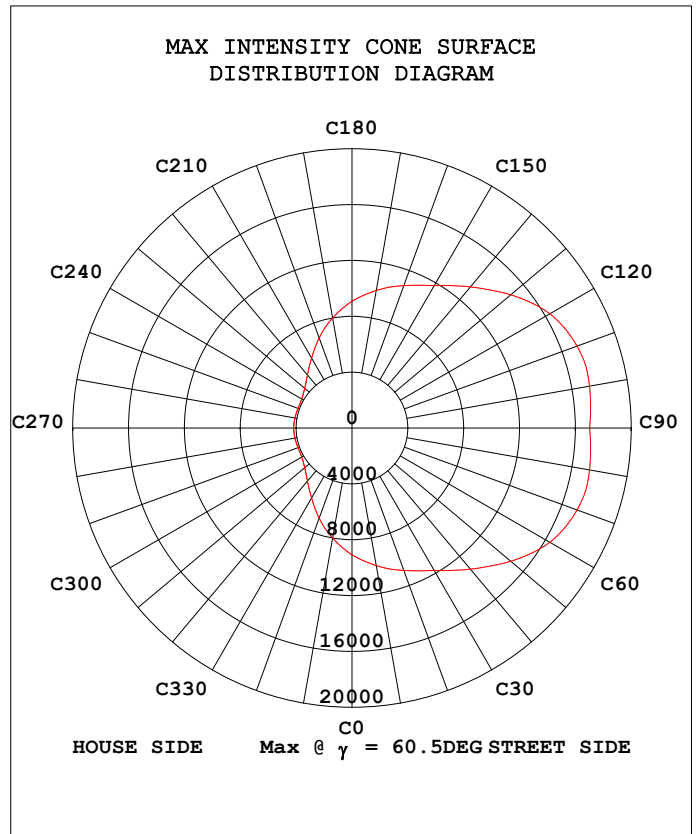
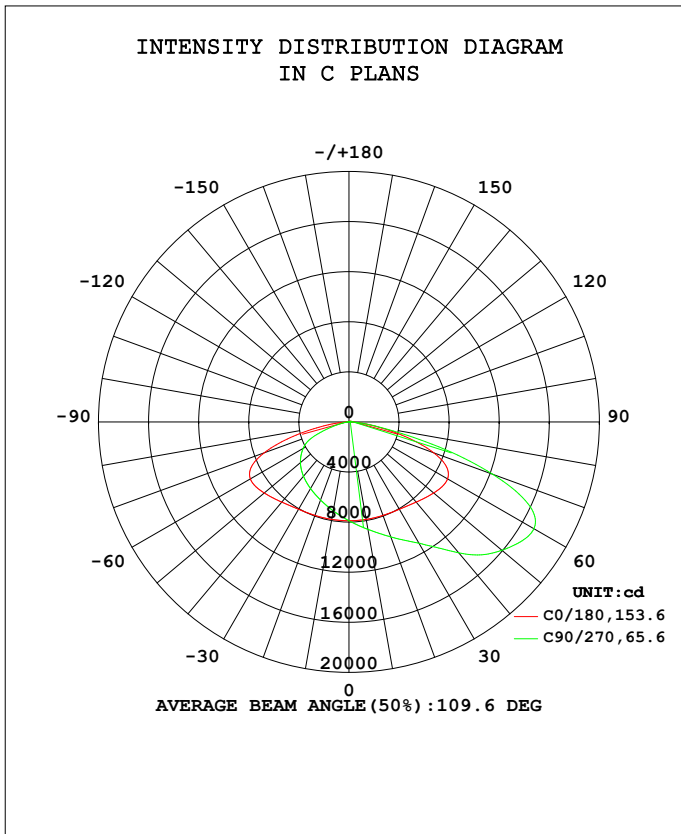


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43488x1 lm		
NAME: ST10-300-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

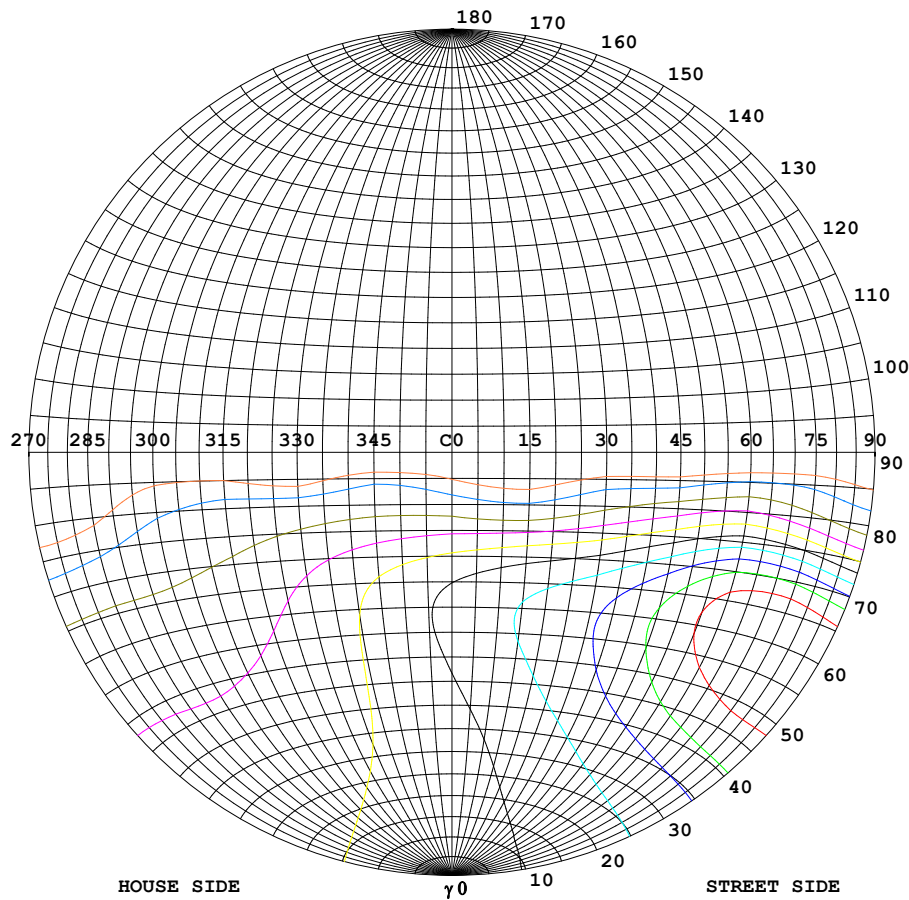
DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.96 lm/W			
MODEL	/	I _{max} (cd)	17326	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	66.8
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	43488	η house_up (%)	0.0
NOMINAL FLUX (lm)	43488	MAXIMUM @ (C, γ)	105,60.5	η house_down (%)	33.2
LAMPS INSIDE	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:

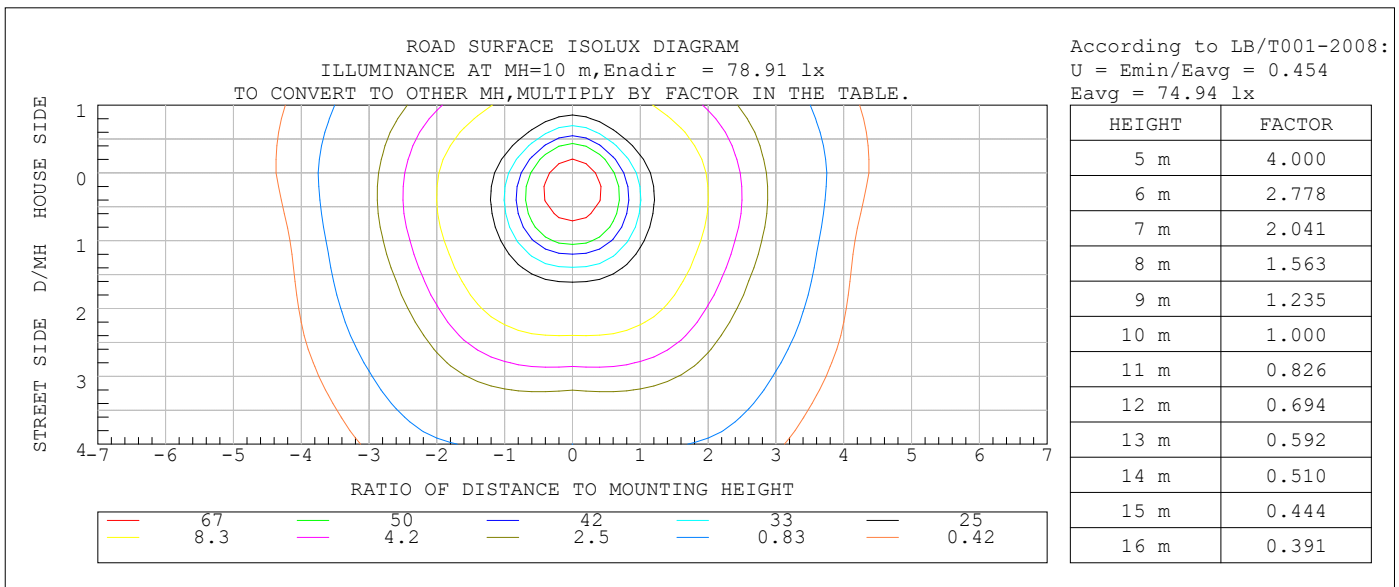
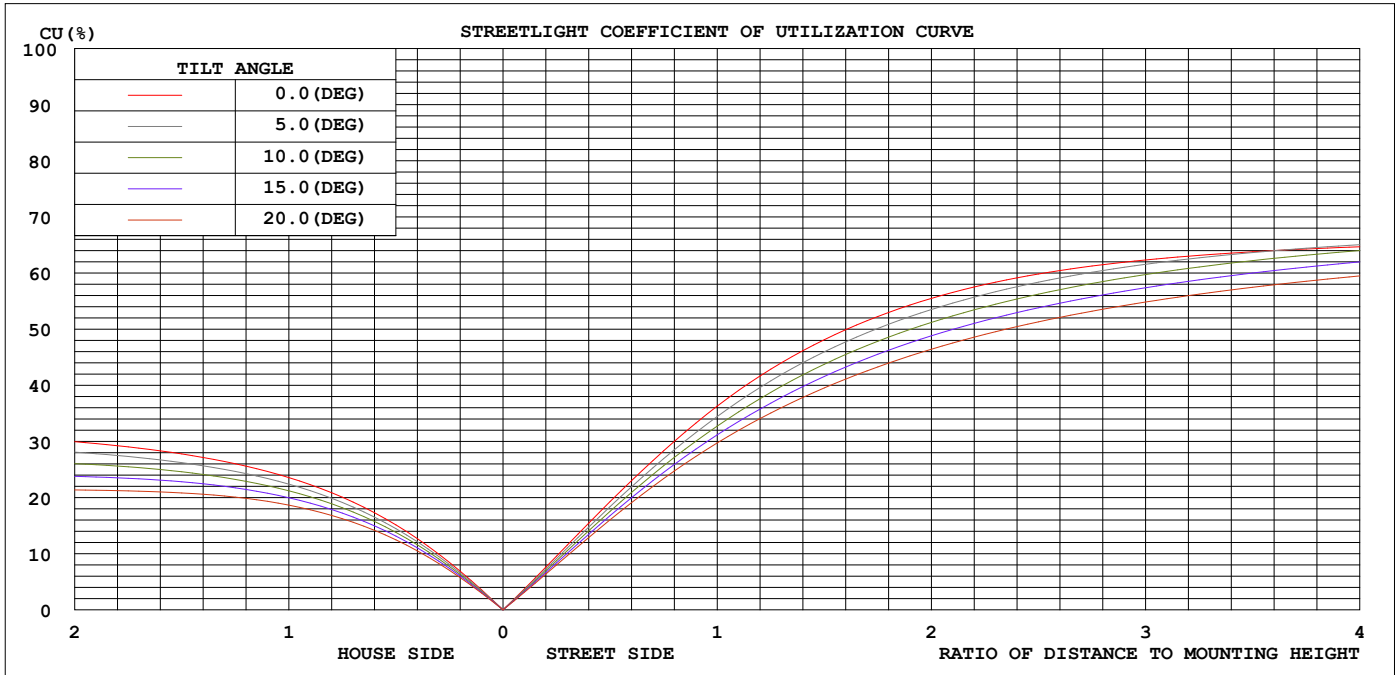
IES:Type IV - Very Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:123.8cd/klm
 Max.At90:0.2179cd/klm
 Max.80-90:123.8cd/klm
 NRB 5101:Semi limited[11.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	17326
90%	15593
80%	13861
70%	12128
60%	10395
50%	8663
40%	6930
30%	5198
20%	3465
10%	1733
5%	866

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

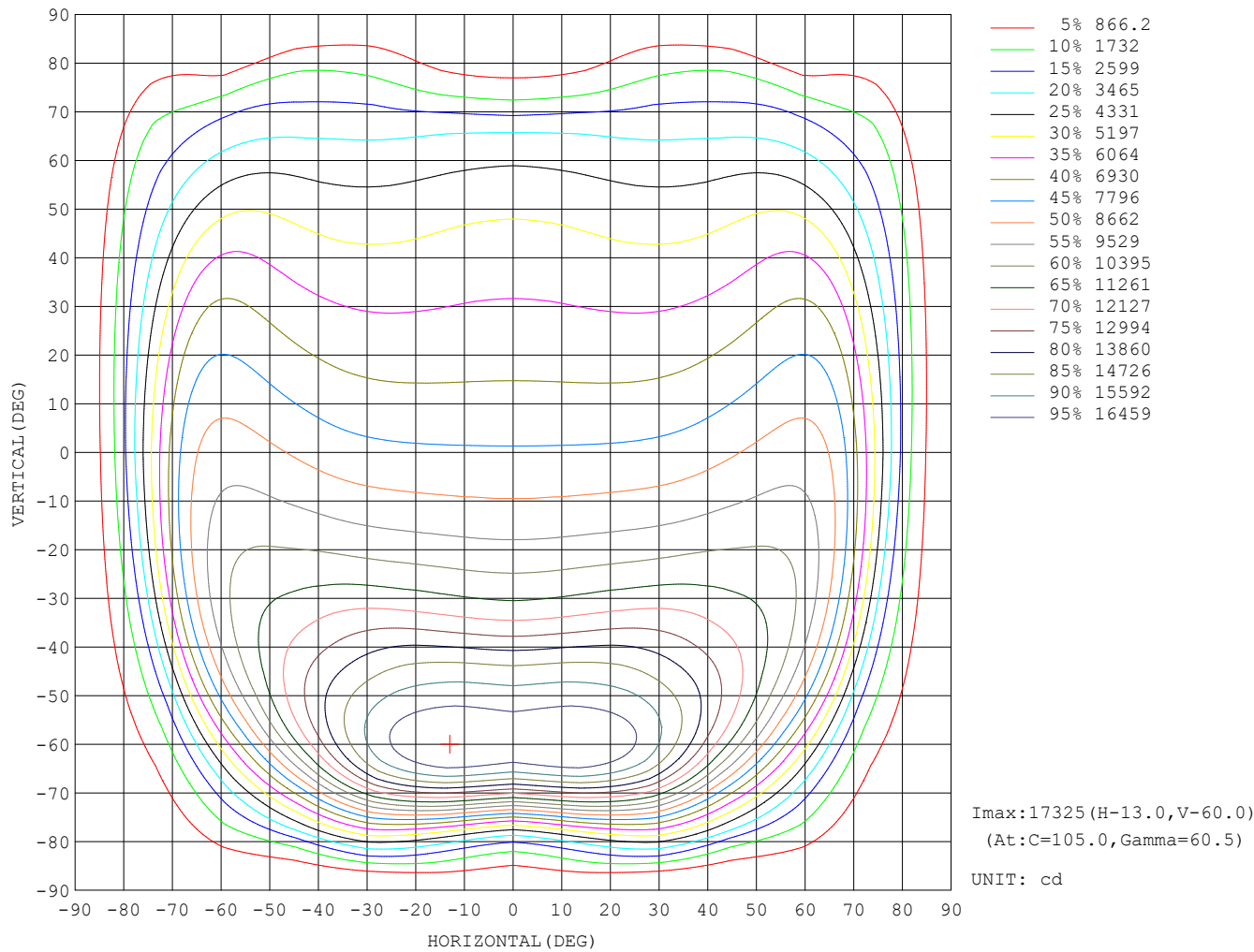
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	790.4	847.3	870.8	847.3	790.4	740.0	721.3	740.0	0- 10	755.3	755.3	1.74,1.74
20	794.3	923.6	977.1	923.6	794.3	692.2	663.7	692.2	10- 20	2268	3024	6.95,6.95
30	805.2	1030	1119	1030	805.2	644.6	614.0	644.6	20- 30	3802	6826	15.7,15.7
40	835.6	1184	1364	1184	835.6	594.1	565.5	594.1	30- 40	5427	12253	28.2,28.2
50	882.7	1343	1594	1343	882.7	538.8	506.0	538.8	40- 50	7204	19456	44.7,44.7
60	909.4	1401	1705	1401	909.4	469.3	422.7	469.3	50- 60	8685	28141	64.7,64.7
70	719.7	1124	1221	1124	719.7	365.9	237.8	365.9	60- 70	8863	37005	85.1,85.1
80	243.0	434.4	265.9	434.4	243.0	209.0	51.75	209.0	70- 80	5360	42365	97.4,97.4
90	0.7130	0.1629	0.1176	0.1629	0.7130	0.8745	0.4546	0.8745	80- 90	1123	43488	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:X10cd									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:

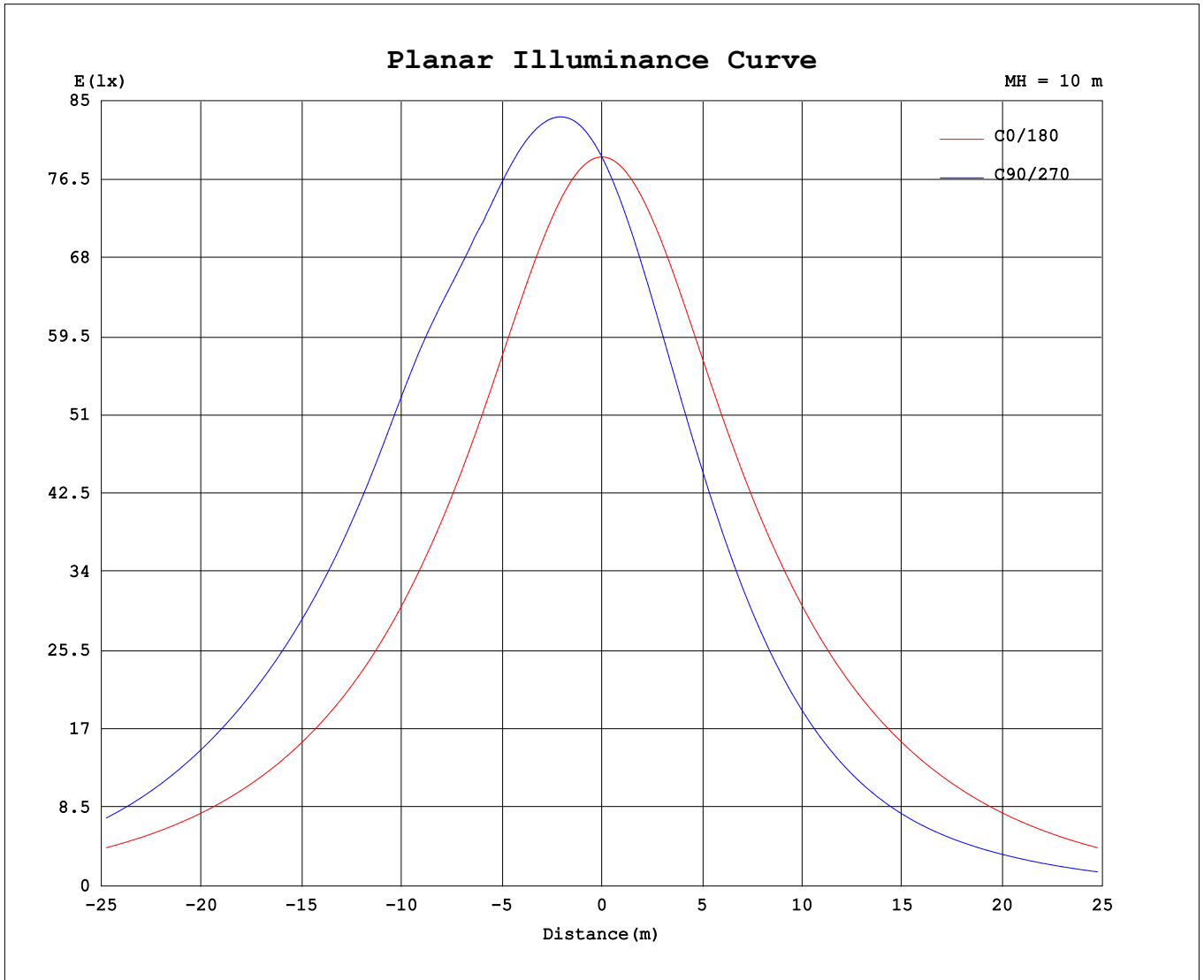
ISOCANDELA DIAGRAM



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

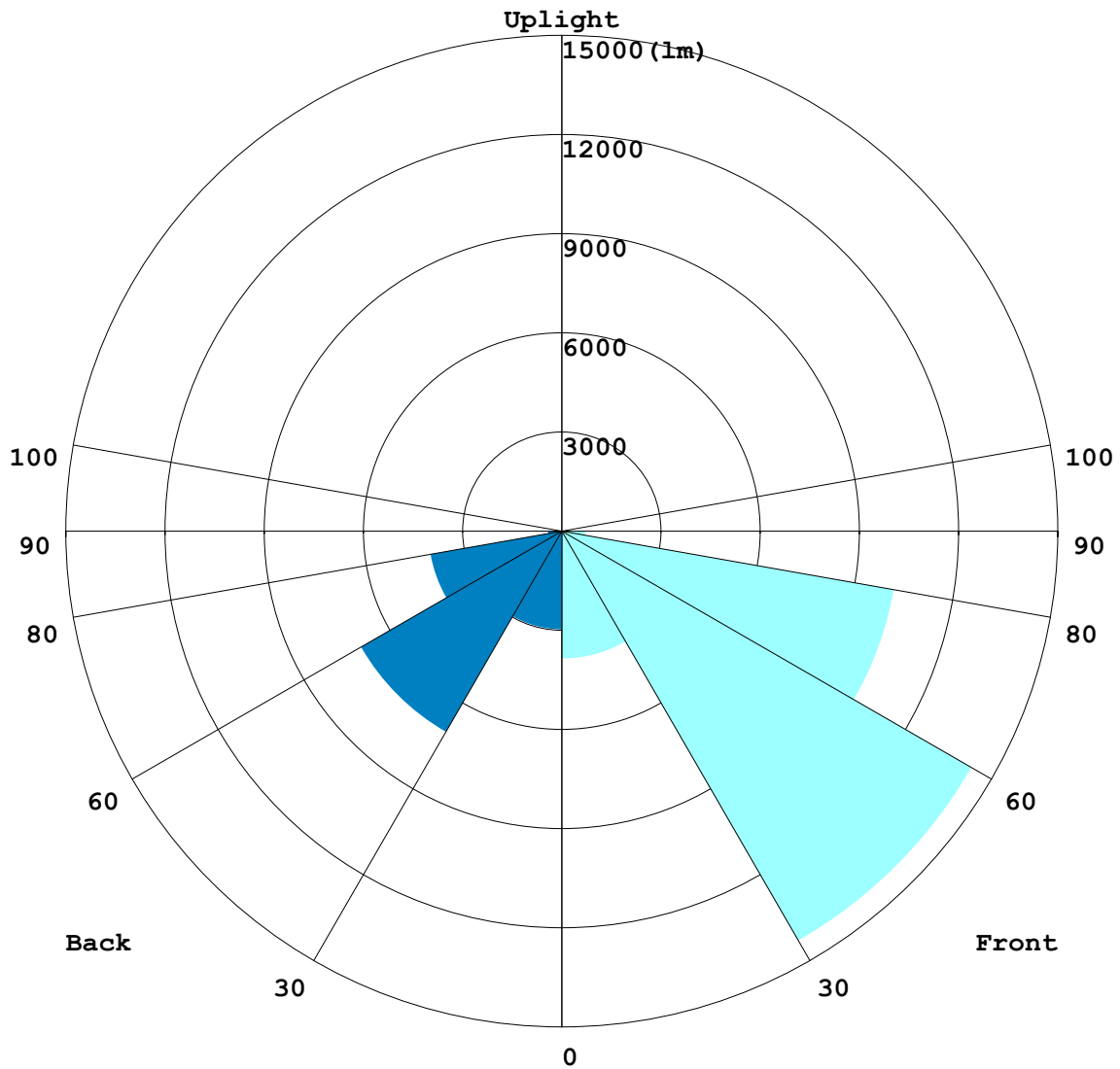
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43488x1 lm		
NAME: ST10-300-UD-3070-A21604	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:2.503A P:300.0W PF:0.999 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43488x1 lm		
NAME: ST10-300-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3853	8.9
FM - Front-Medium(30-60)	14303	32.9
FH - Front-High(60-80)	10192	23.4
FVH - Front-Very High(80-90)	705	1.6
Total Forward Light	29053	66.8

BL - Back-Low(0-30)	2972.9	6.8
BM - Back-Medium(30-60)	7012.4	16.1
BH - Back-High(60-80)	4031.4	9.3
BVH - Back-Very High(80-90)	418.02	1.0
Total Back Light	14435	33.2

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	B4-U0-G4
---------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	14435	0	14435
Street Side	29053	0	29053

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

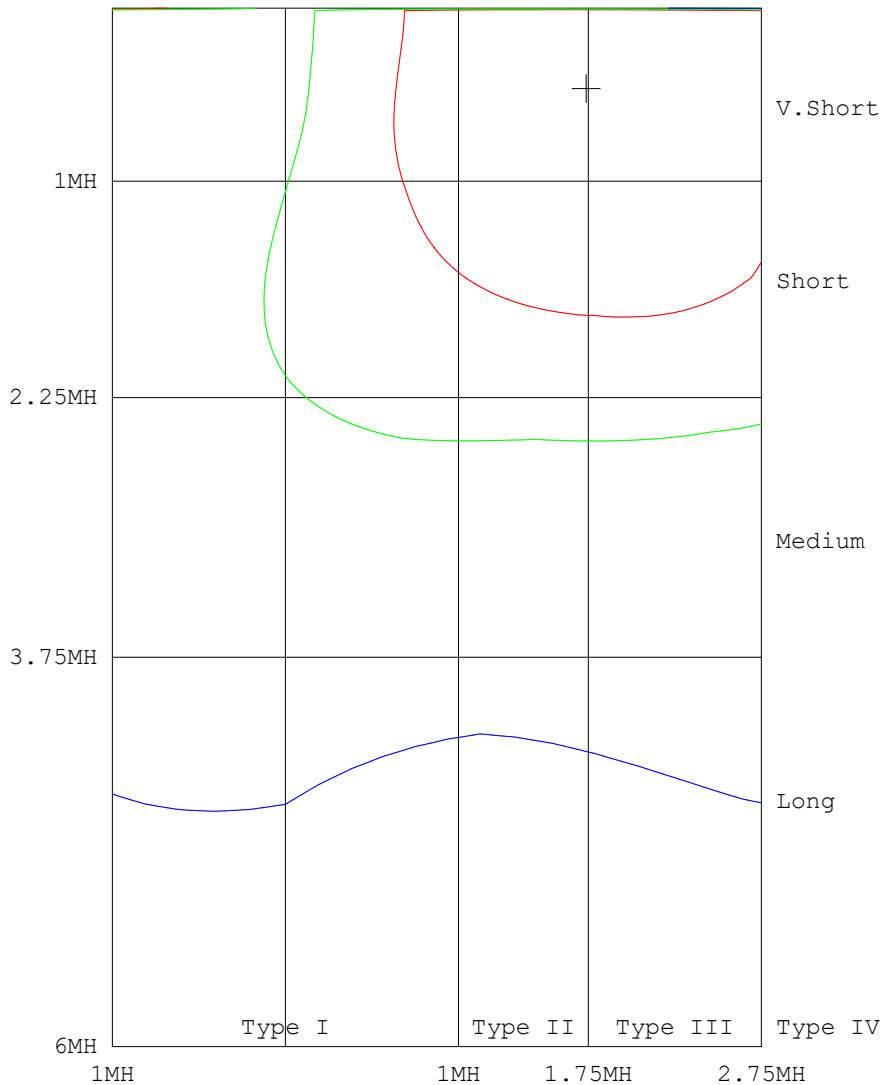
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:2.503A P:300.0W PF:0.999 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:43488x1 lm		
NAME: ST10-300-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement Road C Range: 340 - 90DEG 2.5% 433.15
 C Interval: 2.5DEG 70% 12128 50% 8663 5% 866.3
 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: X10cd

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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	789	791	793	794	796	798	799	801	802	804	805	807	808	810	811	813	814	815	817
10	790	794	797	800	804	807	810	814	817	820	824	827	830	833	836	839	842	845	847
15	792	797	802	808	813	818	824	829	834	840	845	850	855	860	864	869	873	878	882
20	794	802	809	817	824	832	839	847	854	862	869	877	884	891	898	905	911	918	924
25	798	808	818	828	837	847	857	868	878	888	898	908	918	927	937	946	955	964	972
30	805	817	829	842	854	867	880	893	906	919	932	944	957	970	983	995	1007	1019	1030
35	817	832	847	862	877	892	908	924	940	956	972	988	1005	1021	1037	1053	1068	1084	1098
40	836	853	871	888	907	925	944	963	982	1001	1021	1041	1061	1081	1102	1123	1143	1164	1184
45	858	878	898	919	940	961	983	1004	1026	1048	1070	1093	1117	1142	1168	1194	1221	1247	1273
50	883	905	927	949	972	995	1018	1041	1064	1087	1111	1136	1162	1191	1220	1251	1282	1313	1343
55	905	929	952	976	1000	1023	1047	1069	1091	1113	1137	1162	1188	1219	1251	1285	1320	1355	1390
60	909	933	956	979	1002	1025	1048	1068	1088	1110	1132	1156	1182	1214	1249	1285	1322	1361	1401
65	863	884	904	925	945	965	984	1001	1019	1037	1057	1079	1104	1136	1170	1208	1247	1288	1331
70	720	735	750	765	779	794	810	823	837	852	869	888	910	940	972	1007	1044	1083	1124
75	486	484	483	484	487	492	499	512	527	545	565	586	610	637	665	694	724	755	786
80	243	225	210	198	189	185	184	197	214	234	257	282	307	329	350	372	393	414	434
85	81.7	69.3	58.6	49.9	43.4	39.5	38.4	46.5	56.8	68.6	81.0	93.4	105	107	108	108	108	109	112
90	0.71	0.63	0.54	0.45	0.36	0.28	0.20	0.18	0.17	0.17	0.17	0.18	0.19	0.19	0.18	0.18	0.17	0.17	0.16

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: X10cd

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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	818	819	820	821	822	823	824	824	825	826	826	827	827	827	828	828	828	828	828
10	850	852	854	856	858	860	862	863	864	866	867	868	869	869	870	870	871	871	871
15	886	890	893	897	900	903	906	908	910	912	914	915	917	918	919	919	920	920	920
20	929	935	940	945	949	954	957	961	964	967	969	971	973	974	976	976	977	977	977
25	980	988	995	1002	1008	1013	1018	1023	1027	1030	1033	1036	1038	1039	1040	1041	1042	1042	1042
30	1040	1050	1060	1069	1077	1084	1090	1096	1101	1105	1108	1111	1114	1116	1117	1118	1119	1119	1119
35	1113	1127	1140	1152	1163	1174	1183	1191	1198	1204	1210	1214	1218	1220	1222	1224	1224	1224	1224
40	1203	1222	1240	1258	1274	1289	1303	1315	1326	1336	1344	1352	1356	1360	1362	1364	1364	1364	1364
45	1300	1326	1350	1374	1396	1417	1434	1449	1463	1474	1484	1492	1497	1500	1501	1502	1501	1500	1501
50	1375	1405	1435	1463	1489	1513	1532	1549	1564	1576	1586	1593	1597	1599	1599	1598	1596	1594	1596
55	1426	1461	1496	1528	1559	1587	1609	1628	1645	1658	1669	1677	1679	1680	1679	1676	1673	1670	1673
60	1443	1485	1526	1565	1602	1635	1660	1682	1699	1714	1724	1731	1731	1728	1723	1717	1711	1705	1711
65	1380	1428	1476	1521	1563	1600	1624	1643	1656	1665	1669	1669	1659	1646	1631	1617	1605	1595	1605
70	1172	1220	1266	1309	1347	1379	1390	1395	1393	1386	1374	1358	1332	1306	1280	1256	1236	1221	1236
75	823	858	891	920	944	962	958	948	932	911	886	858	823	788	755	726	703	687	703
80	459	483	503	520	532	538	525	506	483	457	428	398	369	340	315	293	276	266	276
85	123	136	149	161	172	181	180	177	172	165	157	147	134	122	109	98.3	89.5	83.5	89.5
90	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.12	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:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: X10cd

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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	828	828	827	827	827	826	826	825	824	824	823	822	821	820	819	818	817	815	814
10	870	870	869	869	868	867	866	864	863	862	860	858	856	854	852	850	847	845	842
15	919	919	918	917	915	914	912	910	908	906	903	900	897	893	890	886	882	878	873
20	976	976	974	973	971	969	967	964	961	957	954	949	945	940	935	929	924	918	911
25	1041	1040	1039	1038	1036	1033	1030	1027	1023	1018	1013	1008	1002	995	988	980	972	964	955
30	1118	1117	1116	1114	1111	1108	1105	1101	1096	1090	1084	1077	1069	1060	1050	1040	1030	1019	1007
35	1224	1222	1220	1218	1214	1210	1204	1198	1191	1183	1174	1163	1152	1140	1127	1113	1098	1084	1068
40	1364	1362	1360	1356	1352	1344	1336	1326	1315	1303	1289	1274	1258	1240	1222	1203	1184	1164	1143
45	1502	1501	1500	1497	1492	1484	1474	1463	1449	1434	1417	1396	1374	1350	1326	1300	1273	1247	1221
50	1598	1599	1599	1597	1593	1586	1576	1564	1549	1532	1513	1489	1463	1435	1405	1375	1343	1313	1282
55	1676	1679	1680	1679	1677	1669	1658	1645	1628	1609	1587	1559	1528	1496	1461	1426	1390	1355	1320
60	1717	1723	1728	1731	1731	1724	1714	1699	1682	1660	1635	1602	1565	1526	1485	1443	1401	1361	1322
65	1617	1631	1646	1659	1669	1669	1665	1656	1643	1624	1600	1563	1521	1476	1428	1380	1331	1288	1247
70	1256	1280	1306	1332	1358	1374	1386	1393	1395	1390	1379	1347	1309	1266	1220	1172	1124	1083	1044
75	726	755	788	823	858	886	911	932	948	958	962	944	920	891	858	823	786	755	724
80	293	315	340	369	398	428	457	483	506	525	538	532	520	503	483	459	434	414	393
85	98.3	109	122	134	147	157	165	172	177	180	181	172	161	149	136	123	112	109	108
90	0.12	0.13	0.13	0.13	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17

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: X10cd

γ (DEG) \ C (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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	813	811	810	808	807	805	804	802	801	799	798	796	794	793	791	789	788	786	785
10	839	836	833	830	827	824	820	817	814	810	807	804	800	797	794	790	787	784	780
15	869	864	860	855	850	845	840	834	829	824	818	813	808	802	797	792	787	782	777
20	905	898	891	884	877	869	862	854	847	839	832	824	817	809	802	794	787	780	773
25	946	937	927	918	908	898	888	878	868	857	847	837	828	818	808	798	789	780	771
30	995	983	970	957	944	932	919	906	893	880	867	854	842	829	817	805	793	782	771
35	1053	1037	1021	1005	988	972	956	940	924	908	892	877	862	847	832	817	803	789	775
40	1123	1102	1081	1061	1041	1021	1001	982	963	944	925	907	888	871	853	836	818	801	784
45	1194	1168	1142	1117	1093	1070	1048	1026	1004	983	961	940	919	898	878	858	838	818	798
50	1251	1220	1191	1162	1136	1111	1087	1064	1041	1018	995	972	949	927	905	883	859	836	813
55	1285	1251	1219	1188	1162	1137	1113	1091	1069	1047	1023	1000	976	952	929	905	879	854	828
60	1285	1249	1214	1182	1156	1132	1110	1088	1068	1048	1025	1002	979	956	933	909	883	856	829
65	1208	1170	1136	1104	1079	1057	1037	1019	1001	984	965	945	925	904	884	863	839	814	789
70	1007	972	940	910	888	869	852	837	823	810	794	779	765	750	735	720	702	684	666
75	694	665	637	610	586	565	545	527	512	499	492	487	484	483	484	486	481	474	467
80	372	350	329	307	282	257	234	214	197	184	185	189	198	210	225	243	254	263	271
85	108	108	107	105	93.4	81.0	68.6	56.8	46.5	38.4	39.5	43.4	49.9	58.6	69.3	81.7	97.7	111	123
90	0.18	0.18	0.19	0.19	0.18	0.17	0.17	0.17	0.18	0.20	0.28	0.36	0.45	0.54	0.63	0.71	0.77	0.81	0.84

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: X10cd

C (DEG) \ \gamma (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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	783	781	780	778	777	775	774	773	771	770	769	768	766	765	764	763	762	761	760
10	777	774	771	768	765	762	759	756	754	751	749	746	744	742	740	738	736	734	732
15	772	767	762	757	753	748	744	740	736	732	729	725	722	719	716	713	711	708	706
20	766	760	753	747	741	735	729	724	718	713	709	704	700	696	692	689	686	683	680
25	762	753	745	737	729	721	714	707	700	694	689	683	678	673	669	665	661	658	654
30	760	749	738	728	718	709	700	691	683	675	668	662	656	650	645	640	636	632	628
35	761	748	735	723	710	699	687	677	666	657	648	640	633	626	620	614	610	605	602
40	768	752	736	720	705	691	677	664	651	640	629	619	610	602	594	588	582	578	574
45	778	759	740	721	703	685	668	652	636	622	609	597	586	576	567	560	553	548	543
50	791	768	746	723	701	680	659	640	621	604	589	575	561	549	539	530	522	516	510
55	802	777	751	725	699	674	650	627	604	584	566	549	533	519	507	496	487	479	473
60	802	775	747	718	689	661	633	607	582	559	538	518	500	484	469	457	447	438	431
65	763	737	710	682	653	625	596	569	543	519	497	477	457	440	424	411	400	391	383
70	646	626	606	583	560	538	515	493	471	451	431	413	396	380	366	355	345	336	328
75	458	449	439	427	415	402	390	376	363	351	339	327	315	304	293	284	276	268	259
80	276	279	280	276	270	263	255	246	238	233	228	224	219	214	209	202	195	186	177
85	131	136	138	125	110	93.5	76.6	60.6	47.1	49.5	54.6	61.8	70.0	78.5	86.4	87.5	87.3	85.8	83.1
90	0.86	0.88	0.90	0.91	0.93	0.94	0.94	0.95	0.95	0.95	0.94	0.93	0.92	0.90	0.87	0.84	0.80	0.75	0.71

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: X10cd

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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	759	758	758	757	756	756	756	755	755	754	754	754	754	754	754	754	754	754	755
10	731	729	728	727	726	725	724	723	723	722	722	722	721	721	721	722	722	722	723
15	704	702	700	699	697	696	695	694	693	693	692	692	691	691	691	692	692	693	693
20	677	675	673	672	670	669	668	667	666	665	665	664	664	664	664	664	665	665	666
25	652	649	647	645	644	643	642	641	640	639	639	638	638	638	638	638	639	639	640
30	626	623	621	620	618	617	616	616	615	615	614	614	614	614	614	614	614	615	615
35	599	596	594	593	592	591	591	591	590	590	590	590	590	590	590	590	590	590	590
40	570	568	566	565	565	564	565	565	565	565	565	565	565	565	565	565	565	565	565
45	540	537	536	535	534	535	535	536	536	537	537	537	538	538	538	537	537	537	536
50	506	503	501	500	500	500	501	502	503	504	504	505	506	506	506	505	504	504	503
55	468	464	462	461	461	461	462	463	464	465	465	466	467	468	467	466	465	465	464
60	425	421	418	416	416	416	417	418	419	420	420	421	422	423	422	421	420	420	419
65	377	372	368	366	365	364	364	364	363	362	361	360	360	359	360	360	361	362	363
70	321	314	306	299	292	285	278	271	264	256	250	244	240	238	240	244	250	256	264
75	250	241	226	210	195	180	165	151	142	134	128	123	120	119	120	123	128	134	142
80	168	157	142	128	113	98.0	84.3	71.9	64.7	59.2	55.2	52.8	51.6	51.7	51.6	52.8	55.2	59.2	64.7
85	79.3	74.4	67.1	59.2	50.9	42.7	34.9	27.8	24.4	22.0	20.4	19.6	19.4	19.8	19.4	19.6	20.4	22.0	24.4
90	0.67	0.63	0.60	0.57	0.54	0.52	0.50	0.49	0.48	0.47	0.46	0.46	0.45	0.45	0.45	0.46	0.46	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--7

UNIT: X10cd

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	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789
5	755	756	756	756	757	758	758	759	760	761	762	763	764	765	766	768	769	770	771
10	723	724	725	726	727	728	729	731	732	734	736	738	740	742	744	746	749	751	754
15	694	695	696	697	699	700	702	704	706	708	711	713	716	719	722	725	729	732	736
20	667	668	669	670	672	673	675	677	680	683	686	689	692	696	700	704	709	713	718
25	641	642	643	644	645	647	649	652	654	658	661	665	669	673	678	683	689	694	700
30	616	616	617	618	620	621	623	626	628	632	636	640	645	650	656	662	668	675	683
35	591	591	591	592	593	594	596	599	602	605	610	614	620	626	633	640	648	657	666
40	565	565	564	565	565	566	568	570	574	578	582	588	594	602	610	619	629	640	651
45	536	535	535	534	535	536	537	540	543	548	553	560	567	576	586	597	609	622	636
50	502	501	500	500	500	501	503	506	510	516	522	530	539	549	561	575	589	604	621
55	463	462	461	461	461	462	464	468	473	479	487	496	507	519	533	549	566	584	604
60	418	417	416	416	416	418	421	425	431	438	447	457	469	484	500	518	538	559	582
65	364	364	364	365	366	368	372	377	383	391	400	411	424	440	457	477	497	519	543
70	271	278	285	292	299	306	314	321	328	336	345	355	366	380	396	413	431	451	471
75	151	165	180	195	210	226	241	250	259	268	276	284	293	304	315	327	339	351	363
80	71.9	84.3	98.0	113	128	142	157	168	177	186	195	202	209	214	219	224	228	233	238
85	27.8	34.9	42.7	50.9	59.2	67.1	74.4	79.3	83.1	85.8	87.3	87.5	86.4	78.5	70.0	61.8	54.6	49.5	47.1
90	0.49	0.50	0.52	0.54	0.57	0.60	0.63	0.67	0.71	0.75	0.80	0.84	0.87	0.90	0.92	0.93	0.94	0.95	0.95

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: X10cd

γ (DEG) \ C (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	789	789	789	789	789	789	789	789	789	789	789								
5	773	774	775	777	778	780	781	783	785	786	788								
10	756	759	762	765	768	771	774	777	780	784	787								
15	740	744	748	753	757	762	767	772	777	782	787								
20	724	729	735	741	747	753	760	766	773	780	787								
25	707	714	721	729	737	745	753	762	771	780	789								
30	691	700	709	718	728	738	749	760	771	782	793								
35	677	687	699	710	723	735	748	761	775	789	803								
40	664	677	691	705	720	736	752	768	784	801	818								
45	652	668	685	703	721	740	759	778	798	818	838								
50	640	659	680	701	723	746	768	791	813	836	859								
55	627	650	674	699	725	751	777	802	828	854	879								
60	607	633	661	689	718	747	775	802	829	856	883								
65	569	596	625	653	682	710	737	763	789	814	839								
70	493	515	538	560	583	606	626	646	666	684	702								
75	376	390	402	415	427	439	449	458	467	474	481								
80	246	255	263	270	276	280	279	276	271	263	254								
85	60.6	76.6	93.5	110	125	138	136	131	123	111	97.7								
90	0.95	0.94	0.94	0.93	0.91	0.90	0.88	0.86	0.84	0.81	0.77								

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: