47.38	210.3	248.6	51.66	57.47	51.66	70- 80	398.8	4126	98.6,98.6
90	0.2762	0.0979	0.0536	0.0979	0.2762	0.3678	0.1041	0.3678	80- 90	57.78	4183	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:

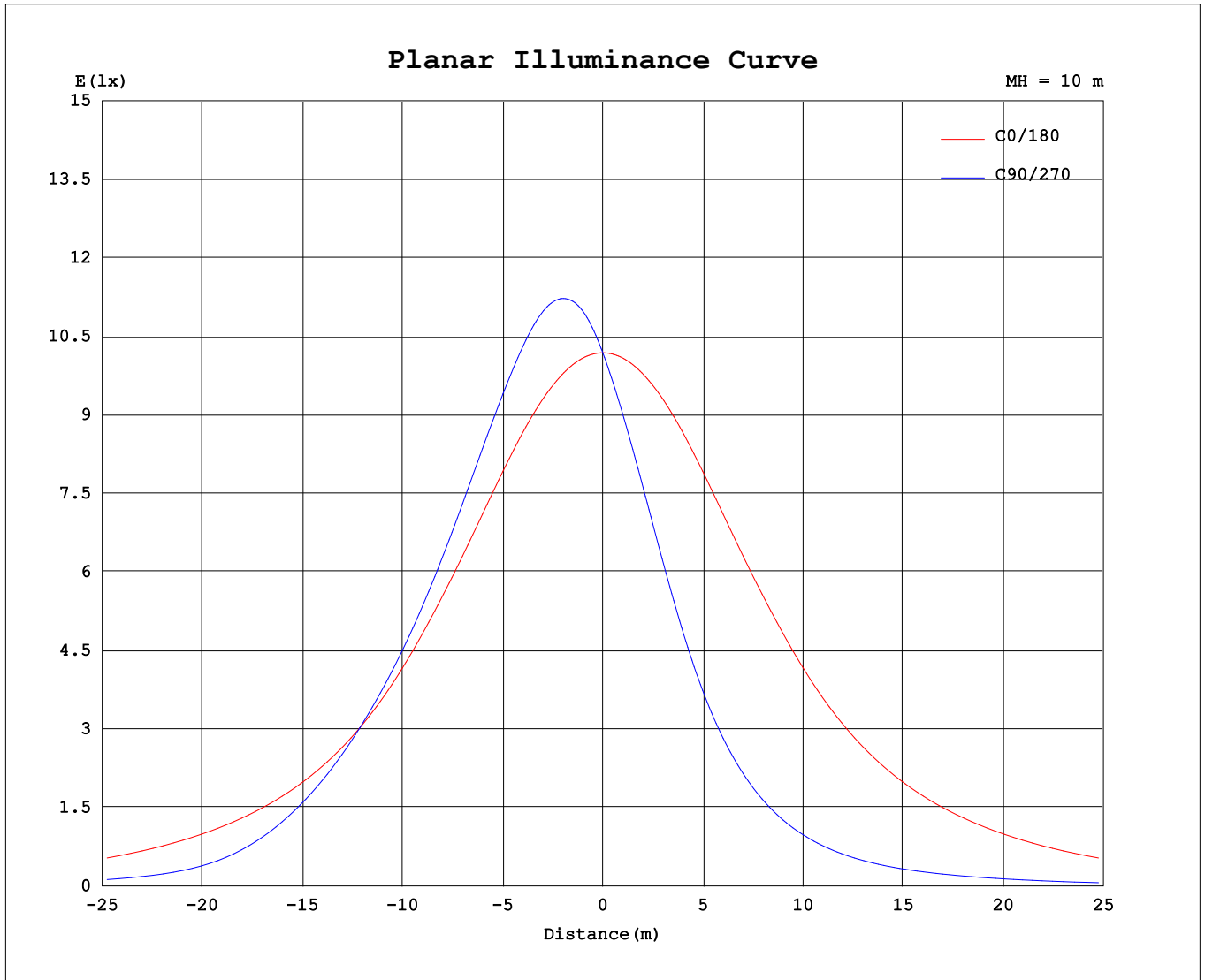
ISOCANDELA DIAGRAM



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

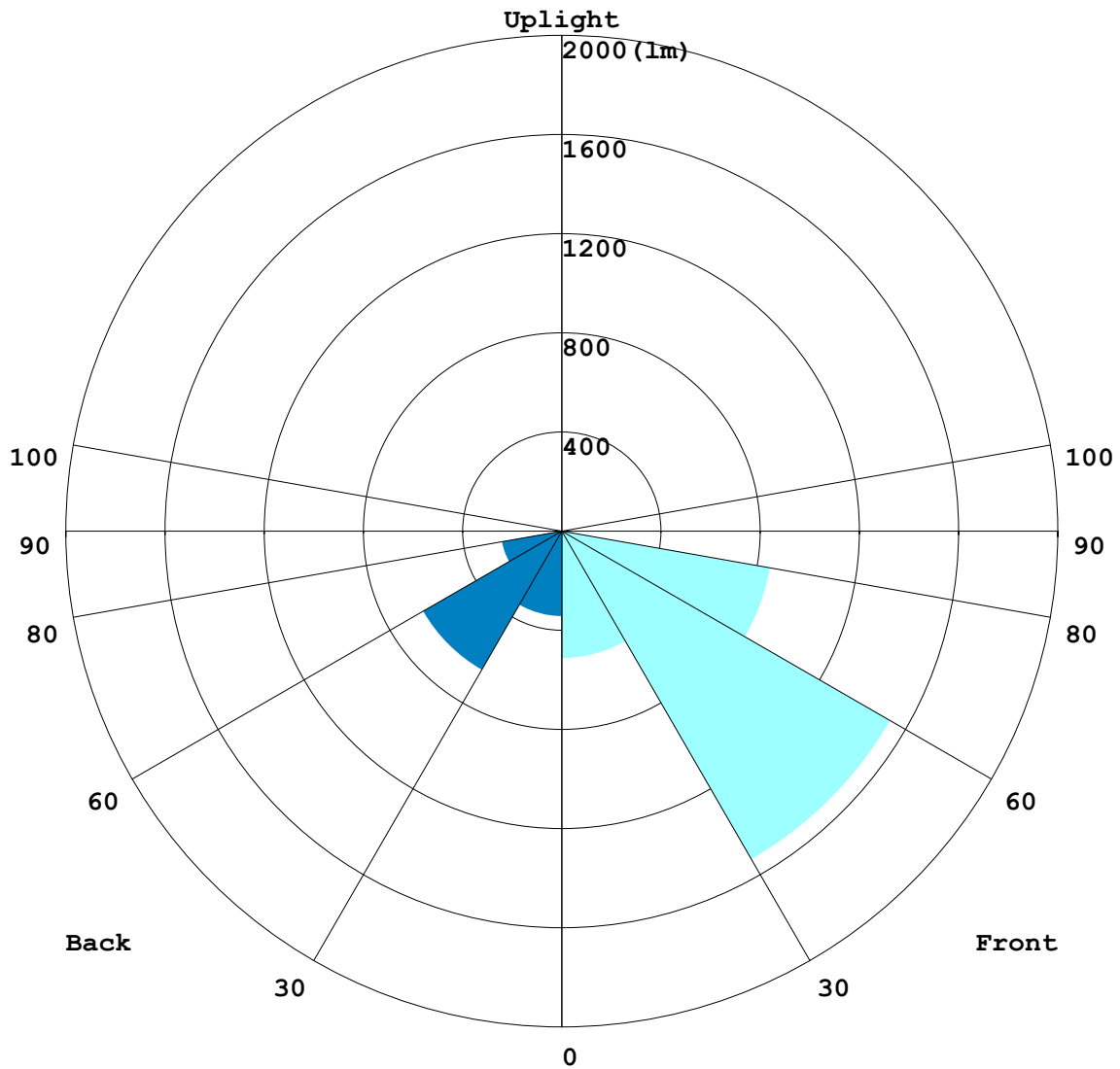
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4183.33x1 lm		
NAME: ST10-030-UD-3070-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:0.251A P:30.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4183.33x1 lm		
NAME: ST10-030-UD-3070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	512.15	12.2
FM - Front-Medium(30-60)	1528.3	36.5
FH - Front-High(60-80)	851.93	20.4
FVH - Front-Very High(80-90)	41.458	1.0
Total Forward Light	2933.8	70.1

BL - Back-Low(0-30)	342.54	8.2
BM - Back-Medium(30-60)	645.57	15.4
BH - Back-High(60-80)	245.11	5.9
BVH - Back-Very High(80-90)	16.32	0.4
Total Back Light	1249.5	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
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1249.5	0	1249.5
Street Side	2933.8	0	2933.8

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

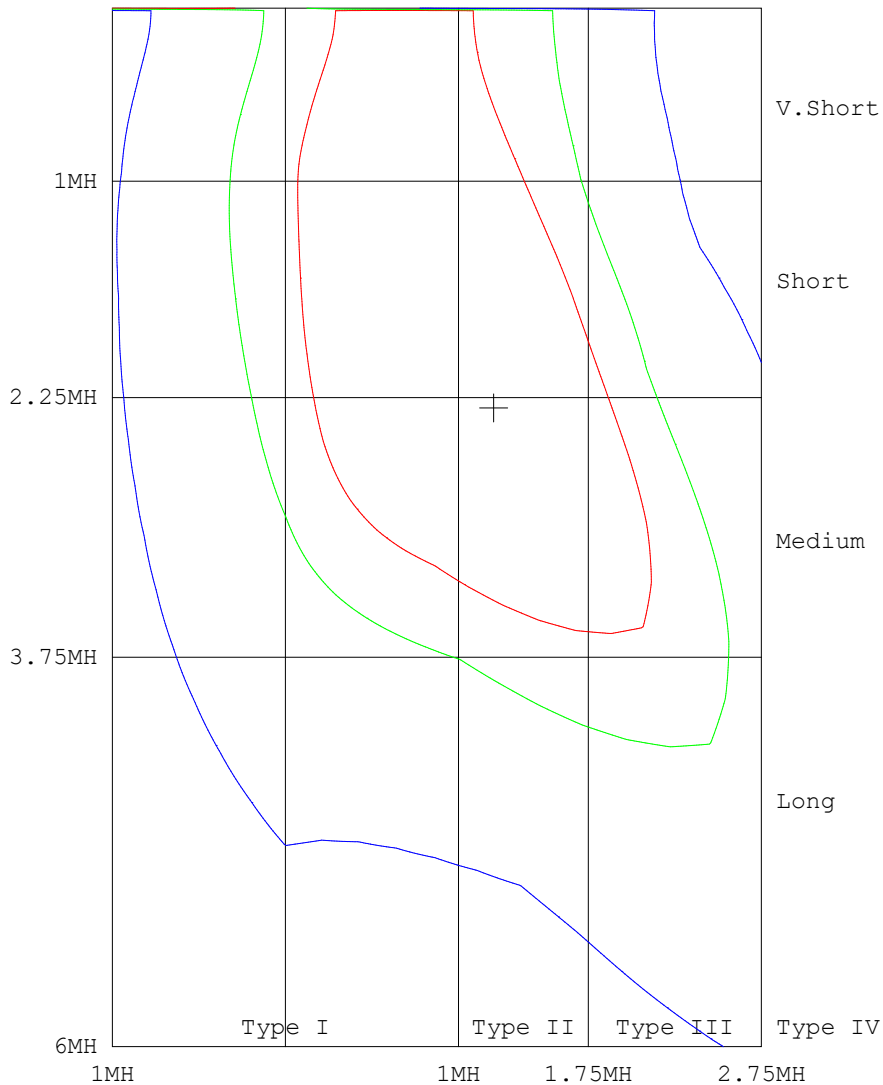
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.251A P:30.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4183.33x1 lm		
NAME: ST10-030-UD-3070-A08803	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement Road Range: 350.31 - 90DEG 2.5% 44.414
 C Interval: 2.5DEG 70% 1243.50% 88% 28% 5% 88% 82%
 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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	1022	1026	1030	1034	1038	1042	1045	1049	1052	1056	1059	1062	1065	1069	1071	1074	1077	1080	1082
10	1034	1041	1049	1057	1064	1071	1078	1084	1091	1097	1103	1109	1114	1120	1125	1129	1134	1138	1142
15	1051	1063	1074	1085	1095	1105	1115	1124	1133	1141	1149	1157	1164	1170	1177	1182	1188	1193	1197
20	1073	1089	1103	1117	1130	1143	1155	1166	1177	1187	1196	1205	1213	1220	1227	1233	1238	1243	1248
25	1098	1117	1135	1152	1168	1183	1197	1210	1222	1233	1244	1253	1261	1269	1275	1281	1286	1290	1294
30	1123	1146	1167	1187	1206	1224	1240	1255	1268	1280	1291	1301	1310	1317	1322	1327	1331	1334	1335
35	1147	1174	1199	1223	1245	1265	1283	1300	1315	1328	1340	1350	1358	1364	1368	1371	1373	1374	1373
40	1169	1202	1232	1260	1286	1309	1330	1349	1366	1380	1392	1402	1409	1414	1416	1416	1414	1411	1406
45	1179	1219	1257	1291	1322	1350	1375	1397	1416	1431	1444	1453	1459	1460	1458	1453	1447	1438	1428
50	1176	1225	1270	1311	1349	1382	1411	1436	1456	1473	1486	1494	1499	1497	1491	1483	1471	1457	1441
55	1165	1226	1282	1333	1378	1419	1453	1483	1507	1526	1539	1547	1550	1544	1534	1519	1500	1477	1451
60	1144	1223	1294	1359	1416	1467	1510	1548	1578	1601	1616	1624	1623	1610	1589	1560	1526	1485	1439
65	1090	1193	1286	1371	1446	1512	1569	1622	1665	1696	1716	1722	1715	1680	1632	1572	1501	1422	1335
70	948	1070	1183	1286	1379	1461	1534	1613	1680	1730	1762	1773	1759	1673	1564	1439	1301	1157	1010
75	615	671	729	790	853	919	988	1099	1205	1301	1378	1431	1452	1341	1202	1042	871	697	531
80	249	228	217	216	225	244	272	342	415	488	555	609	647	600	536	460	376	292	210
85	52.4	43.9	38.6	36.5	37.7	42.0	49.6	69.4	90.8	112	133	150	163	152	137	119	99.1	78.4	58.5
90	0.28	0.26	0.24	0.22	0.21	0.20	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.17	0.15	0.14	0.13	0.11	0.10

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

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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	1084	1087	1089	1091	1092	1094	1096	1097	1098	1100	1101	1102	1102	1103	1103	1104	1104	1104	1104
10	1146	1149	1152	1155	1158	1160	1163	1165	1167	1168	1170	1171	1172	1173	1173	1174	1174	1174	1174
15	1201	1205	1209	1212	1215	1217	1220	1222	1224	1226	1228	1229	1230	1231	1231	1232	1232	1232	1232
20	1252	1255	1258	1261	1263	1265	1267	1269	1271	1272	1273	1274	1274	1275	1275	1275	1275	1275	1275
25	1297	1299	1300	1301	1302	1303	1304	1304	1305	1305	1305	1305	1305	1305	1305	1305	1305	1304	1305
30	1336	1336	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1327	1326	1325	1325	1325	1324	1325
35	1372	1369	1366	1362	1358	1353	1350	1347	1344	1341	1338	1336	1334	1332	1331	1330	1329	1329	1329
40	1400	1393	1385	1376	1368	1359	1353	1346	1340	1335	1330	1326	1323	1320	1318	1316	1315	1315	1315
45	1416	1404	1391	1378	1364	1351	1340	1330	1320	1311	1303	1295	1289	1284	1280	1278	1276	1275	1276
50	1424	1406	1386	1366	1346	1326	1307	1289	1272	1256	1242	1228	1217	1208	1200	1194	1190	1188	1190
55	1423	1392	1360	1326	1292	1258	1225	1193	1162	1133	1105	1080	1059	1041	1026	1015	1007	1004	1007
60	1386	1329	1269	1208	1146	1085	1029	975	924	876	832	793	761	734	712	696	686	682	686
65	1236	1133	1030	927	827	733	663	600	545	498	457	423	397	377	363	354	350	350	350
70	884	762	647	541	445	361	314	278	252	236	225	220	207	196	189	184	181	180	181
75	441	366	304	254	214	184	159	141	128	120	116	114	108	103	99.2	96.8	95.5	95.4	95.5
80	175	146	125	109	97.9	90.0	79.8	71.7	65.5	60.8	57.4	55.0	52.2	50.0	48.5	47.6	47.3	47.4	47.3
85	50.2	43.9	39.1	35.5	33.0	31.1	28.2	25.6	23.4	21.5	20.0	18.7	17.6	16.7	16.1	15.7	15.5	15.5	15.5
90	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05

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--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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	1104	1103	1103	1102	1102	1101	1100	1098	1097	1096	1094	1092	1091	1089	1087	1084	1082	1080	1077
10	1174	1173	1173	1172	1171	1170	1168	1167	1165	1163	1160	1158	1155	1152	1149	1146	1142	1138	1134
15	1232	1231	1231	1230	1229	1228	1226	1224	1222	1220	1217	1215	1212	1209	1205	1201	1197	1193	1188
20	1275	1275	1275	1274	1274	1273	1272	1271	1269	1267	1265	1263	1261	1258	1255	1252	1248	1243	1238
25	1305	1305	1305	1305	1305	1305	1305	1305	1304	1304	1303	1302	1301	1300	1299	1297	1294	1290	1286
30	1325	1325	1326	1327	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1336	1336	1335	1334	1331
35	1330	1331	1332	1334	1336	1338	1341	1344	1347	1350	1353	1358	1362	1366	1369	1372	1373	1374	1373
40	1316	1318	1320	1323	1326	1330	1335	1340	1346	1353	1359	1368	1376	1385	1393	1400	1406	1411	1414
45	1278	1280	1284	1289	1295	1303	1311	1320	1330	1340	1351	1364	1378	1391	1404	1416	1428	1438	1447
50	1194	1200	1208	1217	1228	1242	1256	1272	1289	1307	1326	1346	1366	1386	1406	1424	1441	1457	1471
55	1015	1026	1041	1059	1080	1105	1133	1162	1193	1225	1258	1292	1326	1360	1392	1423	1451	1477	1500
60	696	712	734	761	793	832	876	924	975	1029	1085	1146	1208	1269	1329	1386	1439	1485	1526
65	354	363	377	397	423	457	498	545	600	663	733	827	927	1030	1133	1236	1335	1422	1501
70	184	189	196	207	220	225	236	252	278	314	361	445	541	647	762	884	1010	1157	1301
75	96.8	99.2	103	108	114	116	120	128	141	159	184	214	254	304	366	441	531	697	871
80	47.6	48.5	50.0	52.2	55.0	57.4	60.8	65.5	71.7	79.8	90.0	97.9	109	125	146	175	210	292	376
85	15.7	16.1	16.7	17.6	18.7	20.0	21.5	23.4	25.6	28.2	31.1	33.0	35.5	39.1	43.9	50.2	58.5	78.4	99.1
90	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.10	0.11	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--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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	1074	1071	1069	1065	1062	1059	1056	1052	1049	1045	1041	1038	1034	1030	1026	1022	1019	1015	1011
10	1129	1125	1120	1114	1109	1103	1097	1091	1084	1078	1071	1064	1056	1049	1041	1034	1026	1018	1010
15	1182	1177	1170	1164	1157	1149	1141	1133	1124	1115	1105	1095	1084	1073	1062	1051	1040	1028	1016
20	1233	1227	1220	1213	1205	1196	1187	1177	1166	1155	1143	1130	1116	1102	1088	1073	1058	1043	1027
25	1281	1275	1269	1261	1253	1244	1233	1222	1210	1197	1182	1167	1151	1134	1116	1098	1079	1060	1041
30	1327	1322	1317	1310	1301	1291	1280	1268	1255	1240	1223	1205	1186	1166	1145	1123	1101	1078	1054
35	1371	1368	1364	1358	1350	1340	1328	1315	1300	1283	1264	1243	1221	1198	1173	1147	1121	1094	1066
40	1416	1416	1414	1409	1402	1392	1380	1366	1349	1330	1308	1284	1257	1229	1200	1169	1138	1105	1072
45	1453	1458	1460	1459	1453	1444	1431	1416	1397	1375	1348	1319	1286	1252	1216	1179	1142	1103	1064
50	1483	1491	1497	1499	1494	1486	1473	1456	1436	1411	1379	1343	1305	1264	1220	1176	1132	1088	1042
55	1519	1534	1544	1550	1547	1539	1526	1507	1483	1453	1414	1371	1323	1273	1220	1165	1113	1059	1005
60	1560	1589	1610	1623	1624	1616	1601	1578	1548	1510	1461	1405	1344	1280	1213	1144	1078	1011	945
65	1572	1632	1680	1715	1722	1716	1696	1665	1622	1569	1503	1429	1349	1265	1178	1090	1007	925	844
70	1439	1564	1673	1759	1773	1762	1730	1680	1613	1534	1449	1356	1258	1156	1052	948	854	763	676
75	1042	1202	1341	1452	1431	1378	1301	1205	1099	988	921	857	794	733	674	615	550	487	425
80	460	536	600	647	609	555	488	415	342	272	256	247	244	245	247	249	231	212	192
85	119	137	152	163	150	133	112	90.8	69.4	49.6	45.6	44.2	44.7	46.7	49.5	52.4	51.2	49.6	47.6
90	0.14	0.15	0.17	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.21	0.22	0.24	0.26	0.28	0.31	0.34	0.38

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--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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	1007	1003	999	995	991	987	983	980	976	973	969	966	962	959	956	953	950	948	945
10	1002	994	986	978	970	962	954	947	939	932	924	917	910	903	897	891	885	879	873
15	1004	992	980	968	955	943	931	919	907	896	884	873	862	851	840	830	821	811	802
20	1011	995	979	962	945	929	912	896	879	863	847	832	816	801	786	772	759	746	733
25	1021	1000	980	959	938	917	896	875	854	833	813	793	773	753	734	716	699	682	665
30	1030	1005	980	955	930	904	879	853	828	803	778	753	729	706	683	661	639	619	600
35	1037	1008	978	948	918	888	857	827	798	768	739	710	682	655	629	604	580	557	535
40	1038	1003	968	933	898	863	828	793	759	725	692	659	628	598	568	541	515	491	468
45	1025	984	944	903	863	823	784	745	706	668	631	596	561	528	497	469	443	419	397
50	996	950	903	857	811	765	720	676	633	592	552	515	479	445	414	387	363	342	322
55	950	896	841	787	734	682	632	583	537	494	454	417	383	351	323	301	282	265	251
60	879	813	749	687	628	571	517	466	419	380	344	312	284	260	239	223	210	199	192
65	765	690	617	552	491	435	384	338	297	265	239	217	199	185	174	164	157	152	149
70	593	516	445	386	335	290	251	218	191	171	156	145	137	132	128	124	121	118	117
75	367	313	263	227	196	171	149	133	119	110	103	98.2	95.4	94.0	93.4	90.2	87.4	85.0	83.0
80	170	149	128	112	97.8	84.7	73.3	63.6	55.7	52.1	50.1	49.3	49.6	50.5	51.7	50.7	49.9	49.2	48.6
85	45.2	42.6	39.6	35.8	31.8	27.9	24.2	20.7	17.7	16.6	16.0	15.8	16.0	16.4	17.0	17.3	17.6	18.0	18.5
90	0.41	0.44	0.47	0.48	0.49	0.50	0.49	0.49	0.48	0.47	0.45	0.43	0.41	0.39	0.37	0.34	0.32	0.29	0.26

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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	943	941	939	937	935	933	932	931	930	929	928	928	928	927	928	928	928	929	930
10	868	863	859	855	851	847	844	841	839	837	836	835	834	834	834	835	836	837	839
15	794	786	779	772	766	760	755	750	747	744	741	739	738	738	738	739	741	744	747
20	721	710	699	690	681	673	665	659	654	649	646	643	642	641	642	643	646	649	654
25	650	636	622	609	598	587	578	570	563	558	553	550	548	548	548	550	553	558	563
30	582	564	549	534	521	509	498	489	481	475	470	467	465	464	465	467	470	475	481
35	515	496	479	464	450	437	426	416	408	402	397	394	392	392	392	394	397	402	408
40	447	428	411	396	382	370	360	351	344	339	334	331	330	330	330	331	334	339	344
45	377	359	343	330	318	308	300	293	288	283	280	278	277	277	277	278	280	283	288
50	306	291	279	268	260	253	247	243	239	236	234	233	233	233	233	233	234	236	239
55	239	230	222	215	210	206	203	201	199	198	198	198	198	199	198	198	198	198	199
60	186	181	177	174	172	171	170	170	170	170	171	172	172	173	172	172	171	170	170
65	147	146	144	143	142	141	141	141	142	143	143	144	145	145	145	144	143	143	142
70	115	115	113	111	109	108	106	106	107	108	110	111	113	114	113	111	110	108	107
75	81.5	80.4	80.3	80.6	81.4	82.4	83.7	85.2	87.2	89.3	91.2	93.0	94.4	95.3	94.4	93.0	91.2	89.3	87.2
80	48.2	48.1	49.0	50.2	51.5	52.9	54.3	55.6	56.2	56.7	57.1	57.3	57.5	57.5	57.5	57.3	57.1	56.7	56.2
85	19.0	19.5	20.3	21.1	21.8	22.3	22.7	22.9	22.0	21.0	19.8	18.7	17.8	17.0	17.8	18.7	19.8	21.0	22.0
90	0.24	0.22	0.20	0.18	0.16	0.15	0.14	0.13	0.12	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.11	0.11	0.12

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--7

UNIT: cd

C (DEG) γ (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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
5	931	932	933	935	937	939	941	943	945	948	950	953	956	959	962	966	969	973	976
10	841	844	847	851	855	859	863	868	873	879	885	891	897	903	910	917	924	932	939
15	750	755	760	766	772	779	786	794	802	811	821	830	840	851	862	873	884	896	907
20	659	665	673	681	690	699	710	721	733	746	759	772	786	801	816	832	847	863	879
25	570	578	587	598	609	622	636	650	665	682	699	716	734	753	773	793	813	833	854
30	489	498	509	521	534	549	564	582	600	619	639	661	683	706	729	753	778	803	828
35	416	426	437	450	464	479	496	515	535	557	580	604	629	655	682	710	739	768	798
40	351	360	370	382	396	411	428	447	468	491	515	541	568	598	628	659	692	725	759
45	293	300	308	318	330	343	359	377	397	419	443	469	497	528	561	596	631	668	706
50	243	247	253	260	268	279	291	306	322	342	363	387	414	445	479	515	552	592	633
55	201	203	206	210	215	222	230	239	251	265	282	301	323	351	383	417	454	494	537
60	170	170	171	172	174	177	181	186	192	199	210	223	239	260	284	312	344	380	419
65	141	141	141	142	143	144	146	147	149	152	157	164	174	185	199	217	239	265	297
70	106	106	108	109	111	113	115	115	117	118	121	124	128	132	137	145	156	171	191
75	85.2	83.7	82.4	81.4	80.6	80.3	80.4	81.5	83.0	85.0	87.4	90.2	93.4	94.0	95.4	98.2	103	110	119
80	55.6	54.3	52.9	51.5	50.2	49.0	48.1	48.2	48.6	49.2	49.9	50.7	51.7	50.5	49.6	49.3	50.1	52.1	55.7
85	22.9	22.7	22.3	21.8	21.1	20.3	19.5	19.0	18.5	18.0	17.6	17.3	17.0	16.4	16.0	15.8	16.0	16.6	17.7
90	0.13	0.14	0.15	0.16	0.18	0.20	0.22	0.24	0.26	0.29	0.32	0.34	0.37	0.39	0.41	0.43	0.45	0.47	0.48

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--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	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019							
5	980	983	987	991	995	999	1003	1006	1010	1014	1018							
10	947	954	962	970	978	986	994	1002	1010	1018	1026							
15	919	931	943	955	968	980	992	1004	1016	1028	1039							
20	896	912	929	945	962	979	995	1011	1027	1042	1058							
25	875	896	917	938	959	980	1000	1020	1040	1059	1079							
30	853	879	904	930	955	980	1005	1029	1053	1077	1100							
35	827	857	888	918	948	978	1007	1036	1064	1092	1120							
40	793	828	863	898	933	968	1002	1036	1070	1103	1136							
45	745	784	823	863	903	944	983	1023	1062	1101	1140							
50	676	720	765	811	857	903	949	994	1040	1085	1130							
55	583	632	682	734	787	841	894	947	1001	1055	1110							
60	466	517	571	628	687	749	811	874	939	1006	1074							
65	338	384	435	491	552	617	685	758	835	916	1001							
70	218	251	290	335	386	445	511	585	666	753	847							
75	133	149	171	196	227	263	307	358	413	475	542							
80	63.6	73.3	84.7	97.8	112	128	145	163	183	203	225							
85	20.7	24.2	27.9	31.8	35.8	39.6	42.4	44.9	47.2	49.2	50.9							
90	0.49	0.49	0.50	0.49	0.48	0.47	0.45	0.43	0.40	0.36	0.32							

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: