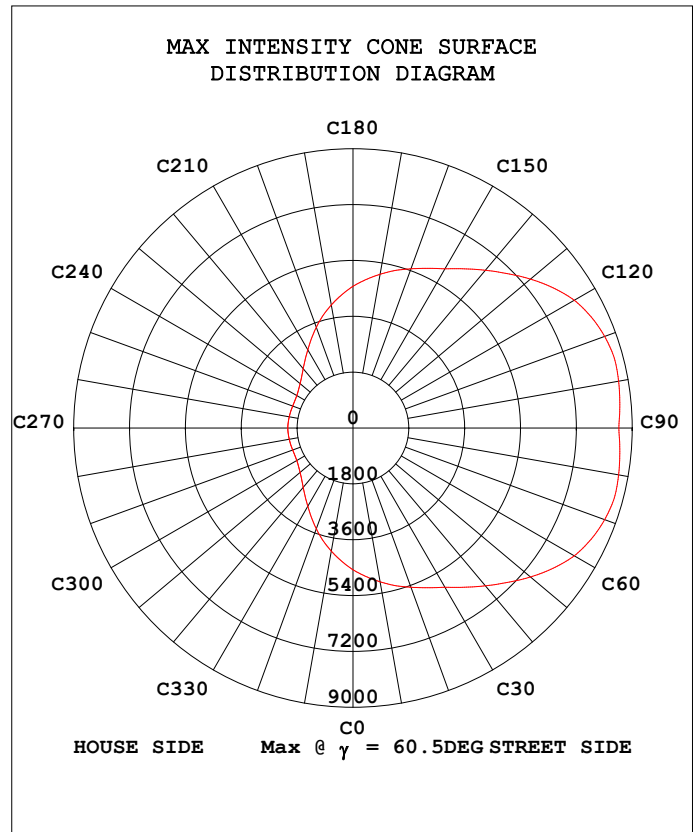
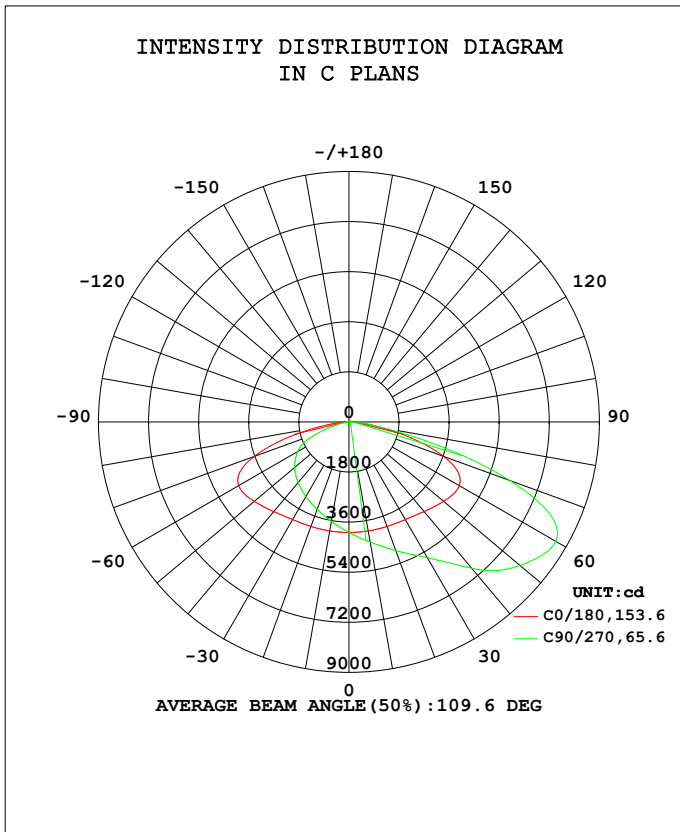


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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:21881.8x1 lm		
NAME: ST10-150-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

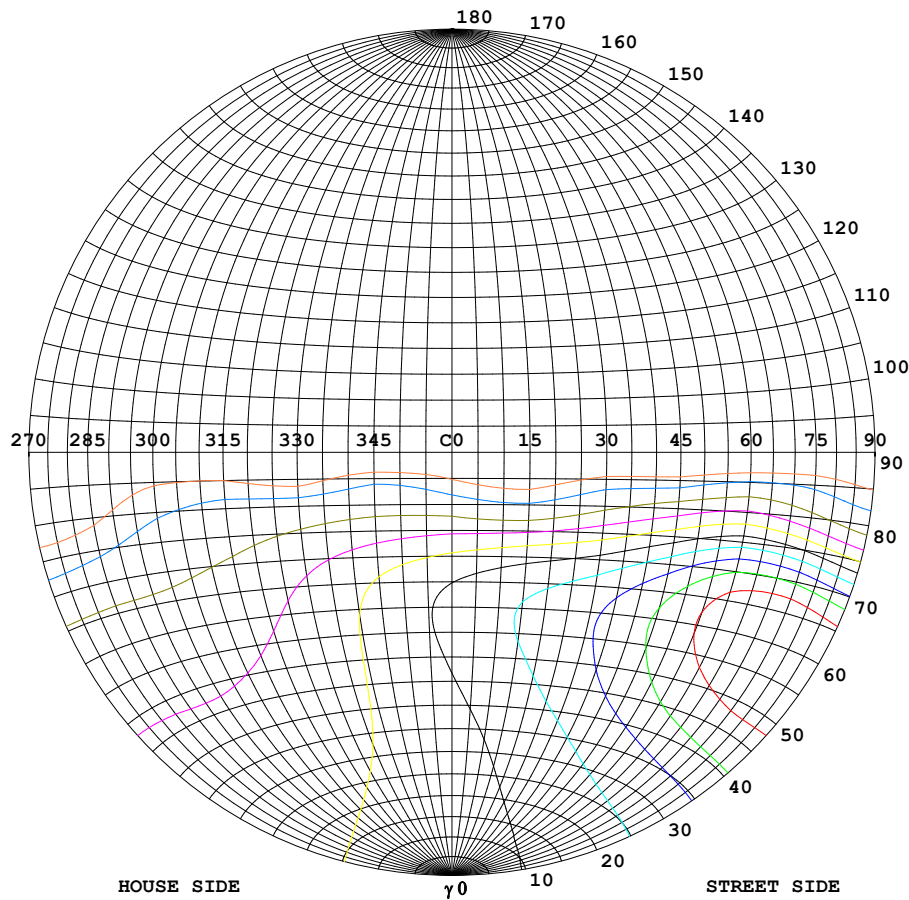
DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.88 lm/W			
MODEL	/	I _{max} (cd)	8718	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	66.8
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	21882	η house_up (%)	0.0
NOMINAL FLUX (lm)	21881.8	MAXIMUM @ (C, γ)	105,60.5	η house_down (%)	33.2
LAMPS INSIDE	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:

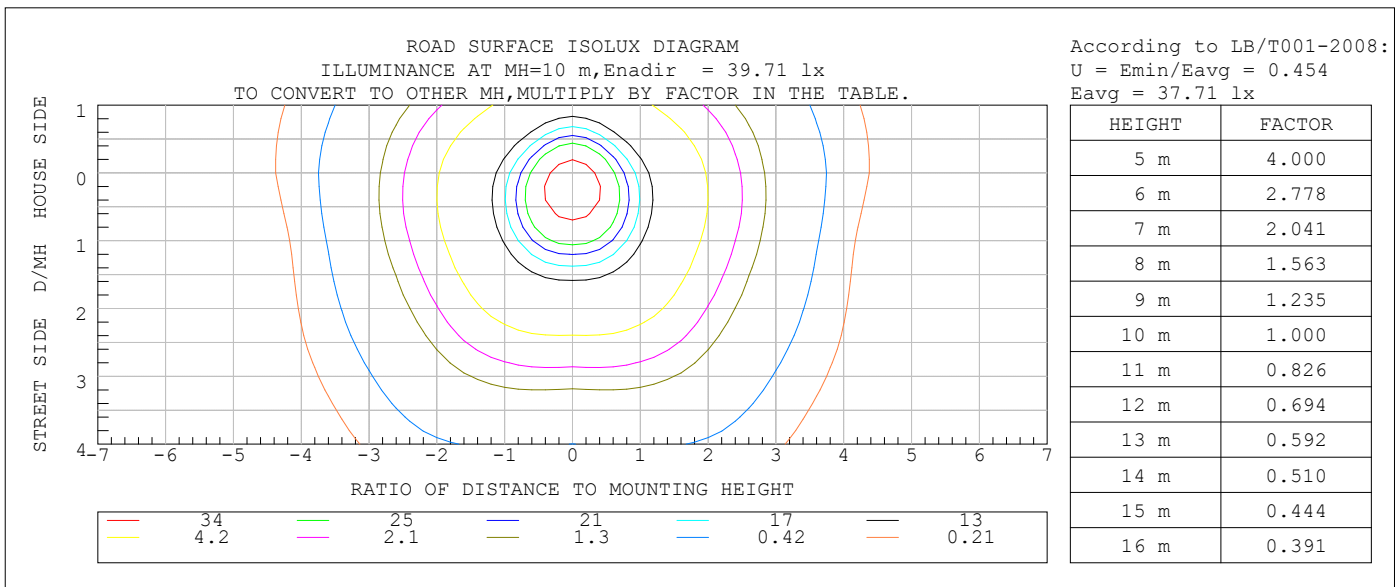
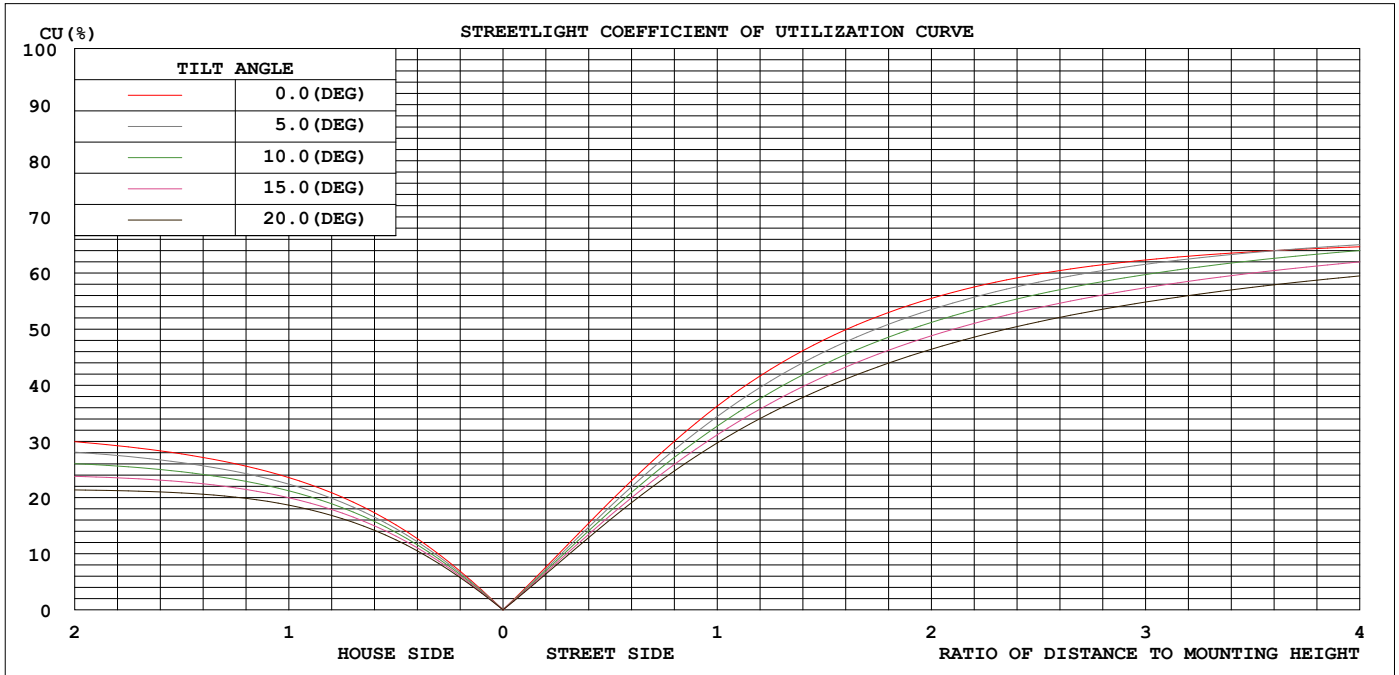
IES:Type IV - Very Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:123.8cd/klm
 Max.At90:0.2179cd/klm
 Max.80-90:123.8cd/klm
 NRB 5101:Semi limited[11.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8718
90%	7846
80%	6974
70%	6102
60%	5231
50%	4359
40%	3487
30%	2615
20%	1744
10%	872
5%	436

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

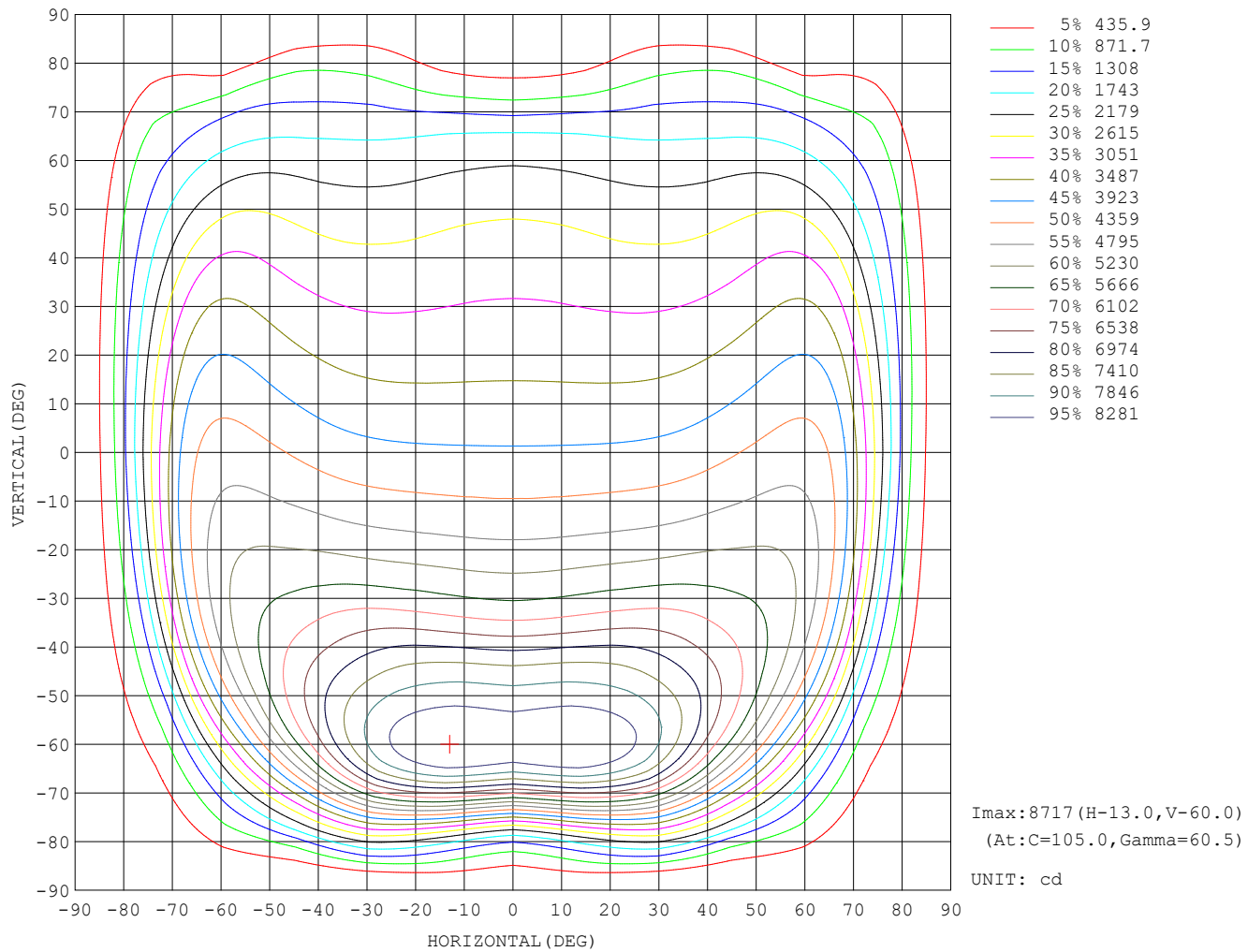
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3977	4263	4381	4263	3977	3723	3629	3723	0- 10	380.0	380.0	1.74,1.74
20	3996	4647	4916	4647	3996	3483	3340	3483	10- 20	1141	1521	6.95,6.95
30	4051	5182	5629	5182	4051	3243	3089	3243	20- 30	1913	3435	15.7,15.7
40	4205	5957	6863	5957	4205	2989	2845	2989	30- 40	2731	6165	28.2,28.2
50	4441	6760	8021	6760	4441	2711	2546	2711	40- 50	3625	9790	44.7,44.7
60	4576	7048	8580	7048	4576	2362	2127	2362	50- 60	4370	14160	64.7,64.7
70	3621	5654	6146	5654	3621	1841	1197	1841	60- 70	4460	18620	85.1,85.1
80	1222	2186	1338	2186	1222	1052	260.4	1052	70- 80	2697	21317	97.4,97.4
90	3.587	0.8198	0.5919	0.8198	3.587	4.400	2.287	4.400	80- 90	565.1	21882	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:

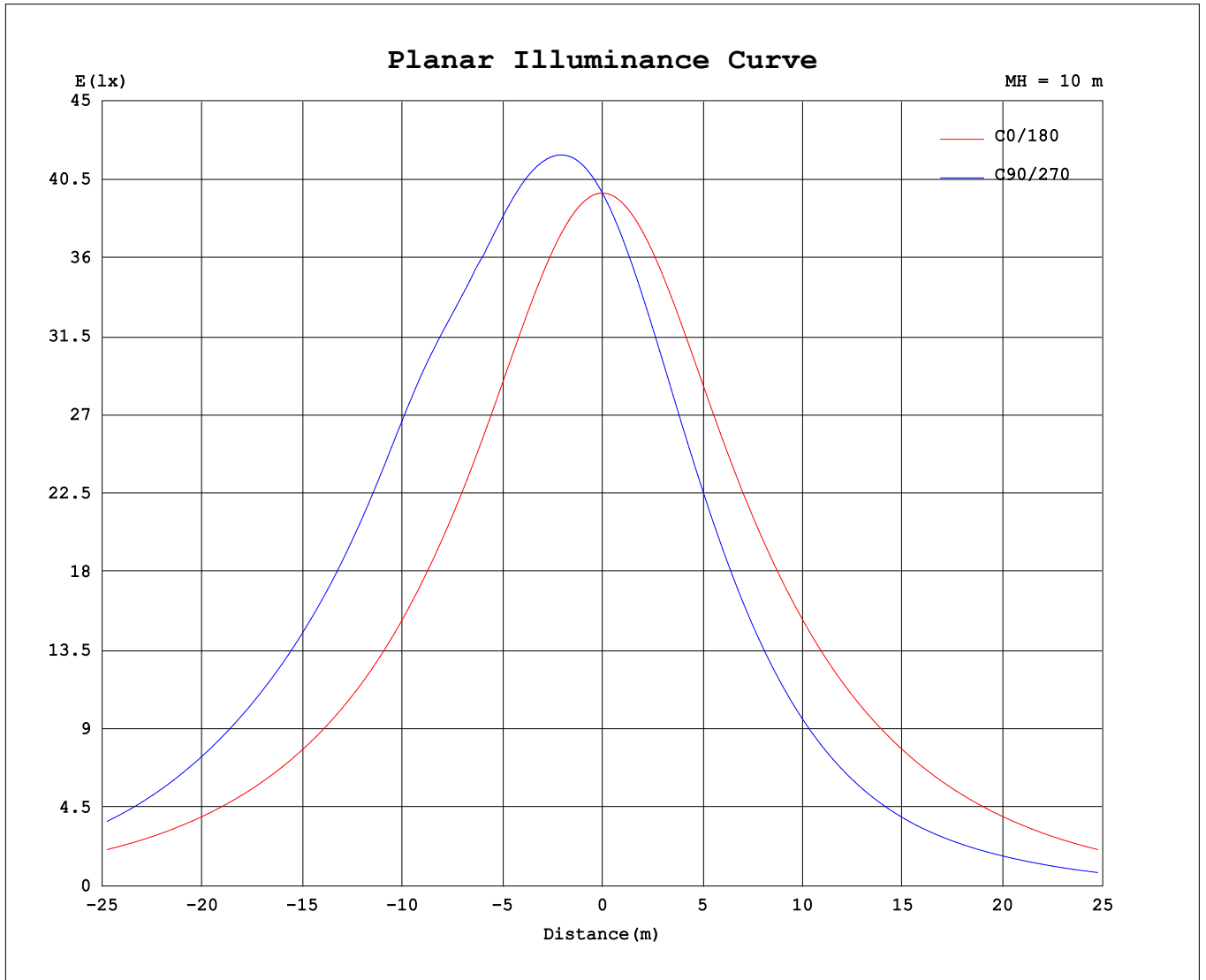
ISOCANDELA DIAGRAM



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

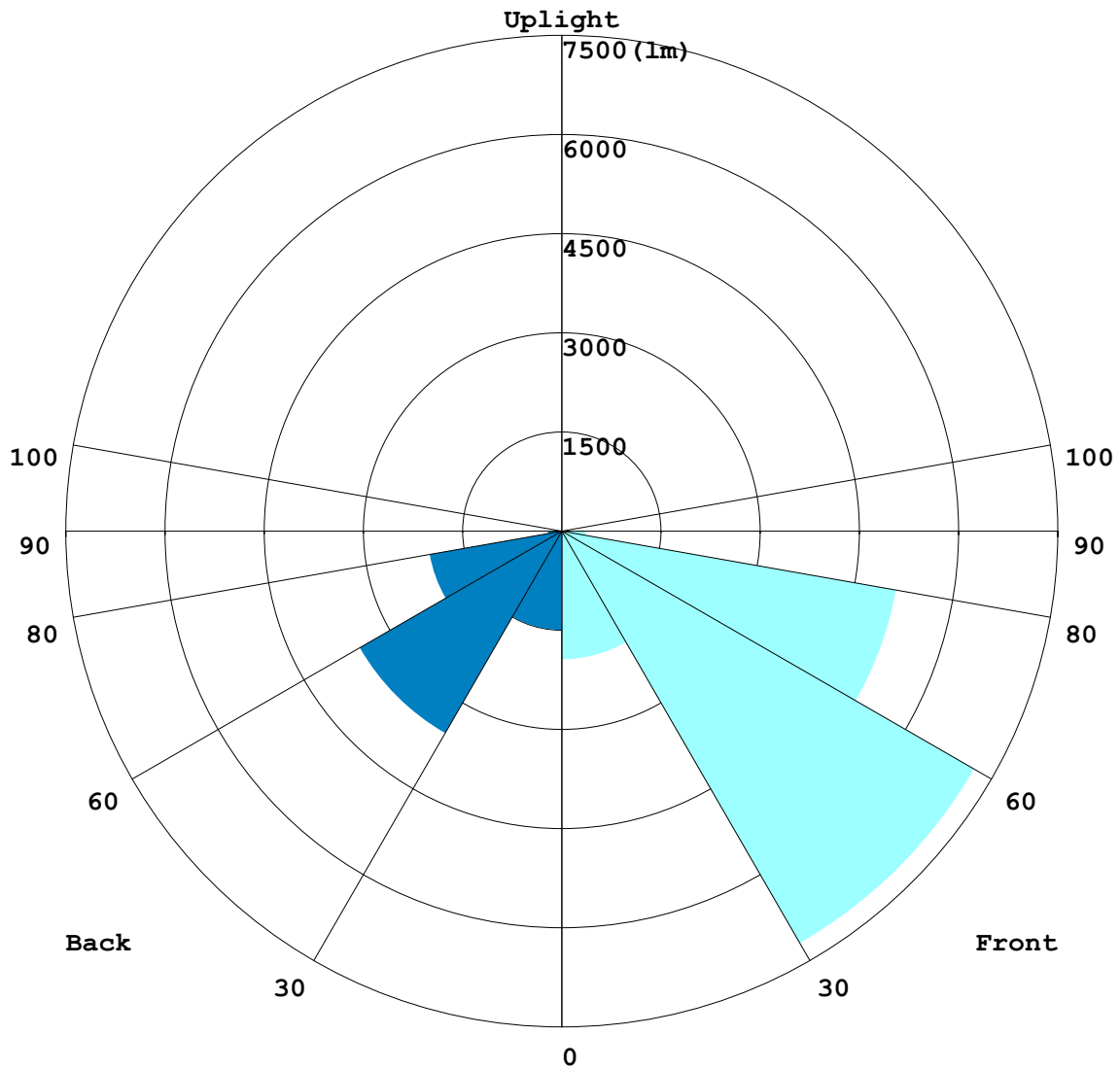
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

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:21881.8x1 lm		
NAME: ST10-150-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:1.253A P:150.0W PF:0.998 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:21881.8x1 lm		
NAME: ST10-150-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)	1938.7	8.9
FM - Front-Medium(30-60)	7196.8	32.9
FH - Front-High(60-80)	5128.4	23.4
FVH - Front-Very High(80-90)	354.73	1.6
Total Forward Light	14619	66.8

BL - Back-Low(0-30)	1495.9	6.8
BM - Back-Medium(30-60)	3528.4	16.1
BH - Back-High(60-80)	2028.5	9.3
BVH - Back-Very High(80-90)	210.33	1.0
Total Back Light	7263.1	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	B3-U0-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7263.1	0	7263.1
Street Side	14619	0	14619

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

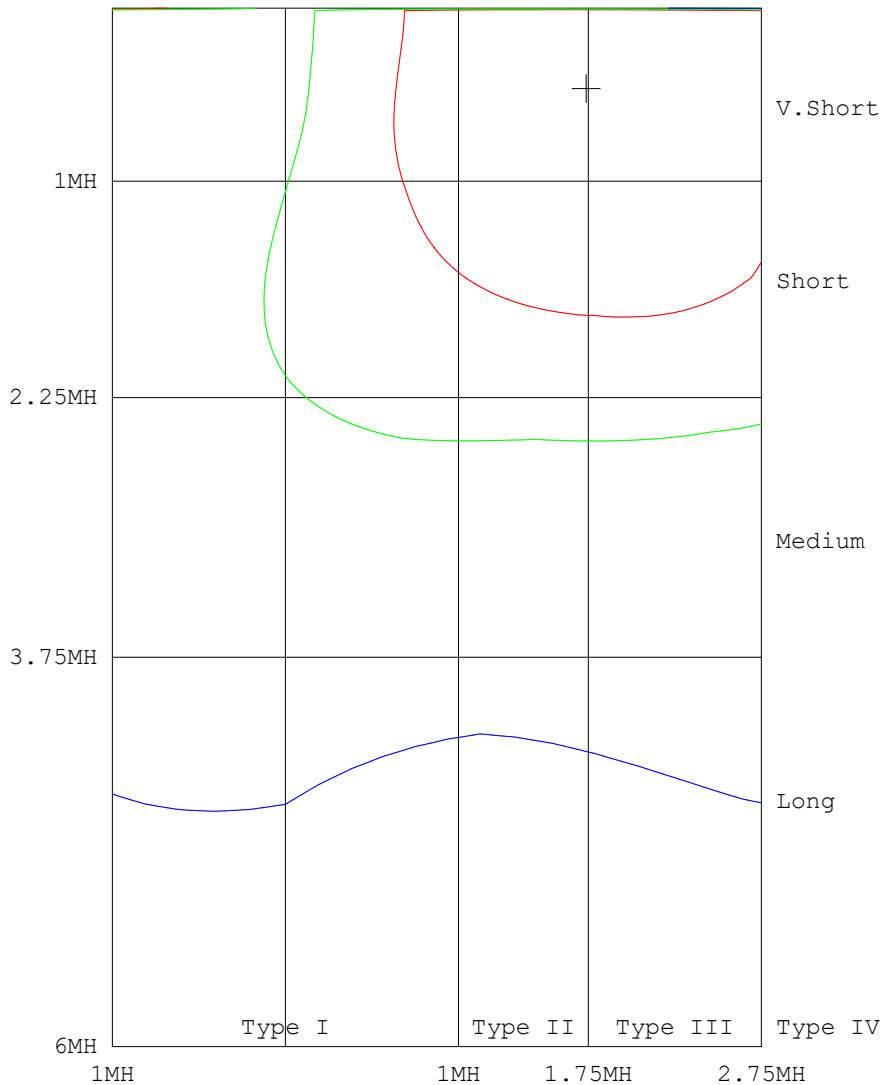
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

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:21881.8x1 lm		
NAME: ST10-150-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	Road	Range: 170.0 - 90DEG	2.5% 217.95
C Interval: 2.5DEG	70% 0.6	50% 1.0	43.5	4.35
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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	3972	3980	3989	3997	4005	4013	4021	4029	4037	4044	4052	4060	4067	4075	4082	4089	4096	4103	4109
10	3977	3994	4011	4027	4044	4061	4078	4095	4111	4128	4144	4160	4176	4192	4207	4222	4236	4250	4263
15	3984	4011	4038	4064	4091	4118	4144	4171	4198	4224	4250	4276	4301	4326	4349	4372	4395	4416	4437
20	3996	4034	4071	4108	4146	4184	4222	4260	4298	4336	4374	4411	4447	4483	4518	4552	4585	4617	4647
25	4017	4065	4114	4164	4214	4264	4315	4366	4417	4468	4518	4568	4618	4666	4714	4760	4805	4849	4891
30	4051	4112	4173	4236	4299	4362	4427	4492	4557	4622	4688	4752	4817	4881	4944	5006	5067	5126	5182
35	4112	4186	4260	4336	4413	4491	4569	4650	4730	4811	4893	4974	5055	5136	5217	5297	5375	5452	5527
40	4205	4292	4380	4471	4562	4655	4749	4845	4941	5038	5137	5236	5336	5440	5545	5650	5753	5856	5957
45	4319	4419	4521	4624	4729	4836	4944	5051	5161	5272	5385	5501	5619	5747	5878	6010	6143	6275	6407
50	4441	4552	4664	4777	4891	5006	5123	5237	5352	5470	5591	5716	5846	5991	6141	6294	6449	6604	6760
55	4554	4673	4792	4911	5030	5148	5266	5377	5488	5603	5721	5845	5976	6133	6297	6466	6640	6816	6993
60	4576	4695	4812	4928	5043	5157	5271	5373	5476	5583	5696	5816	5946	6109	6282	6464	6654	6849	7048
65	4341	4447	4551	4653	4754	4854	4953	5039	5127	5220	5320	5430	5553	5714	5889	6076	6274	6482	6696
70	3621	3697	3772	3847	3922	3998	4074	4141	4212	4289	4374	4470	4580	4729	4892	5068	5254	5451	5654
75	2446	2434	2430	2435	2449	2474	2512	2576	2652	2741	2841	2951	3071	3204	3344	3491	3642	3797	3953
80	1222	1134	1057	996	952	929	928	992	1076	1178	1293	1417	1545	1654	1763	1871	1978	2083	2186
85	411	349	295	251	219	199	193	234	286	345	408	470	528	538	542	544	546	551	562
90	3.59	3.17	2.72	2.26	1.81	1.39	1.01	0.90	0.85	0.84	0.86	0.91	0.97	0.94	0.92	0.89	0.87	0.84	0.82

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--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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	4115	4121	4126	4131	4135	4140	4144	4148	4151	4155	4157	4160	4162	4163	4164	4165	4165	4165	4165
10	4276	4287	4298	4309	4318	4327	4335	4342	4349	4355	4361	4366	4370	4374	4377	4379	4381	4381	4381
15	4457	4477	4495	4512	4528	4543	4557	4569	4580	4590	4599	4606	4613	4619	4623	4626	4628	4629	4628
20	4676	4704	4730	4754	4777	4798	4817	4835	4850	4864	4876	4887	4896	4903	4909	4913	4916	4916	4916
25	4931	4970	5006	5039	5071	5099	5124	5146	5166	5183	5198	5211	5221	5229	5235	5239	5242	5242	5242
30	5235	5285	5333	5377	5417	5454	5486	5513	5537	5558	5576	5591	5604	5614	5621	5626	5629	5629	5629
35	5599	5668	5734	5796	5854	5907	5952	5993	6028	6059	6086	6109	6127	6141	6151	6157	6161	6161	6161
40	6055	6150	6241	6328	6410	6486	6554	6616	6672	6722	6764	6801	6825	6843	6855	6862	6865	6863	6865
45	6540	6670	6794	6914	7025	7129	7216	7293	7361	7419	7468	7508	7532	7547	7555	7557	7555	7549	7555
50	6917	7070	7218	7359	7491	7612	7709	7794	7867	7929	7979	8018	8036	8044	8045	8040	8031	8021	8031
55	7175	7353	7526	7690	7844	7986	8097	8193	8275	8343	8397	8437	8450	8452	8446	8434	8419	8403	8419
60	7261	7472	7677	7874	8058	8227	8353	8461	8551	8622	8676	8712	8709	8693	8668	8638	8607	8580	8607
65	6942	7187	7426	7654	7865	8053	8173	8265	8333	8377	8398	8398	8346	8280	8209	8138	8074	8025	8074
70	5898	6140	6372	6588	6780	6940	6996	7018	7009	6972	6912	6831	6704	6570	6438	6317	6217	6146	6217
75	4139	4318	4485	4631	4751	4839	4821	4770	4689	4584	4459	4319	4143	3967	3801	3654	3537	3457	3537
80	2311	2428	2532	2616	2677	2708	2642	2548	2431	2297	2153	2003	1854	1713	1584	1475	1391	1338	1391
85	620	684	749	810	865	910	908	893	867	832	790	741	676	611	550	495	450	420	450
90	0.81	0.81	0.81	0.81	0.80	0.80	0.79	0.77	0.75	0.74	0.72	0.70	0.67	0.65	0.63	0.61	0.60	0.59	0.60

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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	4165	4164	4163	4162	4160	4157	4155	4151	4148	4144	4140	4135	4131	4126	4121	4115	4109	4103	4096
10	4379	4377	4374	4370	4366	4361	4355	4349	4342	4335	4327	4318	4309	4298	4287	4276	4263	4250	4236
15	4626	4623	4619	4613	4606	4599	4590	4580	4569	4557	4543	4528	4512	4495	4477	4457	4437	4416	4395
20	4913	4909	4903	4896	4887	4876	4864	4850	4835	4817	4798	4777	4754	4730	4704	4676	4647	4617	4585
25	5239	5235	5229	5221	5211	5198	5183	5166	5146	5124	5099	5071	5039	5006	4970	4931	4891	4849	4805
30	5626	5621	5614	5604	5591	5576	5558	5537	5513	5486	5454	5417	5377	5333	5285	5235	5182	5126	5067
35	6157	6151	6141	6127	6109	6086	6059	6028	5993	5952	5907	5854	5796	5734	5668	5599	5527	5452	5375
40	6862	6855	6843	6825	6801	6764	6722	6672	6616	6554	6486	6410	6328	6241	6150	6055	5957	5856	5753
45	7557	7555	7547	7532	7508	7468	7419	7361	7293	7216	7129	7025	6914	6794	6670	6540	6407	6275	6143
50	8040	8045	8044	8036	8018	7979	7929	7867	7794	7709	7612	7491	7359	7218	7070	6917	6760	6604	6449
55	8434	8446	8452	8450	8437	8397	8343	8275	8193	8097	7986	7844	7690	7526	7353	7175	6993	6816	6640
60	8638	8668	8693	8709	8712	8676	8622	8551	8461	8353	8227	8058	7874	7677	7472	7261	7048	6849	6654
65	8138	8209	8280	8346	8398	8398	8377	8333	8265	8173	8053	7865	7654	7426	7187	6942	6696	6482	6274
70	6317	6438	6570	6704	6831	6912	6972	7009	7018	6996	6940	6780	6588	6372	6140	5898	5654	5451	5254
75	3654	3801	3967	4143	4319	4459	4584	4689	4770	4821	4839	4751	4631	4485	4318	4139	3953	3797	3642
80	1475	1584	1713	1854	2003	2153	2297	2431	2548	2642	2708	2677	2616	2532	2428	2311	2186	2083	1978
85	495	550	611	676	741	790	832	867	893	908	910	865	810	749	684	620	562	551	546
90	0.61	0.63	0.65	0.67	0.70	0.72	0.74	0.75	0.77	0.79	0.80	0.80	0.81	0.81	0.81	0.81	0.82	0.84	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°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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	4089	4082	4075	4067	4060	4052	4044	4037	4029	4021	4013	4005	3997	3989	3980	3972	3964	3956	3948
10	4222	4207	4192	4176	4160	4144	4128	4111	4095	4078	4061	4044	4027	4011	3994	3977	3960	3944	3927
15	4372	4349	4326	4301	4276	4250	4224	4198	4171	4144	4118	4091	4064	4038	4011	3984	3958	3933	3907
20	4552	4518	4483	4447	4411	4374	4336	4298	4260	4222	4184	4146	4108	4071	4034	3996	3960	3925	3890
25	4760	4714	4666	4618	4568	4518	4468	4417	4366	4315	4264	4214	4164	4114	4065	4017	3969	3923	3878
30	5006	4944	4881	4817	4752	4688	4622	4557	4492	4427	4362	4299	4236	4173	4112	4051	3992	3934	3877
35	5297	5217	5136	5055	4974	4893	4811	4730	4650	4569	4491	4413	4336	4260	4186	4112	4039	3968	3898
40	5650	5545	5440	5336	5236	5137	5038	4941	4845	4749	4655	4562	4471	4380	4292	4205	4117	4031	3946
45	6010	5878	5747	5619	5501	5385	5272	5161	5051	4944	4836	4729	4624	4521	4419	4319	4216	4114	4014
50	6294	6141	5991	5846	5716	5591	5470	5352	5237	5123	5006	4891	4777	4664	4552	4441	4324	4208	4093
55	6466	6297	6133	5976	5845	5721	5603	5488	5377	5266	5148	5030	4911	4792	4673	4554	4425	4296	4167
60	6464	6282	6109	5946	5816	5696	5583	5476	5373	5271	5157	5043	4928	4812	4695	4576	4443	4309	4173
65	6076	5889	5714	5553	5430	5320	5220	5127	5039	4953	4854	4754	4653	4551	4447	4341	4221	4097	3971
70	5068	4892	4729	4580	4470	4374	4289	4212	4141	4074	3998	3922	3847	3772	3697	3621	3534	3444	3350
75	3491	3344	3204	3071	2951	2841	2741	2652	2576	2512	2474	2449	2435	2430	2434	2446	2418	2386	2348
80	1871	1763	1654	1545	1417	1293	1178	1076	992	928	929	952	996	1057	1134	1222	1278	1325	1362
85	544	542	538	528	470	408	345	286	234	193	199	219	251	295	349	411	491	561	618
90	0.89	0.92	0.94	0.97	0.91	0.86	0.84	0.85	0.90	1.01	1.39	1.81	2.26	2.72	3.17	3.59	3.85	4.06	4.23

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) \ γ (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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	3940	3932	3924	3916	3909	3902	3894	3887	3881	3874	3868	3862	3857	3851	3846	3840	3835	3829	3824
10	3911	3895	3879	3864	3849	3834	3820	3806	3792	3780	3767	3756	3744	3734	3723	3713	3703	3694	3686
15	3883	3858	3834	3811	3788	3766	3745	3724	3704	3685	3667	3650	3633	3618	3603	3589	3576	3563	3552
20	3855	3822	3789	3758	3727	3697	3668	3641	3614	3589	3566	3543	3522	3502	3483	3466	3449	3435	3421
25	3833	3790	3748	3707	3667	3629	3593	3558	3524	3494	3465	3437	3412	3388	3366	3345	3326	3308	3293
30	3822	3768	3716	3664	3615	3567	3521	3478	3436	3398	3363	3329	3298	3270	3243	3220	3198	3179	3162
35	3830	3764	3699	3636	3574	3515	3458	3404	3353	3306	3262	3222	3184	3150	3119	3092	3068	3047	3028
40	3863	3782	3703	3625	3549	3476	3406	3339	3276	3218	3164	3114	3069	3027	2989	2958	2930	2906	2886
45	3916	3819	3724	3629	3536	3447	3361	3279	3202	3132	3066	3006	2950	2900	2855	2818	2785	2757	2735
50	3978	3865	3753	3640	3529	3422	3318	3219	3126	3041	2963	2891	2825	2765	2711	2666	2627	2595	2568
55	4037	3908	3780	3649	3519	3392	3270	3152	3041	2941	2848	2762	2684	2612	2549	2495	2450	2411	2379
60	4036	3897	3758	3612	3468	3326	3187	3054	2926	2812	2706	2608	2517	2435	2362	2301	2248	2204	2168
65	3841	3709	3574	3430	3286	3142	3001	2864	2732	2614	2502	2398	2302	2214	2135	2070	2015	1967	1928
70	3252	3151	3048	2935	2820	2705	2591	2478	2369	2267	2171	2079	1993	1914	1841	1785	1735	1691	1651
75	2306	2259	2209	2150	2089	2025	1960	1894	1828	1765	1704	1644	1585	1529	1474	1431	1390	1348	1305
80	1388	1404	1409	1389	1360	1323	1283	1239	1196	1172	1149	1127	1104	1079	1052	1017	979	938	893
85	660	686	694	631	555	471	385	305	237	249	275	311	352	395	435	440	439	432	418
90	4.35	4.44	4.51	4.60	4.67	4.72	4.75	4.77	4.77	4.76	4.73	4.68	4.61	4.52	4.40	4.21	4.01	3.80	3.58

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--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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	3820	3816	3812	3809	3806	3804	3802	3800	3798	3796	3795	3794	3793	3793	3793	3794	3795	3796	3798
10	3677	3670	3664	3658	3653	3648	3644	3640	3637	3634	3632	3631	3630	3629	3630	3631	3632	3634	3637
15	3541	3532	3523	3515	3508	3502	3496	3492	3488	3484	3482	3480	3479	3479	3479	3480	3482	3484	3488
20	3409	3398	3388	3380	3373	3366	3361	3356	3352	3348	3344	3342	3340	3340	3340	3342	3344	3348	3352
25	3279	3266	3256	3247	3240	3234	3229	3225	3221	3217	3215	3213	3211	3211	3211	3213	3215	3217	3221
30	3148	3135	3125	3117	3111	3106	3102	3099	3096	3093	3091	3090	3090	3089	3090	3090	3091	3093	3096
35	3013	3000	2991	2984	2979	2975	2973	2972	2970	2969	2969	2969	2969	2970	2969	2969	2969	2969	2970
40	2870	2857	2849	2844	2841	2840	2840	2842	2842	2842	2843	2844	2844	2845	2844	2844	2843	2842	2842
45	2716	2702	2695	2691	2689	2690	2693	2697	2698	2700	2702	2704	2706	2707	2706	2704	2702	2700	2698
50	2546	2530	2521	2517	2516	2518	2522	2528	2531	2534	2538	2541	2544	2546	2544	2541	2538	2534	2531
55	2354	2335	2324	2319	2317	2319	2323	2329	2333	2338	2342	2346	2350	2353	2350	2346	2342	2338	2333
60	2138	2116	2103	2095	2093	2093	2097	2103	2107	2111	2116	2120	2124	2127	2124	2120	2116	2111	2107
65	1896	1870	1854	1842	1835	1831	1830	1830	1824	1819	1815	1812	1810	1809	1810	1812	1815	1819	1824
70	1614	1580	1541	1504	1467	1432	1398	1366	1326	1290	1257	1230	1209	1197	1209	1230	1257	1290	1326
75	1260	1211	1137	1059	980	903	830	762	714	674	642	619	605	600	605	619	642	674	714
80	844	790	717	642	566	493	424	362	325	298	278	265	260	260	260	265	278	298	325
85	399	375	338	298	256	215	176	140	123	111	103	98.6	97.8	99.8	97.8	98.6	103	111	123
90	3.36	3.15	3.00	2.86	2.74	2.63	2.53	2.46	2.40	2.35	2.32	2.30	2.29	2.29	2.29	2.30	2.32	2.35	2.40

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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971
5	3800	3802	3804	3806	3809	3812	3816	3820	3824	3829	3835	3840	3846	3851	3857	3862	3868	3874	3881
10	3640	3644	3648	3653	3658	3664	3670	3677	3686	3694	3703	3713	3723	3734	3744	3756	3767	3780	3792
15	3492	3496	3502	3508	3515	3523	3532	3541	3552	3563	3576	3589	3603	3618	3633	3650	3667	3685	3704
20	3356	3361	3366	3373	3380	3388	3398	3409	3421	3435	3449	3466	3483	3502	3522	3543	3566	3589	3614
25	3225	3229	3234	3240	3247	3256	3266	3279	3293	3308	3326	3345	3366	3388	3412	3437	3465	3494	3524
30	3099	3102	3106	3111	3117	3125	3135	3148	3162	3179	3198	3220	3243	3270	3298	3329	3363	3398	3436
35	2972	2973	2975	2979	2984	2991	3000	3013	3028	3047	3068	3092	3119	3150	3184	3222	3262	3306	3353
40	2842	2840	2840	2841	2844	2849	2857	2870	2886	2906	2930	2958	2989	3027	3069	3114	3164	3218	3276
45	2697	2693	2690	2689	2691	2695	2702	2716	2735	2757	2785	2818	2855	2900	2950	3006	3066	3132	3202
50	2528	2522	2518	2516	2517	2521	2530	2546	2568	2595	2627	2666	2711	2765	2825	2891	2963	3041	3126
55	2329	2323	2319	2317	2319	2324	2335	2354	2379	2411	2450	2495	2549	2612	2684	2762	2848	2941	3041
60	2103	2097	2093	2093	2095	2103	2116	2138	2168	2204	2248	2301	2362	2435	2517	2608	2706	2812	2926
65	1830	1830	1831	1835	1842	1854	1870	1896	1928	1967	2015	2070	2135	2214	2302	2398	2502	2614	2732
70	1366	1398	1432	1467	1504	1541	1580	1614	1651	1691	1735	1785	1841	1914	1993	2079	2171	2267	2369
75	762	830	903	980	1059	1137	1211	1260	1305	1348	1390	1431	1474	1529	1585	1644	1704	1765	1828
80	362	424	493	566	642	717	790	844	893	938	979	1017	1052	1079	1104	1127	1149	1172	1196
85	140	176	215	256	298	338	375	399	418	432	439	440	435	395	352	311	275	249	237
90	2.46	2.53	2.63	2.74	2.86	3.00	3.15	3.36	3.58	3.80	4.01	4.21	4.40	4.52	4.61	4.68	4.73	4.76	4.77

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:

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	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971	3971								
5	3887	3894	3902	3909	3916	3924	3932	3940	3948	3956	3964								
10	3806	3820	3834	3849	3864	3879	3895	3911	3927	3944	3960								
15	3724	3745	3766	3788	3811	3834	3858	3883	3907	3933	3958								
20	3641	3668	3697	3727	3758	3789	3822	3855	3890	3925	3960								
25	3558	3593	3629	3667	3707	3748	3790	3833	3878	3923	3969								
30	3478	3521	3567	3615	3664	3716	3768	3822	3877	3934	3992								
35	3404	3458	3515	3574	3636	3699	3764	3830	3898	3968	4039								
40	3339	3406	3476	3549	3625	3703	3782	3863	3946	4031	4117								
45	3279	3361	3447	3536	3629	3724	3819	3916	4014	4114	4216								
50	3219	3318	3422	3529	3640	3753	3865	3978	4093	4208	4324								
55	3152	3270	3392	3519	3649	3780	3908	4037	4167	4296	4425								
60	3054	3187	3326	3468	3612	3758	3897	4036	4173	4309	4443								
65	2864	3001	3142	3286	3430	3574	3709	3841	3971	4097	4221								
70	2478	2591	2705	2820	2935	3048	3151	3252	3350	3444	3534								
75	1894	1960	2025	2089	2150	2209	2259	2306	2348	2386	2418								
80	1239	1283	1323	1360	1389	1409	1404	1388	1362	1325	1278								
85	305	385	471	555	631	694	686	660	618	561	491								
90	4.77	4.75	4.72	4.67	4.60	4.51	4.44	4.35	4.23	4.06	3.85								

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: