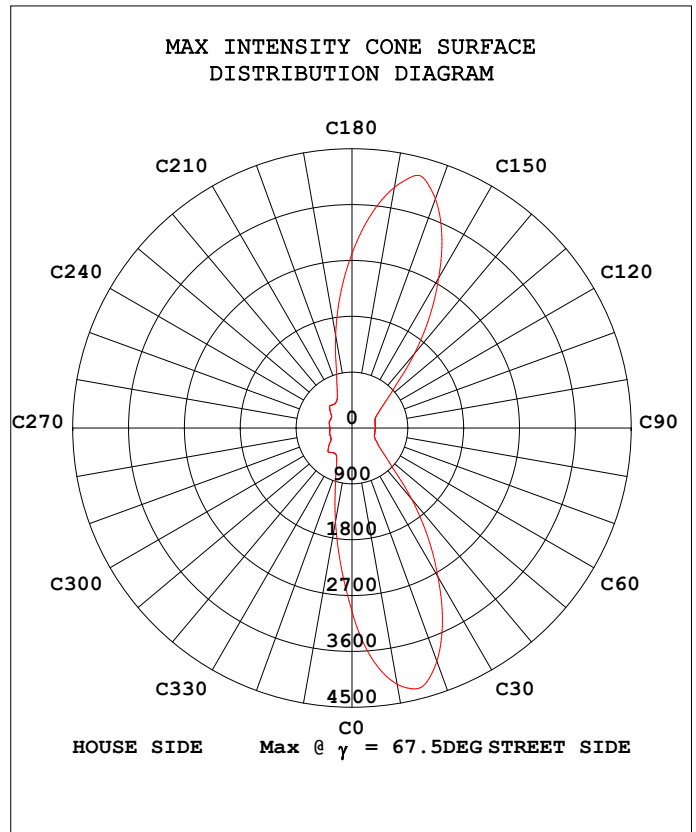
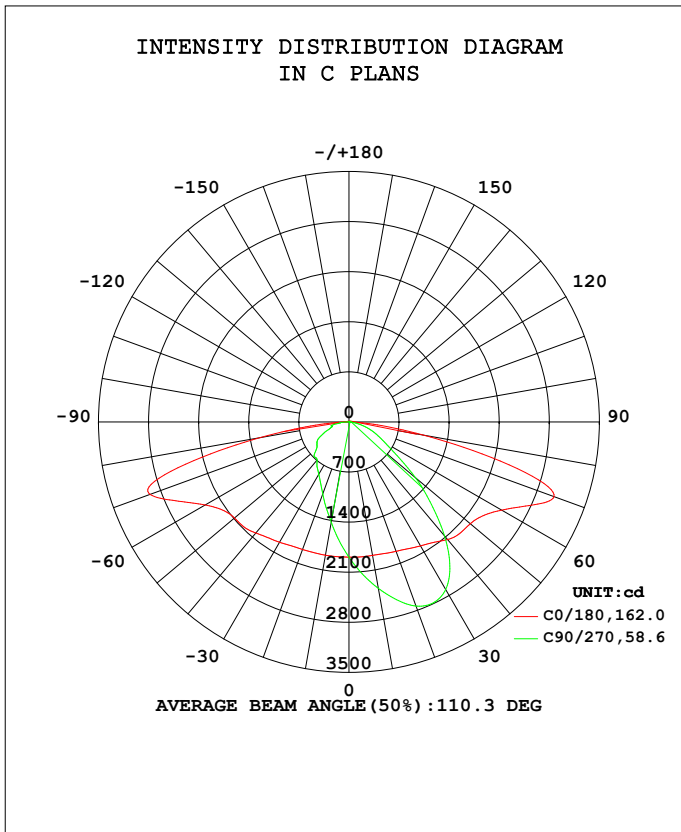


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8017.77x1 lm		
NAME: ST10-060-UD-3070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

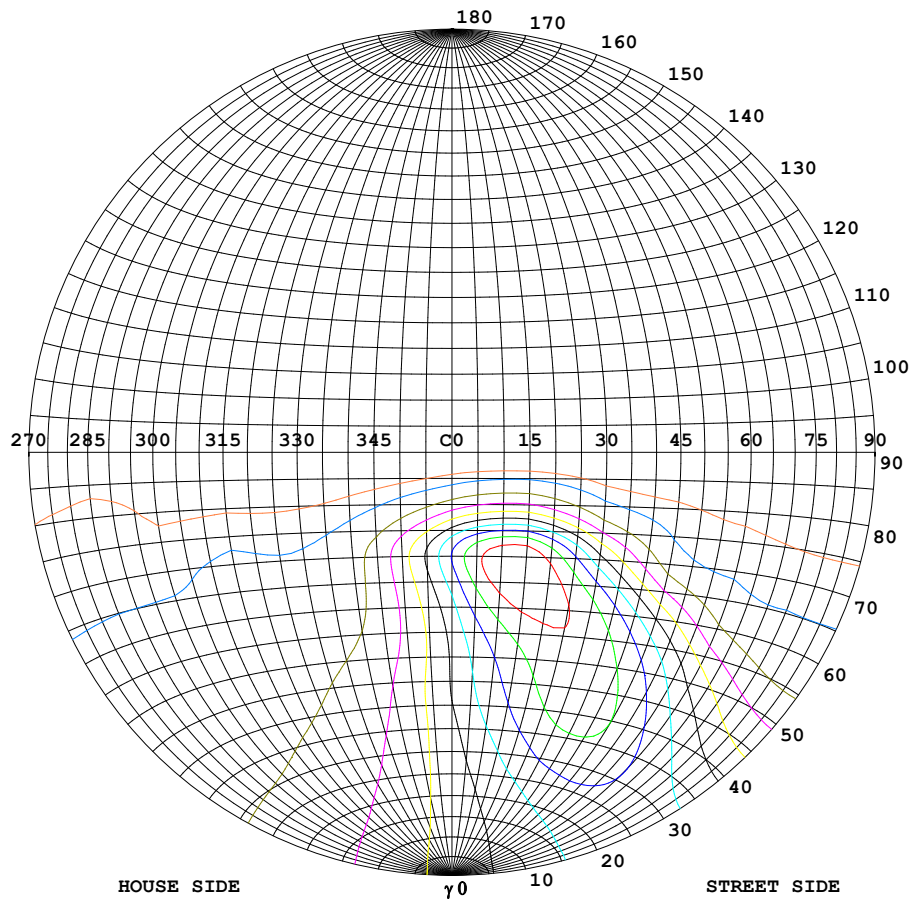
DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.63 lm/W			
MODEL	/	I _{max} (cd)	4323	η street_up (%)	0.0
NOMINAL POWER (W)	/	LOR (%)	100.0	η street_down (%)	71.3
RATED VOLTAGE (V)	/	TOTAL FLUX (lm)	8018	η house_up (%)	0.0
NOMINAL FLUX (lm)	8017.77	MAXIMUM @ (C, γ)	15,67.5	η house_down (%)	28.7
LAMPS INSIDE	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:

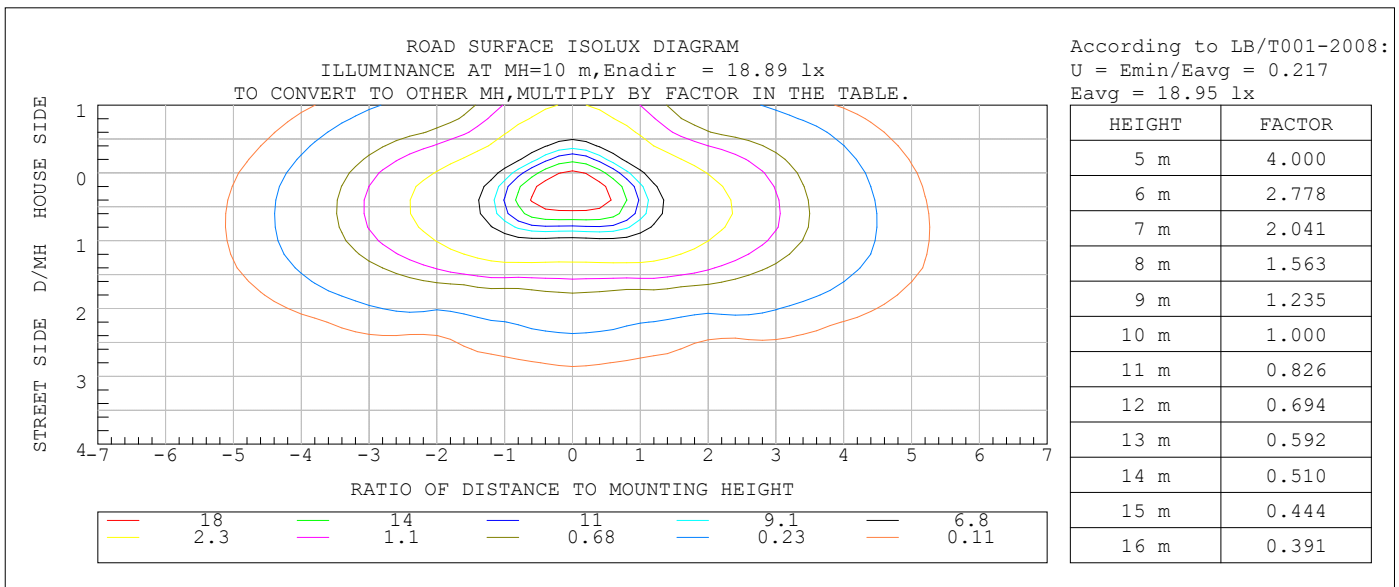
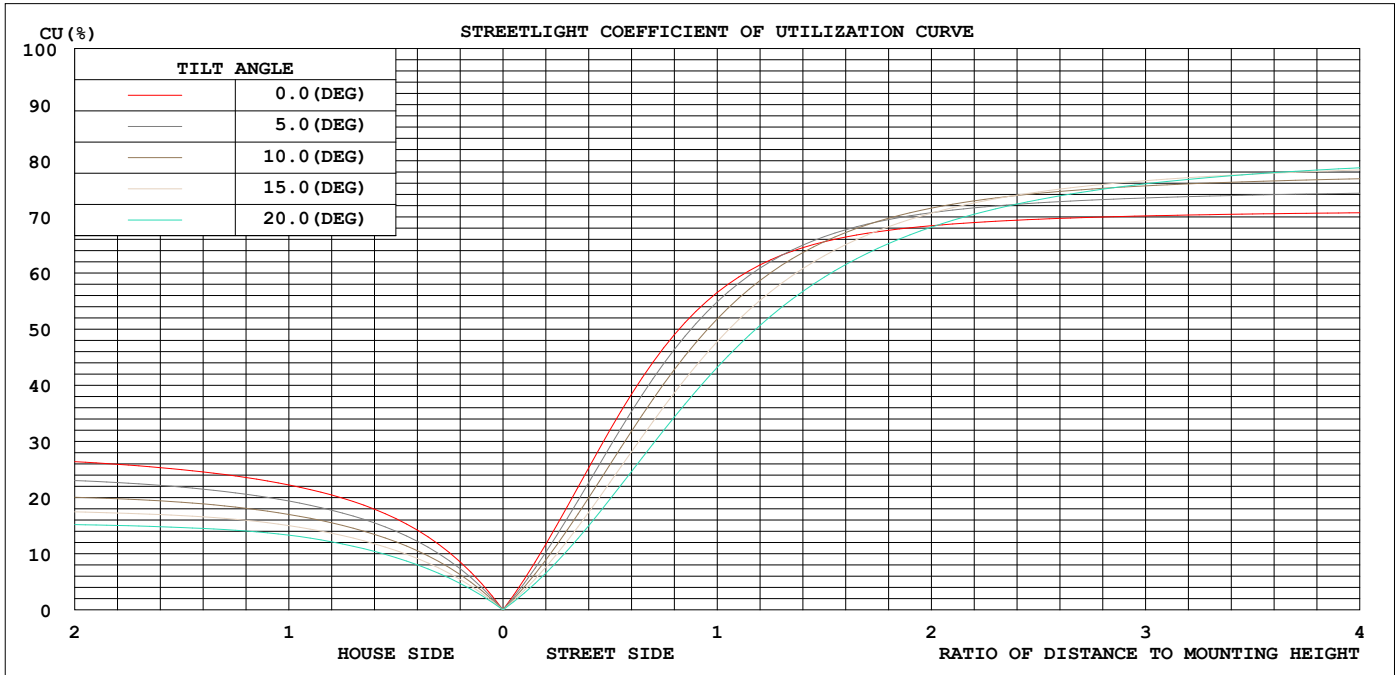
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:202.3cd/klm
 Max.At90:0.1635cd/klm
 Max.80-90:202.3cd/klm
 NRB 5101:Semi limited[16.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4323
90%	3891
80%	3458
70%	3026
60%	2594
50%	2162
40%	1729
30%	1297
20%	865
10%	432
5%	216

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

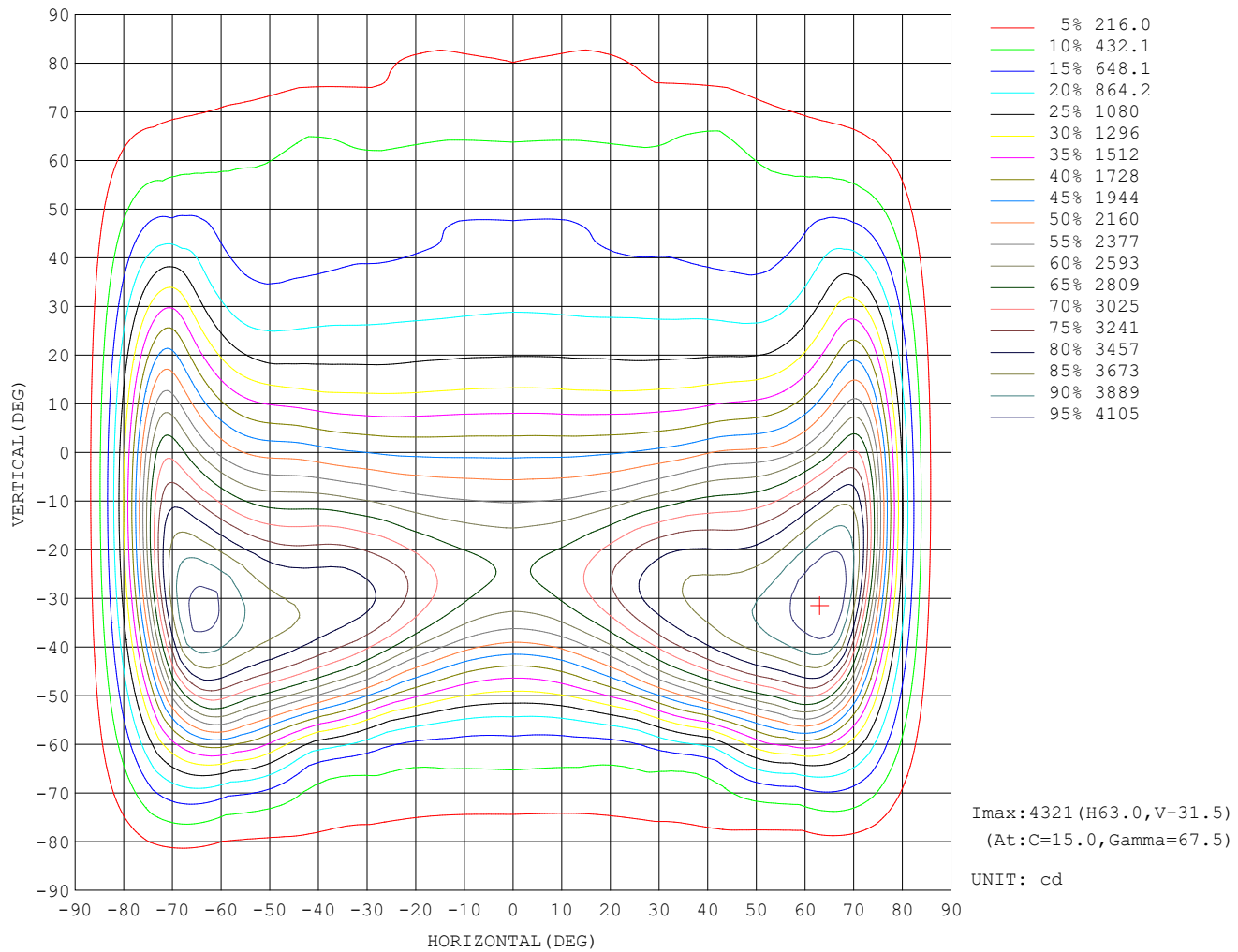
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1893	2243	2360	2241	1891	1549	1425	1552	0- 10	180.7	180.7	2.25,2.25
20	1924	2662	2738	2627	1897	1231	1071	1236	10- 20	540.9	721.6	9,9
30	2000	3194	2704	3109	1942	978.0	844.7	995.2	20- 30	901.1	1623	20.2,20.2
40	2145	3456	2077	3421	2026	778.5	693.4	801.4	30- 40	1226	2848	35.5,35.5
50	2214	3169	1216	3158	2089	628.8	596.3	646.2	40- 50	1405	4254	53.1,53.1
60	2465	2156	583.2	2163	2321	525.7	506.2	556.4	50- 60	1405	5659	70.6,70.6
70	3049	684.7	318.5	754.8	2959	472.3	294.4	498.4	60- 70	1301	6960	86.8,86.8
80	1051	257.9	104.9	287.2	1258	198.1	218.2	196.3	70- 80	870.4	7830	97.7,97.7
90	0.5757	0.1833	0.1566	0.2471	1.300	0.5956	0.2614	0.4818	80- 90	187.6	8018	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:

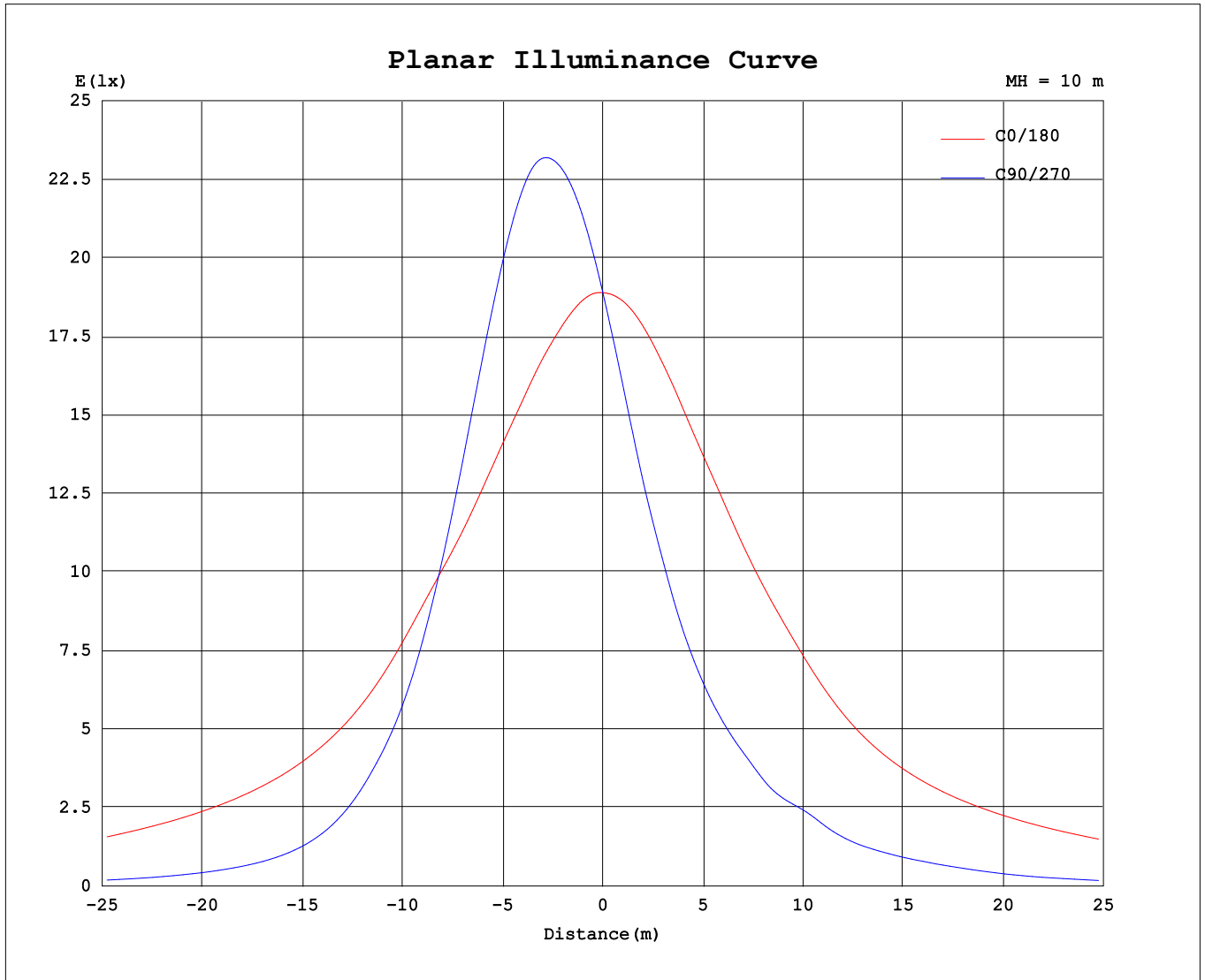
ISOCANDELA DIAGRAM



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

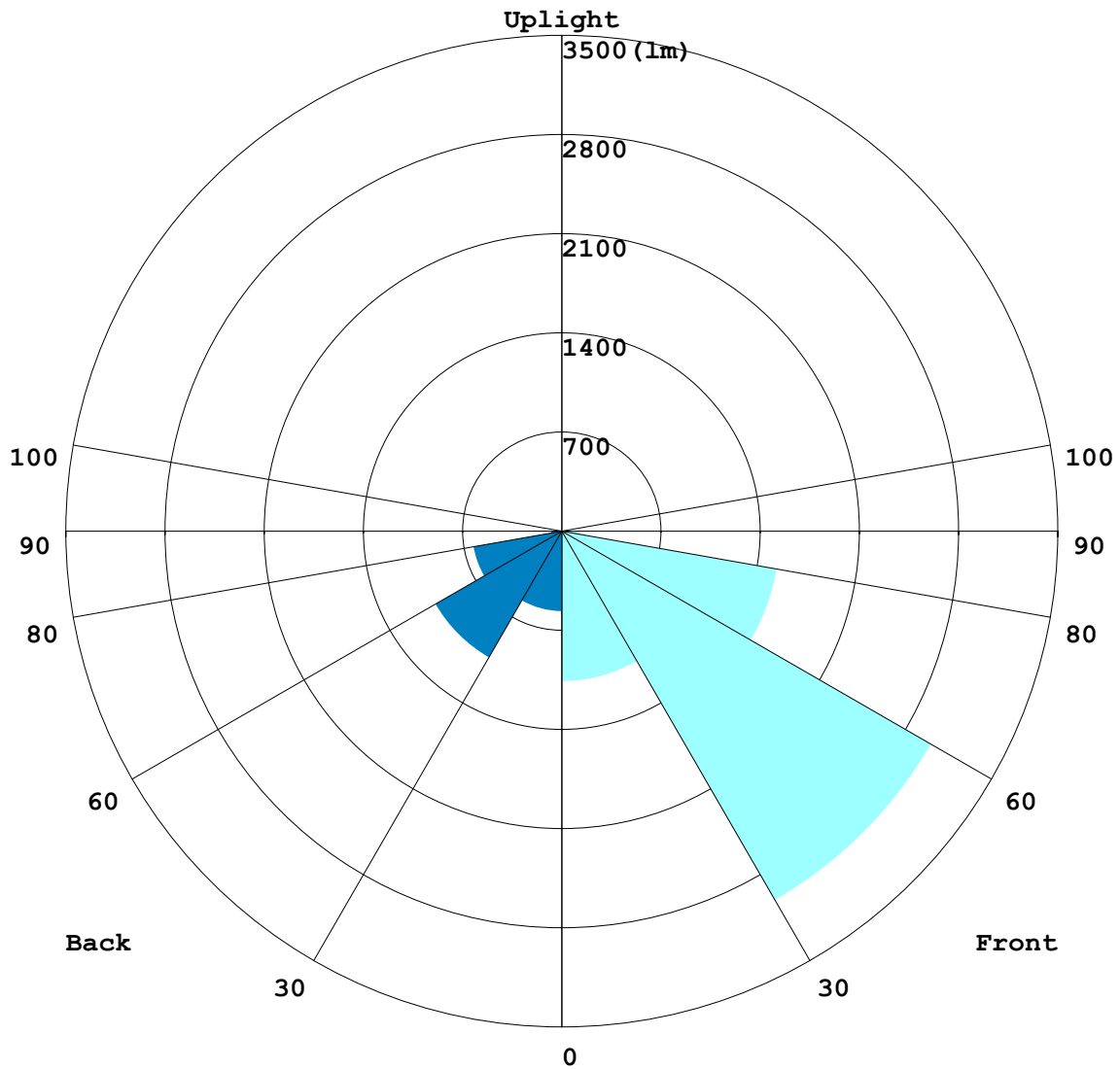
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 26.000m [K=0.0446]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8017.77x1 lm		
NAME: ST10-060-UD-3070-A08802	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:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8017.77x1 lm		
NAME: ST10-060-UD-3070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1058.5	13.2
FM - Front-Medium(30-60)	3007.2	37.5
FH - Front-High(60-80)	1539.1	19.2
FVH - Front-Very High(80-90)	111.6	1.4
Total Forward Light	5716.4	71.3

BL - Back-Low(0-30)	564.17	7.0
BM - Back-Medium(30-60)	1028.8	12.8
BH - Back-High(60-80)	632.36	7.9
BVH - Back-Very High(80-90)	76.002	0.9
Total Back Light	2301.4	28.7

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2301.4	0	2301.4
Street Side	5716.4	0	5716.4

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

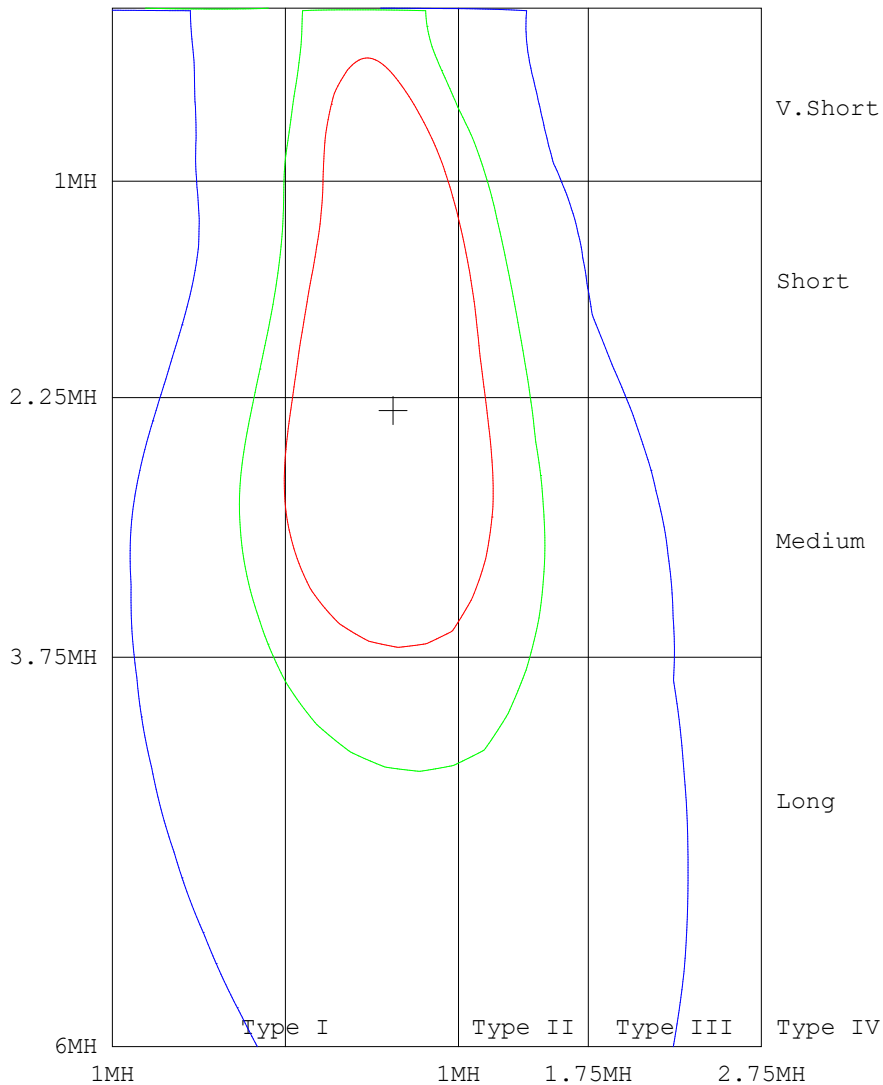
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:26.000m [K=0.0446]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.0V I:0.502A P:60.0W PF:0.996 Freq:50.00Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:8017.77x1 lm		
NAME: ST10-060-UD-3070-A08802	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG	— Pavement	Road	γ Range: 0.5 - 90DEG
C Interval: 2.5DEG	70% 30	26.1	50% 2161.5
Test Speed: HIGH	50% 2161.5	108.07	5% 218.15
Temperature: 25.3°C	γ Interval: 0.5DEG		
Operators: LYJ	Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446		
Test Date: 2022-05-04	Humidity: 65.0%		
	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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	1893	1904	1915	1926	1936	1947	1957	1967	1977	1987	1997	2006	2015	2024	2033	2042	2050	2058	2065
10	1893	1916	1938	1960	1982	2004	2025	2046	2067	2087	2107	2126	2145	2163	2180	2197	2213	2228	2243
15	1904	1940	1976	2011	2046	2080	2113	2146	2178	2209	2240	2269	2297	2323	2348	2372	2394	2415	2435
20	1924	1977	2029	2080	2130	2179	2226	2274	2320	2365	2408	2449	2488	2523	2556	2587	2615	2640	2662
25	1955	2030	2103	2174	2244	2311	2377	2444	2509	2571	2630	2685	2735	2780	2819	2853	2883	2907	2926
30	2000	2102	2201	2297	2391	2483	2572	2666	2755	2840	2919	2991	3054	3100	3137	3165	3183	3193	3194
35	2056	2191	2320	2445	2564	2679	2789	2902	3009	3108	3197	3275	3341	3383	3411	3425	3427	3415	3391
40	2145	2305	2459	2605	2743	2873	2996	3123	3240	3345	3437	3513	3573	3597	3603	3591	3562	3517	3456
45	2197	2384	2560	2726	2879	3022	3154	3287	3407	3511	3597	3664	3707	3704	3678	3631	3564	3478	3376
50	2214	2444	2656	2850	3026	3184	3323	3456	3569	3660	3726	3767	3781	3737	3667	3572	3456	3320	3169
55	2287	2578	2839	3070	3271	3443	3584	3700	3784	3838	3859	3847	3802	3691	3551	3385	3199	2997	2784
60	2465	2835	3157	3429	3651	3824	3947	4004	4015	3981	3907	3794	3645	3440	3209	2958	2694	2425	2156
65	2768	3198	3557	3843	4057	4198	4266	4211	4092	3918	3697	3440	3154	2853	2540	2224	1913	1614	1336
70	3049	3457	3780	4018	4171	4239	4222	4031	3770	3454	3099	2720	2333	2012	1702	1410	1139	896	685
75	2318	2601	2818	2968	3051	3068	3018	2815	2559	2267	1953	1631	1316	1111	928	766	626	508	412
80	1051	1175	1268	1331	1364	1366	1337	1234	1107	966	816	667	525	453	394	347	309	280	258
85	291	335	370	393	407	410	403	369	328	282	233	185	140	121	107	97.3	90.8	86.9	84.8
90	0.58	0.56	0.55	0.53	0.51	0.49	0.46	0.42	0.39	0.35	0.31	0.28	0.24	0.23	0.21	0.20	0.19	0.19	0.18

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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	2072	2079	2085	2091	2097	2102	2107	2111	2115	2118	2121	2124	2126	2127	2129	2129	2130	2130	2129
10	2256	2269	2281	2292	2303	2312	2321	2329	2336	2342	2347	2352	2355	2358	2359	2360	2361	2360	2360
15	2453	2469	2484	2498	2511	2522	2532	2542	2550	2556	2562	2567	2570	2572	2573	2573	2573	2572	2571
20	2680	2695	2708	2718	2727	2734	2740	2745	2749	2751	2753	2753	2751	2749	2746	2743	2740	2738	2739
25	2935	2939	2939	2935	2928	2918	2906	2894	2880	2865	2851	2837	2825	2814	2805	2797	2792	2789	2793
30	3180	3158	3130	3097	3060	3021	2982	2942	2903	2865	2828	2795	2769	2747	2729	2716	2707	2704	2709
35	3344	3287	3221	3150	3074	2997	2925	2854	2785	2720	2659	2604	2561	2524	2496	2475	2462	2458	2468
40	3369	3270	3162	3048	2931	2814	2709	2609	2513	2423	2341	2268	2210	2162	2124	2098	2082	2077	2089
45	3247	3107	2958	2805	2651	2500	2368	2243	2126	2019	1922	1836	1770	1717	1677	1649	1633	1630	1638
50	2995	2812	2624	2436	2250	2073	1930	1800	1681	1576	1483	1403	1341	1291	1255	1230	1218	1216	1221
55	2567	2348	2130	1919	1717	1530	1390	1267	1161	1070	995	934	888	855	833	821	818	822	820
60	1917	1689	1474	1275	1096	939	840	763	705	664	636	619	598	585	578	576	578	583	579
65	1147	985	848	735	644	572	521	485	462	449	445	446	439	435	434	435	437	440	438
70	573	493	441	411	397	395	371	353	339	329	323	319	316	314	314	314	316	318	318
75	354	315	291	279	275	276	261	247	236	226	218	211	207	204	202	202	202	203	203
80	234	214	198	185	175	166	155	146	137	129	123	118	113	110	107	105	105	105	105
85	80.1	76.2	72.9	70.0	67.3	64.5	59.6	54.6	49.6	44.9	40.5	36.6	34.3	32.7	31.6	31.1	31.0	31.4	31.8
90	0.18	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16

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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	2129	2128	2126	2124	2122	2119	2116	2112	2108	2103	2099	2093	2088	2082	2075	2069	2062	2054	2046
10	2359	2357	2355	2352	2348	2343	2338	2332	2325	2317	2309	2299	2289	2278	2267	2254	2241	2226	2211
15	2570	2569	2567	2564	2560	2555	2550	2543	2535	2526	2516	2505	2492	2478	2462	2445	2427	2407	2385
20	2741	2743	2745	2746	2747	2746	2743	2740	2735	2728	2720	2709	2697	2682	2666	2647	2627	2603	2577
25	2798	2806	2815	2825	2836	2847	2858	2868	2877	2884	2890	2893	2894	2891	2885	2874	2860	2837	2809
30	2720	2735	2754	2777	2802	2832	2864	2897	2930	2962	2993	3024	3051	3074	3092	3104	3109	3098	3080
35	2486	2511	2544	2583	2628	2682	2741	2802	2866	2930	2995	3063	3129	3189	3242	3287	3321	3328	3323
40	2112	2145	2188	2242	2304	2380	2464	2553	2647	2745	2845	2955	3064	3167	3263	3349	3421	3460	3483
45	1659	1691	1736	1793	1862	1950	2049	2157	2274	2398	2528	2679	2831	2980	3123	3255	3372	3452	3512
50	1236	1264	1303	1354	1418	1497	1589	1694	1810	1939	2079	2257	2442	2629	2814	2992	3158	3291	3406
55	826	841	865	901	948	1011	1088	1179	1285	1407	1546	1730	1927	2134	2344	2555	2762	2959	3143
60	579	583	592	607	629	650	682	728	789	869	969	1127	1305	1501	1711	1933	2163	2416	2667
65	437	438	441	446	455	456	462	478	504	544	599	681	782	903	1047	1214	1405	1672	1957
70	317	318	319	323	328	331	338	349	364	385	412	423	445	485	547	635	755	971	1219
75	204	206	209	213	218	225	233	244	256	271	288	287	293	308	337	383	449	565	704
80	107	109	112	117	122	128	135	144	154	165	178	187	198	213	232	257	287	321	363
85	32.6	33.9	35.8	38.3	41.5	46.6	52.2	58.3	64.7	71.3	77.9	81.7	85.7	90.3	95.8	102	111	118	128
90	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.21	0.22	0.23	0.25	0.26	0.28

C Range: 0 - 360DEG
 C Interval: 2.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operator: 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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	2038	2030	2021	2012	2003	1993	1983	1973	1963	1953	1942	1932	1921	1911	1900	1890	1879	1869	1858
10	2195	2179	2161	2143	2124	2105	2085	2064	2043	2022	2000	1979	1957	1935	1913	1891	1869	1848	1826
15	2362	2338	2312	2285	2257	2227	2196	2164	2132	2098	2064	2030	1995	1960	1926	1891	1856	1822	1788
20	2549	2519	2486	2451	2413	2373	2331	2287	2241	2194	2146	2097	2047	1997	1947	1897	1848	1799	1751
25	2777	2741	2700	2656	2607	2555	2500	2442	2381	2318	2252	2184	2116	2047	1978	1910	1843	1777	1713
30	3053	3019	2977	2927	2867	2801	2729	2652	2570	2484	2396	2306	2214	2123	2032	1942	1854	1769	1686
35	3306	3278	3237	3186	3119	3043	2958	2864	2765	2659	2548	2435	2319	2203	2088	1974	1865	1759	1658
40	3489	3480	3455	3413	3349	3270	3178	3075	2962	2841	2712	2578	2441	2302	2164	2026	1892	1761	1635
45	3553	3575	3576	3556	3502	3429	3338	3232	3113	2982	2843	2696	2545	2389	2233	2076	1918	1764	1615
50	3500	3573	3621	3644	3618	3567	3492	3395	3279	3145	2989	2821	2644	2461	2275	2089	1908	1731	1561
55	3311	3458	3581	3674	3706	3706	3675	3613	3522	3403	3231	3038	2828	2606	2379	2151	1937	1729	1530
60	2912	3143	3354	3540	3673	3771	3833	3855	3836	3771	3597	3385	3142	2879	2602	2321	2065	1815	1576
65	2253	2551	2844	3124	3389	3626	3826	3981	4084	4124	3983	3784	3537	3254	2946	2623	2320	2019	1725
70	1491	1783	2089	2404	2772	3130	3462	3754	3993	4163	4108	3981	3792	3552	3271	2959	2623	2276	1927
75	866	1050	1256	1482	1812	2148	2474	2775	3036	3242	3245	3186	3071	2909	2708	2474	2199	1908	1611
80	416	480	558	651	821	999	1177	1344	1492	1613	1622	1599	1546	1470	1372	1258	1124	982	837
85	141	159	182	210	271	335	399	460	514	557	556	543	519	488	450	407	363	318	272
90	0.31	0.34	0.38	0.42	0.49	0.56	0.64	0.72	0.80	0.88	0.97	1.05	1.12	1.19	1.25	1.30	1.31	1.31	1.30

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--5

UNIT: cd

Table with 20 columns (C (DEG) from 190 to 235) and 20 rows (gamma (DEG) from 0 to 90). Values represent luminous intensity in cd.

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:

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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	1688	1683	1678	1673	1669	1665	1662	1659	1657	1655	1654	1653	1652	1652	1653	1653	1655	1656	1658
10	1490	1480	1471	1462	1455	1448	1442	1437	1433	1430	1427	1426	1425	1425	1426	1427	1429	1432	1435
15	1308	1297	1286	1277	1269	1261	1255	1250	1245	1242	1239	1237	1236	1236	1237	1239	1241	1245	1249
20	1153	1141	1129	1118	1108	1100	1092	1085	1080	1076	1073	1071	1071	1071	1072	1073	1076	1080	1085
25	1012	999	988	978	969	962	955	950	946	943	941	940	940	940	941	942	944	947	951
30	895	883	874	867	860	855	851	848	846	844	844	844	844	845	845	845	846	848	850
35	800	791	785	780	776	774	772	772	772	772	772	773	774	775	775	775	775	775	776
40	725	719	713	708	703	700	697	695	693	692	692	692	693	693	693	694	694	695	697
45	646	643	643	644	647	651	656	662	667	671	676	680	683	685	685	683	681	678	675
50	606	607	607	608	610	611	612	613	610	607	604	601	598	596	598	601	604	608	611
55	574	577	571	565	558	551	545	539	539	539	541	543	545	547	545	544	543	543	543
60	502	500	500	502	504	506	508	510	509	509	508	507	506	506	509	512	515	518	521
65	449	438	435	433	431	431	431	430	425	420	415	411	407	404	406	409	413	418	423
70	358	337	329	324	321	320	320	320	315	309	305	300	297	294	296	298	302	306	311
75	265	251	245	240	238	236	236	237	237	237	238	239	240	241	240	239	238	238	238
80	177	179	197	217	237	257	274	289	281	269	256	242	229	218	229	242	256	269	281
85	116	124	135	145	155	164	171	176	169	160	150	140	131	123	130	138	147	156	164
90	0.47	0.45	0.44	0.42	0.41	0.39	0.38	0.36	0.34	0.32	0.30	0.29	0.27	0.26	0.26	0.27	0.28	0.29	0.30

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

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

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	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889
5	1661	1664	1667	1671	1675	1680	1685	1691	1696	1702	1709	1716	1723	1731	1739	1747	1755	1764	1773	1773
10	1440	1445	1451	1458	1466	1474	1483	1493	1503	1514	1526	1538	1552	1566	1581	1597	1614	1631	1648	1648
15	1254	1259	1266	1273	1281	1290	1300	1311	1323	1336	1351	1367	1384	1403	1424	1446	1469	1493	1519	1519
20	1090	1097	1105	1114	1124	1135	1147	1158	1171	1185	1201	1218	1236	1258	1281	1306	1334	1363	1395	1395
25	955	961	967	974	983	993	1004	1018	1033	1050	1069	1089	1111	1132	1156	1182	1210	1241	1275	1275
30	853	857	861	867	874	882	892	905	919	935	953	973	995	1017	1040	1067	1096	1129	1167	1167
35	777	778	780	783	788	794	801	811	823	837	854	872	893	914	938	965	995	1030	1070	1070
40	699	702	705	710	716	722	730	737	746	756	769	784	801	821	844	870	901	937	977	977
45	671	666	661	657	654	652	653	658	665	675	688	703	721	738	758	782	811	845	885	885
50	615	617	619	621	623	625	627	627	627	629	632	638	646	657	672	692	716	747	784	784
55	545	552	561	569	578	586	593	592	590	587	586	585	587	589	595	605	621	644	675	675
60	523	522	521	520	519	518	519	524	529	535	542	549	556	551	547	547	552	565	588	588
65	428	431	434	437	442	447	455	470	487	505	521	537	550	538	526	517	513	518	535	535
70	317	319	321	325	331	339	349	374	400	427	454	478	498	486	472	460	455	458	475	475
75	238	239	240	243	247	253	260	276	294	311	329	345	359	352	343	337	336	341	355	355
80	289	276	260	242	223	204	187	184	184	185	188	192	196	192	189	187	188	193	201	201
85	170	165	158	149	139	128	117	110	104	97.8	92.5	87.7	83.5	79.2	75.7	73.0	71.3	70.6	71.2	71.2
90	0.31	0.32	0.32	0.33	0.33	0.34	0.35	0.36	0.38	0.39	0.42	0.45	0.48	0.54	0.60	0.66	0.73	0.79	0.86	0.86

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

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--8

UNIT: cd

C (DEG) \ γ (DEG)	332.5	335	337.5	340	342.5	345	347.5	350	352.5	355	357.5								
0	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889	1889								
5	1782	1791	1801	1811	1820	1831	1841	1851	1861	1872	1882								
10	1666	1685	1704	1724	1744	1764	1785	1806	1827	1849	1871								
15	1546	1575	1604	1635	1666	1698	1731	1764	1798	1833	1868								
20	1429	1466	1505	1546	1589	1633	1678	1725	1773	1822	1873								
25	1315	1358	1405	1455	1508	1564	1622	1684	1748	1814	1883								
30	1210	1258	1311	1368	1431	1498	1570	1647	1728	1815	1905								
35	1114	1164	1219	1282	1351	1427	1513	1607	1709	1818	1933								
40	1021	1071	1129	1195	1271	1358	1462	1576	1702	1839	1987								
45	927	977	1036	1106	1188	1283	1401	1532	1678	1837	2010								
50	821	867	924	994	1078	1178	1307	1454	1618	1799	1998								
55	707	750	807	879	970	1080	1227	1395	1586	1798	2032								
60	617	660	720	800	903	1030	1202	1401	1627	1880	2159								
65	562	608	675	766	885	1036	1240	1479	1751	2057	2396								
70	504	554	629	732	868	1041	1277	1553	1869	2224	2618								
75	375	411	465	541	642	772	952	1164	1407	1680	1984								
80	213	230	256	291	336	393	471	562	665	781	910								
85	70.9	72.4	76.2	82.7	92.5	106	127	151	180	213	250								
90	0.93	0.99	1.05	1.09	1.12	1.13	1.09	1.03	0.95	0.85	0.72								

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: