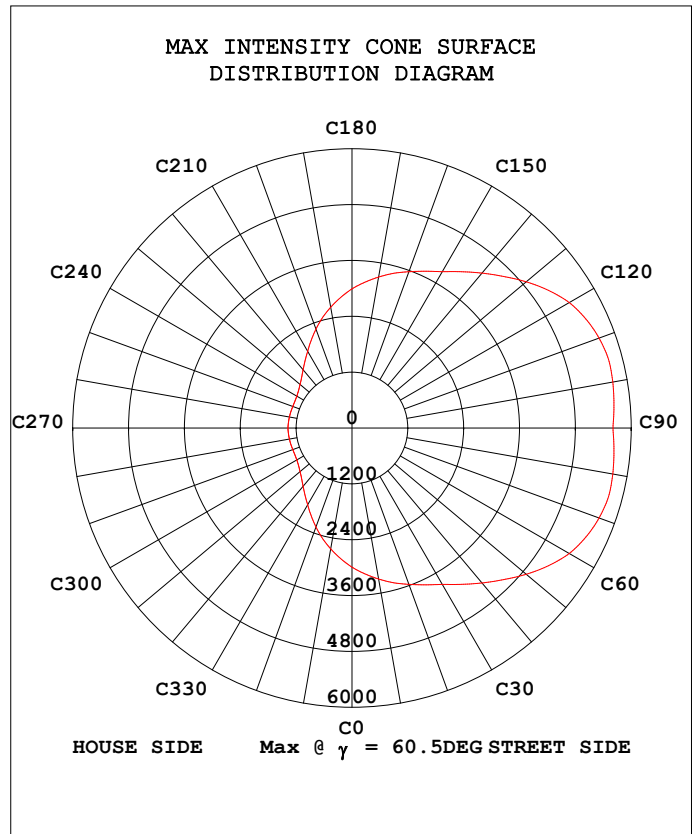
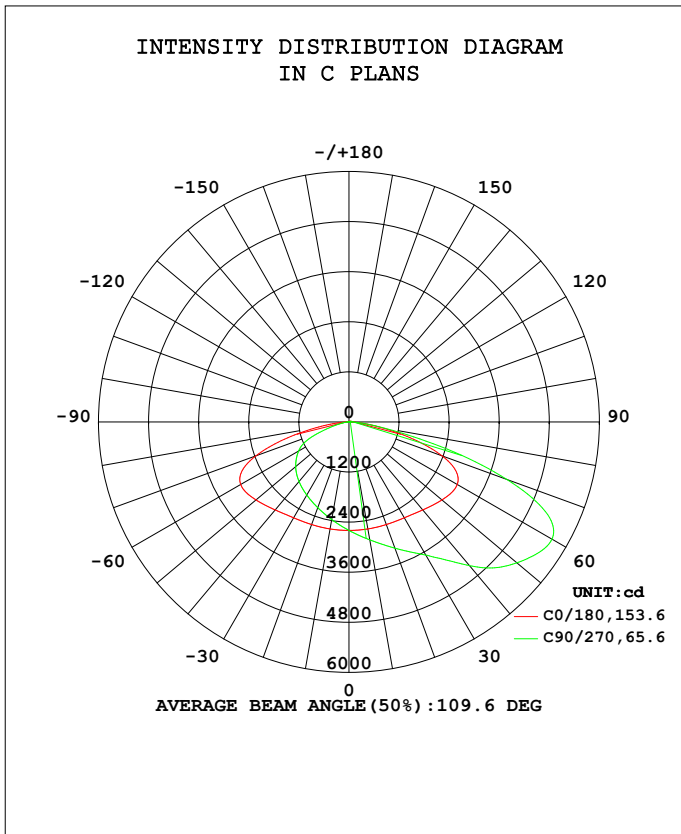


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14322.2x1 lm		
NAME: ST10-100-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

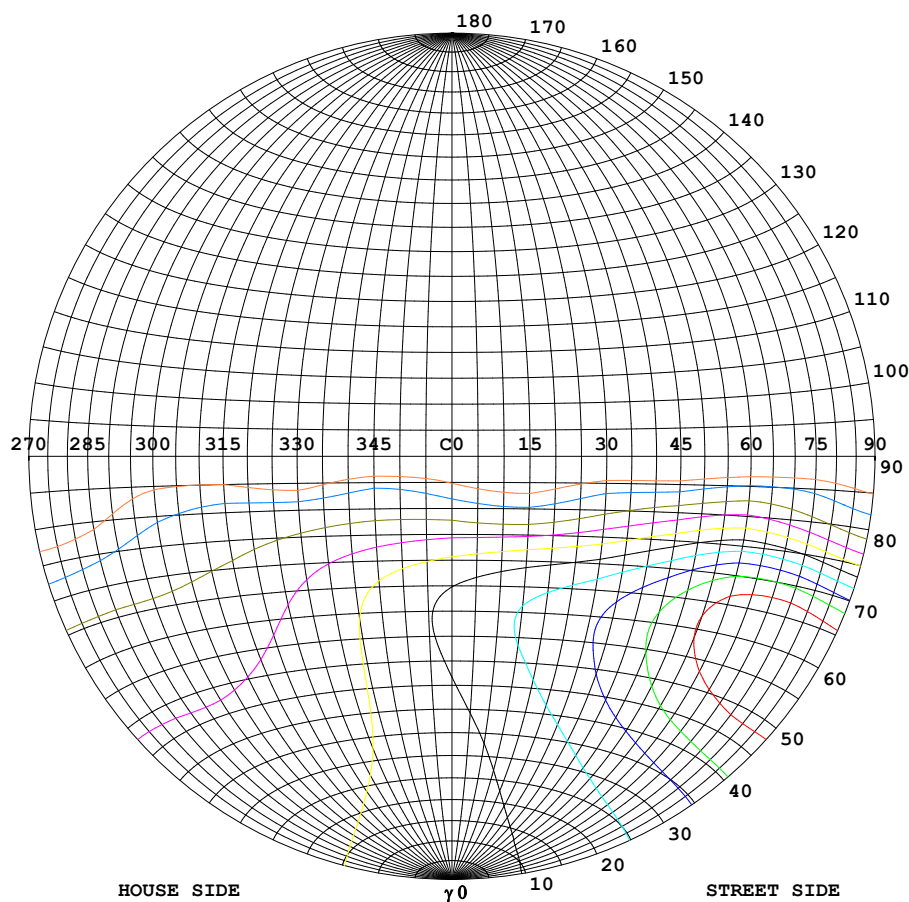
DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.22 lm/W			
MODEL	/	I _{max} (cd)	5706	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	66.8
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	14322	η house_up (%)	0.0
NOMINAL FLUX (lm)	14322.2	MAXIMUM @ (C, γ)	75,60.5	η house_down (%)	33.2
LAMPS INSIDE	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:

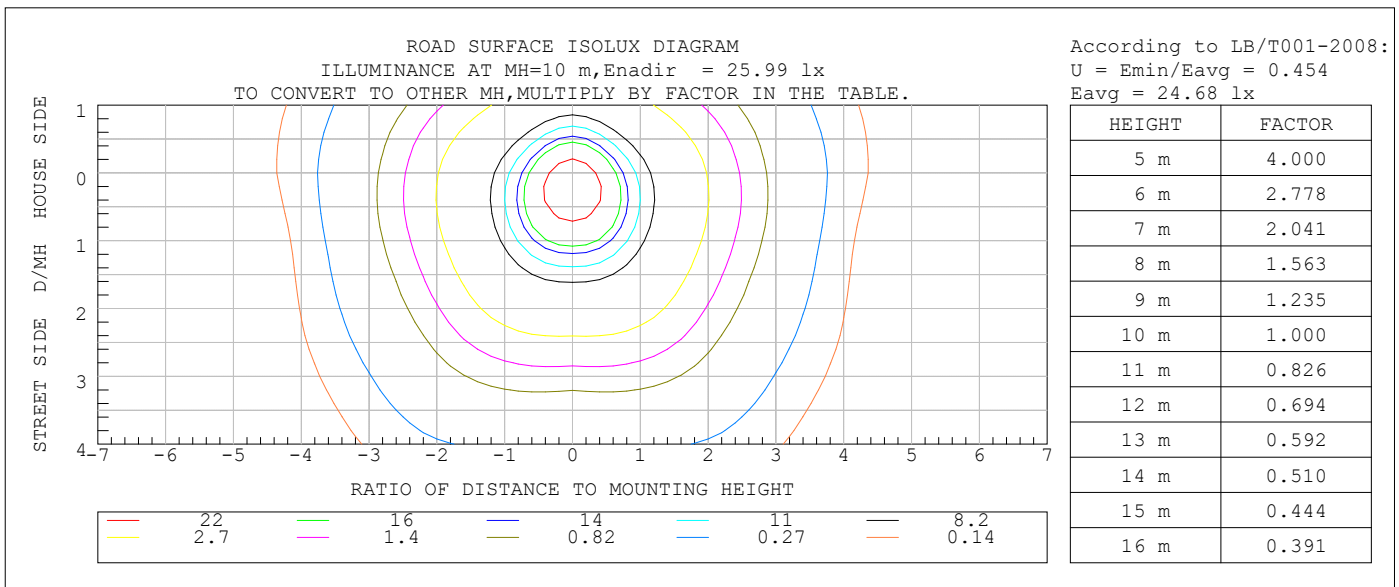
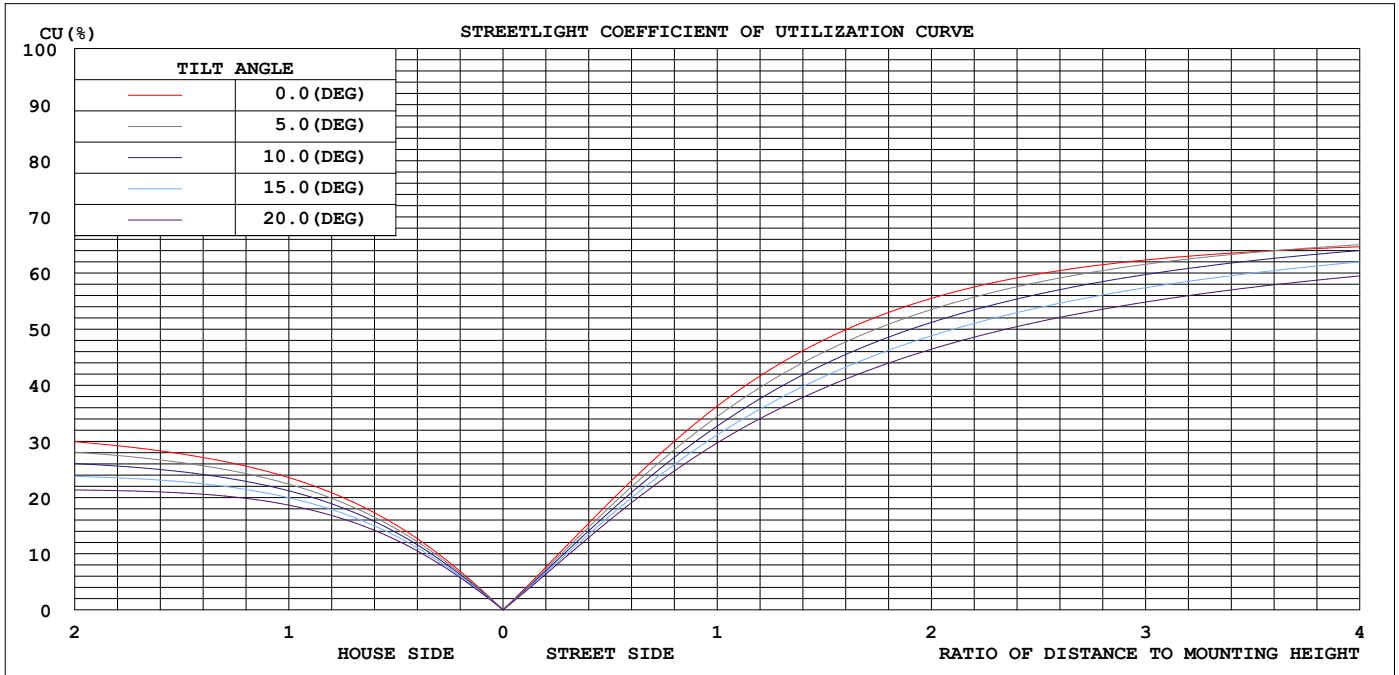
IES:Type IV - Very Short
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:123.8cd/klm
 Max.At90:0.2179cd/klm
 Max.80-90:123.8cd/klm
 NRB 5101:Semi limited[11.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5706
90%	5135
80%	4565
70%	3994
60%	3424
50%	2853
40%	2282
30%	1712
20%	1141
10%	571
5%	285

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

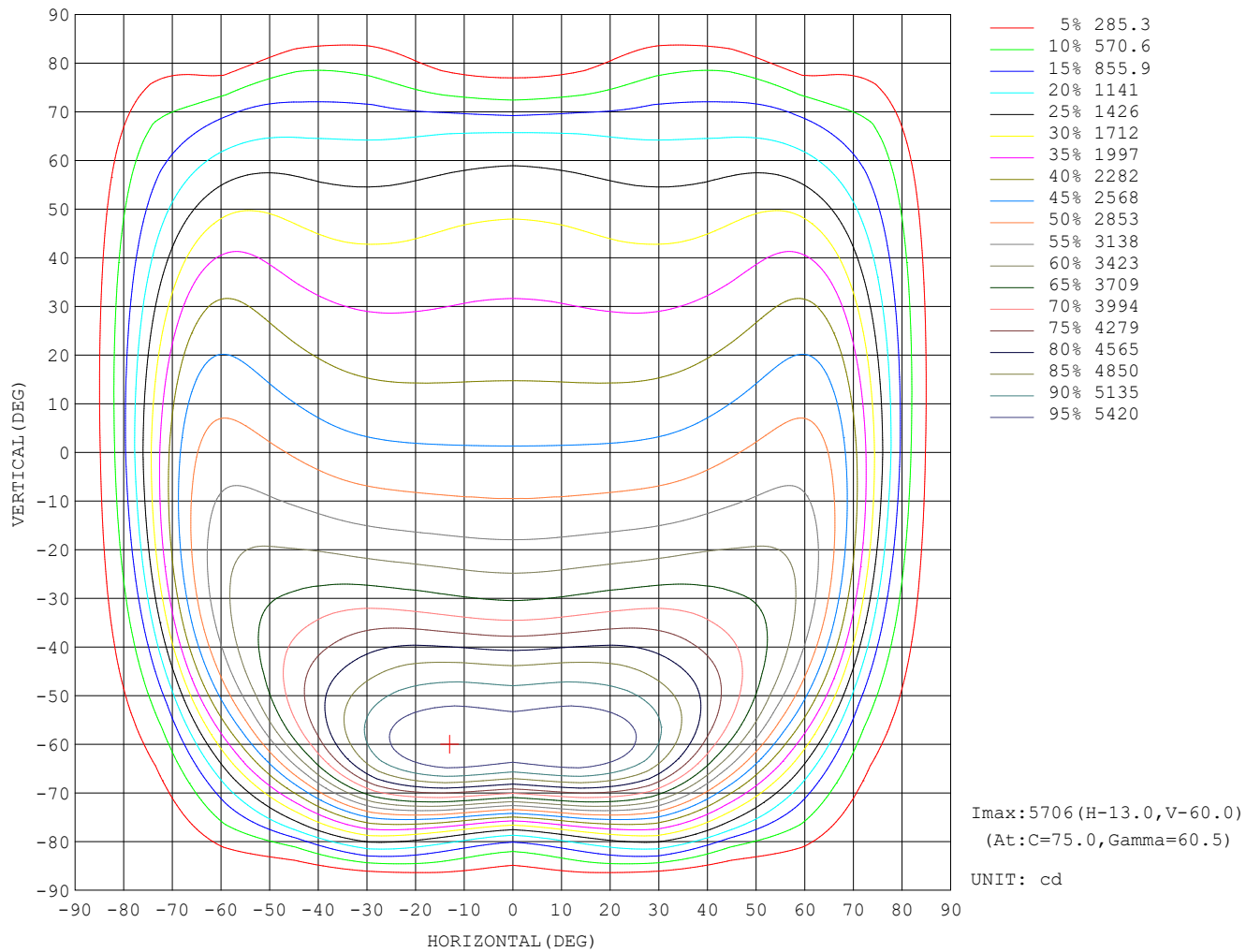
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2603	2791	2868	2791	2603	2437	2375	2437	0- 10	248.7	248.7	1.74,1.74
20	2616	3042	3218	3042	2616	2280	2186	2280	10- 20	747.0	995.8	6.95,6.95
30	2652	3392	3684	3392	2652	2123	2022	2123	20- 30	1252	2248	15.7,15.7
40	2752	3899	4492	3899	2752	1957	1862	1957	30- 40	1787	4035	28.2,28.2
50	2907	4424	5250	4424	2907	1775	1666	1775	40- 50	2372	6408	44.7,44.7
60	2995	4613	5616	4613	2995	1546	1392	1546	50- 60	2860	9268	64.7,64.7
70	2370	3701	4022	3701	2370	1205	783.3	1205	60- 70	2919	12187	85.1,85.1
80	800.2	1431	875.7	1431	800.2	688.2	170.4	688.2	70- 80	1765	13952	97.4,97.4
90	2.348	0.5366	0.3874	0.5366	2.348	2.880	1.497	2.880	80- 90	369.8	14322	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:

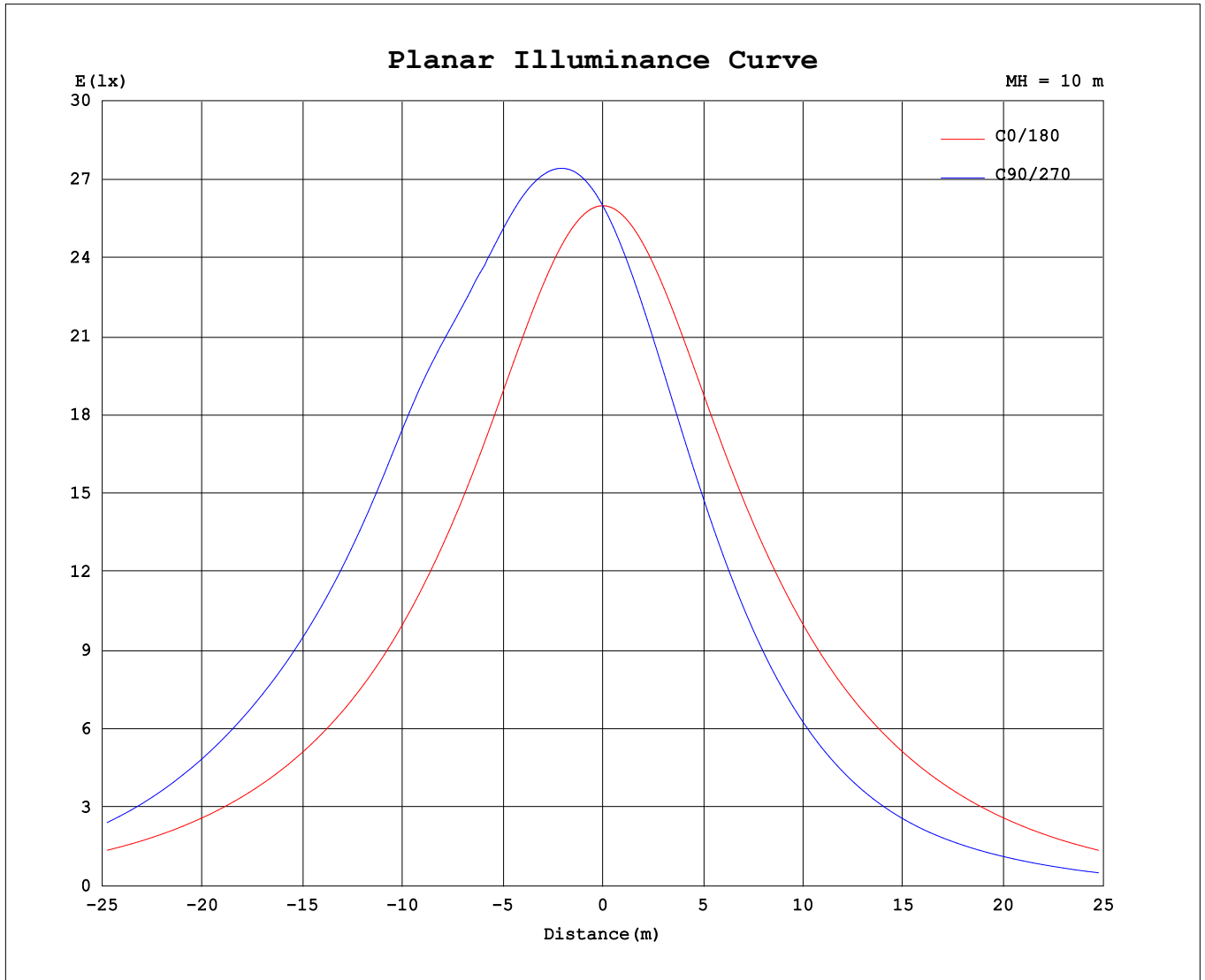
ISOCANDELA DIAGRAM



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

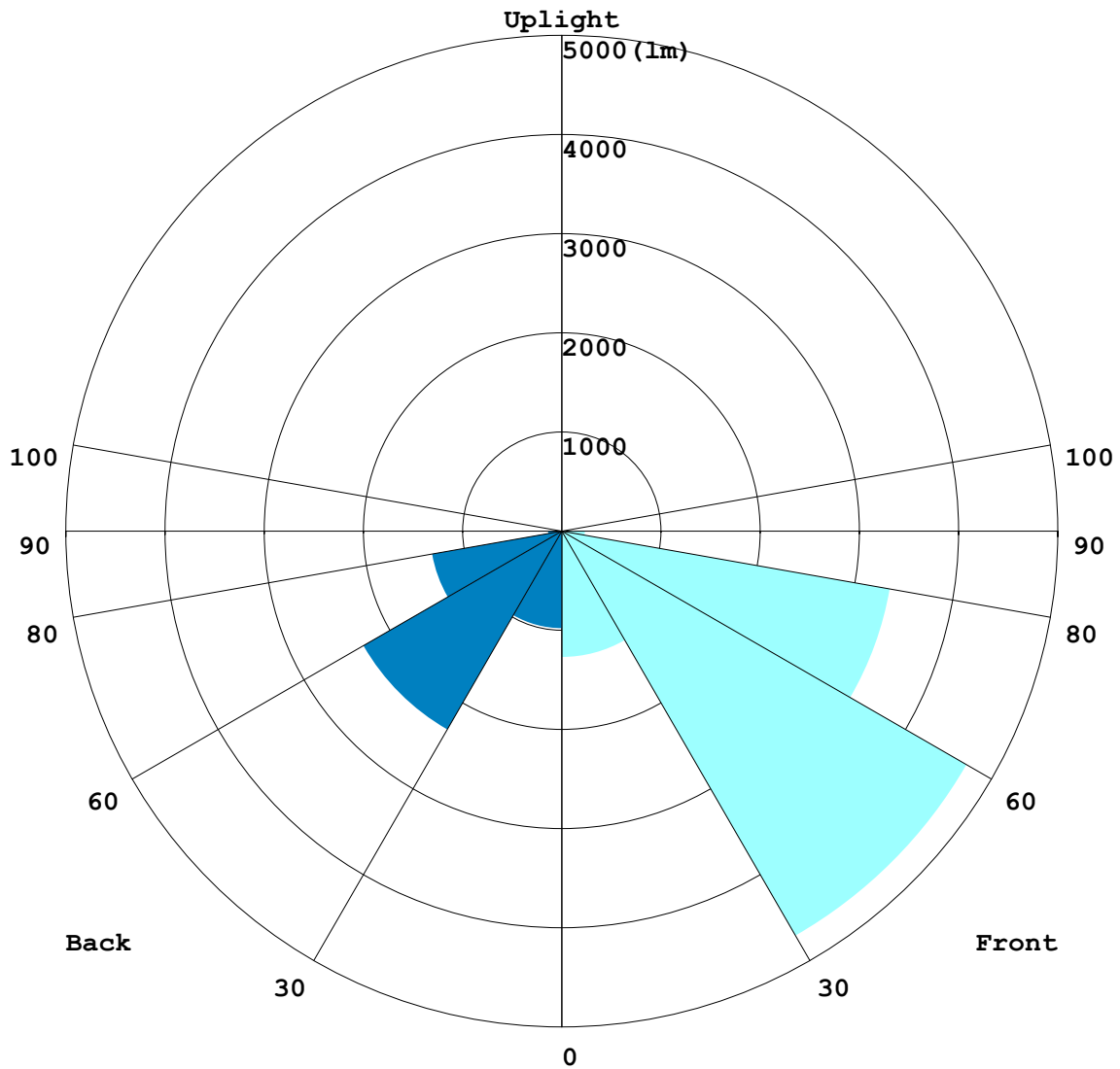
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14322.2x1 lm		
NAME: ST10-100-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:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14322.2x1 lm		
NAME: ST10-100-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)	1268.9	8.9
FM - Front-Medium(30-60)	4710.5	32.9
FH - Front-High(60-80)	3356.7	23.4
FVH - Front-Very High(80-90)	232.18	1.6
Total Forward Light	9568.3	66.8

BL - Back-Low(0-30)	979.08	6.8
BM - Back-Medium(30-60)	2309.4	16.1
BH - Back-High(60-80)	1327.7	9.3
BVH - Back-Very High(80-90)	137.67	1.0
Total Back Light	4753.9	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	4753.9	0	4753.9
Street Side	9568.3	0	9568.3

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

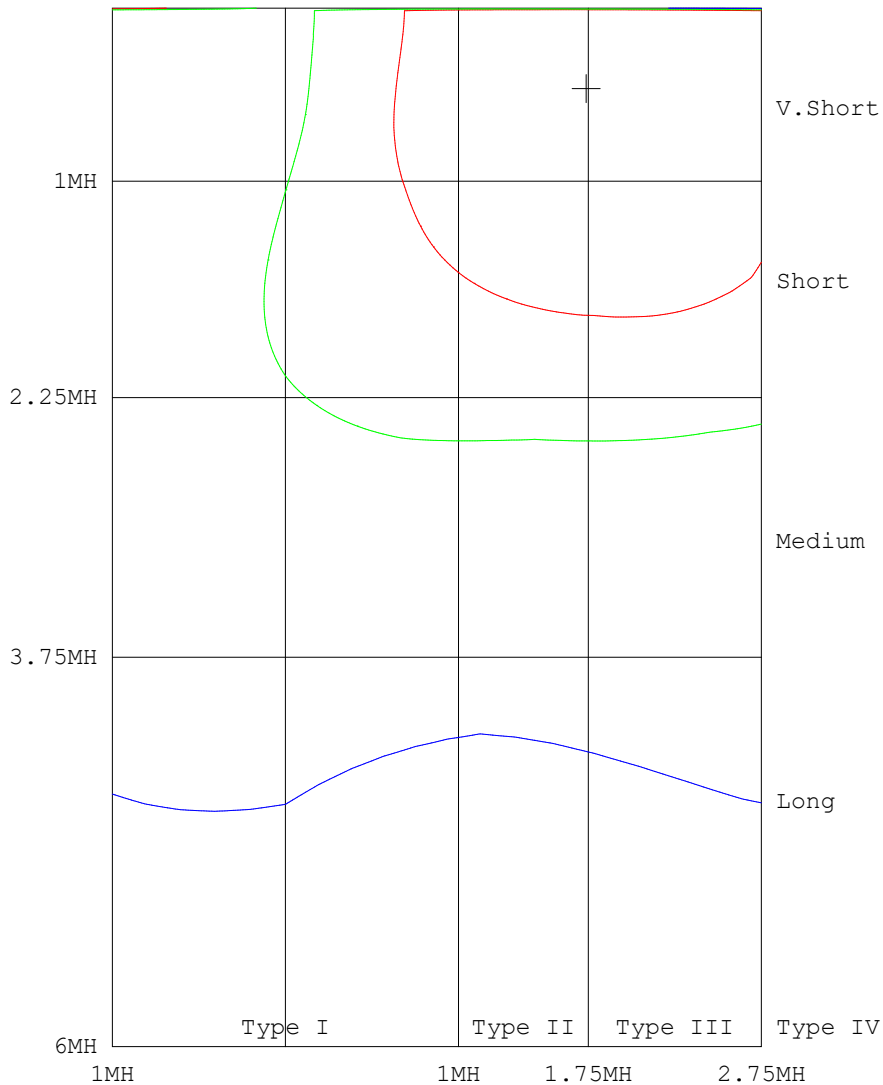
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.837A P:100.0W PF:0.995 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14322.2x1 lm		
NAME: ST10-100-UD-3070-A21604	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG Pavement 70% 394.3 Road 50% 285.1 γ Range: 114.1 - 90DEG 2.5% 142.65
 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--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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2600	2605	2611	2616	2621	2627	2632	2637	2642	2647	2652	2657	2662	2667	2672	2676	2681	2685	2690
10	2603	2614	2625	2636	2647	2658	2669	2680	2691	2702	2713	2723	2733	2744	2754	2763	2773	2782	2791
15	2608	2625	2643	2660	2678	2695	2713	2730	2748	2765	2782	2799	2815	2831	2847	2862	2876	2891	2904
20	2616	2640	2664	2689	2714	2739	2763	2788	2813	2838	2863	2887	2911	2934	2957	2979	3001	3022	3042
25	2629	2661	2693	2725	2758	2791	2824	2858	2891	2924	2957	2990	3022	3054	3085	3116	3145	3174	3201
30	2652	2691	2732	2772	2814	2855	2897	2940	2983	3026	3068	3111	3153	3195	3236	3277	3316	3355	3392
35	2691	2740	2788	2838	2888	2939	2991	3043	3096	3149	3202	3255	3308	3362	3415	3467	3518	3569	3617
40	2752	2809	2867	2926	2986	3047	3109	3171	3234	3298	3362	3427	3493	3561	3629	3698	3766	3833	3899
45	2827	2892	2959	3027	3095	3165	3236	3306	3378	3451	3525	3600	3678	3762	3847	3934	4020	4107	4194
50	2907	2979	3053	3127	3201	3277	3353	3428	3503	3580	3660	3741	3826	3921	4019	4119	4221	4323	4424
55	2981	3059	3137	3214	3292	3370	3447	3519	3592	3667	3745	3826	3911	4014	4121	4232	4346	4461	4577
60	2995	3073	3150	3226	3301	3376	3450	3517	3584	3654	3728	3807	3892	3998	4112	4231	4355	4483	4613
65	2841	2911	2978	3045	3111	3177	3242	3298	3356	3417	3482	3554	3634	3740	3854	3977	4107	4242	4383
70	2370	2420	2469	2518	2567	2617	2667	2711	2757	2807	2863	2926	2998	3095	3202	3317	3439	3567	3701
75	1601	1593	1591	1593	1603	1619	1644	1686	1736	1794	1859	1932	2010	2097	2189	2285	2384	2485	2587
80	800	742	692	652	623	608	607	649	705	771	847	928	1012	1083	1154	1225	1295	1363	1431
85	269	228	193	164	143	130	127	153	187	226	267	308	346	352	355	356	357	361	368
90	2.35	2.08	1.78	1.48	1.19	0.91	0.66	0.59	0.55	0.55	0.56	0.60	0.63	0.62	0.60	0.58	0.57	0.55	0.54

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)\nγ (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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2693	2697	2700	2704	2707	2709	2712	2715	2717	2719	2721	2723	2724	2725	2726	2726	2726	2726	2726
10	2799	2806	2813	2820	2826	2832	2837	2842	2847	2851	2854	2857	2860	2863	2865	2866	2867	2868	2867
15	2918	2930	2942	2953	2964	2974	2982	2990	2998	3004	3010	3015	3019	3023	3026	3028	3029	3030	3029
20	3061	3079	3096	3112	3127	3141	3153	3164	3175	3184	3192	3199	3205	3209	3213	3216	3217	3218	3217
25	3228	3253	3276	3298	3319	3338	3354	3368	3381	3392	3402	3411	3417	3423	3427	3429	3431	3431	3431
30	3427	3459	3490	3519	3546	3570	3590	3609	3624	3638	3650	3660	3668	3674	3679	3682	3684	3684	3684
35	3665	3710	3753	3794	3832	3866	3896	3922	3946	3966	3984	3998	4010	4019	4026	4030	4032	4032	4032
40	3963	4025	4085	4142	4196	4245	4290	4331	4367	4400	4428	4451	4467	4479	4487	4492	4493	4492	4493
45	4281	4365	4447	4525	4598	4666	4723	4773	4818	4856	4888	4914	4930	4940	4945	4946	4945	4941	4945
50	4527	4628	4725	4817	4903	4982	5046	5101	5149	5190	5223	5248	5260	5265	5266	5262	5257	5250	5257
55	4696	4813	4926	5034	5134	5227	5299	5362	5416	5461	5496	5522	5531	5532	5528	5520	5510	5500	5510
60	4752	4890	5025	5154	5274	5385	5467	5538	5597	5643	5678	5702	5700	5690	5673	5654	5634	5616	5634
65	4543	4704	4861	5010	5148	5271	5349	5410	5454	5483	5497	5496	5462	5420	5373	5327	5285	5252	5285
70	3860	4019	4171	4312	4437	4542	4579	4594	4587	4563	4524	4471	4388	4300	4214	4135	4069	4022	4069
75	2709	2827	2935	3031	3110	3167	3156	3122	3069	3000	2918	2827	2712	2597	2488	2392	2315	2263	2315
80	1513	1589	1657	1712	1752	1773	1729	1668	1591	1504	1409	1311	1214	1121	1037	965	910	876	910
85	406	448	490	530	566	595	594	584	568	545	517	485	443	400	360	324	295	275	295
90	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.51	0.49	0.48	0.47	0.46	0.44	0.43	0.41	0.40	0.39	0.39	0.39

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--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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2726	2726	2725	2724	2723	2721	2719	2717	2715	2712	2709	2707	2704	2700	2697	2693	2690	2685	2681
10	2866	2865	2863	2860	2857	2854	2851	2847	2842	2837	2832	2826	2820	2813	2806	2799	2791	2782	2773
15	3028	3026	3023	3019	3015	3010	3004	2998	2990	2982	2974	2964	2953	2942	2930	2918	2904	2891	2876
20	3216	3213	3209	3205	3199	3192	3184	3175	3164	3153	3141	3127	3112	3096	3079	3061	3042	3022	3001
25	3429	3427	3423	3417	3411	3402	3392	3381	3368	3354	3338	3319	3298	3276	3253	3228	3201	3174	3145
30	3682	3679	3674	3668	3660	3650	3638	3624	3609	3590	3570	3546	3519	3490	3459	3427	3392	3355	3316
35	4030	4026	4019	4010	3998	3984	3966	3946	3922	3896	3866	3832	3794	3753	3710	3665	3617	3569	3518
40	4492	4487	4479	4467	4451	4428	4400	4367	4331	4290	4245	4196	4142	4085	4025	3963	3899	3833	3766
45	4946	4945	4940	4930	4914	4888	4856	4818	4773	4723	4666	4598	4525	4447	4365	4281	4194	4107	4020
50	5262	5266	5265	5260	5248	5223	5190	5149	5101	5046	4982	4903	4817	4725	4628	4527	4424	4323	4221
55	5520	5528	5532	5531	5522	5496	5461	5416	5362	5299	5227	5134	5034	4926	4813	4696	4577	4461	4346
60	5654	5673	5690	5700	5702	5678	5643	5597	5538	5467	5385	5274	5154	5025	4890	4752	4613	4483	4355
65	5327	5373	5420	5462	5496	5497	5483	5454	5410	5349	5271	5148	5010	4861	4704	4543	4383	4242	4107
70	4135	4214	4300	4388	4471	4524	4563	4587	4594	4579	4542	4437	4312	4171	4019	3860	3701	3567	3439
75	2392	2488	2597	2712	2827	2918	3000	3069	3122	3156	3167	3110	3031	2935	2827	2709	2587	2485	2384
80	965	1037	1121	1214	1311	1409	1504	1591	1668	1729	1773	1752	1712	1657	1589	1513	1431	1363	1295
85	324	360	400	443	485	517	545	568	584	594	595	566	530	490	448	406	368	361	357
90	0.40	0.41	0.43	0.44	0.46	0.47	0.48	0.49	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.53	0.54	0.55	0.57

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:
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C (DEG) \ y (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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2676	2672	2667	2662	2657	2652	2647	2642	2637	2632	2627	2621	2616	2611	2605	2600	2595	2589	2584
10	2763	2754	2744	2733	2723	2713	2702	2691	2680	2669	2658	2647	2636	2625	2614	2603	2592	2581	2570
15	2862	2847	2831	2815	2799	2782	2765	2748	2730	2713	2695	2678	2660	2643	2625	2608	2591	2574	2558
20	2979	2957	2934	2911	2887	2863	2838	2813	2788	2763	2739	2714	2689	2664	2640	2616	2592	2569	2546
25	3116	3085	3054	3022	2990	2957	2924	2891	2858	2824	2791	2758	2725	2693	2661	2629	2598	2568	2538
30	3277	3236	3195	3153	3111	3068	3026	2983	2940	2897	2855	2814	2772	2732	2691	2652	2613	2575	2538
35	3467	3415	3362	3308	3255	3202	3149	3096	3043	2991	2939	2888	2838	2788	2740	2691	2644	2597	2552
40	3698	3629	3561	3493	3427	3362	3298	3234	3171	3109	3047	2986	2926	2867	2809	2752	2695	2638	2583
45	3934	3847	3762	3678	3600	3525	3451	3378	3306	3236	3165	3095	3027	2959	2892	2827	2759	2693	2627
50	4119	4019	3921	3826	3741	3660	3580	3503	3428	3353	3277	3201	3127	3053	2979	2907	2830	2754	2679
55	4232	4121	4014	3911	3826	3745	3667	3592	3519	3447	3370	3292	3214	3137	3059	2981	2896	2812	2727
60	4231	4112	3998	3892	3807	3728	3654	3584	3517	3450	3376	3301	3226	3150	3073	2995	2908	2820	2731
65	3977	3854	3740	3634	3554	3482	3417	3356	3298	3242	3177	3111	3045	2978	2911	2841	2763	2682	2599
70	3317	3202	3095	2998	2926	2863	2807	2757	2711	2667	2617	2567	2518	2469	2420	2370	2313	2254	2192
75	2285	2189	2097	2010	1932	1859	1794	1736	1686	1644	1619	1603	1593	1591	1593	1601	1583	1561	1537
80	1225	1154	1083	1012	928	847	771	705	649	607	608	623	652	692	742	800	837	867	891
85	356	355	352	346	308	267	226	187	153	127	130	143	164	193	228	269	322	367	405
90	0.58	0.60	0.62	0.63	0.60	0.56	0.55	0.55	0.59	0.66	0.91	1.19	1.48	1.78	2.08	2.35	2.52	2.66	2.77

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--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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2579	2574	2568	2563	2558	2554	2549	2544	2540	2536	2532	2528	2524	2521	2517	2513	2510	2506	2503
10	2560	2549	2539	2529	2519	2509	2500	2491	2482	2474	2466	2458	2451	2444	2437	2430	2424	2418	2412
15	2541	2525	2510	2494	2479	2465	2451	2437	2424	2412	2400	2389	2378	2368	2358	2349	2340	2332	2325
20	2524	2502	2480	2459	2439	2420	2401	2383	2366	2349	2334	2319	2305	2292	2280	2268	2258	2248	2239
25	2509	2481	2453	2426	2400	2375	2351	2329	2307	2287	2268	2250	2233	2218	2203	2189	2177	2165	2155
30	2502	2466	2432	2398	2366	2335	2305	2276	2249	2224	2201	2179	2159	2140	2123	2107	2093	2081	2070
35	2507	2464	2421	2380	2339	2300	2263	2228	2195	2164	2135	2109	2084	2062	2041	2023	2008	1994	1982
40	2529	2476	2424	2373	2323	2275	2229	2185	2144	2106	2071	2038	2008	1981	1957	1936	1918	1902	1889
45	2563	2500	2437	2375	2315	2256	2200	2146	2096	2050	2007	1967	1931	1898	1869	1844	1823	1805	1790
50	2604	2530	2457	2383	2310	2240	2172	2107	2046	1991	1939	1892	1849	1810	1775	1745	1720	1698	1680
55	2643	2558	2474	2388	2303	2220	2140	2063	1990	1925	1864	1808	1756	1710	1668	1633	1603	1578	1557
60	2641	2551	2460	2364	2270	2177	2086	1999	1915	1841	1771	1707	1648	1594	1546	1506	1472	1443	1419
65	2514	2428	2340	2245	2151	2057	1964	1875	1788	1711	1638	1569	1506	1449	1397	1355	1319	1288	1262
70	2129	2063	1995	1921	1846	1770	1696	1622	1550	1484	1421	1361	1305	1253	1205	1168	1135	1106	1080
75	1509	1479	1446	1408	1367	1326	1283	1240	1196	1155	1115	1076	1038	1001	965	937	910	882	854
80	909	919	923	909	890	866	839	811	783	767	752	738	722	706	688	666	641	614	584
85	432	449	454	413	363	308	252	200	155	163	180	203	230	258	284	288	287	282	274
90	2.85	2.91	2.95	3.01	3.05	3.09	3.11	3.12	3.12	3.11	3.09	3.06	3.02	2.96	2.88	2.76	2.63	2.48	2.34

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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2500	2497	2495	2493	2491	2490	2488	2487	2486	2485	2484	2483	2483	2482	2483	2483	2484	2485	2486
10	2407	2402	2398	2394	2391	2388	2385	2383	2380	2379	2377	2376	2376	2375	2376	2376	2377	2379	2380
15	2318	2312	2306	2301	2296	2292	2288	2285	2283	2281	2279	2278	2277	2277	2277	2278	2279	2281	2283
20	2231	2224	2218	2212	2208	2203	2200	2197	2194	2191	2189	2187	2186	2186	2186	2187	2189	2191	2194
25	2146	2138	2131	2126	2121	2117	2113	2111	2108	2106	2104	2103	2102	2102	2102	2103	2104	2106	2108
30	2060	2052	2046	2040	2036	2033	2030	2028	2026	2025	2023	2023	2022	2022	2022	2023	2023	2025	2026
35	1972	1964	1958	1953	1950	1947	1946	1945	1944	1944	1943	1943	1944	1944	1944	1943	1943	1944	1944
40	1879	1870	1865	1861	1860	1859	1859	1860	1860	1860	1861	1861	1862	1862	1862	1861	1861	1860	1860
45	1778	1769	1764	1761	1760	1761	1763	1765	1766	1767	1769	1770	1771	1772	1771	1770	1769	1767	1766
50	1666	1656	1650	1647	1647	1648	1651	1654	1657	1659	1661	1663	1665	1666	1665	1663	1661	1659	1657
55	1541	1528	1521	1518	1517	1518	1521	1525	1527	1530	1533	1536	1538	1540	1538	1536	1533	1530	1527
60	1400	1385	1376	1372	1370	1370	1373	1376	1379	1382	1385	1388	1390	1392	1390	1388	1385	1382	1379
65	1241	1224	1213	1206	1201	1198	1198	1198	1194	1191	1188	1186	1185	1184	1185	1186	1188	1191	1194
70	1056	1034	1009	984	960	937	915	894	868	844	823	805	792	783	792	805	823	844	868
75	825	793	744	693	642	591	543	499	467	441	420	405	396	393	396	405	420	441	467
80	552	517	469	420	371	323	277	237	213	195	182	174	170	170	170	174	182	195	213
85	261	245	221	195	168	141	115	91.6	80.4	72.4	67.2	64.5	64.0	65.3	64.0	64.5	67.2	72.4	80.4
90	2.20	2.06	1.96	1.87	1.79	1.72	1.66	1.61	1.57	1.54	1.52	1.50	1.50	1.50	1.50	1.50	1.52	1.54	1.57

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

γ (DEG) \ C (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	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599
5	2487	2488	2490	2491	2493	2495	2497	2500	2503	2506	2510	2513	2517	2521	2524	2528	2532	2536	2540	2540
10	2383	2385	2388	2391	2394	2398	2402	2407	2412	2418	2424	2430	2437	2444	2451	2458	2466	2474	2482	2482
15	2285	2288	2292	2296	2301	2306	2312	2318	2325	2332	2340	2349	2358	2368	2378	2389	2400	2412	2424	2424
20	2197	2200	2203	2208	2212	2218	2224	2231	2239	2248	2258	2268	2280	2292	2305	2319	2334	2349	2366	2366
25	2111	2113	2117	2121	2126	2131	2138	2146	2155	2165	2177	2189	2203	2218	2233	2250	2268	2287	2307	2307
30	2028	2030	2033	2036	2040	2046	2052	2060	2070	2081	2093	2107	2123	2140	2159	2179	2201	2224	2249	2249
35	1945	1946	1947	1950	1953	1958	1964	1972	1982	1994	2008	2023	2041	2062	2084	2109	2135	2164	2195	2195
40	1860	1859	1859	1860	1861	1865	1870	1879	1889	1902	1918	1936	1957	1981	2008	2038	2071	2106	2144	2144
45	1765	1763	1761	1760	1761	1764	1769	1778	1790	1805	1823	1844	1869	1898	1931	1967	2007	2050	2096	2096
50	1654	1651	1648	1647	1647	1650	1656	1666	1680	1698	1720	1745	1775	1810	1849	1892	1939	1991	2046	2046
55	1525	1521	1518	1517	1518	1521	1528	1541	1557	1578	1603	1633	1668	1710	1756	1808	1864	1925	1990	1990
60	1376	1373	1370	1370	1372	1376	1385	1400	1419	1443	1472	1506	1546	1594	1648	1707	1771	1841	1915	1915
65	1198	1198	1198	1201	1206	1213	1224	1241	1262	1288	1319	1355	1397	1449	1506	1569	1638	1711	1788	1788
70	894	915	937	960	984	1009	1034	1056	1080	1106	1135	1168	1205	1253	1305	1361	1421	1484	1550	1550
75	499	543	591	642	693	744	793	825	854	882	910	937	965	1001	1038	1076	1115	1155	1196	1196
80	237	277	323	371	420	469	517	552	584	614	641	666	688	706	722	738	752	767	783	783
85	91.6	115	141	168	195	221	245	261	274	282	287	288	284	258	230	203	180	163	155	155
90	1.61	1.66	1.72	1.79	1.87	1.96	2.06	2.20	2.34	2.48	2.63	2.76	2.88	2.96	3.02	3.06	3.09	3.11	3.12	3.12

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

C (DEG) \ γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599	2599								
5	2544	2549	2554	2558	2563	2568	2574	2579	2584	2589	2595								
10	2491	2500	2509	2519	2529	2539	2549	2560	2570	2581	2592								
15	2437	2451	2465	2479	2494	2510	2525	2541	2558	2574	2591								
20	2383	2401	2420	2439	2459	2480	2502	2524	2546	2569	2592								
25	2329	2351	2375	2400	2426	2453	2481	2509	2538	2568	2598								
30	2276	2305	2335	2366	2398	2432	2466	2502	2538	2575	2613								
35	2228	2263	2300	2339	2380	2421	2464	2507	2552	2597	2644								
40	2185	2229	2275	2323	2373	2424	2476	2529	2583	2638	2695								
45	2146	2200	2256	2315	2375	2437	2500	2563	2627	2693	2759								
50	2107	2172	2240	2310	2383	2457	2530	2604	2679	2754	2830								
55	2063	2140	2220	2303	2388	2474	2558	2643	2727	2812	2896								
60	1999	2086	2177	2270	2364	2460	2551	2641	2731	2820	2908								
65	1875	1964	2057	2151	2245	2340	2428	2514	2599	2682	2763								
70	1622	1696	1770	1846	1921	1995	2063	2129	2192	2254	2313								
75	1240	1283	1326	1367	1408	1446	1479	1509	1537	1561	1583								
80	811	839	866	890	909	923	919	909	891	867	837								
85	200	252	308	363	413	454	449	432	405	367	322								
90	3.12	3.11	3.09	3.05	3.01	2.95	2.91	2.85	2.77	2.66	2.52								

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: