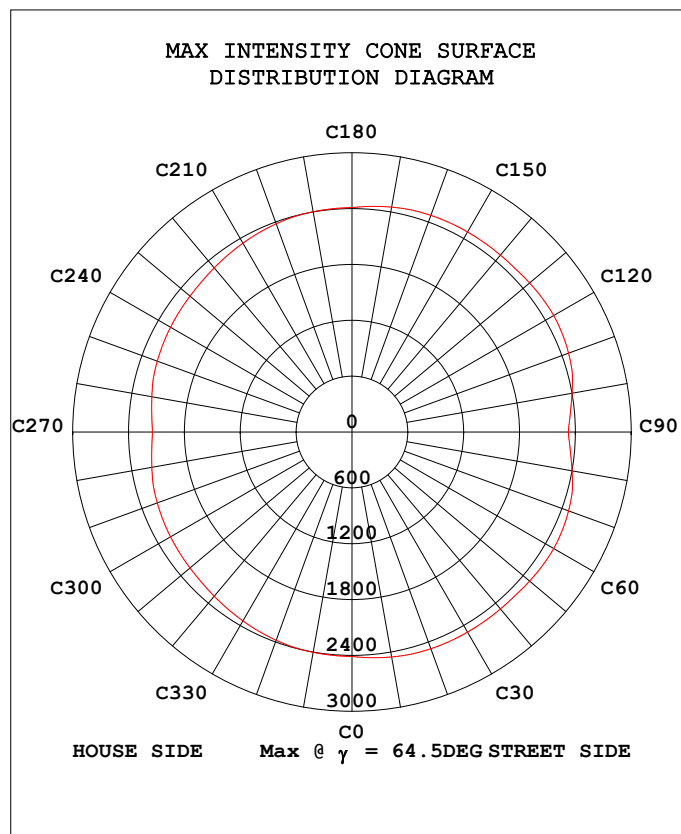
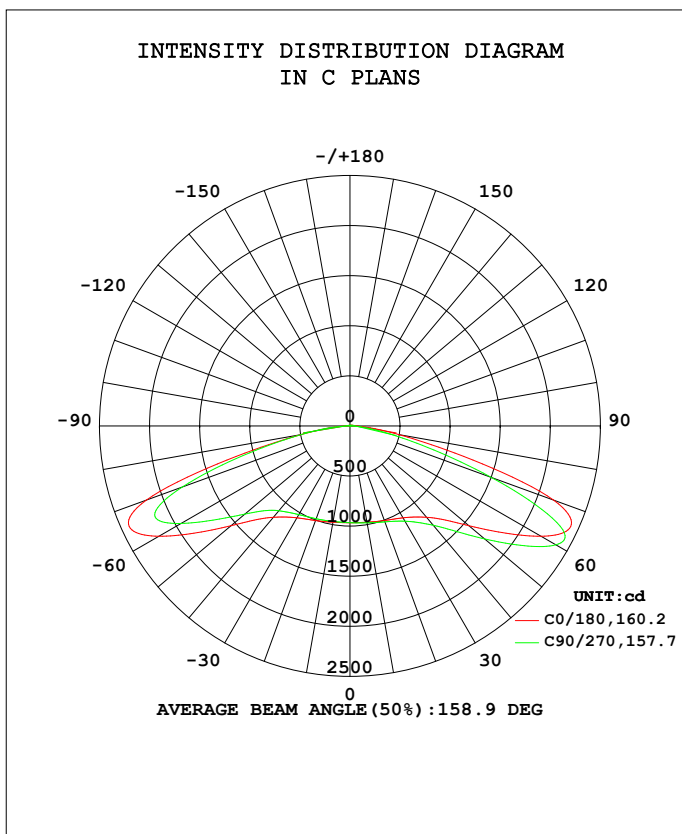


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8126.14x1 lm		
NAME: ST10-060-UD-3070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

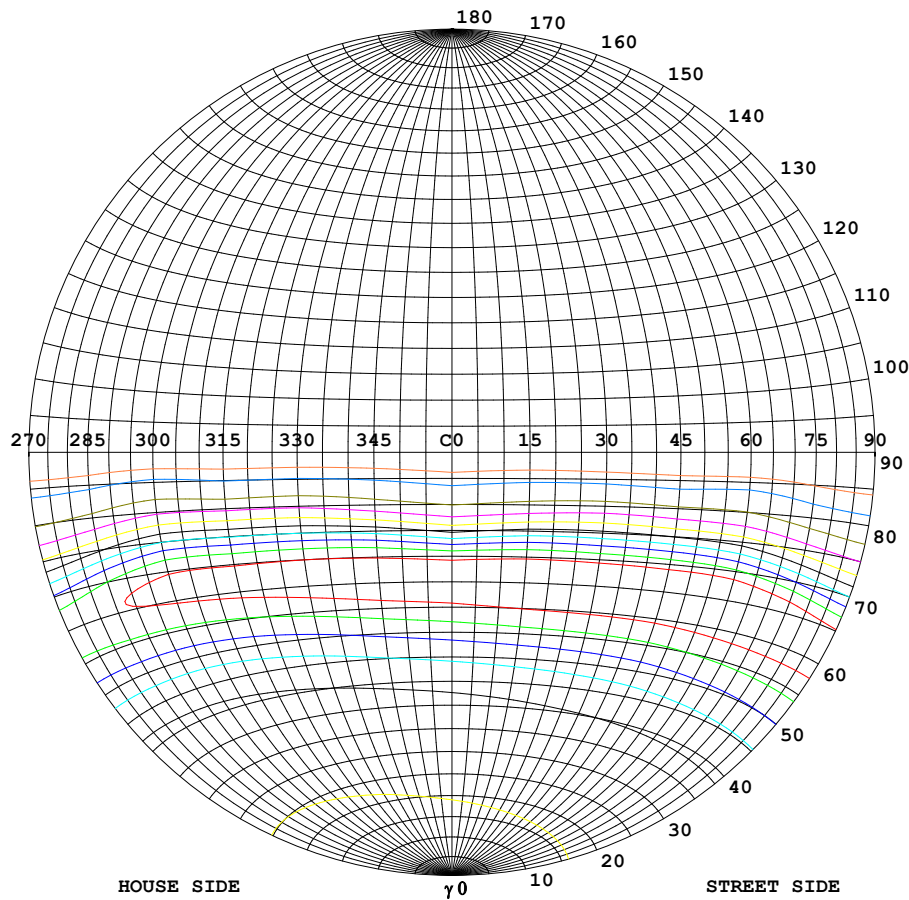
DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.44 lm/W			
MODEL	/	I <sub>max</sub> (cd)	2503	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	50.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	8126	η house_up (%)	0.0
NOMINAL FLUX (lm)	8126.14	MAXIMUM @ (C, γ )	60, 64.5	η house_down (%)	49.1
LAMPS 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:**

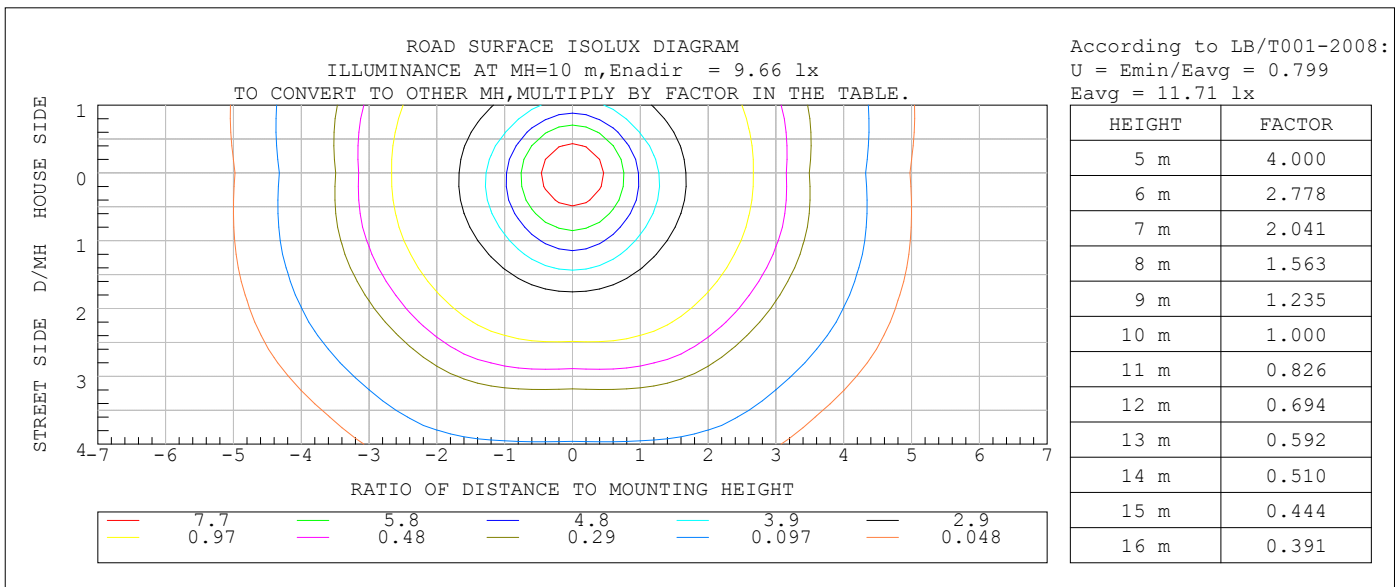
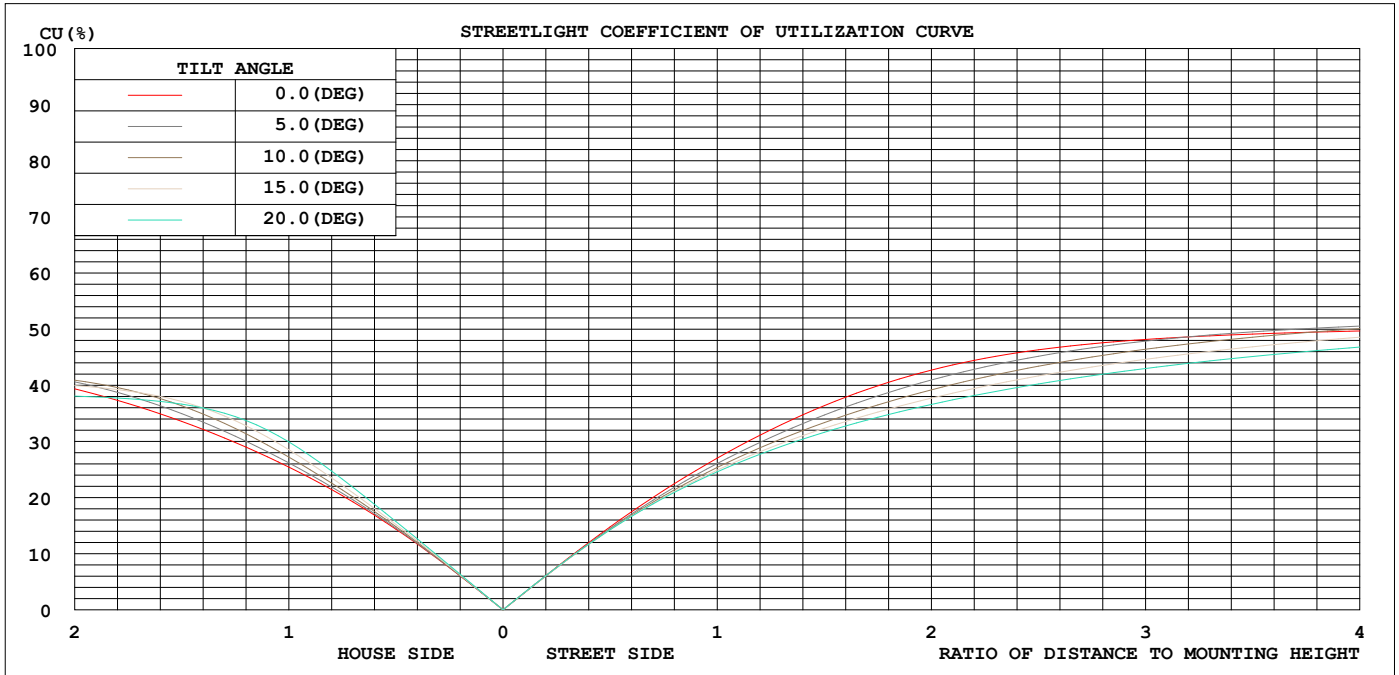
IES:Type VS - Short  
 CIE:Broad - Intermediate  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:88.56cd/klm  
 Max.At90:0.1205cd/klm  
 Max.80-90:88.56cd/klm  
 NRB 5101:Semi limited[15.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2503
90%	2253
80%	2002
70%	1752
60%	1502
50%	1251
40%	1001
30%	751
20%	501
10%	250
5%	125

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



According to LB/T001-2008:  
U = Emin/Eavg = 0.799  
Eavg = 11.71 lx

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

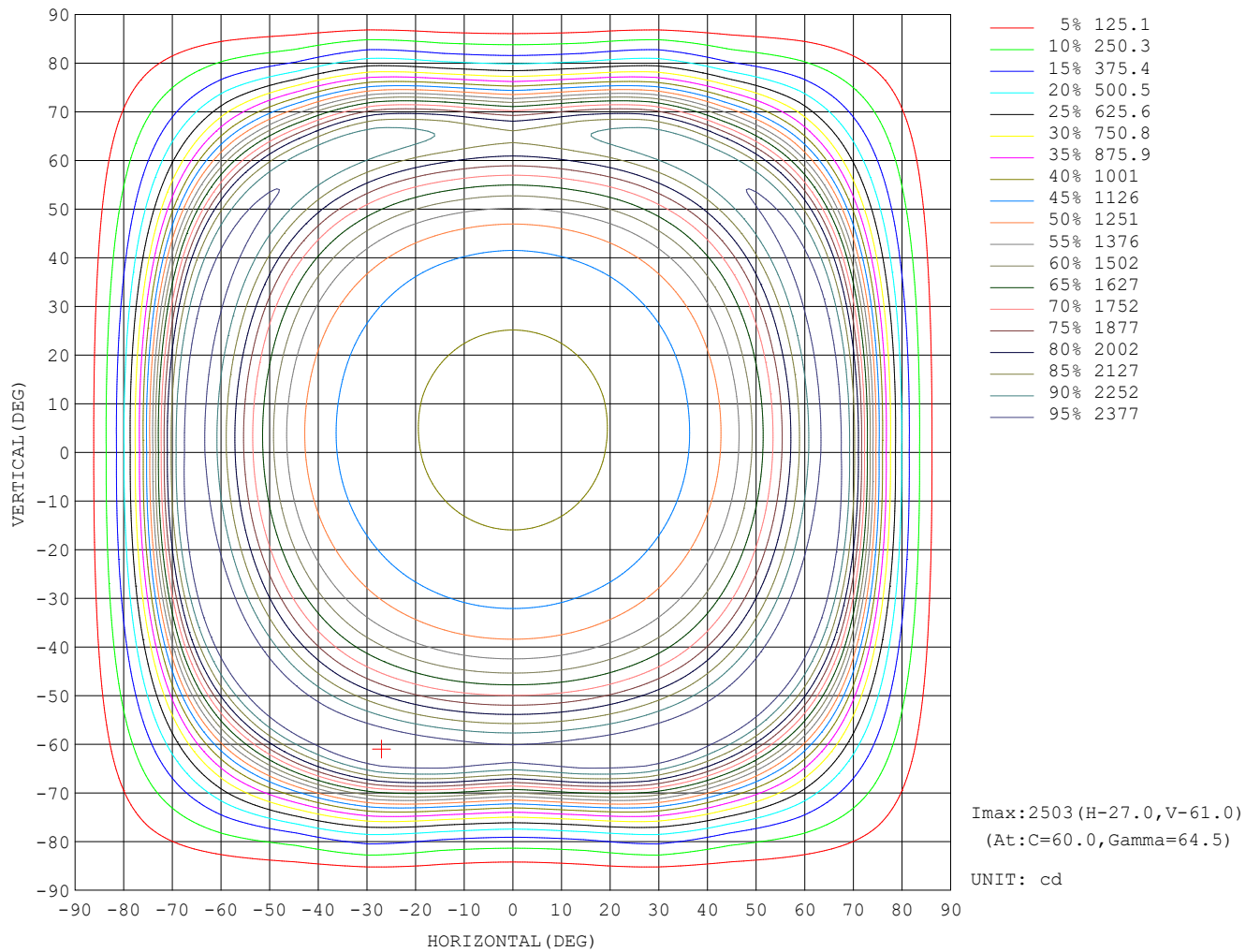
ZONAL FLUX DIAGRAM

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	975.9	979.9	981.5	979.9	975.9	970.4	968.0	970.4	0- 10	92.64	92.64	1.14,1.14
20	1005	1015	1019	1015	1005	991.9	985.9	991.9	10- 20	280.5	373.1	4.59,4.59
30	1059	1086	1098	1086	1059	1033	1022	1033	20- 30	476.5	849.6	10.5,10.5
40	1191	1258	1295	1258	1191	1130	1105	1130	30- 40	704.1	1554	19.1,19.1
50	1549	1647	1754	1647	1549	1391	1369	1391	40- 50	1042	2595	31.9,31.9
60	2203	2302	2373	2302	2203	1988	1947	1988	50- 60	1658	4253	52.3,52.3
70	2161	2133	1500	2133	2161	2229	1778	2229	60- 70	2278	6531	80.4,80.4
80	490.7	534.7	320.3	534.7	490.7	699.1	487.3	699.1	70- 80	1354	7885	97,97
90	0.7297	0.4947	0.4329	0.4947	0.7297	0.8982	0.6266	0.8982	80- 90	240.8	8126	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

$\gamma$  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:

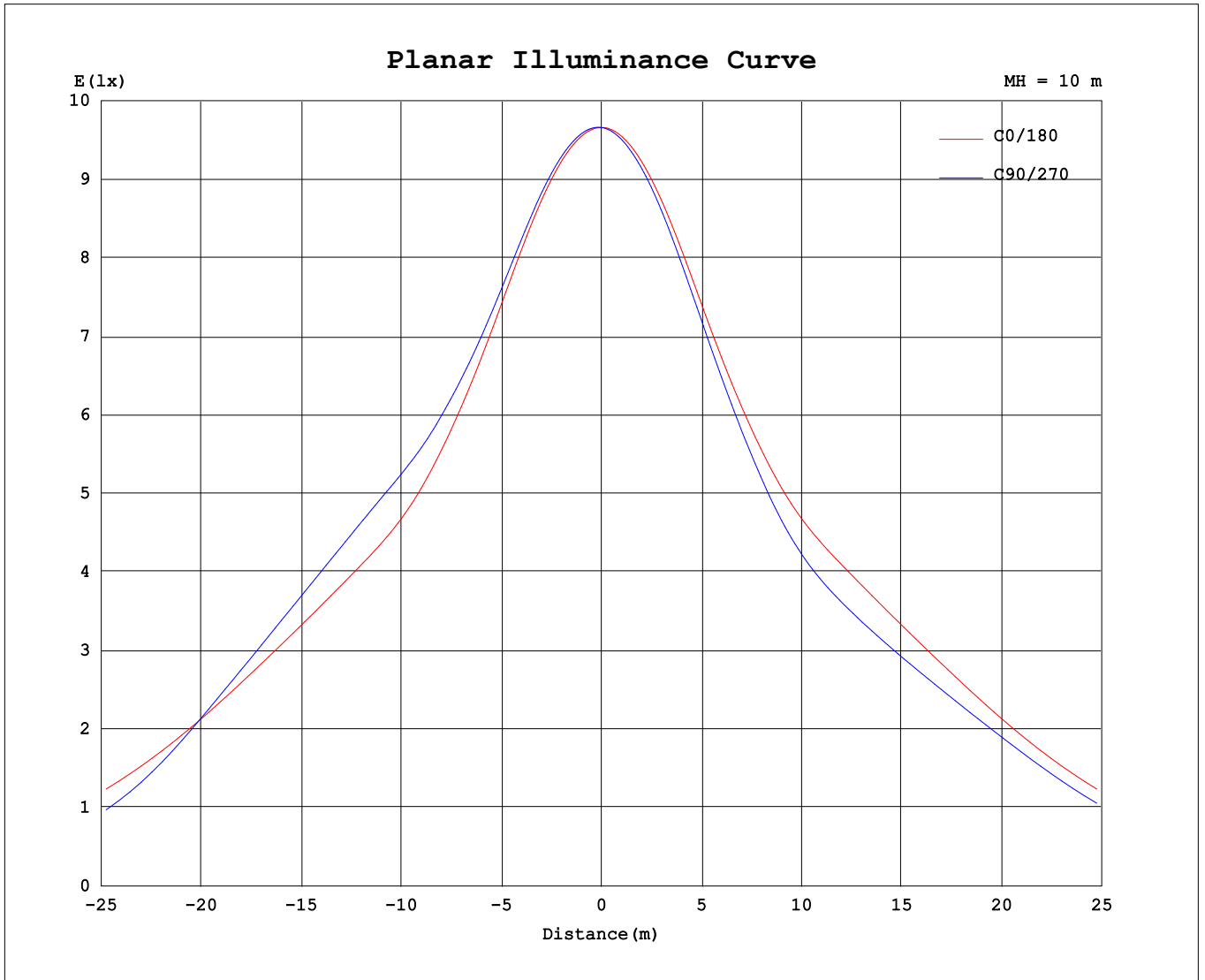
ISOCANDELA DIAGRAM



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

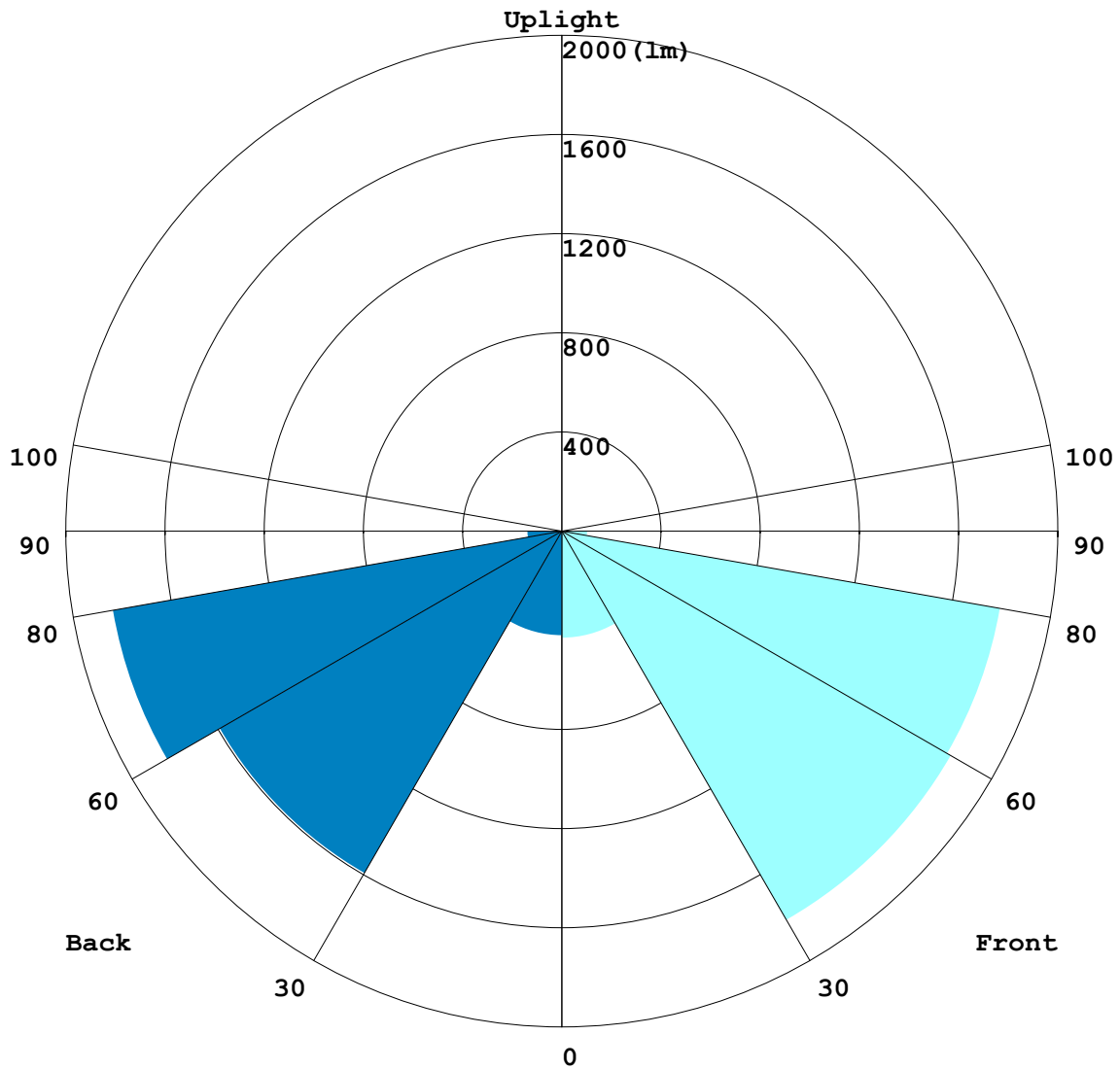
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.446  
Humidity: 65.0%  
Test Distance: 26.000m [K=0.0446]  
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8126.14x1 lm		
NAME: ST10-060-UD-3070-A08805	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

$\gamma$  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

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**BUG REPORT**

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0      Lamp Flux:8126.14x1 lm		
NAME: ST10-060-UD-3070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**IESNA Luminaire Flux Distribution Table:**

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	429.81	5.3
FM - Front-Medium(30-60)	1810.8	22.3
FH - Front-High(60-80)	1793.9	22.1
FVH - Front-Very High(80-90)	102.01	1.3
<b>Total Forward Light</b>	<b>4136.5</b>	<b>50.9</b>

BL - Back-Low(0-30)	419.82	5.2
BM - Back-Medium(30-60)	1592.6	19.6
BH - Back-High(60-80)	1838.4	22.6
BVH - Back-Very High(80-90)	138.78	1.7
<b>Total Back Light</b>	<b>3989.6</b>	<b>49.1</b>

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

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3989.6	0	3989.6
Street Side	4136.5	0	4136.5

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:

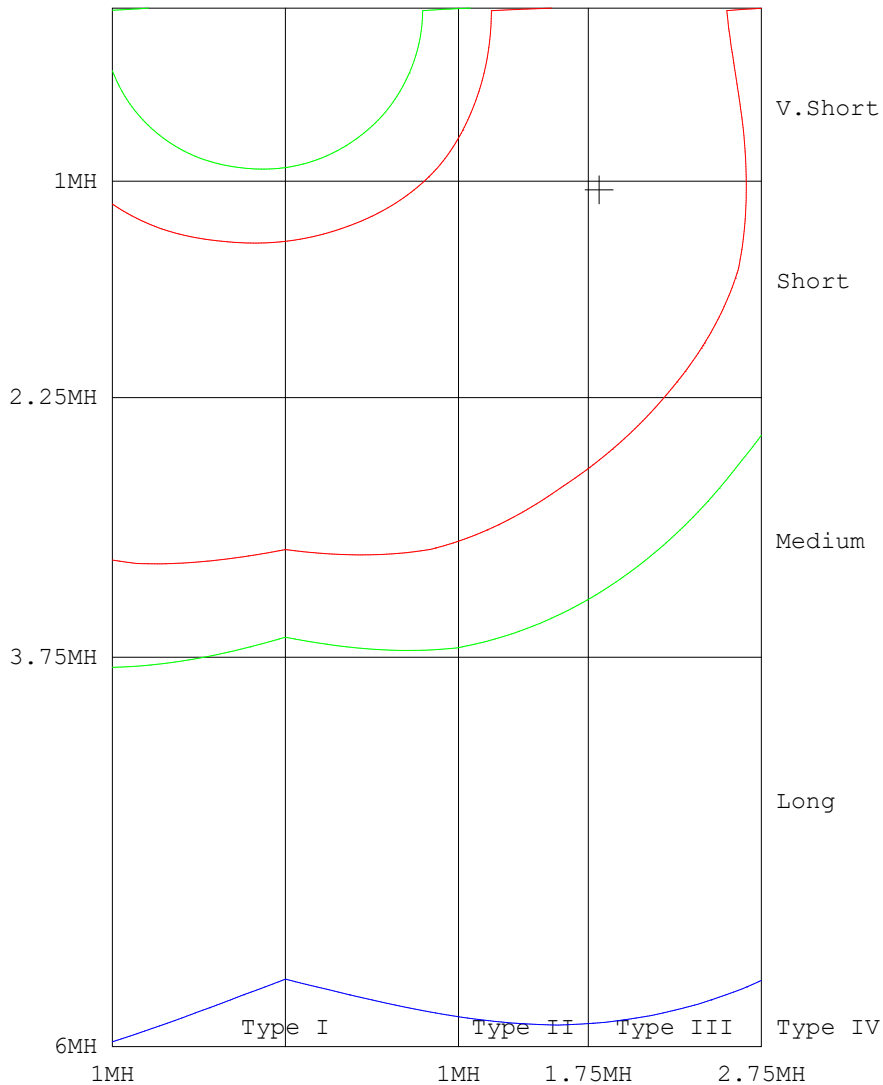


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8126.14x1 lm		
NAME: ST10-060-UD-3070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	52.1	Road	1251.3	γ Range: 500.6 - 90DEG	2.5% 62.574
C Interval: 2.5DEG		50%		1251.3	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

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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	968	969	969	969	969	969	969	969	969	969	970	970	970	970	970	970	970	970	970
10	976	976	976	977	977	977	977	978	978	978	978	979	979	979	979	979	980	980	980
15	988	989	989	990	990	990	991	991	992	992	992	993	993	993	994	994	994	995	995
20	1005	1006	1006	1007	1007	1008	1009	1009	1010	1010	1011	1012	1012	1013	1013	1014	1014	1015	1015
25	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1037	1038	1039	1040	1041	1042	1042	1043
30	1059	1061	1062	1064	1065	1067	1069	1070	1072	1073	1075	1076	1078	1079	1081	1082	1083	1085	1086
35	1111	1113	1116	1118	1121	1123	1126	1129	1132	1134	1137	1140	1142	1145	1147	1149	1151	1153	1155
40	1191	1195	1199	1202	1206	1210	1214	1218	1222	1226	1230	1234	1238	1241	1245	1248	1251	1254	1258
45	1324	1329	1335	1341	1346	1352	1358	1363	1368	1373	1378	1383	1388	1392	1396	1401	1405	1410	1414
50	1549	1557	1564	1571	1578	1584	1590	1595	1600	1605	1609	1613	1618	1622	1626	1631	1636	1641	1647
55	1856	1865	1875	1883	1891	1899	1906	1912	1917	1921	1925	1929	1933	1937	1941	1946	1951	1956	1962
60	2203	2213	2224	2234	2243	2252	2259	2265	2269	2273	2276	2279	2282	2285	2287	2291	2294	2298	2302
65	2419	2430	2441	2451	2460	2469	2476	2480	2483	2485	2486	2486	2486	2486	2485	2484	2483	2483	2483
70	2161	2172	2182	2190	2198	2204	2208	2206	2203	2197	2191	2183	2175	2169	2163	2157	2150	2142	2133
75	1177	1202	1228	1253	1278	1301	1321	1328	1331	1331	1328	1322	1314	1305	1294	1282	1269	1254	1239
80	491	501	513	525	538	550	562	572	581	588	593	596	597	590	581	570	558	546	535
85	178	184	190	195	201	205	209	210	209	208	206	203	199	194	188	182	177	172	168
90	0.73	0.71	0.68	0.65	0.63	0.60	0.58	0.57	0.56	0.56	0.55	0.55	0.54	0.54	0.53	0.52	0.51	0.50	0.49

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

$\gamma$ (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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	970	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971
10	980	980	980	981	981	981	981	981	981	981	981	981	981	981	981	981	981	981	981
15	995	995	996	996	996	996	997	997	997	997	997	997	997	997	997	997	997	997	997
20	1015	1016	1016	1017	1017	1017	1017	1018	1018	1018	1018	1018	1018	1019	1019	1019	1019	1019	1019
25	1044	1044	1045	1046	1046	1047	1047	1048	1048	1048	1049	1049	1049	1049	1050	1050	1050	1050	1050
30	1087	1089	1090	1091	1092	1093	1094	1094	1095	1096	1096	1097	1097	1097	1098	1098	1098	1098	1098
35	1157	1160	1161	1163	1165	1167	1168	1169	1170	1171	1172	1173	1174	1174	1175	1175	1175	1176	1175
40	1261	1264	1268	1271	1274	1277	1279	1282	1284	1286	1287	1289	1290	1292	1293	1294	1294	1295	1294
45	1420	1425	1431	1436	1442	1447	1452	1457	1461	1465	1469	1472	1475	1478	1481	1482	1484	1484	1484
50	1654	1662	1671	1679	1688	1696	1704	1712	1719	1725	1732	1737	1742	1746	1749	1752	1754	1754	1754
55	1971	1980	1990	2000	2010	2020	2028	2036	2044	2051	2057	2063	2067	2071	2074	2075	2077	2077	2077
60	2310	2318	2326	2334	2342	2350	2358	2364	2370	2375	2379	2382	2382	2381	2379	2377	2375	2373	2375
65	2487	2492	2496	2499	2500	2499	2493	2484	2472	2458	2443	2425	2395	2366	2337	2312	2292	2278	2292
70	2127	2119	2109	2094	2076	2051	2008	1959	1907	1853	1798	1743	1686	1634	1587	1548	1518	1500	1518
75	1228	1216	1203	1186	1167	1143	1103	1060	1014	968	923	881	846	815	789	769	755	748	755
80	531	528	525	520	514	506	486	464	441	417	394	373	358	345	335	327	322	320	322
85	169	171	173	174	175	175	168	159	150	140	130	121	114	109	105	102	100.0	99.1	100.0
90	0.49	0.48	0.48	0.47	0.47	0.47	0.46	0.46	0.45	0.45	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43

C Range: 0 - 360DEG	$\gamma$ Range: 0 - 90DEG
C Interval: 2.5DEG	$\gamma$ 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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	971	971	971	971	971	971	971	971	971	971	971	971	971	971	971	970	970	970	970
10	981	981	981	981	981	981	981	981	981	981	981	981	981	980	980	980	980	980	980
15	997	997	997	997	997	997	997	997	997	997	996	996	996	996	995	995	995	995	994
20	1019	1019	1019	1018	1018	1018	1018	1018	1018	1017	1017	1017	1017	1016	1016	1015	1015	1015	1014
25	1050	1050	1049	1049	1049	1049	1048	1048	1048	1047	1047	1046	1046	1045	1044	1044	1043	1042	1042
30	1098	1098	1097	1097	1097	1096	1096	1095	1094	1094	1093	1092	1091	1090	1089	1087	1086	1085	1083
35	1175	1175	1174	1174	1173	1172	1171	1170	1169	1168	1167	1165	1163	1161	1160	1157	1155	1153	1151
40	1294	1293	1292	1290	1289	1287	1286	1284	1282	1279	1277	1274	1271	1268	1264	1261	1258	1254	1251
45	1482	1481	1478	1475	1472	1469	1465	1461	1457	1452	1447	1442	1436	1431	1425	1420	1414	1410	1405
50	1752	1749	1746	1742	1737	1732	1725	1719	1712	1704	1696	1688	1679	1671	1662	1654	1647	1641	1636
55	2075	2074	2071	2067	2063	2057	2051	2044	2036	2028	2020	2010	2000	1990	1980	1971	1962	1956	1951
60	2377	2379	2381	2382	2382	2379	2375	2370	2364	2358	2350	2342	2334	2326	2318	2310	2302	2298	2294
65	2312	2337	2366	2395	2425	2443	2458	2472	2484	2493	2499	2500	2499	2496	2492	2487	2483	2483	2483
70	1548	1587	1634	1686	1743	1798	1853	1907	1959	2008	2051	2076	2094	2109	2119	2127	2133	2142	2150
75	769	789	815	846	881	923	968	1014	1060	1103	1143	1167	1186	1203	1216	1228	1239	1254	1269
80	327	335	345	358	373	394	417	441	464	486	506	514	520	525	528	531	535	546	558
85	102	105	109	114	121	130	140	150	159	168	175	175	174	173	171	169	168	172	177
90	0.43	0.43	0.44	0.44	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.49	0.49	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--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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	970	970	970	970	970	970	969	969	969	969	969	969	969	969	969	968	968	968	968
10	979	979	979	979	979	978	978	978	978	977	977	977	977	976	976	976	976	975	975
15	994	994	993	993	993	992	992	992	991	991	990	990	990	989	989	988	988	987	987
20	1014	1013	1013	1012	1012	1011	1010	1010	1009	1009	1008	1007	1007	1006	1006	1005	1004	1004	1003
25	1041	1040	1039	1038	1037	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024
30	1082	1081	1079	1078	1076	1075	1073	1072	1070	1069	1067	1065	1064	1062	1061	1059	1058	1056	1055
35	1149	1147	1145	1142	1140	1137	1134	1132	1129	1126	1123	1121	1118	1116	1113	1111	1108	1106	1104
40	1248	1245	1241	1238	1234	1230	1226	1222	1218	1214	1210	1206	1202	1199	1195	1191	1187	1184	1180
45	1401	1396	1392	1388	1383	1378	1373	1368	1363	1358	1352	1346	1341	1335	1329	1324	1318	1313	1307
50	1631	1626	1622	1618	1613	1609	1605	1600	1595	1590	1584	1578	1571	1564	1557	1549	1541	1533	1524
55	1946	1941	1937	1933	1929	1925	1921	1917	1912	1906	1899	1891	1883	1875	1865	1856	1847	1838	1828
60	2291	2287	2285	2282	2279	2276	2273	2269	2265	2259	2252	2243	2234	2224	2213	2203	2195	2187	2179
65	2484	2485	2486	2486	2486	2486	2485	2483	2480	2476	2469	2460	2451	2441	2430	2419	2418	2417	2416
70	2157	2163	2169	2175	2183	2191	2197	2203	2206	2208	2204	2198	2190	2182	2172	2161	2175	2188	2201
75	1282	1294	1305	1314	1322	1328	1331	1331	1328	1321	1301	1278	1253	1228	1202	1177	1214	1253	1292
80	570	581	590	597	596	593	588	581	572	562	550	538	525	513	501	491	506	524	543
85	182	188	194	199	203	206	208	209	210	209	205	201	195	190	184	178	187	196	206
90	0.52	0.53	0.54	0.54	0.55	0.55	0.56	0.56	0.57	0.58	0.60	0.63	0.65	0.68	0.71	0.73	0.78	0.82	0.86

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

C (DEG)\nγ (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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	968	968	968	967	967	967	967	967	967	966	966	966	966	966	966	966	966	966	965
10	975	974	974	974	973	973	973	972	972	972	971	971	971	971	970	970	970	970	969
15	986	986	985	985	984	984	983	982	982	981	981	981	980	980	979	979	979	978	978
20	1002	1001	1000	1000	999	998	997	996	996	995	994	994	993	992	992	991	991	990	990
25	1023	1022	1021	1020	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1009	1008	1007	1006	1005
30	1053	1052	1050	1049	1047	1045	1044	1042	1040	1039	1038	1037	1035	1034	1033	1032	1031	1030	1029
35	1102	1100	1098	1095	1093	1090	1088	1085	1083	1081	1079	1077	1076	1074	1072	1070	1069	1067	1066
40	1177	1173	1170	1166	1162	1158	1154	1151	1147	1144	1141	1138	1135	1133	1130	1127	1125	1123	1121
45	1301	1296	1290	1284	1277	1271	1265	1258	1253	1248	1243	1238	1234	1230	1227	1223	1220	1216	1214
50	1515	1506	1497	1486	1475	1464	1453	1443	1433	1424	1416	1409	1402	1396	1391	1386	1382	1378	1375
55	1818	1807	1795	1781	1766	1751	1736	1721	1707	1694	1683	1672	1662	1653	1645	1639	1634	1630	1627
60	2170	2160	2149	2135	2121	2106	2091	2076	2061	2047	2034	2021	2009	1998	1988	1981	1975	1970	1966
65	2414	2412	2409	2403	2396	2389	2380	2372	2362	2353	2343	2334	2324	2315	2307	2301	2295	2290	2285
70	2213	2225	2235	2241	2245	2248	2250	2251	2250	2248	2245	2241	2237	2233	2229	2232	2235	2236	2234
75	1331	1369	1404	1428	1448	1465	1479	1489	1497	1499	1498	1496	1493	1489	1485	1494	1501	1507	1509
80	564	584	606	628	649	669	688	704	717	718	717	714	709	704	699	705	711	716	719
85	215	224	233	240	246	251	255	258	260	258	255	252	249	246	245	253	261	269	277
90	0.89	0.92	0.94	0.95	0.97	0.97	0.98	0.98	0.98	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.89	0.88	0.87

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℃                      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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965
10	969	969	969	969	969	968	968	968	968	968	968	968	968	968	968	968	968	968	968
15	978	977	977	977	977	976	976	976	976	976	976	976	976	976	976	976	976	976	976
20	989	989	988	988	988	987	987	987	986	986	986	986	986	986	986	986	986	986	986
25	1005	1004	1004	1003	1003	1002	1002	1002	1001	1001	1001	1001	1000	1000	1000	1001	1001	1001	1001
30	1028	1027	1026	1025	1025	1024	1024	1023	1023	1023	1022	1022	1022	1022	1022	1022	1022	1023	1023
35	1064	1063	1062	1061	1060	1059	1058	1058	1057	1056	1056	1056	1055	1055	1055	1056	1056	1056	1057
40	1119	1117	1115	1114	1112	1111	1110	1109	1108	1107	1106	1106	1105	1105	1105	1106	1106	1107	1108
45	1211	1209	1207	1205	1204	1202	1201	1200	1199	1198	1197	1196	1196	1196	1196	1196	1197	1198	1199
50	1373	1371	1370	1370	1370	1370	1371	1371	1371	1370	1370	1369	1369	1369	1369	1369	1370	1370	1371
55	1625	1623	1624	1625	1626	1628	1630	1632	1632	1632	1631	1631	1630	1630	1630	1631	1631	1632	1632
60	1963	1960	1959	1959	1959	1959	1960	1960	1957	1955	1952	1950	1948	1947	1948	1950	1952	1955	1957
65	2279	2274	2267	2260	2252	2243	2234	2224	2208	2192	2177	2164	2153	2146	2153	2164	2177	2192	2208
70	2229	2219	2192	2161	2126	2088	2047	2006	1956	1908	1864	1827	1797	1778	1797	1827	1864	1908	1956
75	1505	1495	1459	1417	1370	1320	1270	1220	1176	1136	1100	1071	1050	1038	1050	1071	1100	1136	1176
80	720	716	695	670	643	615	587	560	540	523	509	498	491	487	491	498	509	523	540
85	282	286	277	266	253	239	225	212	205	199	194	191	189	188	189	191	194	199	205
90	0.86	0.85	0.83	0.81	0.78	0.76	0.73	0.70	0.68	0.67	0.65	0.64	0.63	0.63	0.63	0.64	0.65	0.67	0.68

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

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	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966	966
5	965	965	965	965	965	965	965	965	965	966	966	966	966	966	966	966	966	966	967
10	968	968	968	969	969	969	969	969	969	970	970	970	970	971	971	971	971	972	972
15	976	976	976	977	977	977	977	978	978	978	979	979	979	980	980	981	981	981	982
20	987	987	987	988	988	988	989	989	990	990	991	991	992	992	993	994	994	995	996
25	1002	1002	1002	1003	1003	1004	1004	1005	1005	1006	1007	1008	1009	1009	1010	1011	1012	1013	1014
30	1023	1024	1024	1025	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1037	1038	1039	1040
35	1058	1058	1059	1060	1061	1062	1063	1064	1066	1067	1069	1070	1072	1074	1076	1077	1079	1081	1083
40	1109	1110	1111	1112	1114	1115	1117	1119	1121	1123	1125	1127	1130	1133	1135	1138	1141	1144	1147
45	1200	1201	1202	1204	1205	1207	1209	1211	1214	1216	1220	1223	1227	1230	1234	1238	1243	1248	1253
50	1371	1371	1370	1370	1370	1370	1371	1373	1375	1378	1382	1386	1391	1396	1402	1409	1416	1424	1433
55	1632	1630	1628	1626	1625	1624	1623	1625	1627	1630	1634	1639	1645	1653	1662	1672	1683	1694	1707
60	1960	1960	1959	1959	1959	1959	1960	1963	1966	1970	1975	1981	1988	1998	2009	2021	2034	2047	2061
65	2224	2234	2243	2252	2260	2267	2274	2279	2285	2290	2295	2301	2307	2315	2324	2334	2343	2353	2362
70	2006	2047	2088	2126	2161	2192	2219	2229	2234	2236	2235	2232	2229	2233	2237	2241	2245	2248	2250
75	1220	1270	1320	1370	1417	1459	1495	1505	1509	1507	1501	1494	1485	1489	1493	1496	1498	1499	1497
80	560	587	615	643	670	695	716	720	719	716	711	705	699	704	709	714	717	718	717
85	212	225	239	253	266	277	286	282	277	269	261	253	245	246	249	252	255	258	260
90	0.70	0.73	0.76	0.78	0.81	0.83	0.85	0.86	0.87	0.88	0.89	0.89	0.90	0.91	0.93	0.94	0.96	0.97	0.98

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**

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**LUMINOUS DISTRIBUTION INTENSITY DATA**

Table--8

UNIT: cd

C (DEG) γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5									
0	966	966	966	966	966	966	966	966	966	966	966									
5	967	967	967	967	967	968	968	968	968	968	968									
10	972	973	973	973	974	974	974	975	975	975	976									
15	982	983	984	984	985	985	986	986	987	987	988									
20	996	997	998	999	1000	1000	1001	1002	1003	1004	1004									
25	1015	1016	1017	1018	1020	1021	1022	1023	1024	1025	1026									
30	1042	1044	1045	1047	1049	1050	1052	1053	1055	1056	1058									
35	1085	1088	1090	1093	1095	1098	1100	1102	1104	1106	1108									
40	1151	1154	1158	1162	1166	1170	1173	1177	1180	1184	1187									
45	1258	1265	1271	1277	1284	1290	1296	1301	1307	1313	1318									
50	1443	1453	1464	1475	1486	1497	1506	1515	1524	1533	1541									
55	1721	1736	1751	1766	1781	1795	1807	1818	1828	1838	1847									
60	2076	2091	2106	2121	2135	2149	2160	2170	2179	2187	2195									
65	2372	2380	2389	2396	2403	2409	2412	2414	2416	2417	2418									
70	2251	2250	2248	2245	2241	2235	2225	2213	2201	2188	2175									
75	1489	1479	1465	1448	1428	1404	1369	1331	1292	1253	1214									
80	704	688	669	649	628	606	584	564	543	524	506									
85	258	255	251	246	240	233	224	215	206	196	187									
90	0.98	0.98	0.97	0.97	0.95	0.94	0.92	0.89	0.86	0.82	0.78									

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: