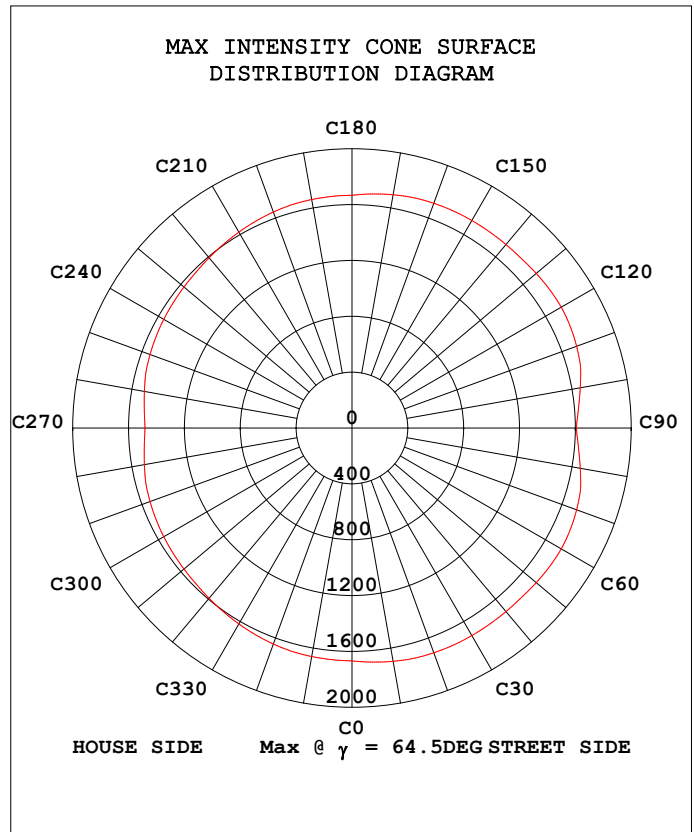
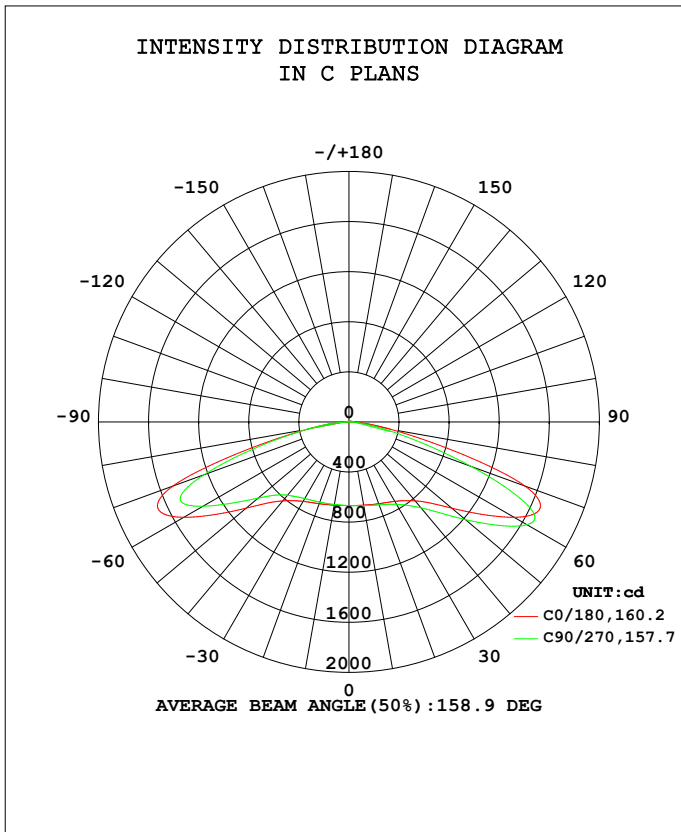


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:5619.09x1 lm		
NAME: ST10-040-UD-5070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

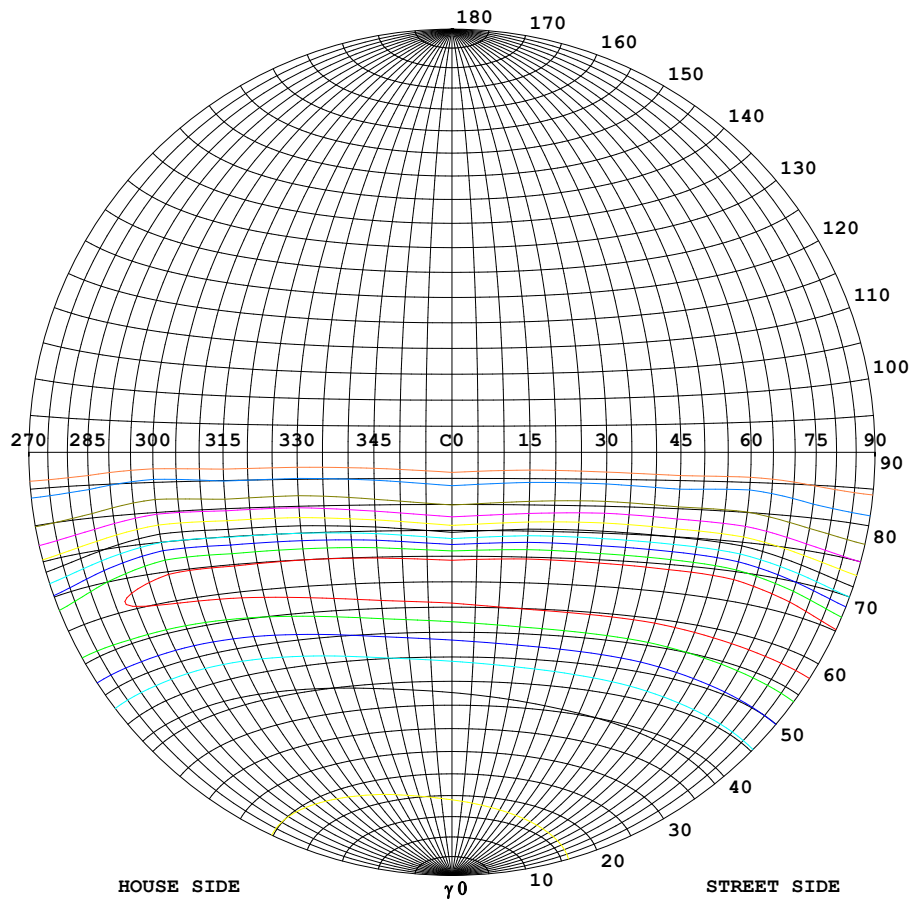
DATA OF LAMP		PHOTOMETRIC DATA Eff: 140.48 lm/W			
MODEL	/	I _{max} (cd)	1731	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	50.9
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	5619	η house_up (%)	0.0
NOMINAL FLUX (lm)	5619.09	MAXIMUM @ (C, γ)	60, 64.5	η house_down (%)	49.1
LAMPS INSIDE	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:

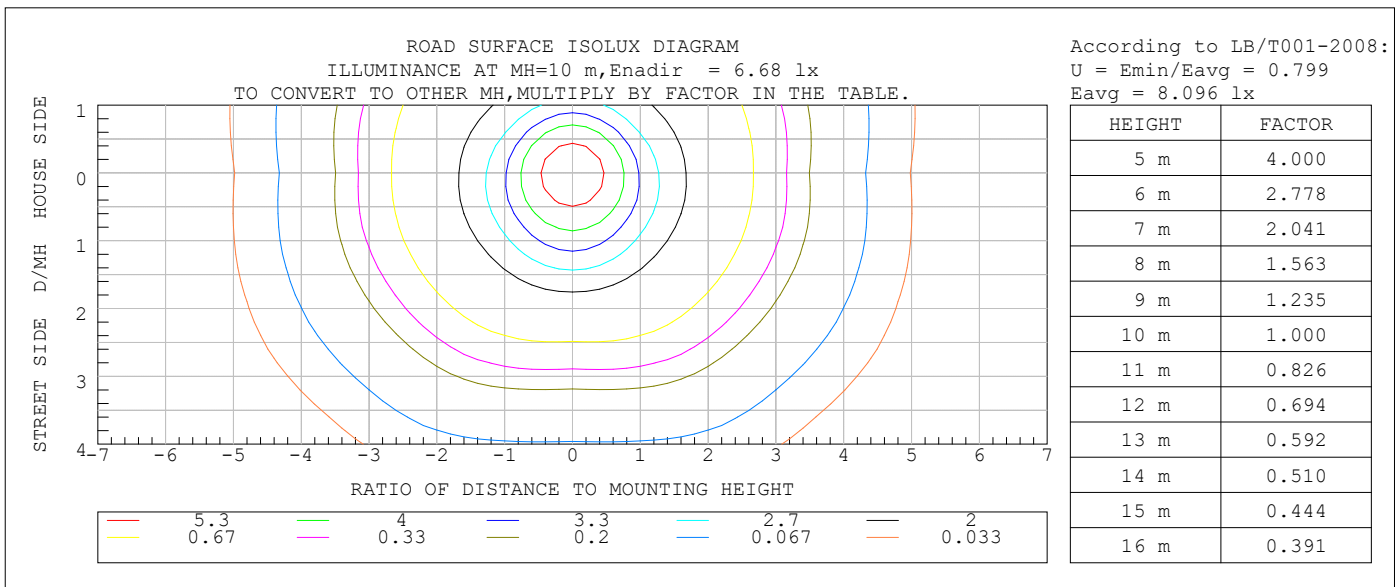
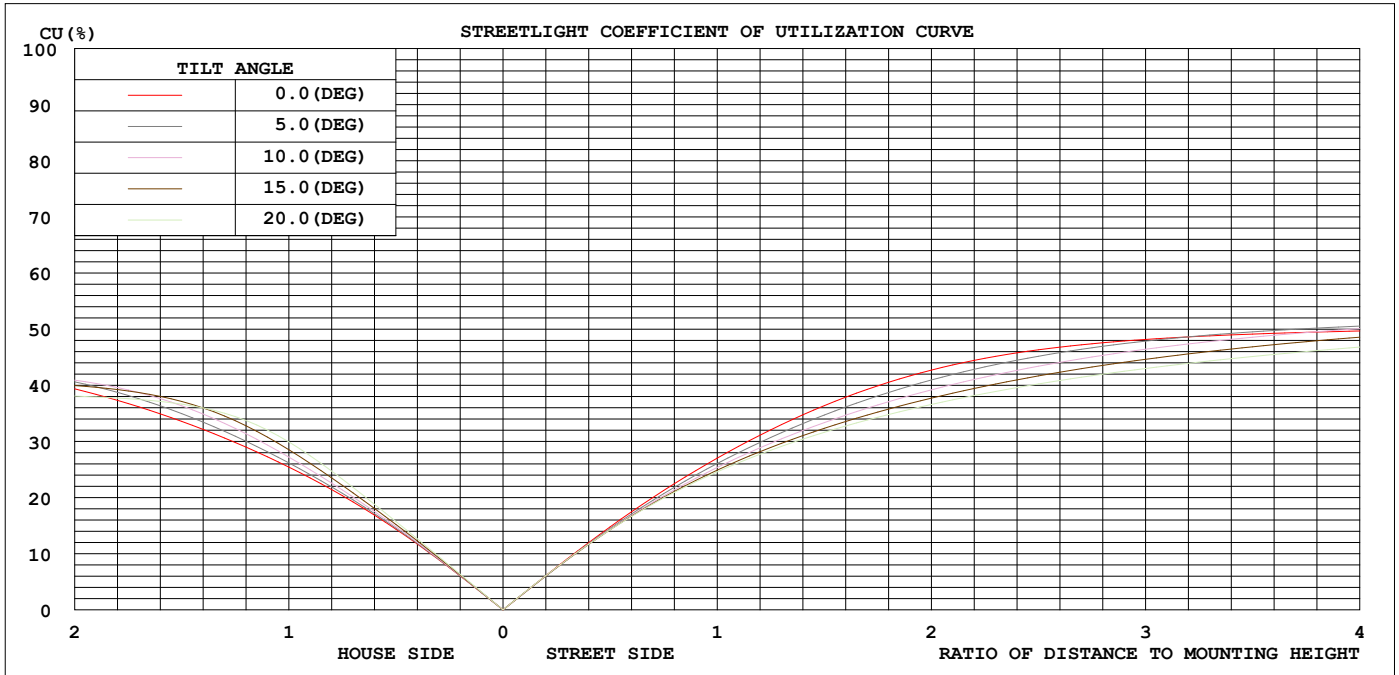
IES:Type VS - Short
 CIE:Broad - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:88.56cd/klm
 Max.At90:0.1205cd/klm
 Max.80-90:88.56cd/klm
 NRB 5101:Semi limited[15.6%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1731
90%	1558
80%	1385
70%	1212
60%	1038
50%	865
40%	692
30%	519
20%	346
10%	173
5%	87

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

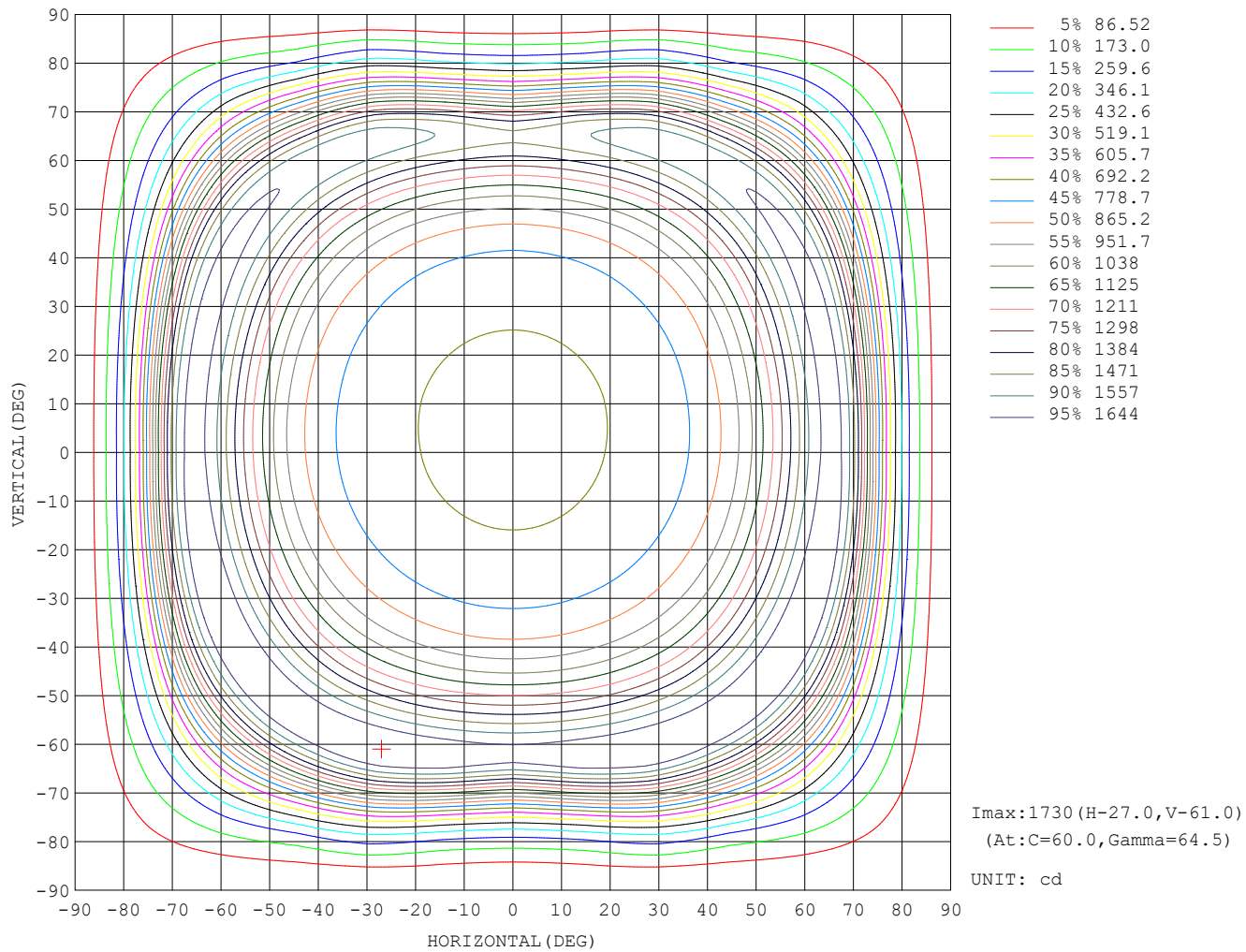
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	674.8	677.6	678.7	677.6	674.8	671.0	669.3	671.0	0- 10	64.06	64.06	1.14,1.14
20	694.9	701.9	704.5	701.9	694.9	685.9	681.7	685.9	10- 20	193.9	258.0	4.59,4.59
30	732.4	751.0	759.4	751.0	732.4	714.4	706.7	714.4	20- 30	329.5	587.5	10.5,10.5
40	823.4	869.6	895.1	869.6	823.4	781.4	764.2	781.4	30- 40	486.9	1074	19.1,19.1
50	1071	1139	1213	1139	1071	961.6	946.6	961.6	40- 50	720.3	1795	31.9,31.9
60	1523	1592	1641	1592	1523	1375	1346	1375	50- 60	1146	2941	52.3,52.3
70	1495	1475	1037	1475	1495	1541	1230	1541	60- 70	1575	4516	80.4,80.4
80	339.3	369.7	221.5	369.7	339.3	483.4	337.0	483.4	70- 80	936.3	5453	97,97
90	0.5046	0.3421	0.2993	0.3421	0.5046	0.6211	0.4333	0.6211	80- 90	166.5	5619	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:

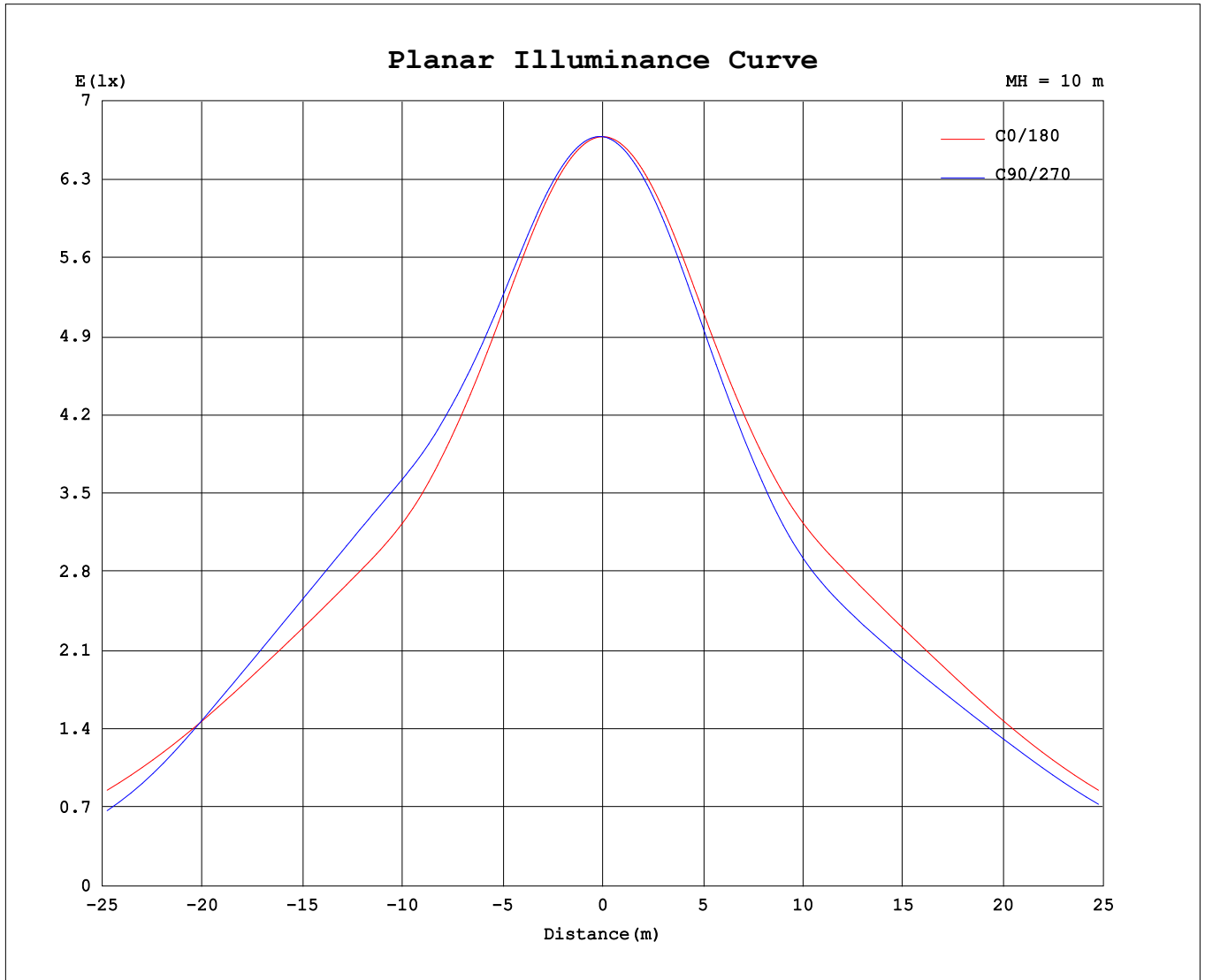
ISOCANDELA DIAGRAM



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

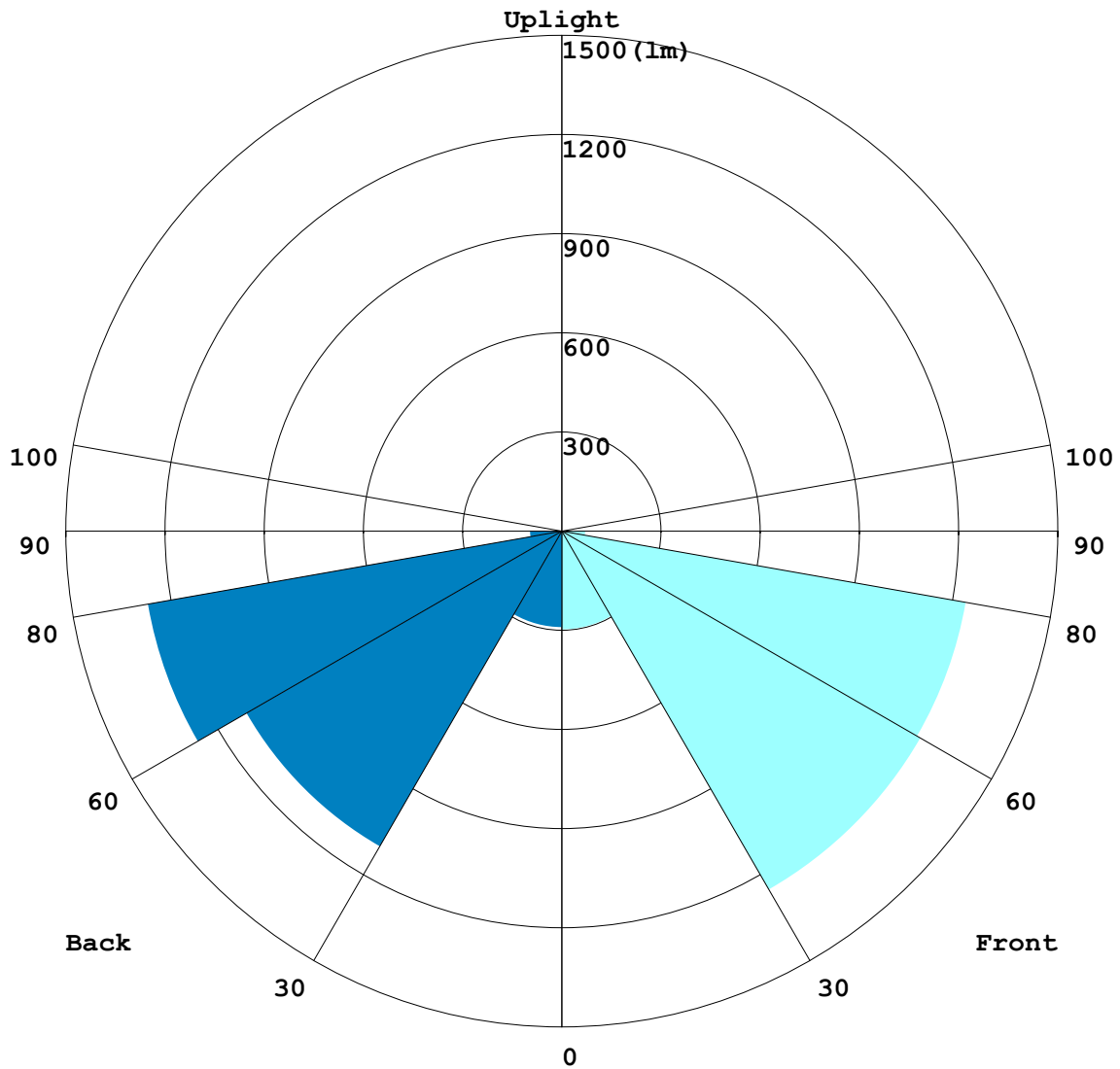
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

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:5619.09x1 lm		
NAME: ST10-040-UD-5070-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

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:5619.09x1 lm		
NAME: ST10-040-UD-5070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	297.21	5.3
FM - Front-Medium(30-60)	1252.1	22.3
FH - Front-High(60-80)	1240.5	22.1
FVH - Front-Very High(80-90)	70.535	1.3
Total Forward Light	2860.3	50.9

BL - Back-Low(0-30)	290.3	5.2
BM - Back-Medium(30-60)	1101.3	19.6
BH - Back-High(60-80)	1271.2	22.6
BVH - Back-Very High(80-90)	95.965	1.7
Total Back Light	2758.8	49.1

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	B3-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2758.8	0	2758.8
Street Side	2860.3	0	2860.3

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

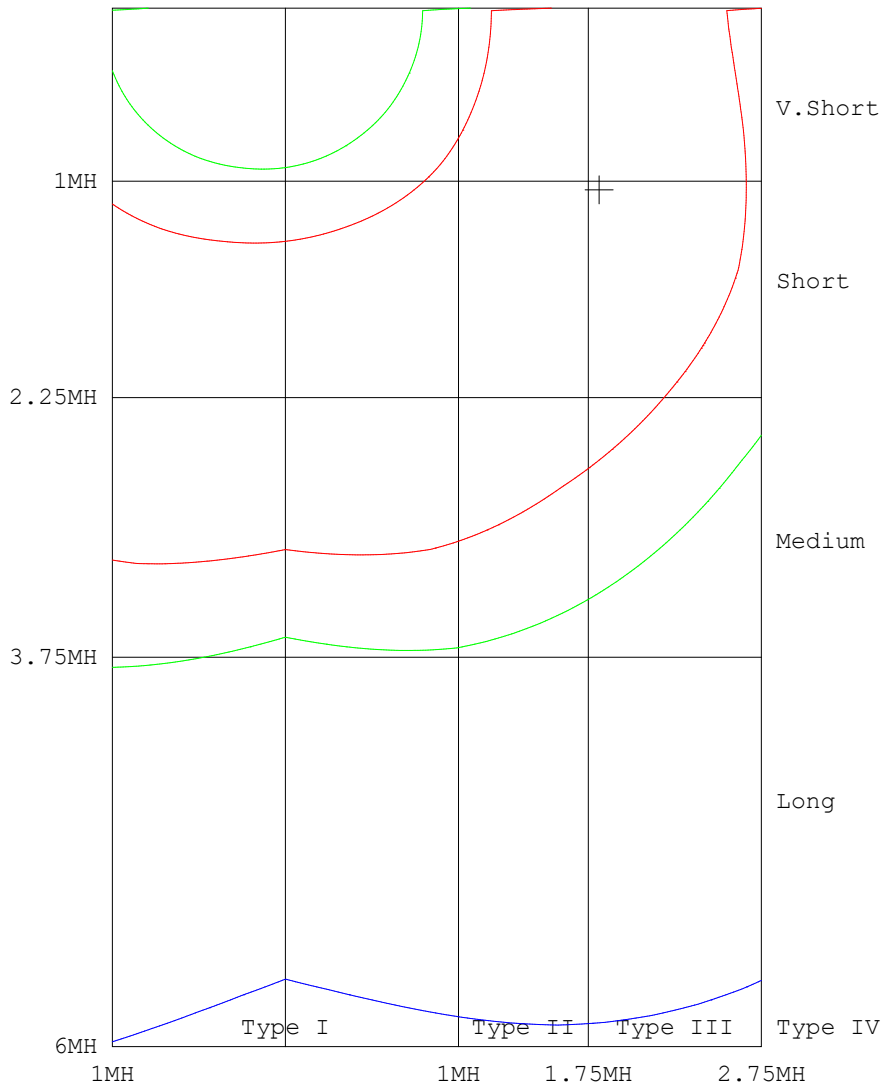
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

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:5619.09x1 lm		
NAME: ST10-040-UD-5070-A08805	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement Road Range: 340.15 - 90DEG 2.5% 43.269
 C Interval: 2.5DEG 70% 121.50% 80% 85.38% 5% 88.538%
 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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	670	670	670	670	670	670	670	670	670	670	670	671	671	671	671	671	671	671	671
10	675	675	675	675	675	676	676	676	676	676	676	677	677	677	677	677	677	677	678
15	683	684	684	684	685	685	685	685	686	686	686	686	687	687	687	687	687	688	688
20	695	695	696	696	697	697	697	698	698	699	699	699	700	700	701	701	701	702	702
25	710	711	711	712	713	713	714	715	715	716	717	717	718	719	719	720	720	721	721
30	732	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751
35	768	770	771	773	775	777	779	781	782	784	786	788	790	791	793	795	796	798	799
40	823	826	829	831	834	837	840	843	845	848	851	853	856	858	861	863	865	867	870
45	915	919	923	927	931	935	939	942	946	950	953	956	960	963	966	969	972	975	978
50	1071	1076	1081	1086	1091	1095	1100	1103	1106	1110	1113	1116	1118	1121	1124	1128	1131	1135	1139
55	1283	1290	1296	1302	1308	1313	1318	1322	1325	1329	1331	1334	1337	1340	1343	1346	1349	1353	1357
60	1523	1530	1538	1544	1551	1557	1562	1566	1569	1572	1574	1576	1578	1580	1582	1584	1586	1589	1592
65	1673	1680	1688	1695	1701	1707	1712	1715	1717	1718	1719	1719	1719	1719	1718	1718	1717	1717	1717
70	1495	1502	1508	1515	1520	1524	1527	1526	1523	1519	1515	1510	1504	1500	1496	1491	1486	1481	1475
75	814	831	849	867	884	900	913	918	921	921	918	914	909	902	895	886	877	867	857
80	339	347	355	363	372	381	389	396	402	407	410	412	413	408	402	394	386	378	370
85	123	127	131	135	139	142	145	145	145	144	142	140	138	134	130	126	122	119	116
90	0.50	0.49	0.47	0.45	0.43	0.42	0.40	0.39	0.39	0.38	0.38	0.38	0.38	0.37	0.36	0.36	0.35	0.35	0.34

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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	671	671	671	671	671	671	671	671	671	671	672	672	672	672	672	672	672	672	672
10	678	678	678	678	678	678	678	678	678	678	678	679	679	679	679	679	679	679	679
15	688	688	688	689	689	689	689	689	689	689	689	689	690	690	690	690	690	690	690
20	702	702	703	703	703	703	703	704	704	704	704	704	704	704	704	704	705	705	705
25	722	722	723	723	723	724	724	724	725	725	725	725	726	726	726	726	726	726	726
30	752	753	754	754	755	756	756	757	757	758	758	758	759	759	759	759	759	759	759
35	800	802	803	804	806	807	808	808	809	810	810	811	812	812	812	813	813	813	813
40	872	874	877	879	881	883	885	886	888	889	890	891	892	893	894	895	895	895	895
45	982	985	989	993	997	1001	1004	1007	1010	1013	1016	1018	1020	1022	1024	1025	1026	1026	1026
50	1144	1150	1155	1161	1167	1173	1178	1183	1188	1193	1197	1201	1205	1207	1210	1211	1213	1213	1213
55	1363	1369	1376	1383	1390	1397	1402	1408	1413	1418	1423	1426	1429	1432	1434	1435	1436	1436	1436
60	1597	1603	1608	1614	1620	1625	1630	1635	1639	1642	1645	1647	1647	1646	1645	1644	1642	1641	1642
65	1720	1723	1726	1728	1729	1728	1724	1717	1709	1700	1689	1677	1656	1636	1616	1599	1585	1575	1585
70	1471	1465	1458	1448	1435	1418	1388	1355	1319	1281	1243	1205	1166	1130	1097	1070	1050	1037	1050
75	849	841	832	820	807	791	763	733	701	670	638	609	585	564	546	532	522	517	522
80	367	365	363	360	356	350	336	321	305	288	273	258	247	239	232	226	223	221	223
85	117	118	119	121	121	121	116	110	103	96.6	89.9	83.4	79.2	75.6	72.7	70.5	69.1	68.5	69.1
90	0.34	0.33	0.33	0.33	0.32	0.32	0.32	0.32	0.31	0.31	0.31	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30

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:

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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	672	672	672	672	672	672	671	671	671	671	671	671	671	671	671	671	671	671	671
10	679	679	679	679	679	678	678	678	678	678	678	678	678	678	678	678	678	677	677
15	690	690	690	690	689	689	689	689	689	689	689	689	689	688	688	688	688	688	687
20	704	704	704	704	704	704	704	704	704	703	703	703	703	703	702	702	702	702	701
25	726	726	726	726	725	725	725	725	724	724	724	723	723	723	722	722	721	721	720
30	759	759	759	759	758	758	758	757	757	756	756	755	754	754	753	752	751	750	749
35	813	812	812	812	811	810	810	809	808	808	807	806	804	803	802	800	799	798	796
40	895	894	893	892	891	890	889	888	886	885	883	881	879	877	874	872	870	867	865
45	1025	1024	1022	1020	1018	1016	1013	1010	1007	1004	1001	997	993	989	985	982	978	975	972
50	1211	1210	1207	1205	1201	1197	1193	1188	1183	1178	1173	1167	1161	1155	1150	1144	1139	1135	1131
55	1435	1434	1432	1429	1426	1423	1418	1413	1408	1402	1397	1390	1383	1376	1369	1363	1357	1353	1349
60	1644	1645	1646	1647	1647	1645	1642	1639	1635	1630	1625	1620	1614	1608	1603	1597	1592	1589	1586
65	1599	1616	1636	1656	1677	1689	1700	1709	1717	1724	1728	1729	1728	1726	1723	1720	1717	1717	1717
70	1070	1097	1130	1166	1205	1243	1281	1319	1355	1388	1418	1435	1448	1458	1465	1471	1475	1481	1486
75	532	546	564	585	609	638	670	701	733	763	791	807	820	832	841	849	857	867	877
80	226	232	239	247	258	273	288	305	321	336	350	356	360	363	365	367	370	378	386
85	70.5	72.7	75.6	79.2	83.4	89.9	96.6	103	110	116	121	121	121	119	118	117	116	119	122
90	0.30	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.35	0.35

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

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	671	671	671	671	671	670	670	670	670	670	670	670	670	670	670	670	670	669	669
10	677	677	677	677	677	676	676	676	676	676	676	675	675	675	675	675	675	674	674
15	687	687	687	687	686	686	686	686	685	685	685	685	684	684	684	683	683	683	682
20	701	701	700	700	699	699	699	698	698	697	697	697	696	696	695	695	694	694	693
25	720	719	719	718	717	717	716	715	715	714	713	713	712	711	711	710	709	709	708
30	748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	732	731	730	729
35	795	793	791	790	788	786	784	782	781	779	777	775	773	771	770	768	766	765	763
40	863	861	858	856	853	851	848	845	843	840	837	834	831	829	826	823	821	819	816
45	969	966	963	960	956	953	950	946	942	939	935	931	927	923	919	915	911	908	904
50	1128	1124	1121	1118	1116	1113	1110	1106	1103	1100	1095	1091	1086	1081	1076	1071	1066	1060	1054
55	1346	1343	1340	1337	1334	1331	1329	1325	1322	1318	1313	1308	1302	1296	1290	1283	1277	1271	1264
60	1584	1582	1580	1578	1576	1574	1572	1569	1566	1562	1557	1551	1544	1538	1530	1523	1518	1512	1506
65	1718	1718	1719	1719	1719	1719	1718	1717	1715	1712	1707	1701	1695	1688	1680	1673	1672	1671	1671
70	1491	1496	1500	1504	1510	1515	1519	1523	1526	1527	1524	1520	1515	1508	1502	1495	1504	1513	1522
75	886	895	902	909	914	918	921	921	918	913	900	884	867	849	831	814	839	866	894
80	394	402	408	413	412	410	407	402	396	389	381	372	363	355	347	339	350	362	376
85	126	130	134	138	140	142	144	145	145	145	142	139	135	131	127	123	129	136	142
90	0.36	0.36	0.37	0.38	0.38	0.38	0.38	0.39	0.39	0.40	0.42	0.43	0.45	0.47	0.49	0.50	0.54	0.57	0.59

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) \ y (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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	669	669	669	669	669	669	669	668	668	668	668	668	668	668	668	668	668	668	668
10	674	674	673	673	673	673	673	672	672	672	672	672	671	671	671	671	671	671	670
15	682	682	681	681	681	680	680	679	679	679	678	678	678	677	677	677	677	676	676
20	693	692	692	691	691	690	690	689	688	688	688	687	687	686	686	685	685	685	684
25	707	707	706	705	704	703	703	702	701	700	700	699	699	698	697	697	696	696	695
30	728	727	726	725	724	723	722	721	719	719	718	717	716	715	714	714	713	712	711
35	762	760	759	757	756	754	752	751	749	748	746	745	744	742	741	740	739	738	737
40	814	811	809	806	803	801	798	796	793	791	789	787	785	783	781	780	778	776	775
45	900	896	892	888	883	879	874	870	866	863	859	856	853	851	848	846	843	841	839
50	1048	1041	1035	1028	1020	1012	1005	998	991	985	979	974	970	965	962	958	955	953	951
55	1257	1249	1241	1231	1221	1211	1200	1190	1180	1172	1163	1156	1149	1143	1137	1133	1130	1127	1125
60	1500	1493	1486	1477	1467	1456	1446	1436	1425	1416	1406	1397	1389	1382	1375	1370	1366	1362	1359
65	1669	1668	1666	1662	1657	1652	1646	1640	1634	1627	1620	1614	1607	1601	1595	1591	1587	1583	1580
70	1530	1538	1545	1549	1553	1555	1556	1556	1556	1554	1552	1550	1547	1544	1541	1544	1545	1546	1545
75	921	947	971	987	1002	1013	1023	1030	1035	1036	1036	1035	1032	1030	1027	1033	1038	1042	1043
80	390	404	419	434	449	463	476	487	495	497	496	493	490	487	483	488	492	495	497
85	149	155	161	166	170	173	176	179	180	178	176	174	172	170	169	175	180	186	191
90	0.62	0.63	0.65	0.66	0.67	0.67	0.68	0.68	0.67	0.67	0.66	0.65	0.64	0.63	0.62	0.62	0.61	0.61	0.60

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

y Range: 0 - 90DEG
 y 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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667	667
10	670	670	670	670	670	670	670	669	669	669	669	669	669	669	669	669	669	669	669
15	676	676	676	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675	675
20	684	684	683	683	683	683	682	682	682	682	682	682	682	682	682	682	682	682	682
25	695	694	694	694	693	693	693	693	692	692	692	692	692	692	692	692	692	692	692
30	711	710	710	709	709	708	708	708	707	707	707	707	707	707	707	707	707	707	707
35	736	735	734	733	733	732	732	731	731	730	730	730	730	730	730	730	730	730	731
40	773	772	771	770	769	768	767	767	766	766	765	765	764	764	764	765	765	766	766
45	837	836	834	833	832	831	831	830	829	828	828	827	827	827	827	827	828	828	829
50	949	948	948	947	947	947	948	948	948	947	947	947	947	947	947	947	947	947	948
55	1123	1122	1123	1124	1125	1126	1127	1128	1128	1128	1128	1128	1127	1127	1127	1128	1128	1128	1128
60	1357	1356	1355	1355	1355	1355	1355	1355	1354	1352	1350	1349	1347	1346	1347	1349	1350	1352	1354
65	1576	1572	1568	1563	1557	1551	1545	1538	1527	1516	1506	1496	1489	1484	1489	1496	1506	1516	1527
70	1541	1534	1516	1494	1470	1444	1416	1387	1353	1320	1289	1263	1243	1230	1243	1263	1289	1320	1353
75	1041	1034	1009	980	947	913	878	844	813	785	761	741	726	718	726	741	761	785	813
80	498	495	481	464	445	425	406	387	374	362	352	345	340	337	340	345	352	362	374
85	195	198	192	184	175	165	156	147	141	137	134	132	130	130	130	132	134	137	141
90	0.60	0.59	0.57	0.56	0.54	0.52	0.50	0.49	0.47	0.46	0.45	0.44	0.44	0.43	0.44	0.44	0.45	0.46	0.47

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--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	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668	668
5	667	667	667	667	667	667	667	667	668	668	668	668	668	668	668	668	668	668	668
10	669	670	670	670	670	670	670	670	670	671	671	671	671	671	671	672	672	672	672
15	675	675	675	675	675	676	676	676	676	676	677	677	677	677	678	678	678	679	679
20	682	682	683	683	683	683	684	684	684	685	685	685	686	686	687	687	688	688	688
25	693	693	693	693	694	694	694	695	695	696	696	697	697	698	699	699	700	700	701
30	708	708	708	709	709	710	710	711	711	712	713	714	714	715	716	717	718	719	719
35	731	732	732	733	733	734	735	736	737	738	739	740	741	742	744	745	746	748	749
40	767	767	768	769	770	771	772	773	775	776	778	780	781	783	785	787	789	791	793
45	830	831	831	832	833	834	836	837	839	841	843	846	848	851	853	856	859	863	866
50	948	948	947	947	947	948	948	949	951	953	955	958	962	965	970	974	979	985	991
55	1128	1127	1126	1125	1124	1123	1122	1123	1125	1127	1130	1133	1137	1143	1149	1156	1163	1172	1180
60	1355	1355	1355	1355	1355	1355	1356	1357	1359	1362	1366	1370	1375	1382	1389	1397	1406	1416	1425
65	1538	1545	1551	1557	1563	1568	1572	1576	1580	1583	1587	1591	1595	1601	1607	1614	1620	1627	1634
70	1387	1416	1444	1470	1494	1516	1534	1541	1545	1546	1545	1544	1541	1544	1547	1550	1552	1554	1556
75	844	878	913	947	980	1009	1034	1041	1043	1042	1038	1033	1027	1030	1032	1035	1036	1036	1035
80	387	406	425	445	464	481	495	498	497	495	492	488	483	487	490	493	496	497	495
85	147	156	165	175	184	192	198	195	191	186	180	175	169	170	172	174	176	178	180
90	0.49	0.50	0.52	0.54	0.56	0.57	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.65	0.66	0.67	0.67

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

C (DEG) \ γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	668	668	668	668	668	668	668	668	668	668	668								
5	668	669	669	669	669	669	669	669	669	669	670								
10	672	673	673	673	673	673	674	674	674	674	675								
15	679	680	680	681	681	681	682	682	682	683	683								
20	689	690	690	691	691	692	692	693	693	694	694								
25	702	703	703	704	705	706	707	707	708	709	709								
30	721	722	723	724	725	726	727	728	729	730	731								
35	751	752	754	756	757	759	760	762	763	765	766								
40	796	798	801	803	806	809	811	814	816	819	821								
45	870	874	879	883	888	892	896	900	904	908	911								
50	998	1005	1012	1020	1028	1035	1041	1048	1054	1060	1066								
55	1190	1200	1211	1221	1231	1241	1249	1257	1264	1271	1277								
60	1436	1446	1456	1467	1477	1486	1493	1500	1506	1512	1518								
65	1640	1646	1652	1657	1662	1666	1668	1669	1671	1671	1672								
70	1556	1556	1555	1553	1549	1545	1538	1530	1522	1513	1504								
75	1030	1023	1013	1002	987	971	947	921	894	866	839								
80	487	476	463	449	434	419	404	390	376	362	350								
85	179	176	173	170	166	161	155	149	142	136	129								
90	0.68	0.68	0.67	0.67	0.66	0.65	0.63	0.62	0.59	0.57	0.54								

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: