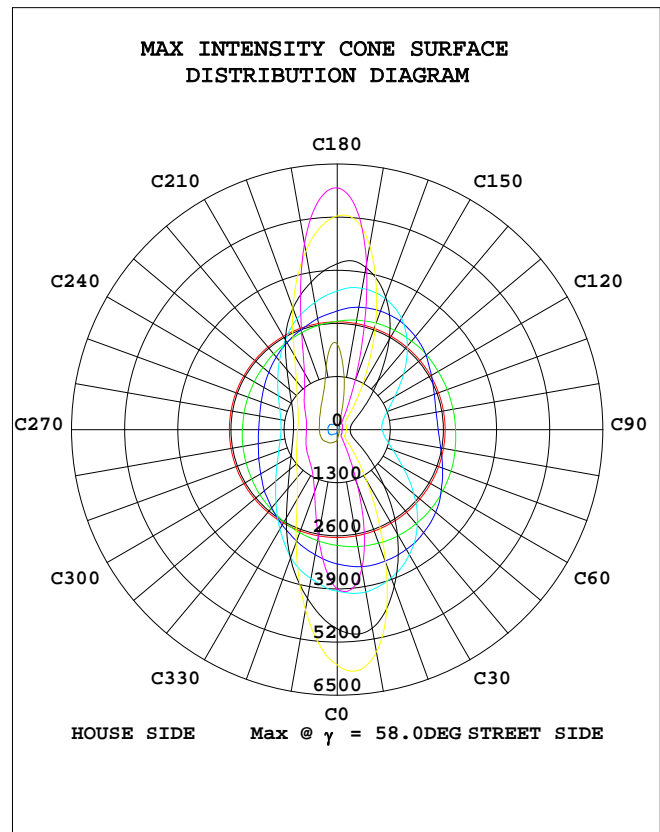
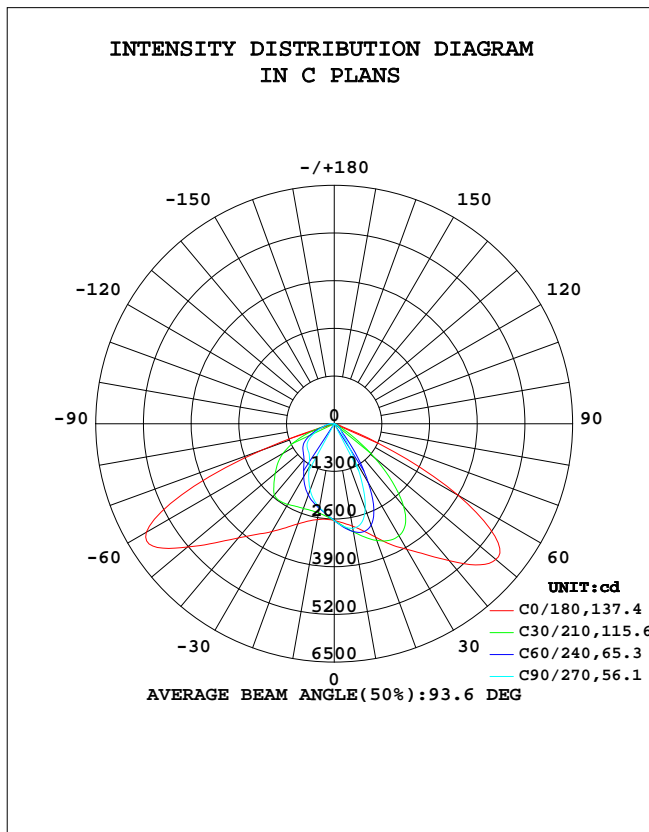


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.95 lm/W			
MODEL	NW-G04-60	I _{max} (cd)	6031	η street_up(%)	0.0
NOMINAL POWER(W)	60	LOR(%)	100.0	η street_down(%)	44.8
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7567	η house_up(%)	0.0
NOMINAL FLUX(lm)	7566.74	MAXIMUM @(C,γ)	180,58.0	η house_down(%)	55.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	

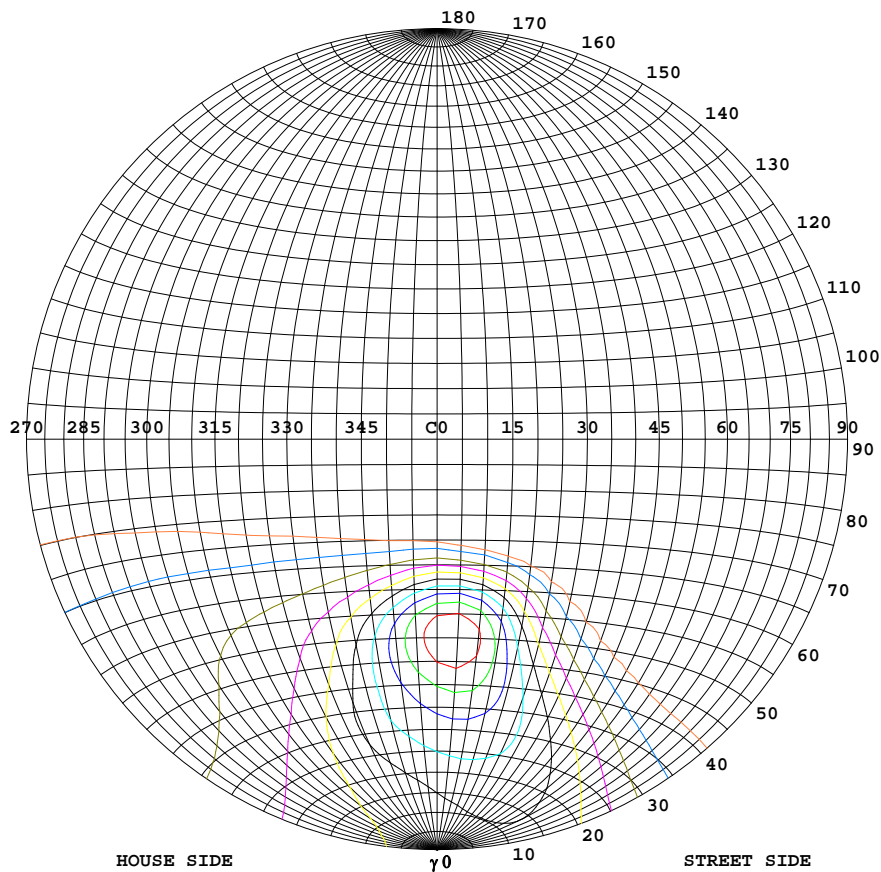


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance:26.000m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



Classification:

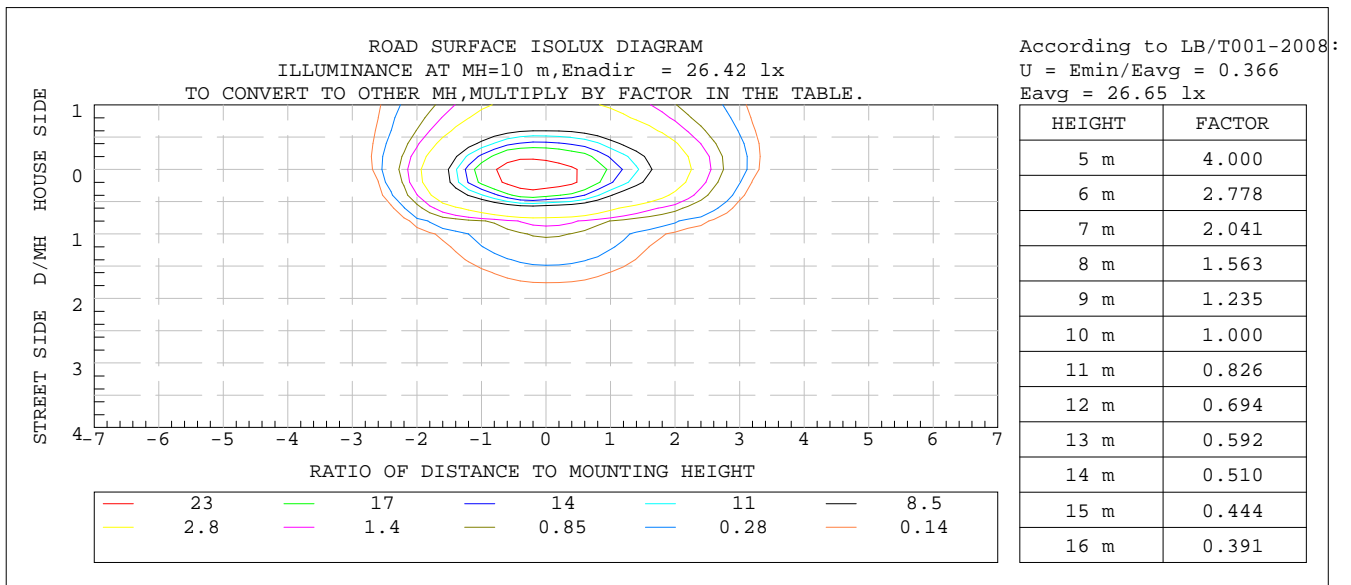
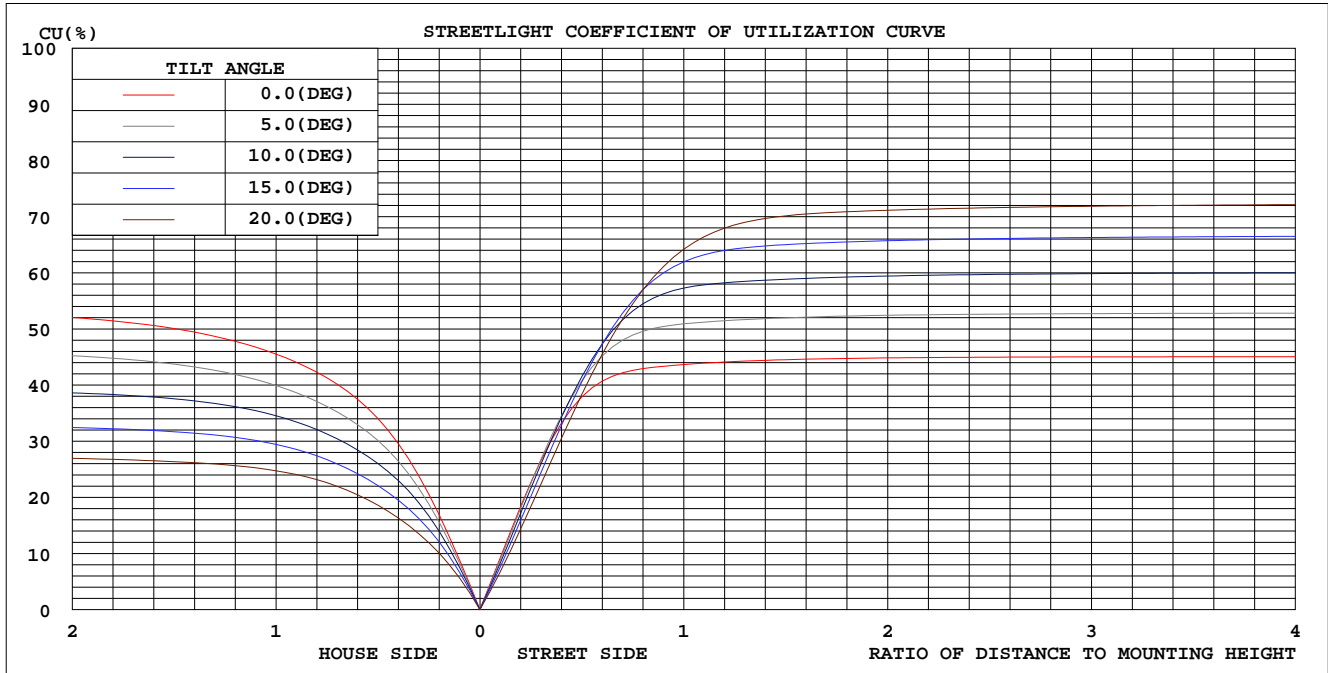
IES:Type I - Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:30.98cd/klm
 Max.At90:0.3538cd/klm
 Max.80-90:30.98cd/klm
 NRB 5101:Limited[3.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6031
90%	5428
80%	4825
70%	4222
60%	3619
50%	3016
40%	2413
30%	1809
20%	1206
10%	603
5%	302

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance:26.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date: 19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance: 26.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

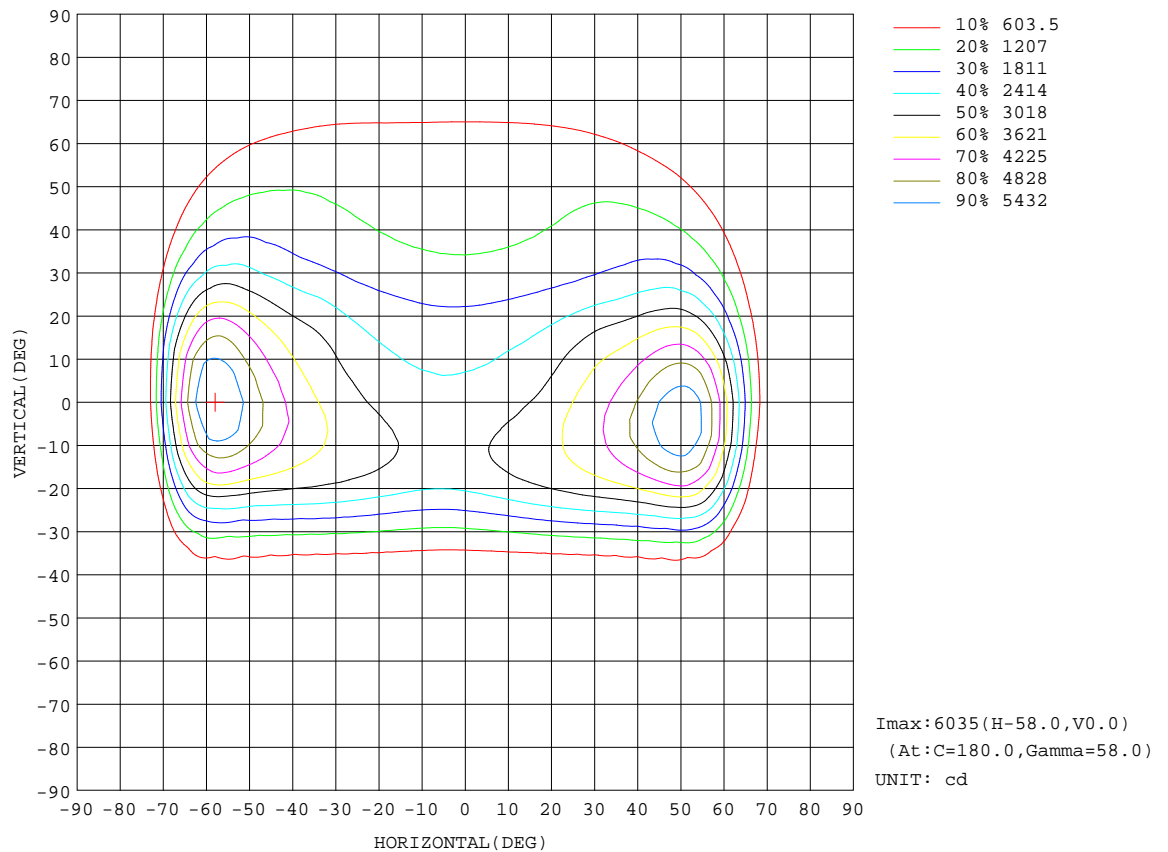
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	2831	3009	2895	2848	2654	2399	2324	2500	0- 10	254.4	254.4	3.36,3.36
20	3285	3227	2470	2915	2906	2256	1924	2404	10- 20	763.2	1018	13.4,13.4
30	3949	2760	1098	2397	3395	2047	1376	2134	20- 30	1180	2197	29,29
40	4871	1308	320.1	1157	4062	1695	1071	1678	30- 40	1380	3577	47.3,47.3
50	5752	263.0	228.4	292.3	5231	1398	970.2	1398	40- 50	1481	5058	66.8,66.8
60	3897	150.9	117.5	179.9	5916	1144	757.1	985.9	50- 60	1425	6483	85.7,85.7
70	245.7	69.83	47.37	87.89	2096	588.2	438.7	409.4	60- 70	817.0	7300	96.5,96.5
80	61.45	0.3778	0.3291	0.7437	105.2	186.7	226.8	176.4	70- 80	197.6	7498	99.1,99.1
90	0	0.0343	0.0299	0.0512	0	0	0	0	80- 90	69.06	7567	100,100
100	0	0	0	0	0	0	0	0	90-100	0.0031	7567	100,100
110	0	0	0	0	0	0	0	0	100-110	0	7567	100,100
120	0	0	0	0	0	0	0	0	110-120	0	7567	100,100
130	0	0	0	0	0	0	0	0	120-130	0	7567	100,100
140	0	0	0	0	0	0	0	0	130-140	0	7567	100,100
150	0	0	0	0	0	0	0	0	140-150	0	7567	100,100
160	0	0	0	0	0	0	0	0	150-160	0	7567	100,100
170	0	0	0	0	0	0	0	0	160-170	0	7567	100,100
180	0	0	0	0	0	0	0	0	170-180	0	7567	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

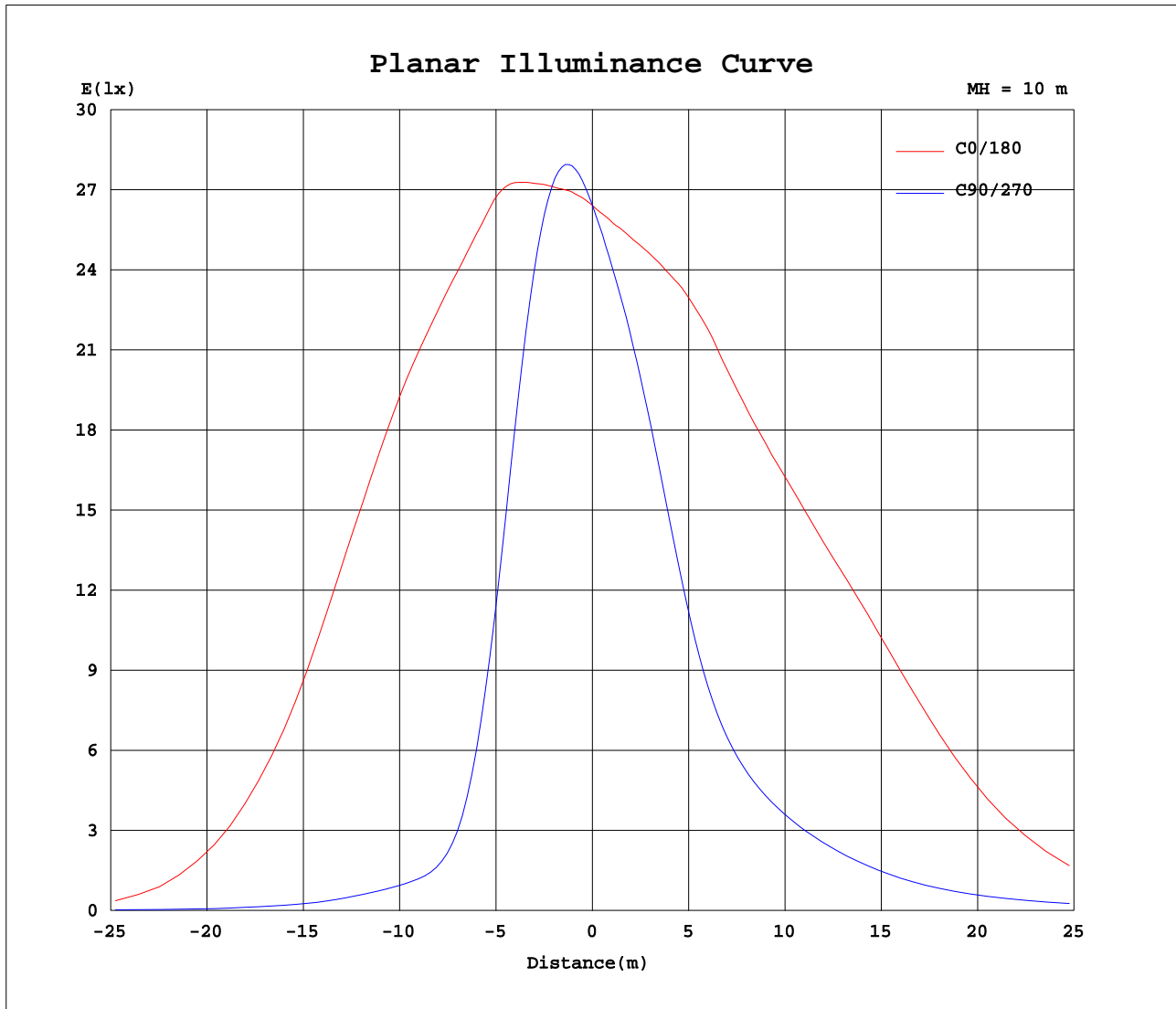
Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance:26.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve

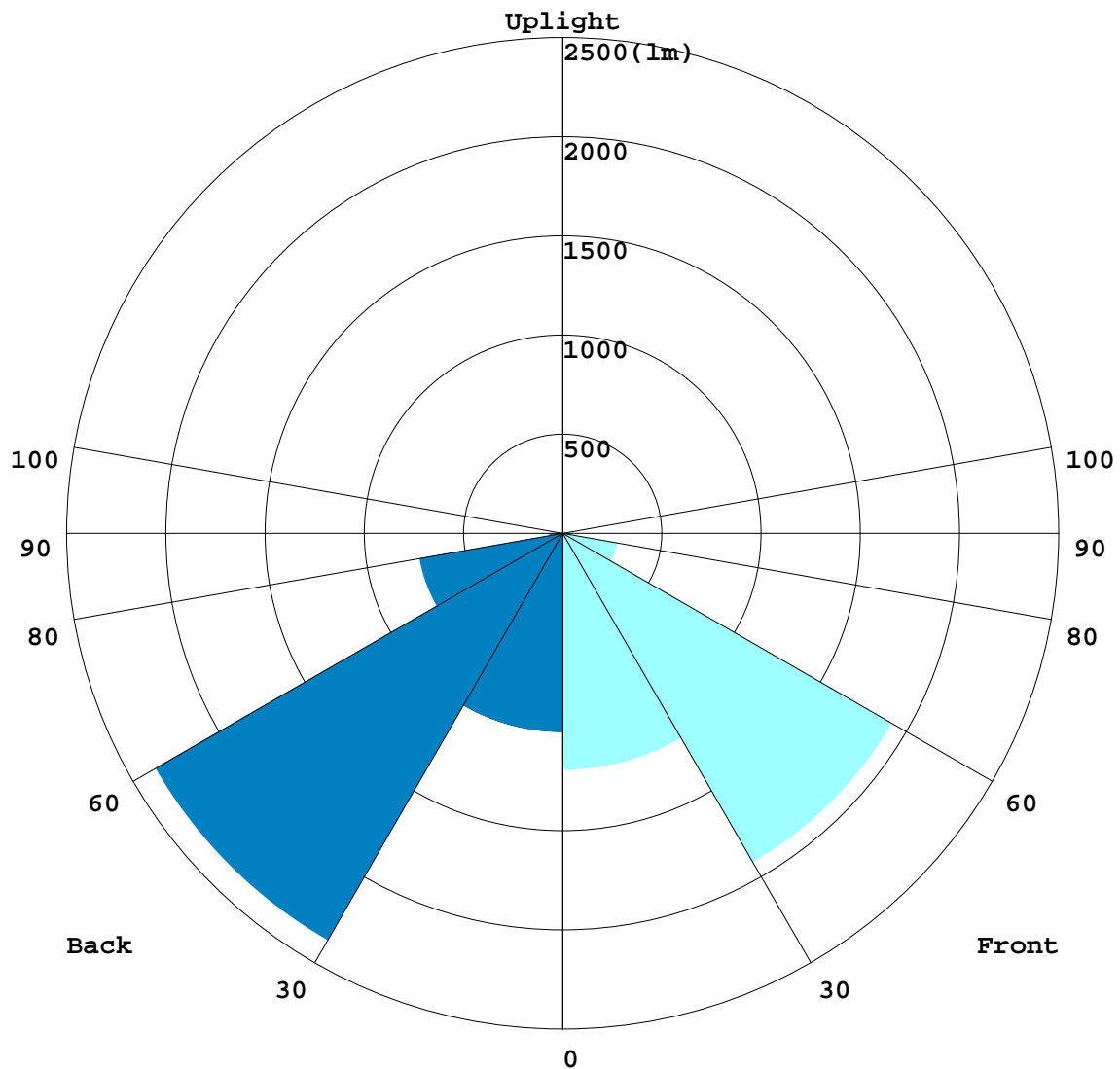


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date: 19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance:26.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1193.8	15.8
FM - Front-Medium(30-60)	1916.1	25.3
FH - Front-High(60-80)	281.07	3.7
FVH - Front-Very High(80-90)	2.5636	0.0
Total Forward Light	3393.5	44.8

BL - Back-Low(0-30)	1003.4	13.3
BM - Back-Medium(30-60)	2369.8	31.3
BH - Back-High(60-80)	733.49	9.7
BVH - Back-Very High(80-90)	66.497	0.9
Total Back Light	4173.2	55.2

UL - Uplight-Low(90-100)	0.0030737	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0.0030737	0.0

BUG(Back,Up,Glare) Rating	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4173.2	0.0020342	4173.2
Street Side	3393.5	0.0010395	3393.5

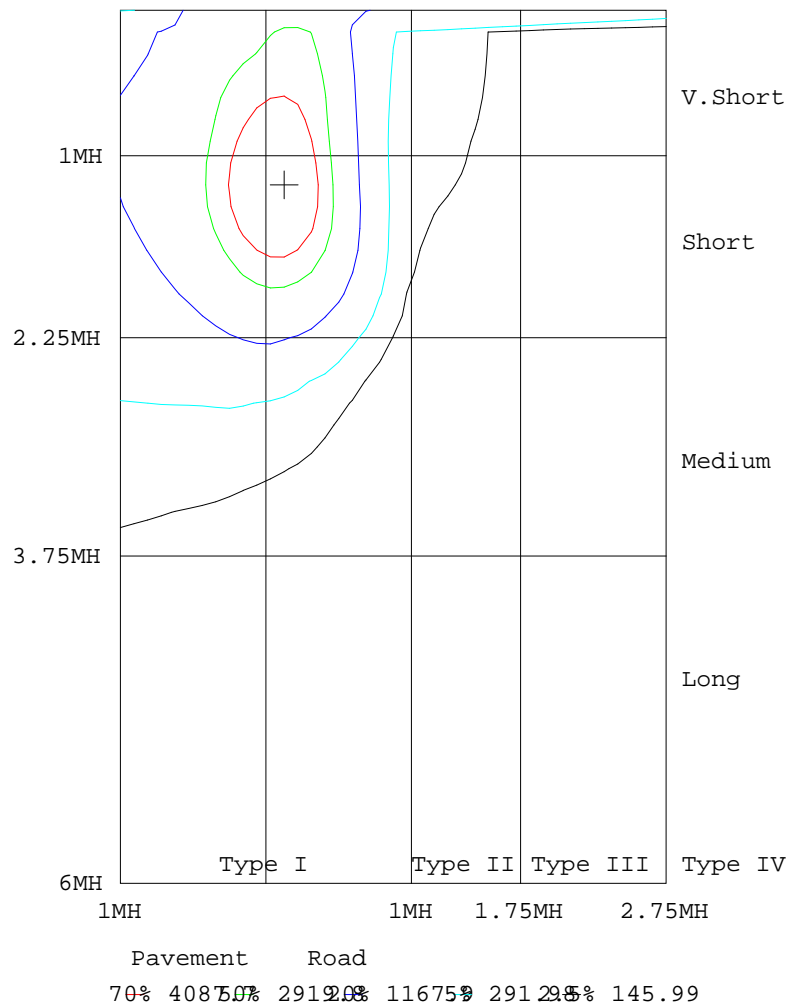
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:19 May 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 41.0%
 Test Distance:26.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
5	2714	2731	2747	2765	2774	2791	2797	2806	2813	2822	2829	2826	2828	2831	2828	2825	2818	2814	2806
10	2831	2870	2906	2932	2954	2981	2993	3002	3002	3009	3004	2998	2984	2974	2962	2948	2927	2910	2895
15	3018	3078	3123	3155	3177	3191	3197	3196	3180	3162	3136	3103	3052	3010	2965	2924	2878	2844	2818
20	3285	3352	3405	3426	3423	3412	3382	3351	3289	3227	3144	3055	2939	2843	2741	2654	2571	2512	2470
25	3627	3684	3722	3705	3662	3604	3512	3411	3277	3124	2943	2751	2554	2369	2198	2062	1948	1871	1827
30	3949	4019	4032	3967	3859	3720	3531	3317	3046	2760	2447	2150	1865	1637	1448	1308	1200	1139	1098
35	4353	4470	4446	4292	4031	3720	3373	2978	2537	2098	1702	1372	1109	897	752	653	592	557	541
40	4871	5023	4934	4585	4079	3522	2940	2341	1774	1308	947	675	500	413	366	342	328	322	320
45	5443	5578	5346	4737	3916	3057	2243	1543	1004	613	393	308	276	267	268	268	267	267	268
50	5752	5912	5524	4653	3457	2327	1433	788	403	263	234	230	227	223	226	227	227	228	228
55	5347	5439	4996	3968	2612	1444	671	292	206	189	192	185	181	181	179	174	169	166	165
60	3897	3923	3458	2549	1447	569	221	169	154	151	150	141	135	129	125	122	120	118	118
65	1776	1646	1256	806	319	157	131	120	115	117	104	94.6	89.0	85.7	81.8	77.0	71.8	68.8	67.4
70	246	197	158	132	114	98.8	87.3	79.7	79.0	69.8	59.3	55.0	52.0	49.9	51.4	48.7	47.6	48.8	47.4
75	112	103	94.0	80.4	68.0	58.2	48.8	39.0	33.6	25.4	17.3	10.5	5.60	2.82	1.34	0.80	0.56	0.75	0.77
80	61.5	48.2	39.2	28.8	15.9	4.01	0.57	3.68	0.34	0.38	0.32	0.34	0.36	0.33	0.30	0.31	0.33	0.31	0.33
85	3.69	0.57	0.53	0.42	0.42	0.38	0.33	1.53	0.19	0.21	0.18	0.19	0.20	0.18	0.16	0.17	0.18	0.17	0.18
90	0.00	0.00	0.00	0.00	0.00	0.06	0.05	0.26	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
5	2807	2799	2793	2787	2779	2769	2760	2755	2744	2729	2715	2709	2693	2681	2665	2651	2633	2618	2603
10	2888	2878	2870	2868	2860	2852	2852	2852	2848	2829	2819	2811	2794	2778	2749	2723	2691	2654	2626
15	2811	2795	2799	2806	2822	2841	2864	2897	2918	2924	2936	2943	2929	2922	2892	2853	2813	2750	2699
20	2457	2457	2484	2527	2588	2665	2740	2839	2915	2977	3028	3073	3086	3091	3073	3043	2987	2906	2833
25	1810	1834	1893	1986	2101	2249	2419	2598	2766	2918	3054	3162	3229	3273	3285	3272	3222	3130	3041
30	1096	1133	1194	1300	1444	1629	1855	2124	2397	2672	2927	3149	3306	3422	3490	3512	3488	3395	3292
35	546	571	620	702	820	992	1202	1480	1810	2188	2590	2960	3267	3501	3662	3763	3780	3683	3554
40	324	331	347	375	421	501	636	854	1157	1538	2013	2544	3041	3461	3796	4032	4150	4062	3897
45	269	271	275	280	284	297	332	414	586	885	1323	1887	2563	3238	3845	4324	4612	4593	4372
50	230	233	236	239	242	245	251	257	292	411	694	1192	1875	2746	3681	4573	5153	5231	4954
55	167	172	180	190	199	203	205	214	219	230	308	591	1168	2041	3259	4621	5586	5885	5542
60	119	123	127	132	140	152	162	167	180	179	191	255	549	1274	2520	4132	5416	5916	5574
65	68.0	71.0	77.4	86.6	95.5	103	112	123	134	143	144	156	206	553	1486	2847	4014	4591	4287
70	48.5	51.5	53.3	55.7	58.5	64.7	70.2	77.3	87.9	105	106	112	123	148	349	992	1592	2096	2017
75	1.58	4.12	8.88	14.4	22.1	24.2	30.3	38.2	46.2	57.9	70.1	73.4	82.7	95.7	112	132	162	209	248
80	0.35	0.38	0.48	0.39	0.45	0.47	0.46	0.47	0.74	6.75	18.1	30.4	42.5	54.7	69.1	83.8	97.2	105	111
85	0.19	0.21	0.26	0.21	0.25	0.25	0.25	0.31	0.31	0.31	0.36	0.46	0.57	0.86	12.1	27.0	40.1	50.4	63.3
90	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.06	0.08	0.10	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm																	
NAME: LED STREET LIGHT									TYPE:LED						WEIGHT:/		
SPEC.:/									DIM.: /						SERIAL No.:/		
MFR.:									SUR.:/						Shielding Angle:/		

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640
5	2589	2574	2560	2548	2534	2524	2511	2502	2489	2488	2476	2473	2470	2468	2466	2470	2475	2479	2484
10	2597	2567	2533	2499	2471	2445	2424	2399	2371	2361	2344	2332	2325	2320	2317	2313	2324	2333	2345
15	2655	2599	2549	2499	2449	2406	2366	2327	2284	2249	2214	2190	2169	2155	2144	2143	2147	2160	2178
20	2764	2678	2599	2535	2461	2393	2322	2256	2187	2129	2071	2021	1982	1951	1930	1921	1924	1939	1962
25	2938	2822	2705	2601	2484	2384	2274	2169	2064	1974	1887	1810	1747	1701	1668	1651	1650	1665	1692
30	3164	3029	2888	2720	2540	2372	2201	2047	1901	1779	1667	1574	1498	1444	1405	1384	1376	1391	1418
35	3411	3249	3069	2841	2577	2323	2081	1878	1706	1569	1453	1360	1290	1239	1202	1184	1178	1190	1215
40	3671	3434	3168	2873	2539	2198	1916	1695	1525	1395	1288	1211	1154	1116	1087	1075	1071	1082	1102
45	4022	3634	3198	2760	2332	1985	1726	1529	1380	1272	1186	1122	1078	1046	1024	1018	1016	1029	1045
50	4439	3815	3178	2580	2103	1778	1556	1398	1283	1191	1115	1059	1018	991	971	968	970	984	997
55	4791	3867	3003	2321	1881	1609	1424	1291	1188	1111	1036	983	942	915	895	890	892	901	916
60	4624	3476	2558	1962	1611	1396	1249	1144	1058	979	910	855	813	782	764	757	757	761	773
65	3400	2436	1805	1444	1228	1083	980	896	827	768	715	673	642	622	609	604	603	605	610
70	1567	1179	981	853	763	695	635	588	554	528	504	482	464	454	446	442	439	438	438
75	281	304	321	331	338	334	329	331	331	328	321	314	309	308	308	305	303	302	302
80	118	126	138	152	158	164	173	187	208	224	224	229	233	234	233	230	227	226	227
85	72.6	86.6	96.5	101	106	112	124	144	168	176	174	195	207	195	180	171	163	161	167
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.97V I:0.2724A P:59.140W PF:0.9870 Freq:50.00Hz Lamp Flux:7566.74x1 lm																	
NAME: LED STREET LIGHT									TYPE:LED						WEIGHT:/		
SPEC.:/									DIM.: /						SERIAL No.:/		
MFR.:/									SUR.:/						Shielding Angle:/		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640	2640				
5	2490	2500	2510	2523	2535	2548	2557	2574	2592	2610	2629	2646	2660	2679	2701				
10	2356	2376	2394	2418	2445	2476	2500	2531	2568	2605	2648	2684	2722	2761	2798				
15	2201	2235	2269	2320	2361	2418	2462	2517	2575	2638	2698	2765	2831	2893	2960				
20	1997	2045	2098	2164	2240	2331	2404	2497	2595	2696	2793	2907	3011	3110	3206				
25	1736	1795	1866	1958	2059	2184	2307	2451	2607	2775	2947	3125	3283	3418	3539				
30	1464	1526	1602	1703	1822	1970	2134	2336	2563	2808	3064	3327	3545	3700	3854				
35	1253	1305	1376	1467	1581	1723	1896	2118	2402	2721	3076	3401	3688	3933	4167				
40	1131	1175	1230	1304	1399	1526	1678	1878	2140	2491	2908	3348	3783	4194	4582				
45	1071	1107	1154	1214	1294	1395	1516	1679	1905	2220	2663	3230	3838	4455	5035				
50	1021	1057	1098	1153	1217	1297	1398	1525	1704	1961	2360	2943	3675	4479	5250				
55	939	973	1012	1056	1109	1174	1239	1327	1451	1636	1926	2384	3072	3920	4783				
60	792	815	845	875	909	945	986	1041	1110	1213	1377	1628	2053	2667	3384				
65	619	628	639	651	660	669	676	698	729	762	811	895	1025	1248	1566				
70	439	437	438	438	433	426	409	395	384	377	358	338	318	296	284				
75	299	293	285	279	273	258	233	213	196	182	171	156	142	131	123				
80	228	230	230	214	206	201	176	149	131	120	113	107	99.7	84.6	73.2				
85	179	195	189	163	151	145	133	109	86.2	74.8	71.4	66.5	51.7	32.3	16.1				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.68				
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:19 May 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 41.0%
Test Distance:26.000m [K=1.0000]
Remarks: