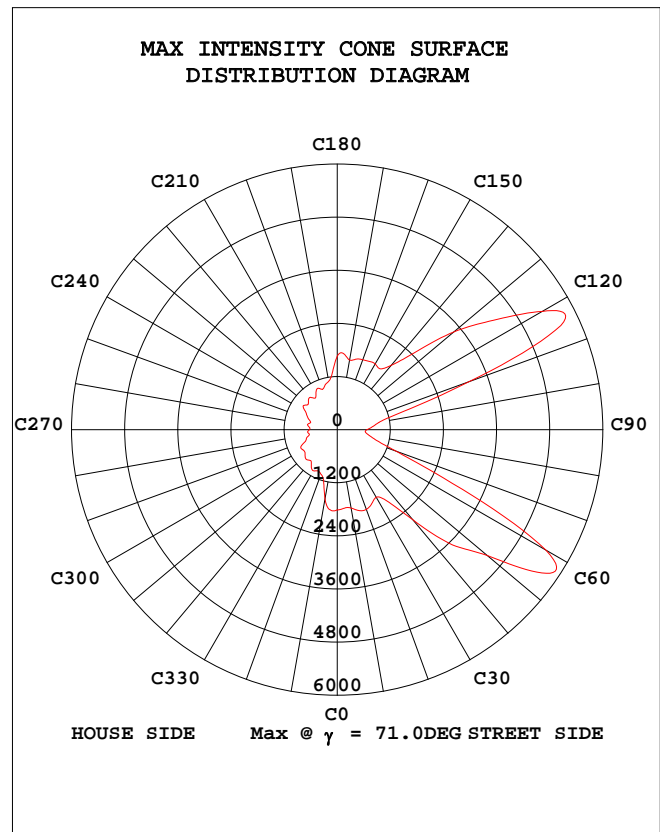
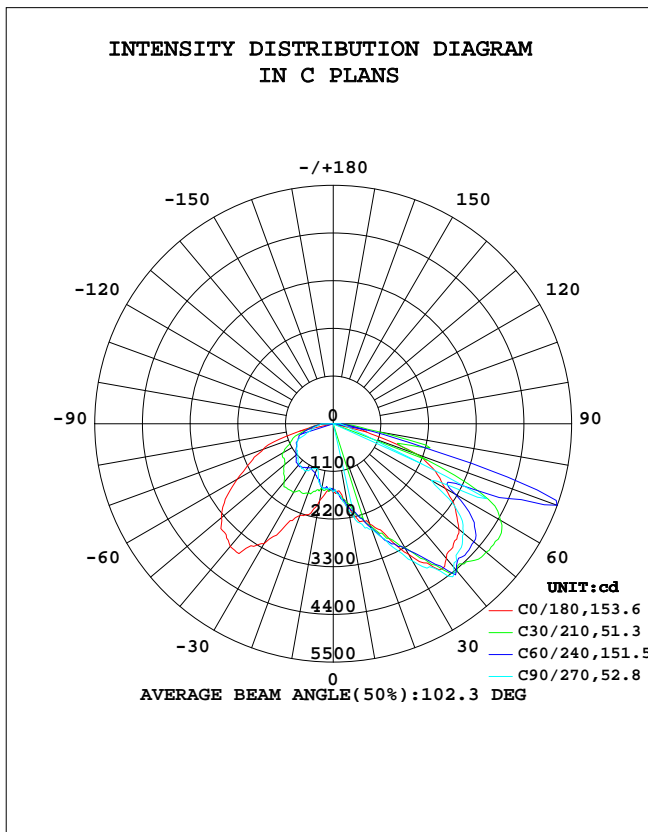


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.:	SUR.: /	Shielding Angle: /

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.59 lm/W			
MODEL	NW-G15-90	Imax(cd)	5643	η street_up(%)	0.0
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	67.4
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	12256	η house_up(%)	0.0
NOMINAL FLUX(lm)	12256.1	MAXIMUM @(C, γ)	55,71.0	η house_down(%)	32.6
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	22.136

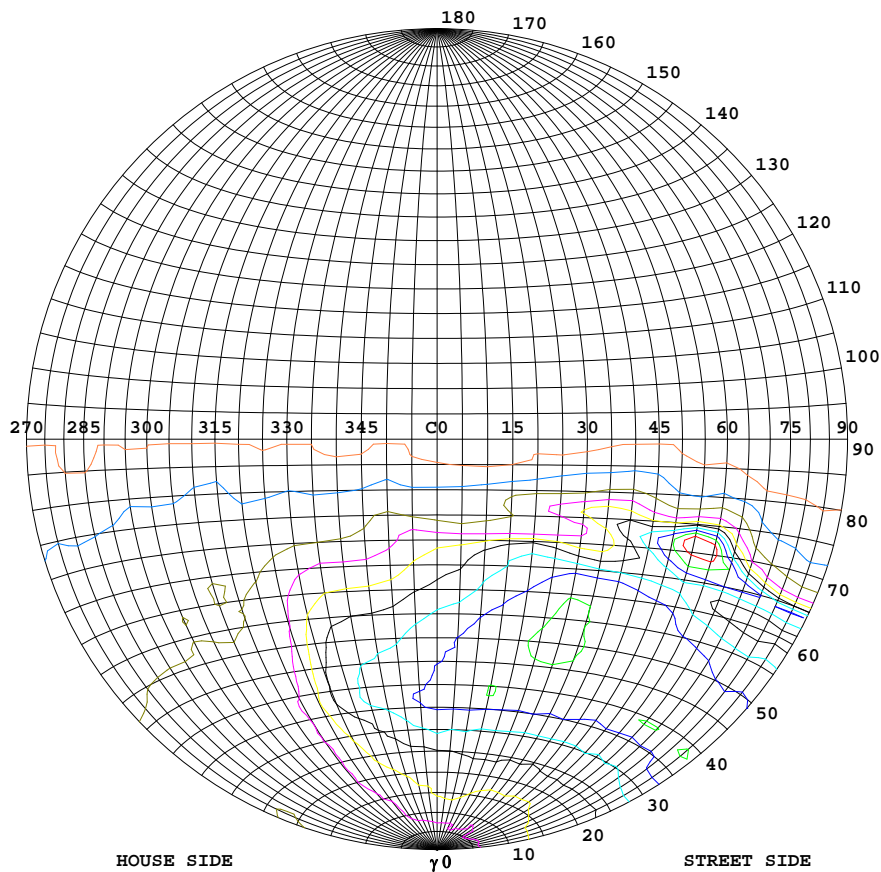


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.8DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance:26.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /



Classification:

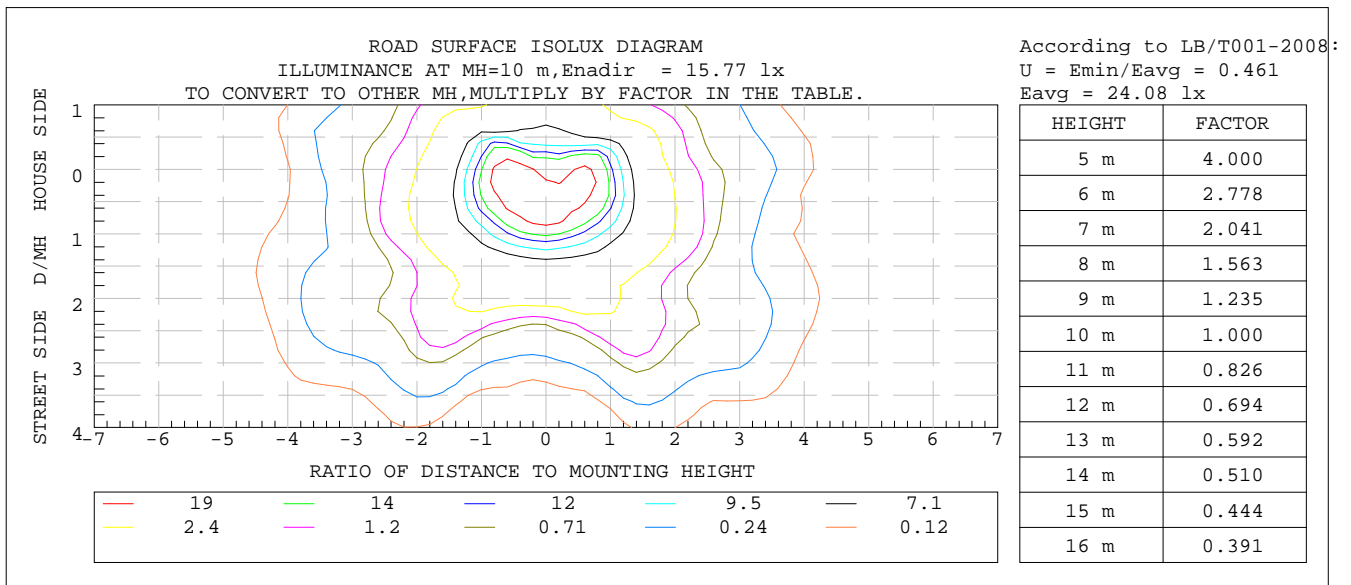
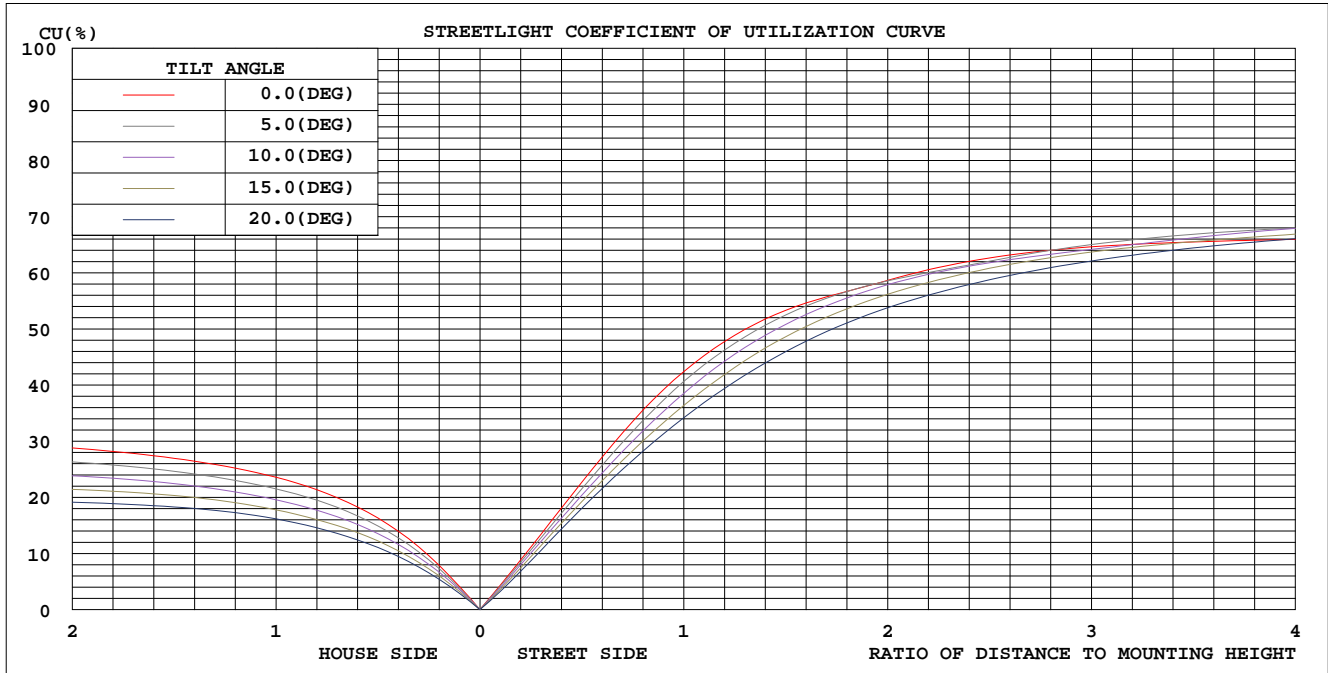
IES:Type IV - Short
 CIE:Broad - Long
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:107.0cd/klm
 Max.At90:0cd/klm
 Max.80-90:107.0cd/klm
 NRB 5101:Semi limited[17.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5643
90%	5079
80%	4515
70%	3950
60%	3386
50%	2822
40%	2257
30%	1693
20%	1129
10%	564
5%	282

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.8DEG
 Operators:
 Test Date:29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 38.3%
 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: 26.8DEG
Operators:
Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance: 26.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.:	SUR.: /	Shielding Angle: /

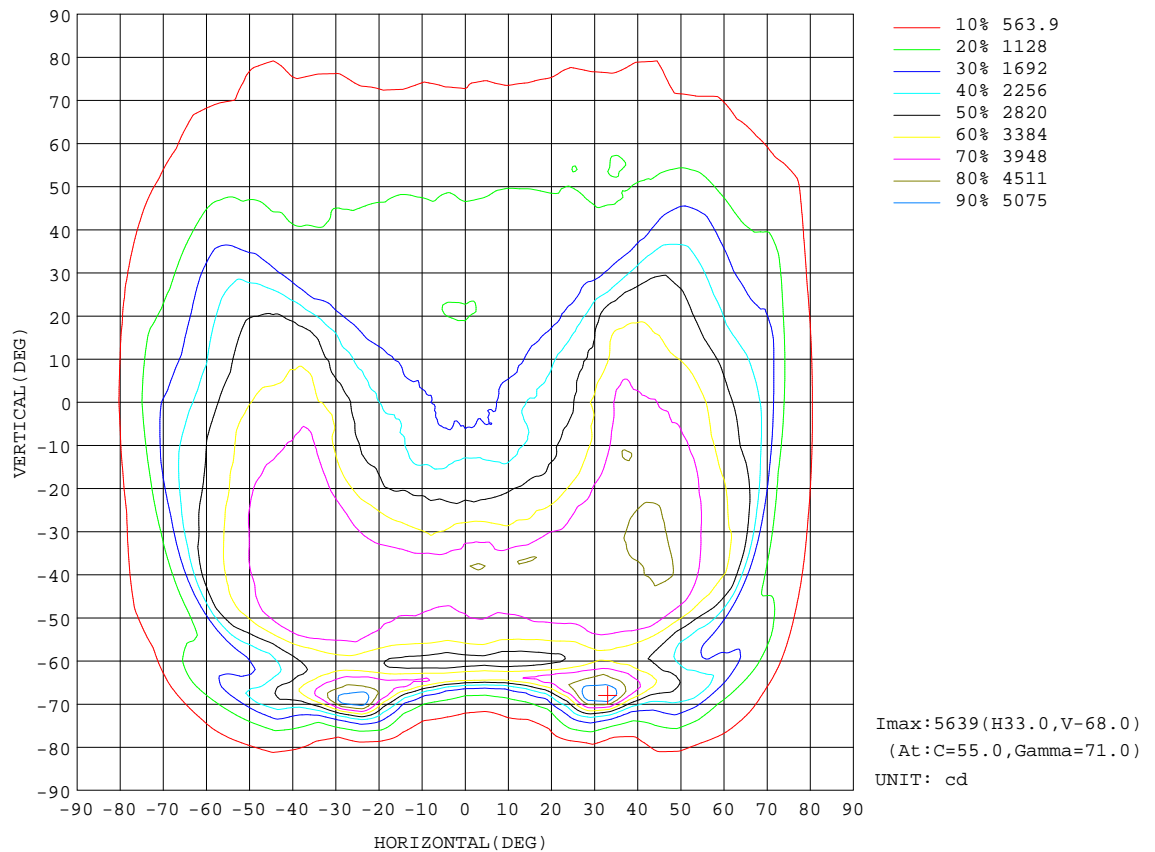
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1929	1854	2024	1746	1799	1399	1483	1407	0- 10	156.3	156.3	1.28,1.28
20	2465	2493	2575	2475	2258	1381	1100	1519	10- 20	541.7	698.0	5.7,5.7
30	3475	3250	3652	3141	3196	1286	1246	1468	20- 30	1064	1762	14.4,14.4
40	4065	4399	4322	4144	3697	1295	1224	1521	30- 40	1839	3601	29.4,29.4
50	3785	4269	3932	4288	3367	1141	1077	1252	40- 50	2369	5970	48.7,48.7
60	2985	4171	2621	4304	2554	1082	965.0	1111	50- 60	2488	8458	69,69
70	2054	3436	785.8	2333	1715	938.9	666.5	965.7	60- 70	2192	10650	86.9,86.9
80	601.7	976.2	283.9	1159	575.4	635.9	416.6	622.3	70- 80	1223	11873	96.9,96.9
90	0	0	0	0	0	0	0	0	80- 90	383.2	12256	100,100
100	0	0	0	0	0	0	0	0	90-100	0	12256	100,100
110	0	0	0	0	0	0	0	0	100-110	0	12256	100,100
120	0	0	0	0	0	0	0	0	110-120	0	12256	100,100
130	0	0	0	0	0	0	0	0	120-130	0	12256	100,100
140	0	0	0	0	0	0	0	0	130-140	0	12256	100,100
150	0	0	0	0	0	0	0	0	140-150	0	12256	100,100
160	0	0	0	0	0	0	0	0	150-160	0	12256	100,100
170	0	0	0	0	0	0	0	0	160-170	0	12256	100,100
180	0	0	0	0	0	0	0	0	170-180	0	12256	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.8DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

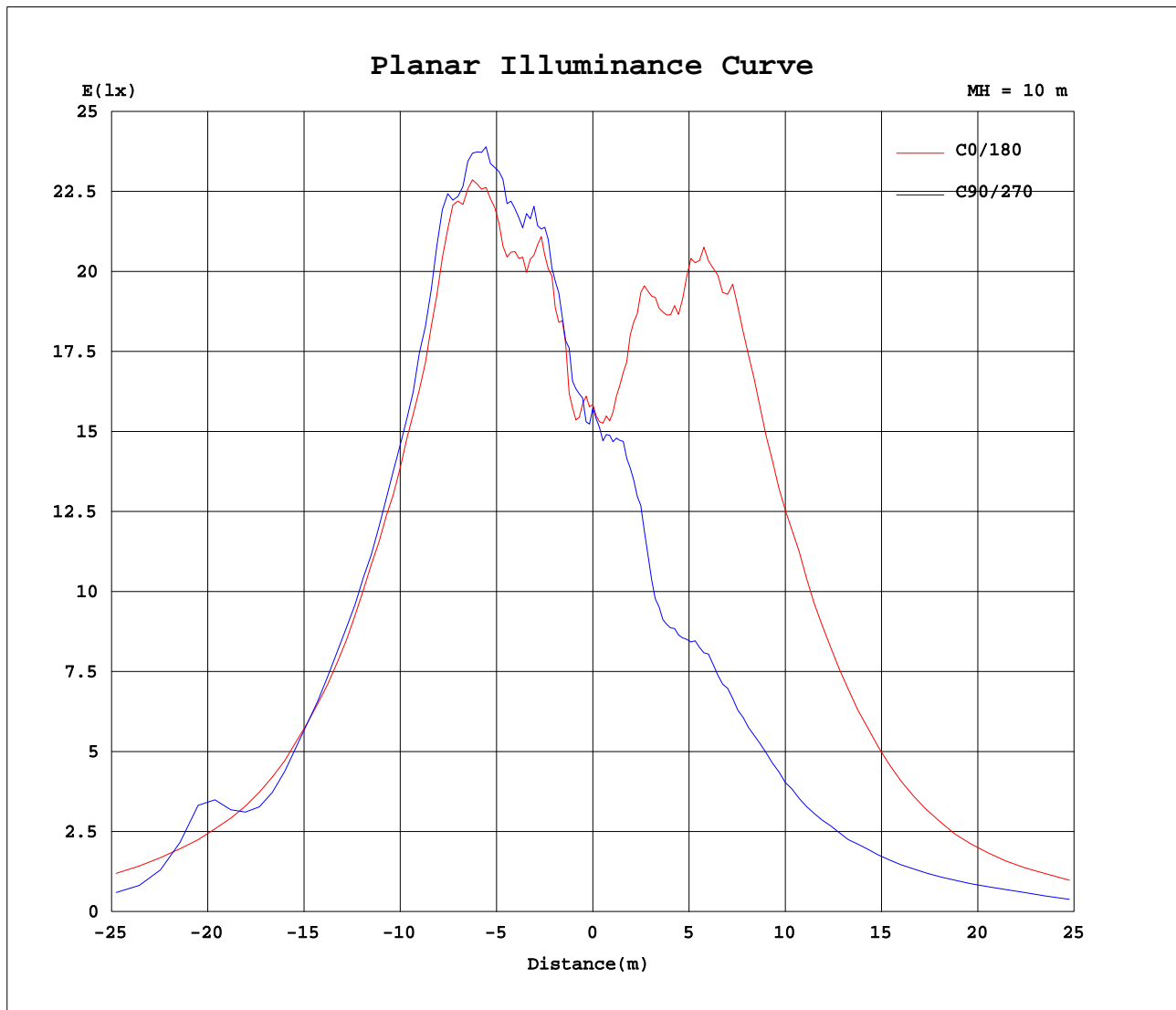
Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.:	SUR.: /	Shielding Angle: /



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 26.8DEG
 Operators:
 Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 38.3%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



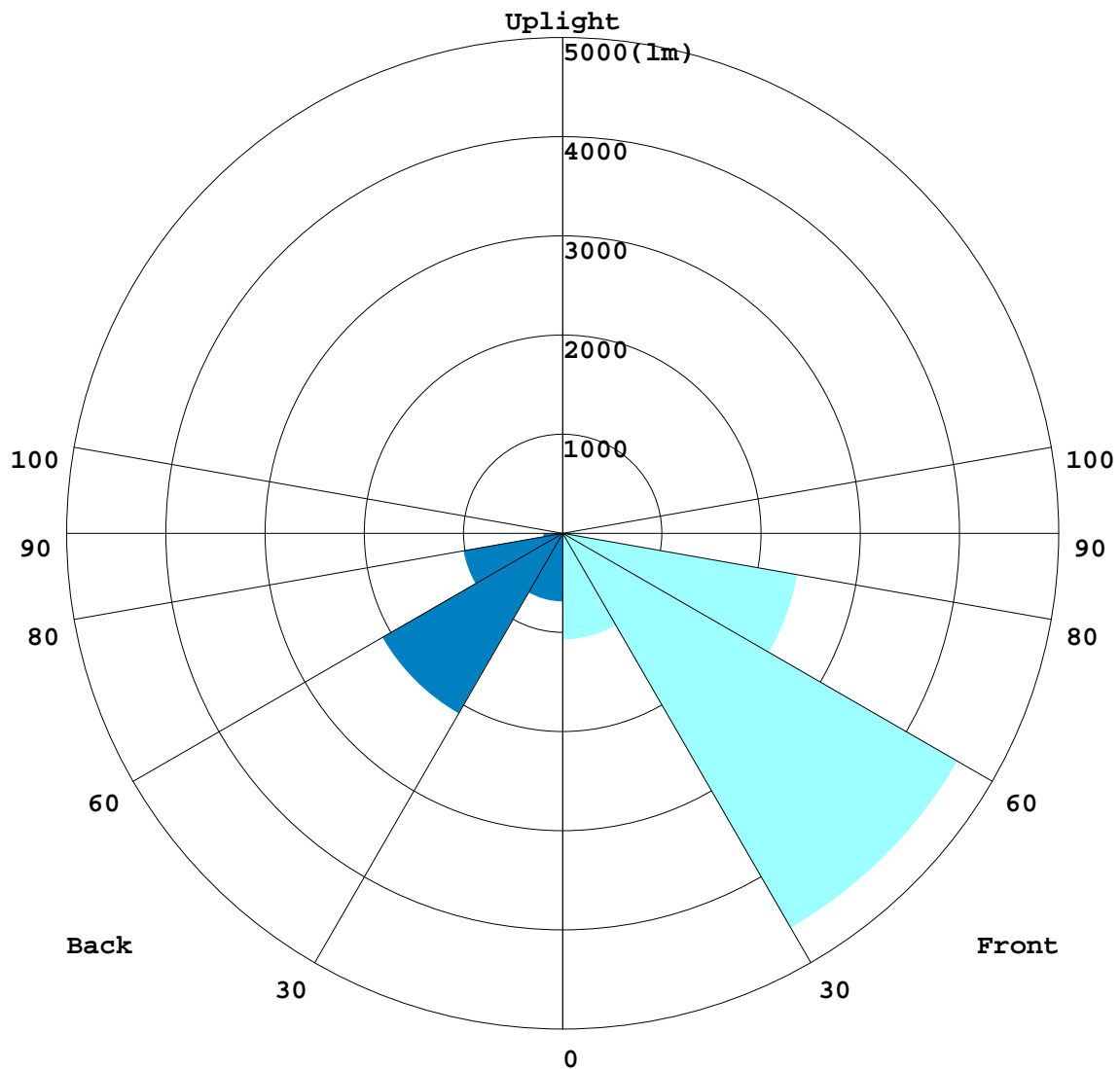
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.8DEG
Operators:
Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance: 26.000m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	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: 26.8DEG
 Operators:
 Test Date: 29 August 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 38.3%
 Test Distance: 26.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	WEIGHT: /
SPEC.: /	DIM.: /	SERIAL No.: /
MFR.: /	SUR.: /	Shielding Angle: /

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1072.4	8.7
FM - Front-Medium(30-60)	4596.6	37.5
FH - Front-High(60-80)	2401.1	19.6
FVH - Front-Very High(80-90)	189.82	1.5
Total Forward Light	8260	67.4

BL - Back-Low(0-30)	689.84	5.6
BM - Back-Medium(30-60)	2099.4	17.1
BH - Back-High(60-80)	1013.5	8.3
BVH - Back-Very High(80-90)	193.33	1.6
Total Back Light	3996.1	32.6

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	3996.1	0	3996.1
Street Side	8260	0	8260

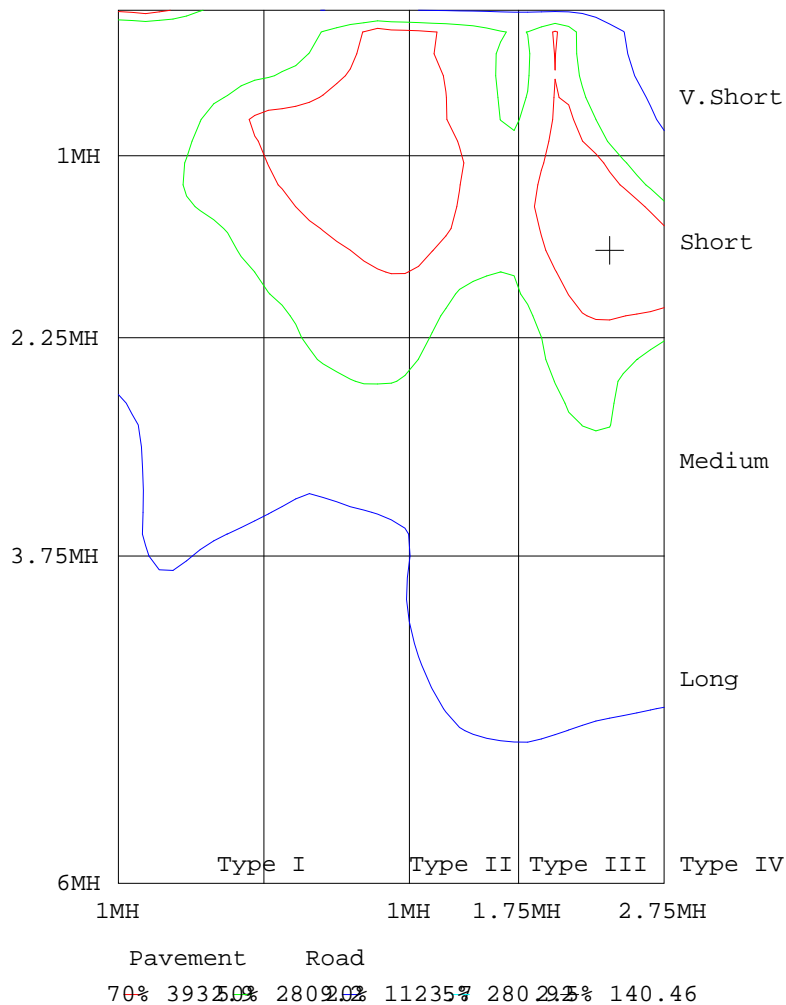
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 26.8DEG
Operators:
Test Date:29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance:26.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm		
NAME: /	TYPE: /	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: 26.8DEG
Operators:
Test Date: 29 August 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 38.3%
Test Distance: 26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm																	
NAME: /									TYPE: /						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	1585	1582	1581	1583	1581	1571	1570	1565	1568	1572	1572	1572	1573	1574	1575	1574	1574	1575	1574
5	1554	1583	1612	1602	1627	1643	1640	1637	1650	1686	1697	1693	1681	1633	1648	1642	1647	1648	1652
10	1929	1942	1937	1993	1953	1910	1873	1814	1816	1854	1893	1911	1951	1987	1988	1977	2027	2028	2024
15	2340	2366	2387	2344	2236	2212	2184	2132	2126	2127	2040	2115	2192	2255	2297	2402	2397	2436	2367
20	2465	2481	2570	2570	2557	2551	2505	2536	2521	2493	2515	2572	2560	2542	2571	2594	2673	2594	2575
25	2793	2804	2889	2889	2887	2930	2913	2875	2852	2863	2910	2944	2997	2971	2952	2913	3063	3002	3073
30	3475	3380	3418	3318	3359	3329	3307	3298	3311	3250	3318	3404	3328	3416	3351	3461	3617	3694	3652
35	4039	4006	4016	3974	3935	3882	3958	3869	3951	3884	3848	3888	3862	3876	3914	3871	4020	4167	4066
40	4065	4148	4372	4532	4475	4441	4449	4439	4394	4399	4459	4385	4419	4462	4483	4325	4328	4403	4322
45	3922	4033	4284	4436	4457	4491	4481	4400	4272	4168	4261	4290	4296	4245	4243	4151	4142	4224	4124
50	3785	3957	4191	4371	4471	4565	4606	4576	4362	4269	4337	4237	4237	4140	4082	3967	3903	3983	3932
55	3443	3589	3903	4140	4274	4448	4646	4557	4329	4261	4300	4131	3973	3872	3704	3528	3453	3576	3489
60	2985	3107	3473	3782	3961	4199	4455	4414	4339	4171	4042	3860	3260	2959	2742	2597	2552	2700	2621
65	2604	2768	3126	3383	3543	3666	3726	3503	3367	3215	3193	3443	3613	3966	4065	3979	3200	2836	2863
70	2054	2011	2196	2519	2707	2315	2019	2026	2515	3436	4322	5281	5493	3409	1637	1169	851	755	786
75	887	882	939	1103	1323	1636	2071	2672	2798	2294	2189	2655	2398	1532	697	463	458	383	408
80	602	641	727	895	955	988	1055	1262	1312	976	597	543	645	483	340	309	299	273	284
85	291	274	259	283	330	387	450	473	496	478	339	293	313	262	206	204	202	186	194
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: 26.8DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 38.3%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm																		
NAME: /									TYPE: /					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	1573	1575	1577	1578	1577	1577	1577	1574	1572	1570	1570	1577	1576	1577	1574	1575	1576	1585	1582
5	1662	1658	1699	1687	1707	1696	1646	1609	1608	1573	1571	1569	1600	1600	1560	1544	1567	1551	1538
10	1977	1984	1970	1923	1851	1832	1769	1771	1746	1821	1867	1907	1878	1902	1885	1874	1878	1799	1763
15	2376	2326	2259	2124	2114	2089	2117	2090	2029	2027	2065	2092	2228	2247	2245	2236	2170	2170	2099
20	2632	2558	2572	2574	2529	2486	2484	2408	2475	2411	2434	2403	2413	2394	2370	2361	2316	2258	2192
25	2936	2925	2915	2875	2895	2858	2858	2761	2722	2721	2780	2768	2739	2756	2665	2698	2675	2571	2506
30	3564	3353	3265	3282	3281	3275	3185	3134	3141	3147	3139	3148	3143	3148	3184	3309	3284	3196	2965
35	4031	3816	3789	3742	3781	3706	3652	3616	3649	3674	3668	3662	3684	3734	3814	3759	3692	3509	3373
40	4314	4304	4311	4252	4222	4201	4189	4091	4144	4184	4250	4252	4208	4235	4115	3975	3813	3697	3465
45	4035	4078	4157	4127	4106	4078	4159	4111	4160	4311	4417	4382	4282	4247	4050	3839	3697	3547	3331
50	3837	3888	3967	3976	4147	4181	4220	4148	4288	4451	4454	4370	4272	4213	3936	3724	3562	3367	3146
55	3447	3569	3657	3803	3976	4134	4282	4196	4339	4471	4446	4313	4189	3939	3618	3385	3251	3043	2793
60	2566	2676	2780	2972	3380	3828	3989	4124	4304	4277	4257	4014	3828	3529	3248	2953	2848	2554	2293
65	3375	4087	3926	3747	3502	3244	3098	3072	3235	3398	3557	3504	3372	3195	2906	2624	2421	2104	1789
70	917	1174	1845	3761	5491	4913	4120	3229	2333	1975	1951	2190	2263	2122	1929	1840	1883	1715	1352
75	424	477	751	1604	2306	2219	2058	2252	2739	2476	1959	1553	1226	1001	876	896	907	1121	1042
80	296	308	346	478	540	492	618	897	1159	1095	1033	944	871	802	618	665	532	575	562
85	214	201	245	301	294	280	357	414	451	431	395	332	287	274	263	356	269	336	338
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: 26.8DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 38.3%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm																	
NAME: /									TYPE: /						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	1581	1583	1581	1571	1570	1565	1568	1572	1572	1572	1573	1574	1575	1574	1574	1575	1574	1573	1575
5	1603	1584	1577	1552	1498	1503	1496	1480	1474	1536	1490	1483	1501	1484	1526	1487	1505	1495	1537
10	1753	1708	1642	1579	1494	1450	1452	1399	1432	1486	1493	1516	1509	1521	1544	1539	1483	1520	1543
15	1991	1908	1749	1625	1620	1553	1478	1443	1350	1315	1329	1326	1329	1324	1317	1292	1321	1325	1334
20	2129	2043	1969	1835	1721	1603	1459	1381	1310	1251	1211	1203	1138	1148	1124	1093	1100	1148	1158
25	2396	2287	2133	1968	1750	1540	1388	1274	1232	1192	1171	1161	1158	1165	1144	1180	1149	1159	1169
30	2756	2590	2337	2123	1823	1538	1396	1286	1247	1218	1178	1174	1145	1222	1248	1271	1246	1258	1228
35	3176	2984	2681	2337	1838	1524	1409	1317	1302	1259	1229	1219	1272	1267	1243	1281	1270	1276	1282
40	3362	3210	2954	2435	1765	1510	1384	1295	1296	1262	1256	1247	1260	1253	1236	1242	1224	1254	1276
45	3253	3123	2879	2344	1622	1409	1285	1215	1239	1210	1209	1190	1208	1177	1159	1183	1141	1170	1178
50	3071	3015	2710	2160	1479	1292	1199	1141	1147	1128	1125	1120	1125	1108	1102	1113	1077	1092	1123
55	2737	2679	2405	1909	1385	1197	1085	1062	1112	1053	1052	1050	1066	1046	1030	1052	1034	1040	1066
60	2267	2223	2095	1622	1335	1121	1076	1082	1055	1074	976	993	1001	983	960	976	965	967	991
65	1734	1732	1648	1357	1109	997	1098	1010	972	997	900	930	909	914	933	925	919	906	918
70	1177	1130	1063	1079	997	907	987	939	894	952	848	790	728	632	683	660	667	674	660
75	857	713	687	789	744	694	831	830	739	730	681	551	506	495	548	526	524	554	515
80	513	495	504	551	526	523	618	636	512	508	504	431	406	408	458	416	417	428	399
85	314	300	340	351	355	393	466	476	360	346	357	299	279	279	366	293	320	328	280
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: 26.8DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 38.3%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.4135A P:90.390W PF:0.9939 Freq:50.00Hz Lamp Flux:12256.1x1 lm																	
NAME: /									TYPE: /						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	1577	1578	1577	1577	1577	1574	1572	1570	1570	1577	1576	1577	1574	1575	1576				
5	1518	1524	1545	1515	1553	1535	1527	1563	1572	1559	1569	1543	1548	1545	1547				
10	1522	1536	1502	1498	1471	1418	1407	1468	1580	1661	1730	1797	1876	1872	1853				
15	1341	1336	1292	1322	1390	1462	1558	1570	1667	1775	1827	2059	2120	2181	2223				
20	1179	1196	1243	1292	1334	1408	1519	1676	1806	1949	2045	2151	2318	2343	2439				
25	1190	1177	1226	1236	1248	1361	1473	1654	1867	2103	2325	2468	2604	2642	2767				
30	1178	1215	1242	1272	1333	1384	1468	1707	1979	2296	2597	2766	2919	3172	3327				
35	1277	1252	1292	1324	1356	1429	1550	1703	2106	2640	3014	3220	3428	3661	3917				
40	1308	1326	1294	1357	1393	1429	1521	1669	2083	2882	3233	3465	3564	3726	3882				
45	1204	1236	1223	1250	1297	1259	1361	1511	1930	2741	3186	3374	3439	3565	3786				
50	1138	1142	1137	1162	1189	1165	1252	1405	1768	2591	3013	3169	3212	3315	3576				
55	1064	1073	1066	1105	1108	1082	1142	1304	1645	2307	2668	2817	2867	2986	3233				
60	1004	993	1000	1116	1080	1140	1111	1185	1553	1971	2248	2318	2354	2489	2771				
65	922	916	963	1012	1008	1100	1074	1068	1257	1588	1788	1809	1844	1970	2314				
70	754	795	905	904	886	964	966	911	1038	1102	1126	1188	1318	1588	1889				
75	542	623	679	731	732	806	816	704	748	770	751	801	1012	1272	1043				
80	413	445	521	490	513	605	622	501	516	571	541	533	576	661	602				
85	276	337	335	345	391	439	473	373	346	378	336	336	380	437	331				
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				
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: 26.8DEG

Operators:

Test Date:29 August 2020

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 38.3%

Test Distance:26.000m [K=1.0000]

Remarks: