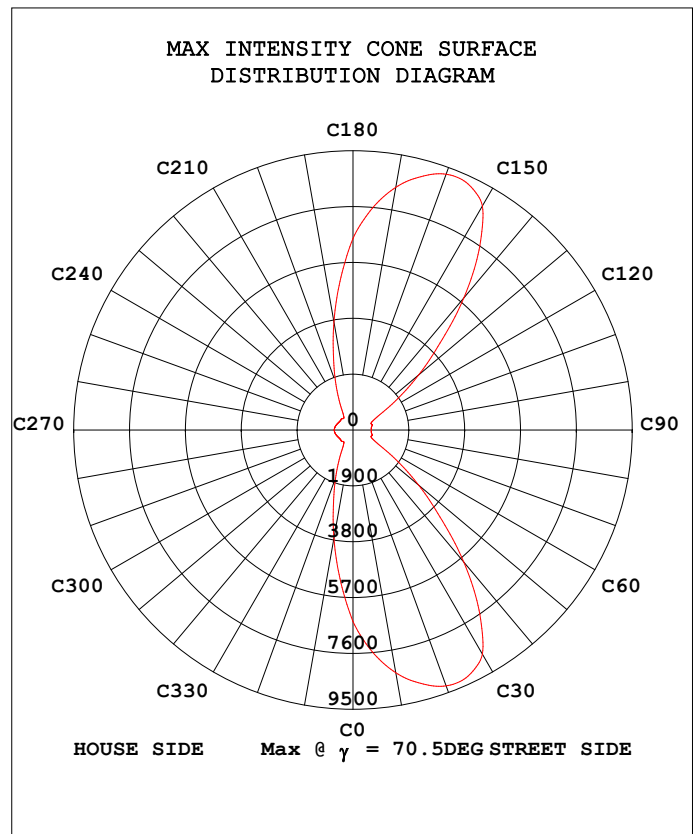
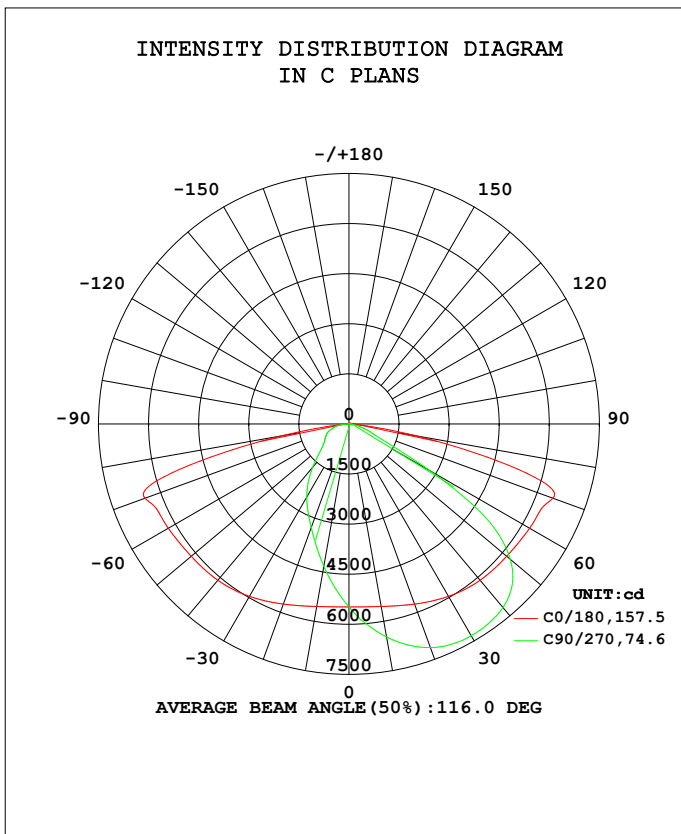


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:1.253A P:150.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21884.8x1 lm		
NAME: ST10-150-UD-3070-A21601	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

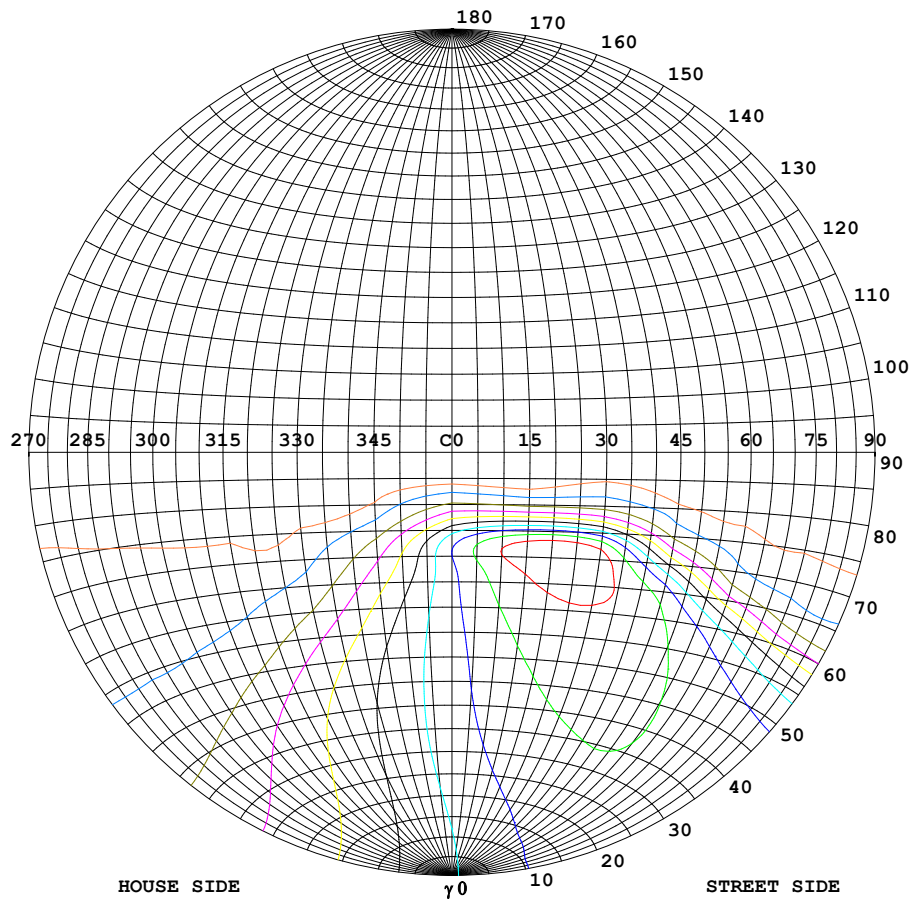
DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.90 lm/W			
MODEL	/	I _{max} (cd)	9301	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	70.0
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	21885	η house_up (%)	0.0
NOMINAL FLUX (lm)	21884.8	MAXIMUM @ (C, γ)	158,70.5	η house_down (%)	30.0
LAMPS INSIDE	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:

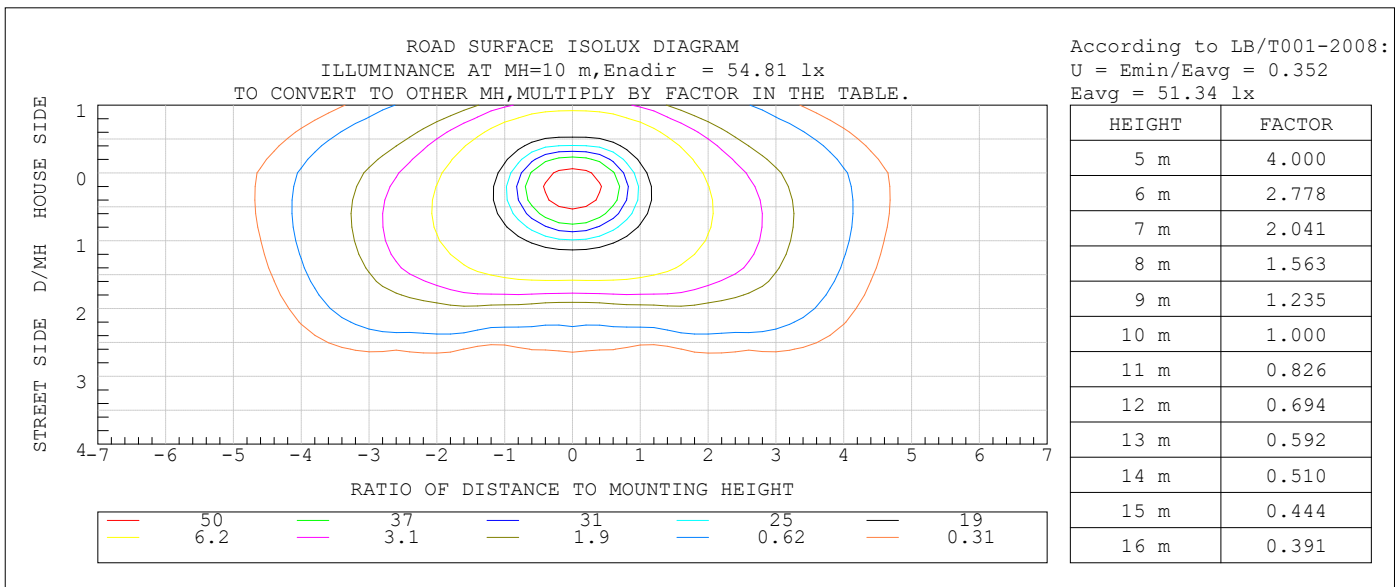
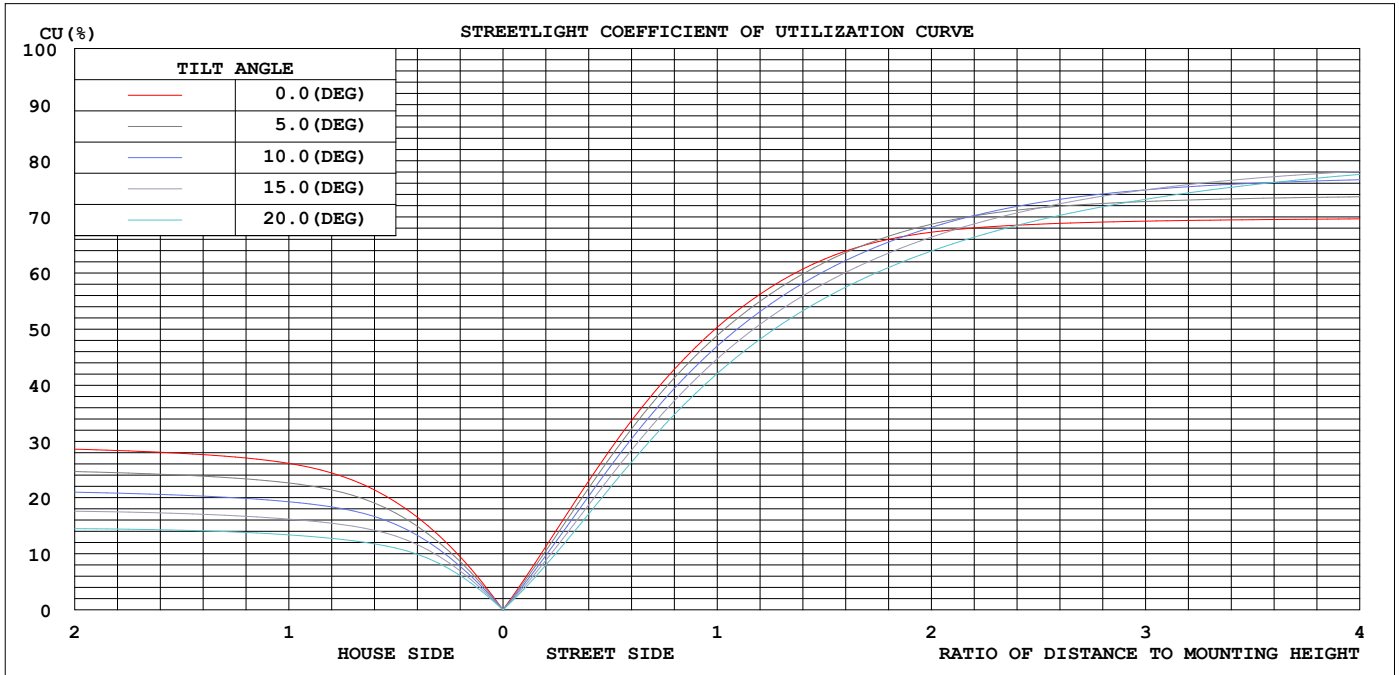
IES:Type III - Medium
 CIE:Broad - Long
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:92.03cd/klm
 Max.At90:0.3653cd/klm
 Max.80-90:92.03cd/klm
 NRB 5101:Limited[6.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	9301
90%	8371
80%	7441
70%	6511
60%	5581
50%	4651
40%	3720
30%	2790
20%	1860
10%	930
5%	465

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:

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

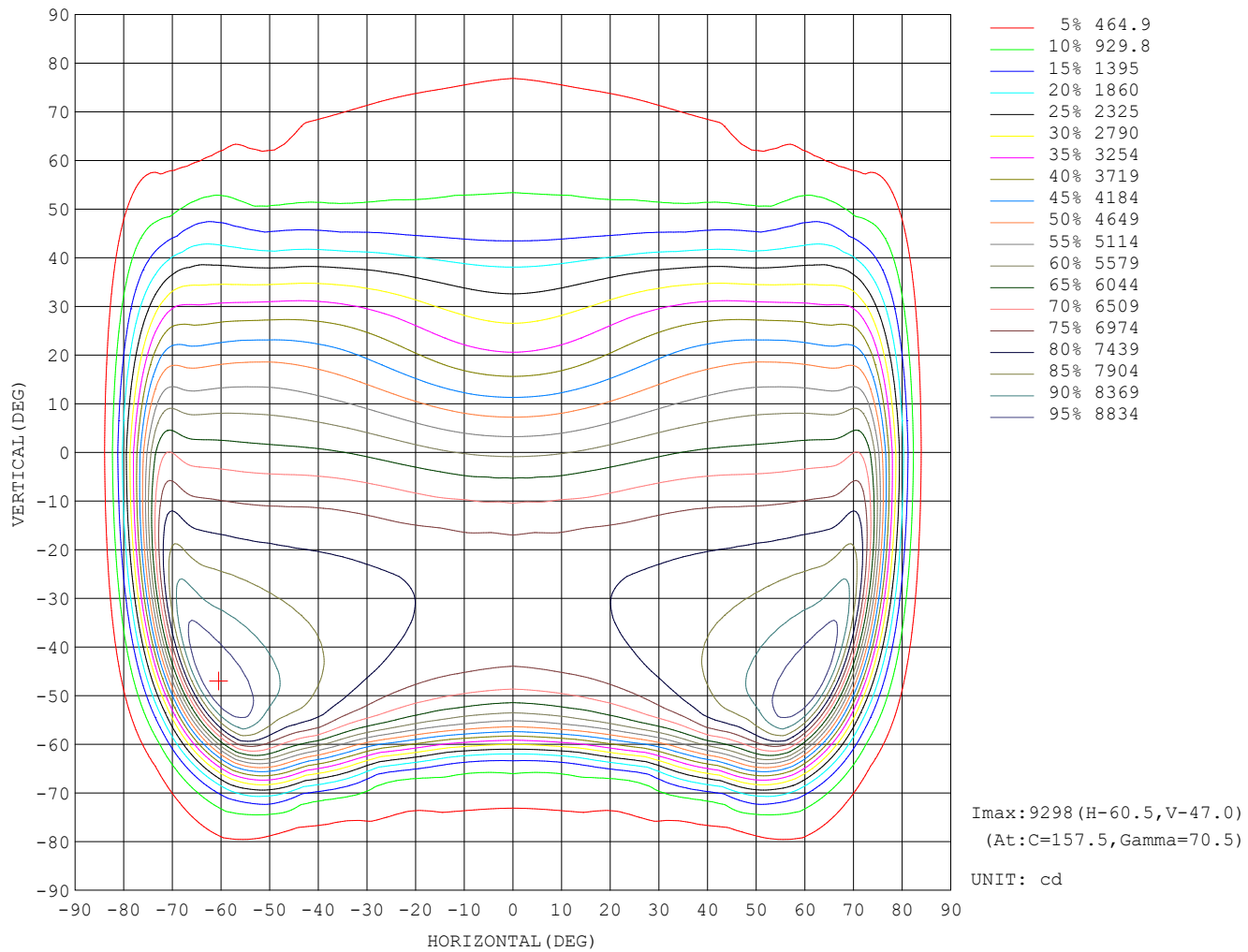
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5550	6255	6472	6255	5550	4708	4330	4708	0- 10	523.1	523.1	2.39,2.39
20	5741	6897	7126	6897	5741	4058	3303	4058	10- 20	1553	2076	9.48,9.48
30	5960	7327	7322	7327	5960	3596	2527	3596	20- 30	2532	4607	21.1,21.1
40	6109	7556	7175	7556	6109	3056	1687	3056	30- 40	3381	7989	36.5,36.5
50	6165	7700	6303	7700	6165	2006	1024	2006	40- 50	3958	11947	54.6,54.6
60	6246	7645	2798	7645	6246	953.6	816.5	953.6	50- 60	4109	16056	73.4,73.4
70	6501	4509	653.9	4509	6501	565.9	648.9	565.9	60- 70	3515	19571	89.4,89.4
80	2014	554.6	197.2	554.6	2014	304.3	380.9	304.3	70- 80	2065	21636	98.9,98.9
90	2.846	0.4623	0.2681	0.4623	2.846	4.557	0.5309	4.557	80- 90	248.6	21885	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:

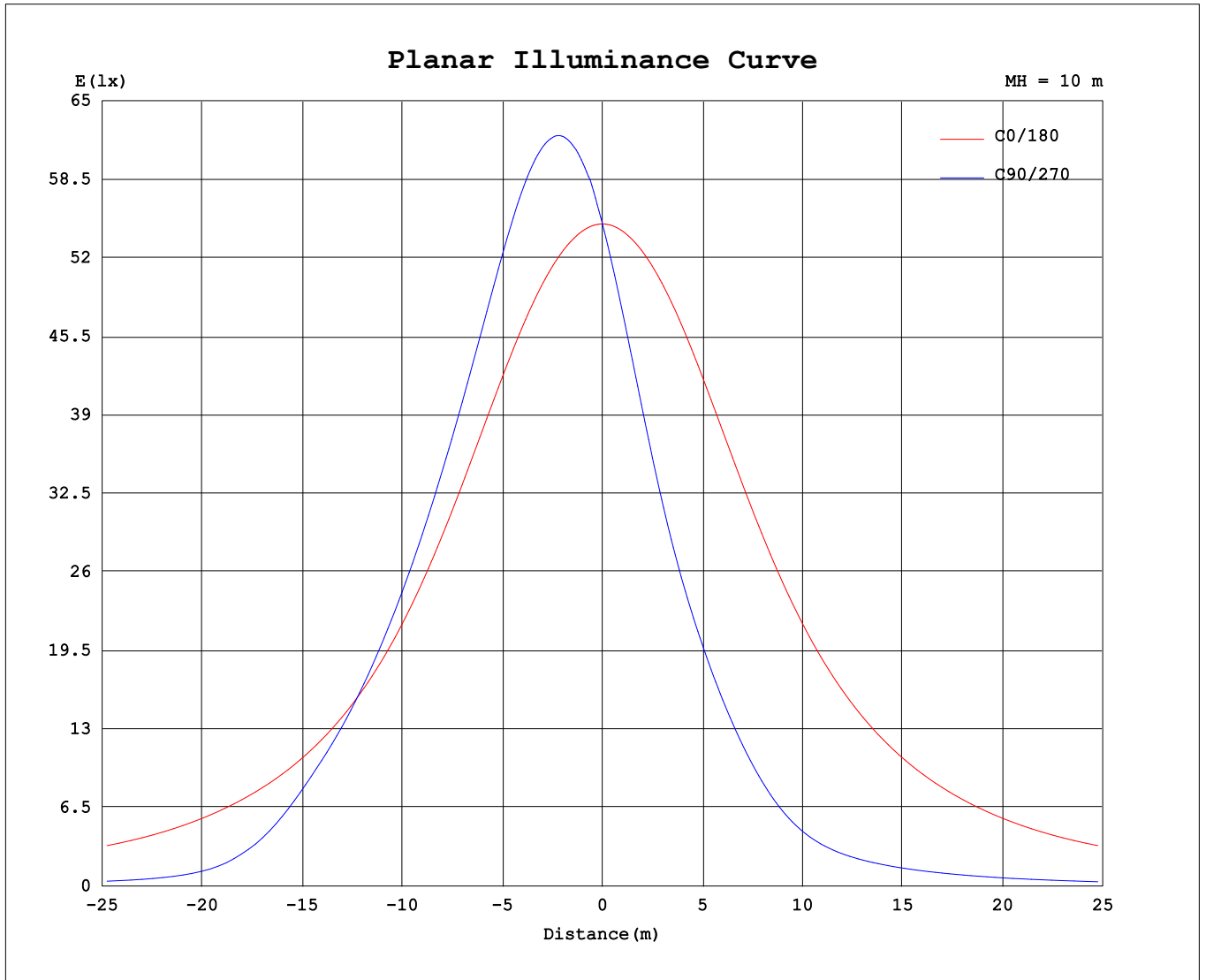
ISOCANDELA DIAGRAM



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

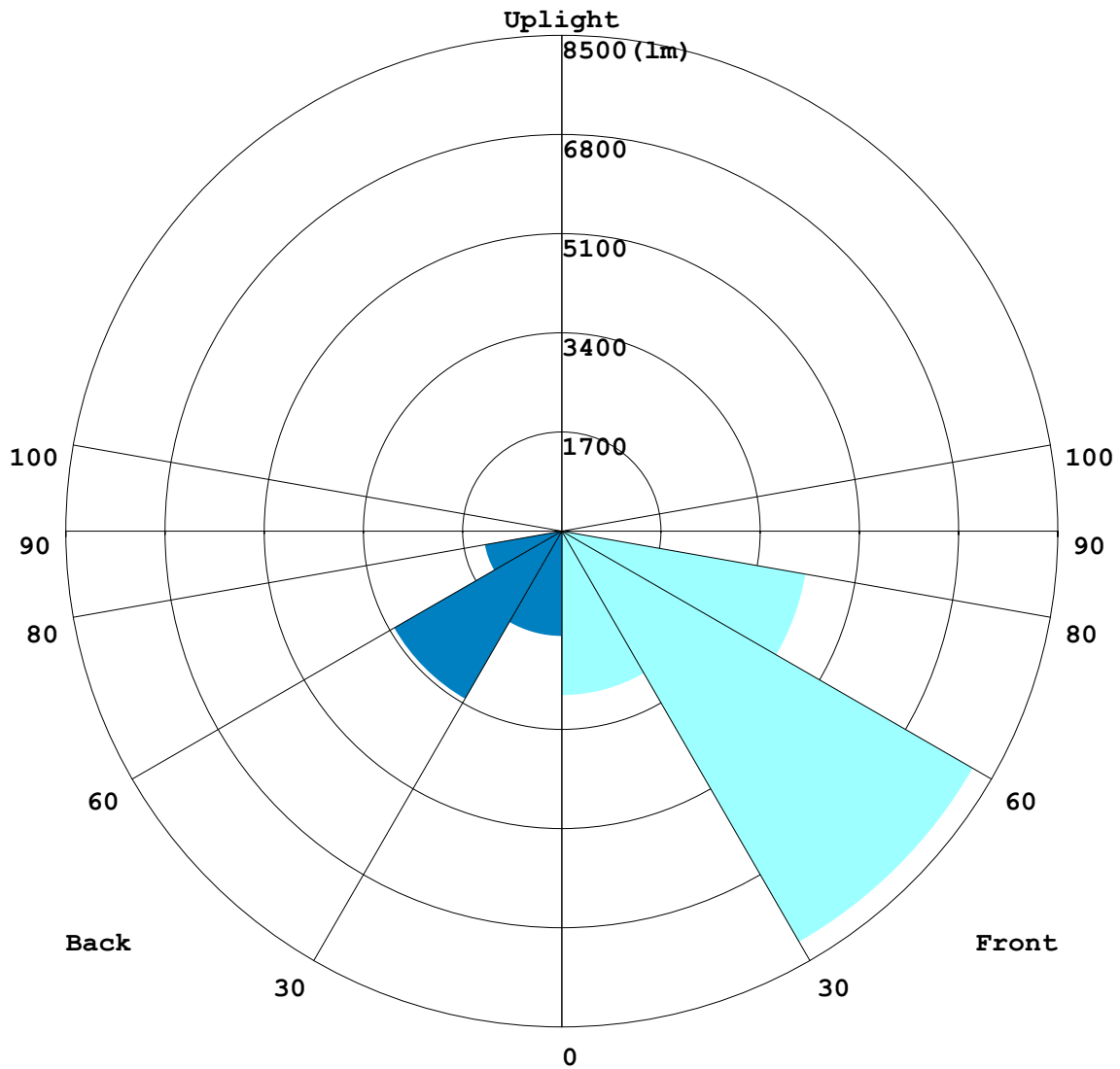
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:1.253A P:150.0W PF:0.998 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21884.8x1 lm		
NAME: ST10-150-UD-3070-A21601	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:1.253A P:150.0W PF:0.998 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21884.8x1 lm		
NAME: ST10-150-UD-3070-A21601	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2810.6	12.8
FM - Front-Medium(30-60)	8130.8	37.2
FH - Front-High(60-80)	4241.4	19.4
FVH - Front-Very High(80-90)	144.57	0.7
Total Forward Light	15327	70.0

BL - Back-Low(0-30)	1796.8	8.2
BM - Back-Medium(30-60)	3317.6	15.2
BH - Back-High(60-80)	1339	6.1
BVH - Back-Very High(80-90)	104.07	0.5
Total Back Light	6557.4	30.0

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-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6557.4	0	6557.4
Street Side	15327	0	15327

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

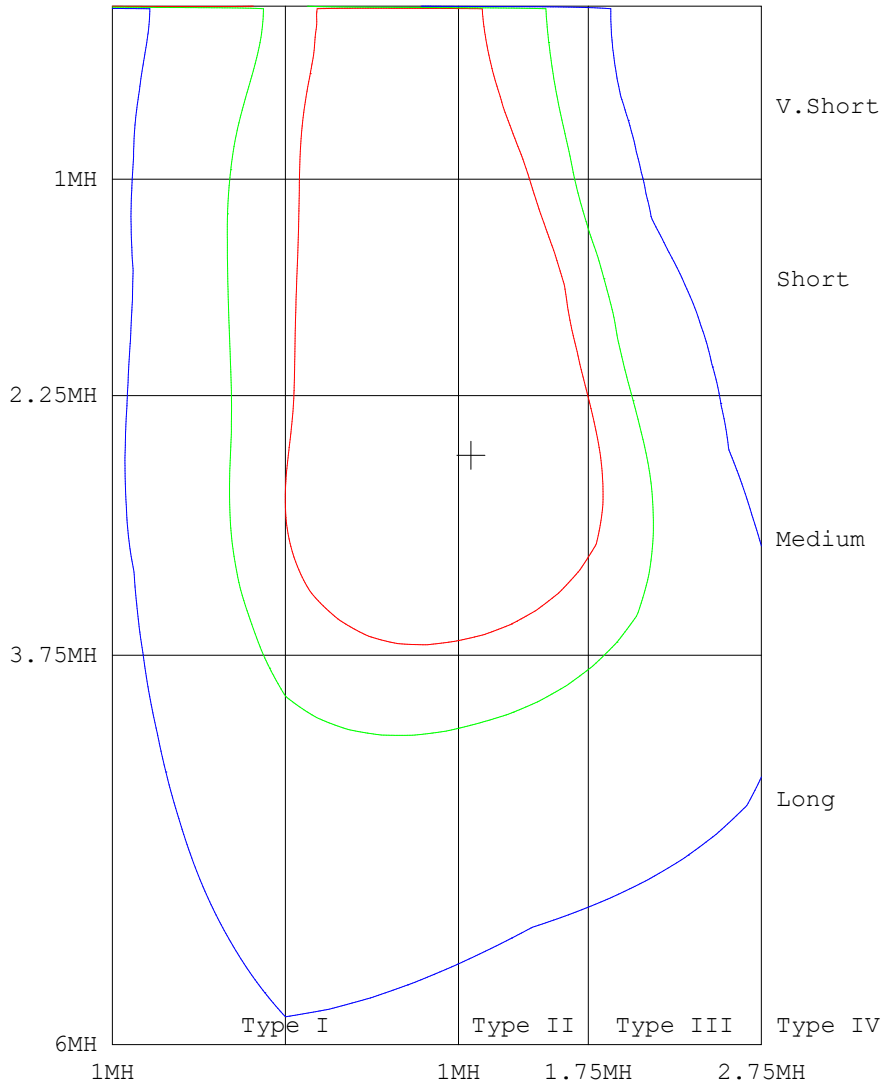
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:1.253A P:150.0W PF:0.998 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21884.8x1 lm		
NAME: ST10-150-UD-3070-A21601	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement Road Range: 1800 - 90DEG 2.5% 232.53
 C Interval: 2.5DEG 70% 8510.9 50% 4050.6 5% 485.06
 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

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	5497	5522	5546	5570	5594	5618	5641	5665	5688	5710	5732	5753	5773	5792	5810	5828	5845	5861	5876
10	5550	5599	5646	5693	5739	5784	5828	5869	5908	5946	5983	6019	6054	6091	6127	6162	6195	6226	6255
15	5635	5706	5775	5843	5909	5973	6035	6091	6146	6198	6247	6295	6342	6390	6436	6480	6522	6562	6599
20	5741	5833	5923	6010	6094	6174	6251	6321	6387	6449	6508	6564	6617	6671	6722	6771	6816	6858	6897
25	5854	5965	6073	6177	6277	6371	6461	6542	6617	6687	6752	6813	6870	6926	6978	7026	7070	7109	7143
30	5960	6093	6220	6341	6456	6564	6666	6755	6838	6913	6982	7044	7099	7151	7198	7239	7274	7303	7327
35	6049	6202	6348	6487	6617	6739	6851	6949	7037	7115	7185	7245	7298	7343	7381	7411	7434	7451	7460
40	6109	6286	6453	6611	6759	6895	7020	7125	7218	7299	7368	7426	7473	7509	7535	7553	7562	7562	7556
45	6142	6346	6538	6719	6886	7039	7177	7290	7386	7468	7535	7588	7628	7656	7672	7677	7671	7656	7632
50	6165	6400	6621	6827	7016	7188	7341	7462	7564	7646	7711	7759	7791	7811	7816	7807	7784	7748	7700
55	6199	6473	6730	6966	7182	7376	7546	7681	7791	7878	7942	7985	8006	8011	7996	7961	7907	7832	7738
60	6246	6576	6882	7161	7412	7635	7828	7982	8105	8196	8257	8287	8286	8260	8202	8113	7991	7835	7645
65	6282	6694	7070	7411	7714	7978	8202	8392	8536	8634	8682	8677	8618	8488	8301	8056	7752	7389	6968
70	6501	7046	7533	7961	8328	8633	8873	9092	9234	9292	9257	9119	8869	8303	7640	6904	6120	5314	4509
75	5245	5668	6024	6315	6540	6698	6789	6839	6818	6721	6544	6282	5930	5279	4564	3815	3061	2334	1665
80	2014	1988	1942	1881	1811	1737	1663	1652	1641	1627	1604	1568	1515	1370	1209	1039	869	705	555
85	257	243	231	220	213	209	212	245	282	319	354	383	403	378	344	303	259	215	172
90	2.85	2.45	2.13	1.87	1.66	1.50	1.38	1.24	1.12	1.03	0.95	0.88	0.82	0.75	0.68	0.61	0.56	0.51	0.46

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	5890	5904	5916	5928	5940	5950	5961	5972	5981	5990	5998	6004	6008	6011	6013	6013	6014	6013	6014
10	6279	6300	6319	6337	6354	6370	6389	6407	6424	6439	6452	6464	6469	6473	6475	6475	6474	6472	6474
15	6628	6654	6678	6700	6719	6738	6760	6780	6799	6817	6832	6845	6850	6853	6854	6854	6852	6850	6852
20	6926	6952	6975	6995	7014	7030	7051	7071	7089	7105	7119	7130	7134	7135	7134	7132	7129	7126	7129
25	7168	7188	7204	7218	7229	7238	7252	7265	7276	7286	7294	7300	7299	7295	7291	7286	7282	7277	7282
30	7340	7348	7352	7353	7352	7350	7355	7359	7363	7366	7368	7368	7360	7352	7343	7335	7328	7322	7328
35	7458	7451	7439	7425	7410	7394	7387	7381	7375	7369	7362	7356	7342	7329	7316	7305	7296	7290	7296
40	7537	7514	7486	7455	7423	7391	7369	7348	7327	7308	7290	7272	7250	7229	7210	7194	7182	7175	7182
45	7595	7550	7501	7448	7392	7336	7288	7240	7193	7149	7106	7065	7024	6986	6953	6927	6908	6897	6908
50	7633	7556	7471	7379	7282	7183	7084	6985	6887	6792	6701	6615	6535	6464	6404	6356	6322	6303	6322
55	7609	7464	7305	7135	6957	6773	6585	6397	6211	6031	5860	5700	5560	5437	5335	5255	5199	5171	5199
60	7387	7099	6787	6455	6108	5752	5377	5004	4637	4284	3952	3647	3406	3202	3037	2913	2833	2798	2833
65	6379	5750	5102	4452	3819	3220	2790	2410	2078	1794	1555	1362	1229	1136	1077	1049	1046	1064	1046
70	3826	3181	2583	2041	1562	1156	950	813	733	698	697	718	688	667	654	649	649	654	649
75	1328	1071	881	749	663	612	543	495	464	447	440	440	422	407	396	388	383	382	383
80	486	436	400	376	361	351	325	301	279	260	243	229	218	209	203	199	197	197	197
85	155	142	133	127	122	119	111	104	97.7	91.6	86.1	81.1	76.5	72.6	69.3	66.9	65.2	64.4	65.2
90	0.43	0.40	0.38	0.36	0.34	0.33	0.32	0.31	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.27	0.27	0.27

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	6013	6013	6011	6008	6004	5998	5990	5981	5972	5961	5950	5940	5928	5916	5904	5890	5876	5861	5845
10	6475	6475	6473	6469	6464	6452	6439	6424	6407	6389	6370	6354	6337	6319	6300	6279	6255	6226	6195
15	6854	6854	6853	6850	6845	6832	6817	6799	6780	6760	6738	6719	6700	6678	6654	6628	6599	6562	6522
20	7132	7134	7135	7134	7130	7119	7105	7089	7071	7051	7030	7014	6995	6975	6952	6926	6897	6858	6816
25	7286	7291	7295	7299	7300	7294	7286	7276	7265	7252	7238	7229	7218	7204	7188	7168	7143	7109	7070
30	7335	7343	7352	7360	7368	7368	7366	7363	7359	7355	7350	7352	7353	7352	7348	7340	7327	7303	7274
35	7305	7316	7329	7342	7356	7362	7369	7375	7381	7387	7394	7410	7425	7439	7451	7458	7460	7451	7434
40	7194	7210	7229	7250	7272	7290	7308	7327	7348	7369	7391	7423	7455	7486	7514	7537	7556	7562	7562
45	6927	6953	6986	7024	7065	7106	7149	7193	7240	7288	7336	7392	7448	7501	7550	7595	7632	7656	7671
50	6356	6404	6464	6535	6615	6701	6792	6887	6985	7084	7183	7282	7379	7471	7556	7633	7700	7748	7784
55	5255	5335	5437	5560	5700	5860	6031	6211	6397	6585	6773	6957	7135	7305	7464	7609	7738	7832	7907
60	2913	3037	3202	3406	3647	3952	4284	4637	5004	5377	5752	6108	6455	6787	7099	7387	7645	7835	7991
65	1049	1077	1136	1229	1362	1555	1794	2078	2410	2790	3220	3819	4452	5102	5750	6379	6968	7389	7752
70	649	654	667	688	718	697	698	733	813	950	1156	1562	2041	2583	3181	3826	4509	5314	6120
75	388	396	407	422	440	440	447	464	495	543	612	663	749	881	1071	1328	1665	2334	3061
80	199	203	209	218	229	243	260	279	301	325	351	361	376	400	436	486	555	705	869
85	66.9	69.3	72.6	76.5	81.1	86.1	91.6	97.7	104	111	119	122	127	133	142	155	172	215	259
90	0.27	0.27	0.28	0.28	0.28	0.29	0.29	0.30	0.31	0.32	0.33	0.34	0.36	0.38	0.40	0.43	0.46	0.51	0.56

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	5828	5810	5792	5773	5753	5732	5710	5688	5665	5641	5618	5594	5570	5546	5522	5497	5473	5449	5425
10	6162	6127	6091	6054	6019	5983	5946	5908	5869	5828	5784	5739	5693	5646	5599	5550	5502	5454	5406
15	6480	6436	6390	6342	6295	6247	6198	6146	6091	6035	5973	5909	5843	5775	5706	5635	5564	5492	5420
20	6771	6722	6671	6617	6564	6508	6449	6387	6321	6251	6174	6094	6010	5923	5833	5741	5648	5553	5458
25	7026	6978	6926	6870	6813	6752	6687	6617	6542	6461	6371	6277	6177	6073	5965	5854	5739	5623	5506
30	7239	7198	7151	7099	7044	6982	6913	6838	6755	6666	6564	6456	6341	6220	6093	5960	5825	5687	5549
35	7411	7381	7343	7298	7245	7185	7115	7037	6949	6851	6739	6617	6487	6348	6202	6049	5891	5732	5572
40	7553	7535	7509	7473	7426	7368	7299	7218	7125	7020	6895	6759	6611	6453	6286	6109	5931	5751	5570
45	7677	7672	7656	7628	7588	7535	7468	7386	7290	7177	7039	6886	6719	6538	6346	6142	5945	5745	5543
50	7807	7816	7811	7791	7759	7711	7646	7564	7462	7341	7188	7016	6827	6621	6400	6165	5942	5714	5482
55	7961	7996	8011	8006	7985	7942	7878	7791	7681	7546	7376	7182	6966	6730	6473	6199	5927	5648	5363
60	8113	8202	8260	8286	8287	8257	8196	8105	7982	7828	7635	7412	7161	6882	6576	6246	5893	5532	5166
65	8056	8301	8488	8618	8677	8682	8634	8536	8392	8202	7978	7714	7411	7070	6694	6282	5798	5314	4832
70	6904	7640	8303	8869	9119	9257	9292	9234	9092	8873	8633	8328	7961	7533	7046	6501	5800	5113	4448
75	3815	4564	5279	5930	6282	6544	6721	6818	6839	6789	6698	6540	6315	6024	5668	5245	4529	3829	3160
80	1039	1209	1370	1515	1568	1604	1627	1641	1652	1663	1737	1811	1881	1942	1988	2014	1747	1475	1207
85	303	344	378	403	383	354	319	282	245	212	209	213	220	231	243	257	256	252	246
90	0.61	0.68	0.75	0.82	0.88	0.95	1.03	1.12	1.24	1.38	1.50	1.66	1.87	2.13	2.45	2.85	3.75	4.67	5.58

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

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	5401	5377	5353	5329	5304	5280	5257	5234	5211	5189	5168	5147	5127	5107	5089	5070	5053	5036	5020
10	5357	5309	5260	5210	5160	5111	5062	5014	4967	4921	4876	4832	4790	4748	4708	4670	4633	4598	4565
15	5347	5274	5200	5125	5050	4975	4901	4828	4756	4687	4618	4551	4486	4422	4361	4302	4245	4191	4140
20	5362	5265	5168	5068	4969	4870	4772	4675	4580	4488	4397	4309	4223	4139	4058	3981	3907	3837	3770
25	5388	5269	5149	5027	4905	4784	4664	4547	4431	4320	4212	4107	4004	3905	3809	3717	3628	3544	3465
30	5409	5269	5128	4986	4845	4706	4568	4433	4301	4175	4053	3933	3817	3705	3596	3490	3388	3291	3199
35	5411	5251	5091	4932	4775	4621	4468	4319	4173	4031	3893	3758	3626	3497	3372	3247	3127	3012	2903
40	5389	5208	5028	4852	4678	4506	4337	4169	4004	3839	3676	3516	3359	3205	3056	2912	2774	2642	2517
45	5339	5135	4930	4726	4522	4320	4120	3921	3725	3528	3333	3143	2957	2778	2605	2443	2289	2146	2013
50	5247	5009	4768	4519	4271	4023	3777	3534	3296	3058	2827	2605	2393	2192	2006	1848	1706	1580	1469
55	5073	4779	4481	4169	3857	3548	3247	2955	2675	2416	2174	1948	1742	1556	1391	1274	1178	1101	1042
60	4796	4425	4052	3661	3277	2906	2552	2222	1919	1687	1486	1314	1169	1049	954	888	843	814	798
65	4357	3891	3439	2995	2573	2180	1820	1498	1220	1052	926	835	775	739	721	691	673	664	662
70	3812	3214	2661	2211	1814	1470	1177	935	742	634	568	535	528	541	566	556	550	548	549
75	2532	1958	1451	1147	912	740	619	542	498	448	419	407	408	419	436	433	432	433	435
80	951	715	508	417	358	325	312	315	328	316	309	305	303	303	304	302	301	300	300
85	236	225	212	197	181	166	151	137	126	122	120	120	121	124	127	129	132	135	139
90	6.44	7.21	7.85	7.99	7.99	7.87	7.64	7.34	6.97	6.63	6.26	5.86	5.44	5.00	4.56	4.12	3.69	3.26	2.85

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481
5	4929	4937	4946	4956	4966	4978	4991	5005	5020	5036	5053	5070	5089	5107	5127	5147	5168	5189	5211	5211
10	4372	4389	4407	4429	4452	4477	4505	4534	4565	4598	4633	4670	4708	4748	4790	4832	4876	4921	4967	4967
15	3852	3876	3904	3935	3969	4007	4048	4092	4140	4191	4245	4302	4361	4422	4486	4551	4618	4687	4756	4756
20	3393	3425	3461	3502	3547	3596	3649	3708	3770	3837	3907	3981	4058	4139	4223	4309	4397	4488	4580	4580
25	3013	3051	3095	3143	3197	3256	3320	3390	3465	3544	3628	3717	3809	3905	4004	4107	4212	4320	4431	4431
30	2662	2708	2761	2819	2884	2954	3030	3111	3199	3291	3388	3490	3596	3705	3817	3933	4053	4175	4301	4301
35	2275	2328	2388	2456	2531	2613	2702	2799	2903	3012	3127	3247	3372	3497	3626	3758	3893	4031	4173	4173
40	1831	1886	1950	2022	2103	2192	2290	2399	2517	2642	2774	2912	3056	3205	3359	3516	3676	3839	4004	4004
45	1384	1426	1477	1537	1607	1688	1780	1891	2013	2146	2289	2443	2605	2778	2957	3143	3333	3528	3725	3725
50	1063	1080	1103	1134	1175	1226	1289	1372	1469	1580	1706	1848	2006	2192	2393	2605	2827	3058	3296	3296
55	898	897	898	905	917	936	964	997	1042	1101	1178	1274	1391	1556	1742	1948	2174	2416	2675	2675
60	798	792	788	785	785	788	795	793	798	814	843	888	954	1049	1169	1314	1486	1687	1919	1919
65	708	700	692	686	680	676	673	666	662	664	673	691	721	739	775	835	926	1052	1220	1220
70	613	603	593	583	574	565	558	553	549	548	550	556	566	541	528	535	568	634	742	742
75	471	465	460	454	450	446	442	438	435	433	432	433	436	419	408	407	419	448	498	498
80	346	338	330	323	316	309	304	301	300	300	301	302	304	303	303	305	309	316	328	328
85	189	184	178	171	163	155	148	143	139	135	132	129	127	124	121	120	120	122	126	126
90	0.72	0.87	1.05	1.27	1.52	1.79	2.10	2.46	2.85	3.26	3.69	4.12	4.56	5.00	5.44	5.86	6.26	6.63	6.97	6.97

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	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481	5481									
5	5234	5257	5280	5304	5329	5353	5377	5401	5425	5449	5473									
10	5014	5062	5111	5160	5210	5260	5309	5357	5406	5454	5502									
15	4828	4901	4975	5050	5125	5200	5274	5347	5420	5492	5564									
20	4675	4772	4870	4969	5068	5168	5265	5362	5458	5553	5648									
25	4547	4664	4784	4905	5027	5149	5269	5388	5506	5623	5739									
30	4433	4568	4706	4845	4986	5128	5269	5409	5549	5687	5825									
35	4319	4468	4621	4775	4932	5091	5251	5411	5572	5732	5891									
40	4169	4337	4506	4678	4852	5028	5208	5389	5570	5751	5931									
45	3921	4120	4320	4522	4726	4930	5135	5339	5543	5745	5945									
50	3534	3777	4023	4271	4519	4768	5009	5247	5482	5714	5942									
55	2955	3247	3548	3857	4169	4481	4779	5073	5363	5648	5927									
60	2222	2552	2906	3277	3661	4052	4425	4796	5166	5532	5893									
65	1498	1820	2180	2573	2995	3439	3891	4357	4832	5314	5798									
70	935	1177	1470	1814	2211	2661	3214	3812	4448	5113	5800									
75	542	619	740	912	1147	1451	1958	2532	3160	3829	4529									
80	315	312	325	358	417	508	715	951	1207	1475	1747									
85	137	151	166	181	197	212	225	236	246	252	256									
90	7.34	7.64	7.87	7.99	7.99	7.85	7.21	6.44	5.58	4.67	3.75									

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: