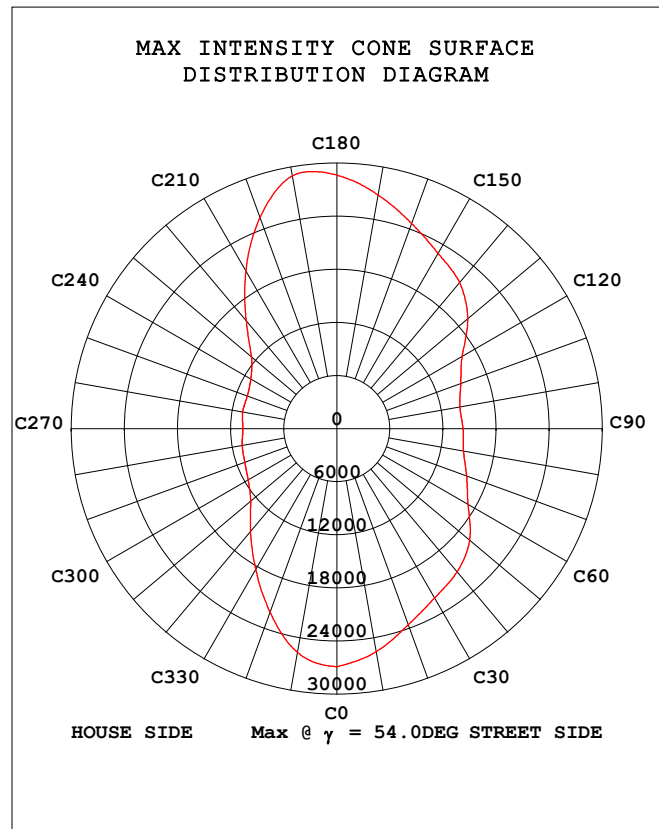
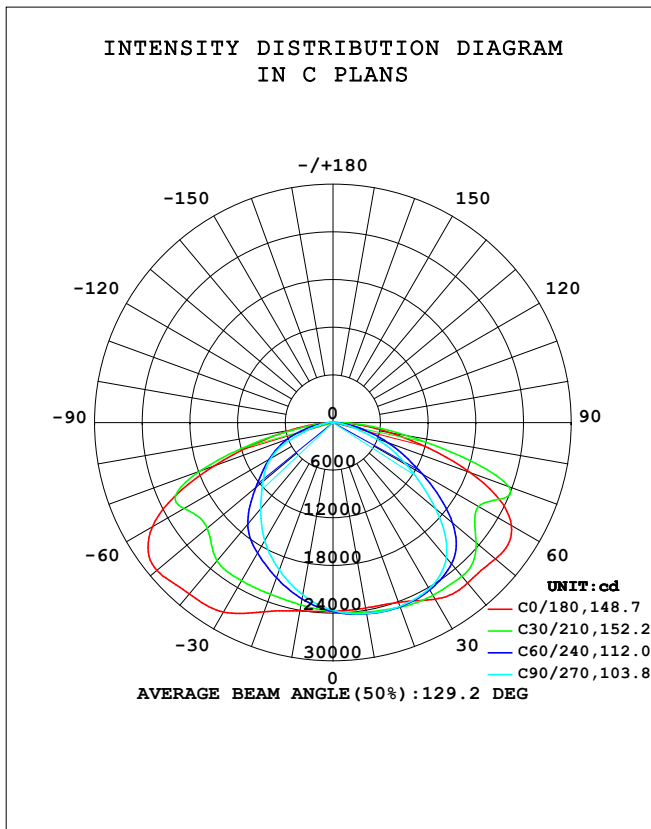


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 185.13 lm/W			
MODEL ASD-LSB5B-NEOX-500BR		Imax(cd)	29156	η street_up(%)	0.0
NOMINAL POWER(W)	500	LOR(%)	100.0	η street_down(%)	53.9
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	91874	η house_up(%)	0.0
NOMINAL FLUX(lm)	91874	MAXIMUM @ (C, γ)	185,54.0	η house_down(%)	46.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	

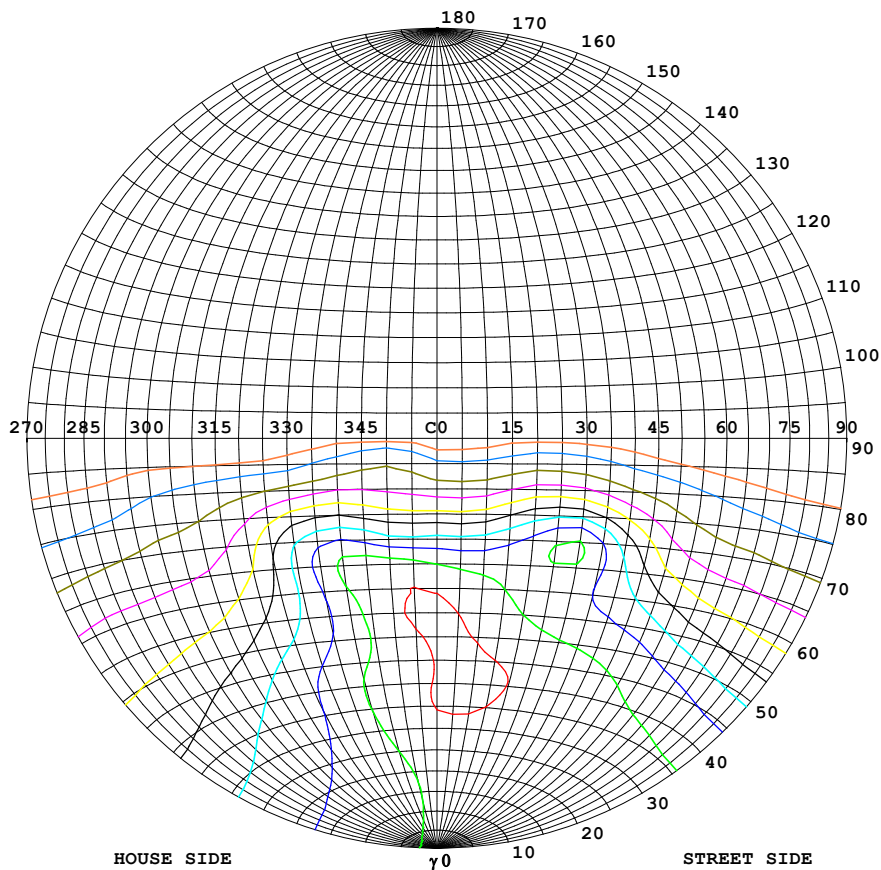


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



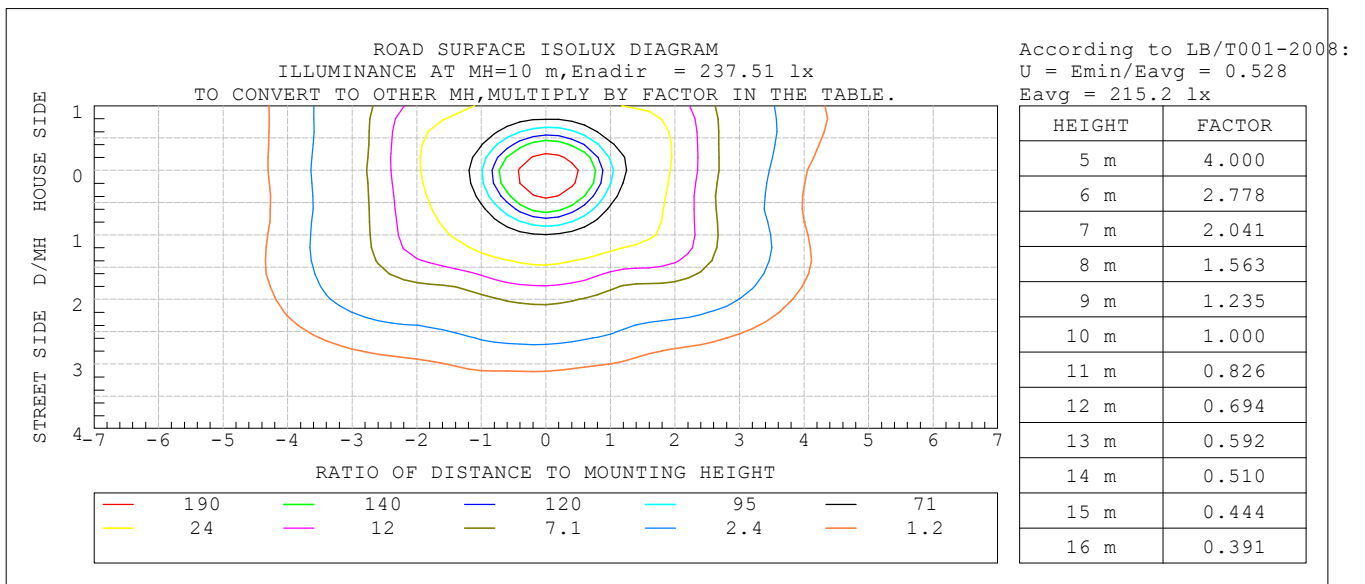
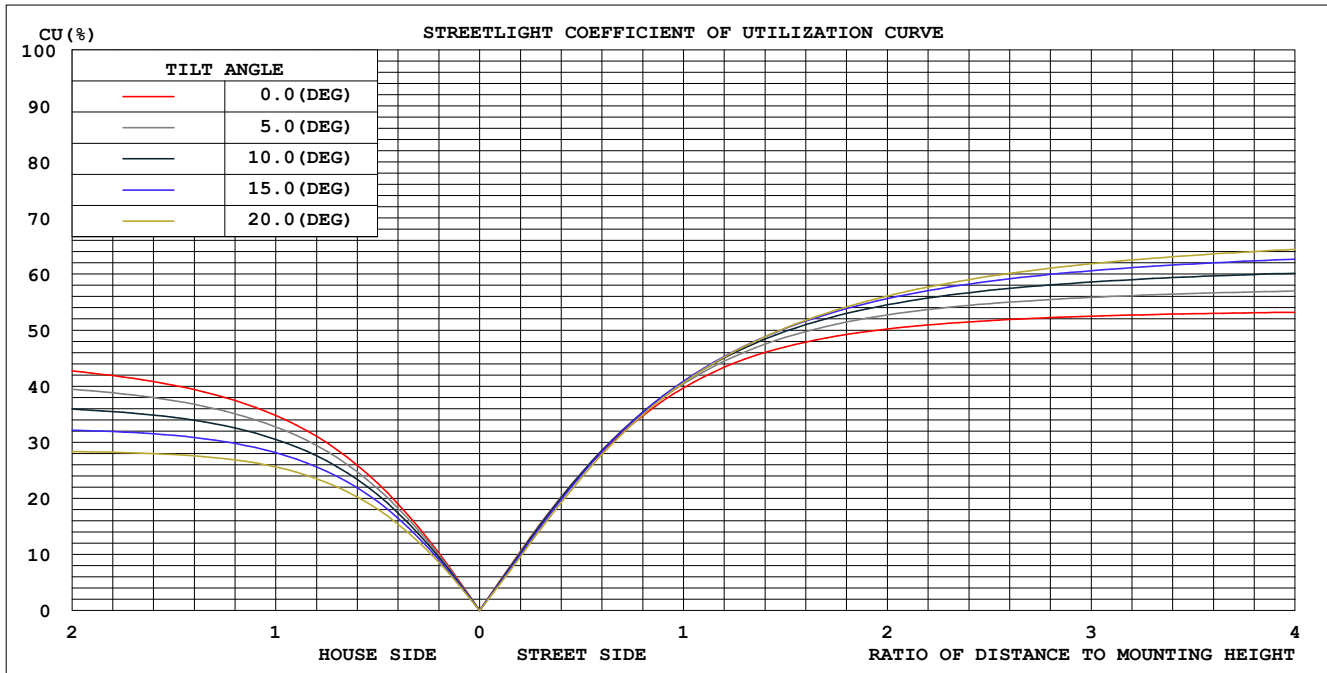
Classification:

IES:Type III - Short
CIE:Average - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:108.1cd/klm
Max.At90:0cd/klm
Max.80-90:108.1cd/klm
NRB 5101:Semi limited[16.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	29156
90%	26241
80%	23325
70%	20410
60%	17494
50%	14578
40%	11663
30%	8747
20%	5831
10%	2916
5%	1458

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

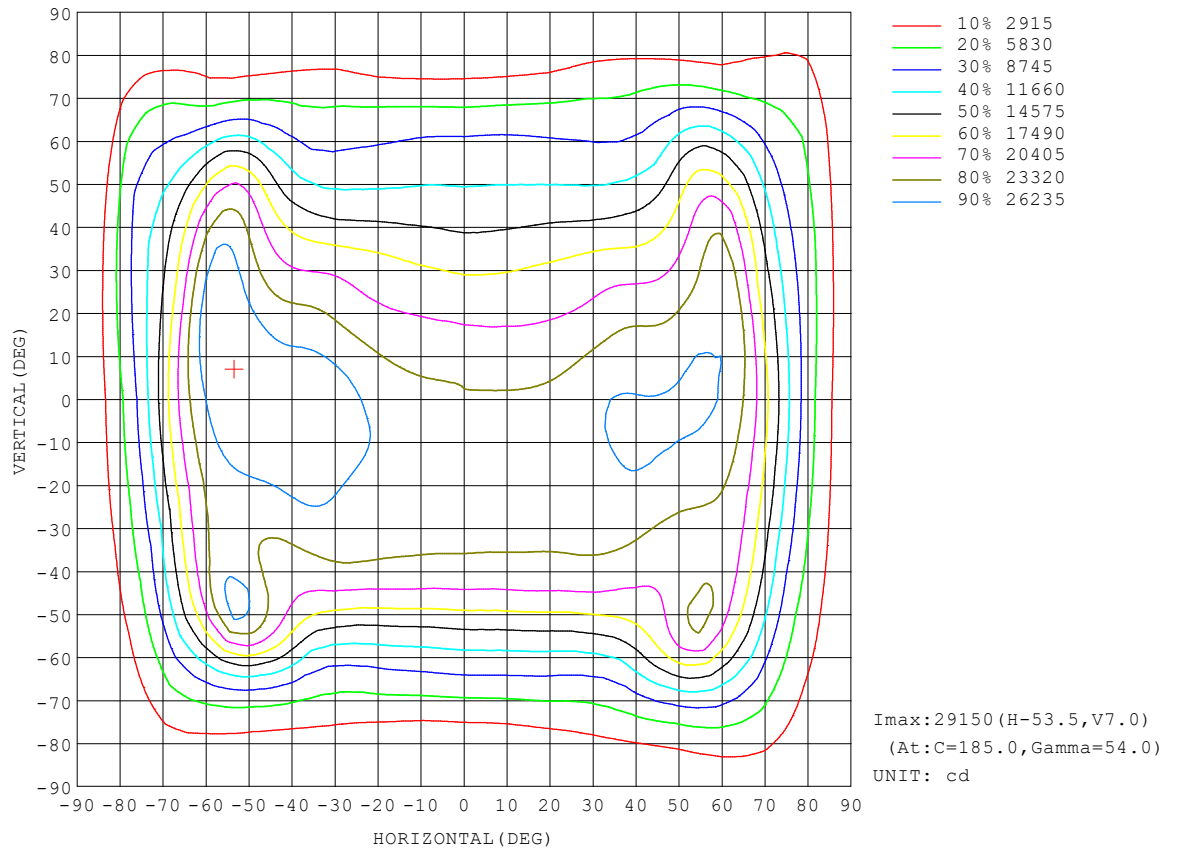
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	2370	2436	2441	2446	2408	2289	2201	2245	0- 10	2255	2255	2.45,2.45
20	2409	2473	2461	2521	2533	2174	1977	2101	10- 20	6635	8890	9.68,9.68
30	2567	2460	2417	2519	2755	2055	1720	1962	20- 30	10735	19625	21.4,21.4
40	2637	2406	2220	2490	2813	1933	1418	1834	30- 40	14264	33889	36.9,36.9
50	2670	2212	1686	2222	2894	1566	1152	1534	40- 50	16284	50174	54.6,54.6
60	2593	1770	1073	1806	2626	1189	906.1	1171	50- 60	16277	66451	72.3,72.3
70	1834	1268	542.6	1160	1590	838.6	467.0	858.4	60- 70	14695	81146	88.3,88.3
80	720.3	503.2	148.7	326.6	526.4	282.2	172.0	433.1	70- 80	8541	89687	97.6,97.6
90	0	0	0	0	0	0	0	0	80- 90	2187	91874	100,100
100	0	0	0	0	0	0	0	0	90-100	0	91874	100,100
110	0	0	0	0	0	0	0	0	100-110	0	91874	100,100
120	0	0	0	0	0	0	0	0	110-120	0	91874	100,100
130	0	0	0	0	0	0	0	0	120-130	0	91874	100,100
140	0	0	0	0	0	0	0	0	130-140	0	91874	100,100
150	0	0	0	0	0	0	0	0	140-150	0	91874	100,100
160	0	0	0	0	0	0	0	0	150-160	0	91874	100,100
170	0	0	0	0	0	0	0	0	160-170	0	91874	100,100
180	0	0	0	0	0	0	0	0	170-180	0	91874	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

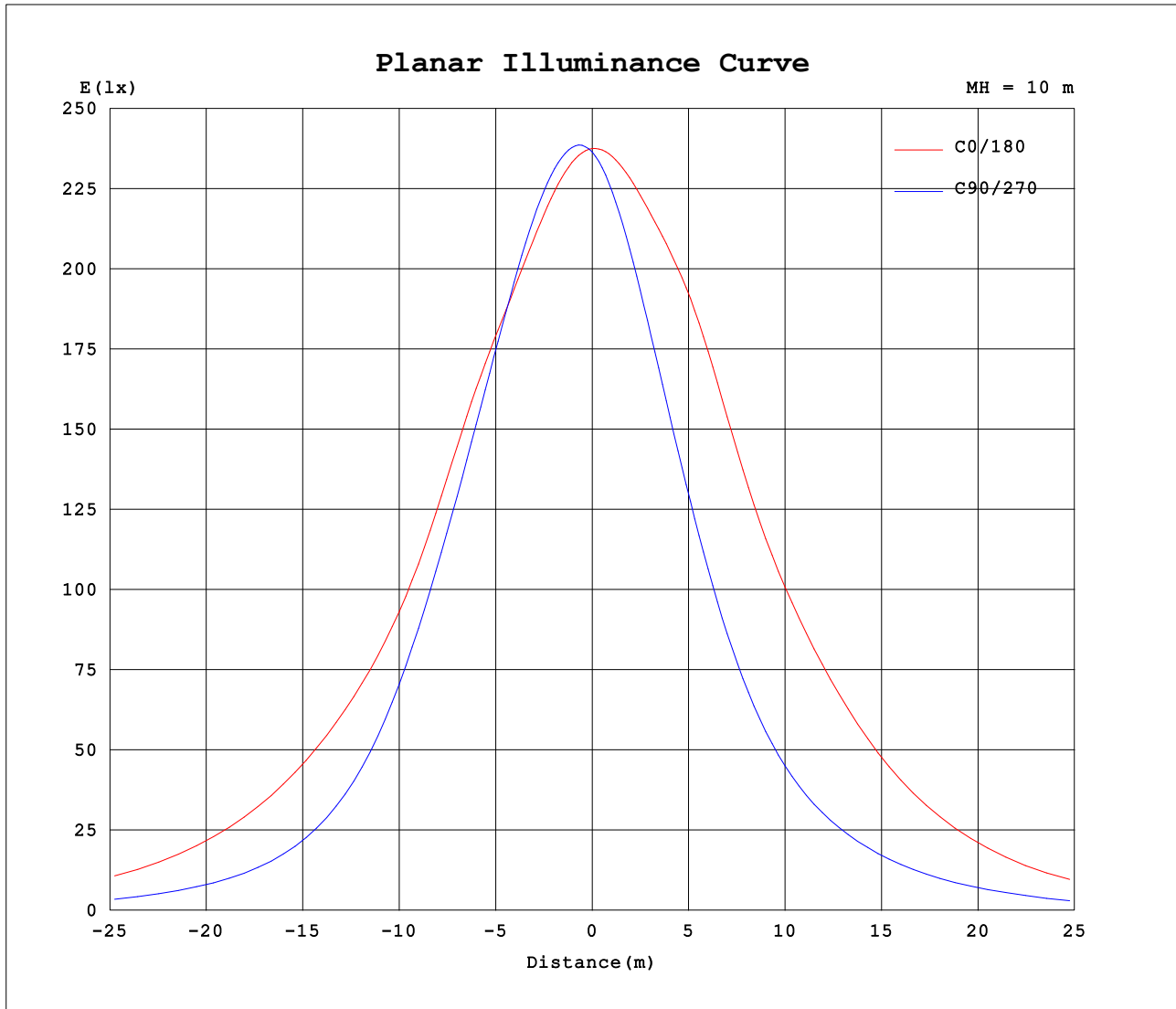
Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



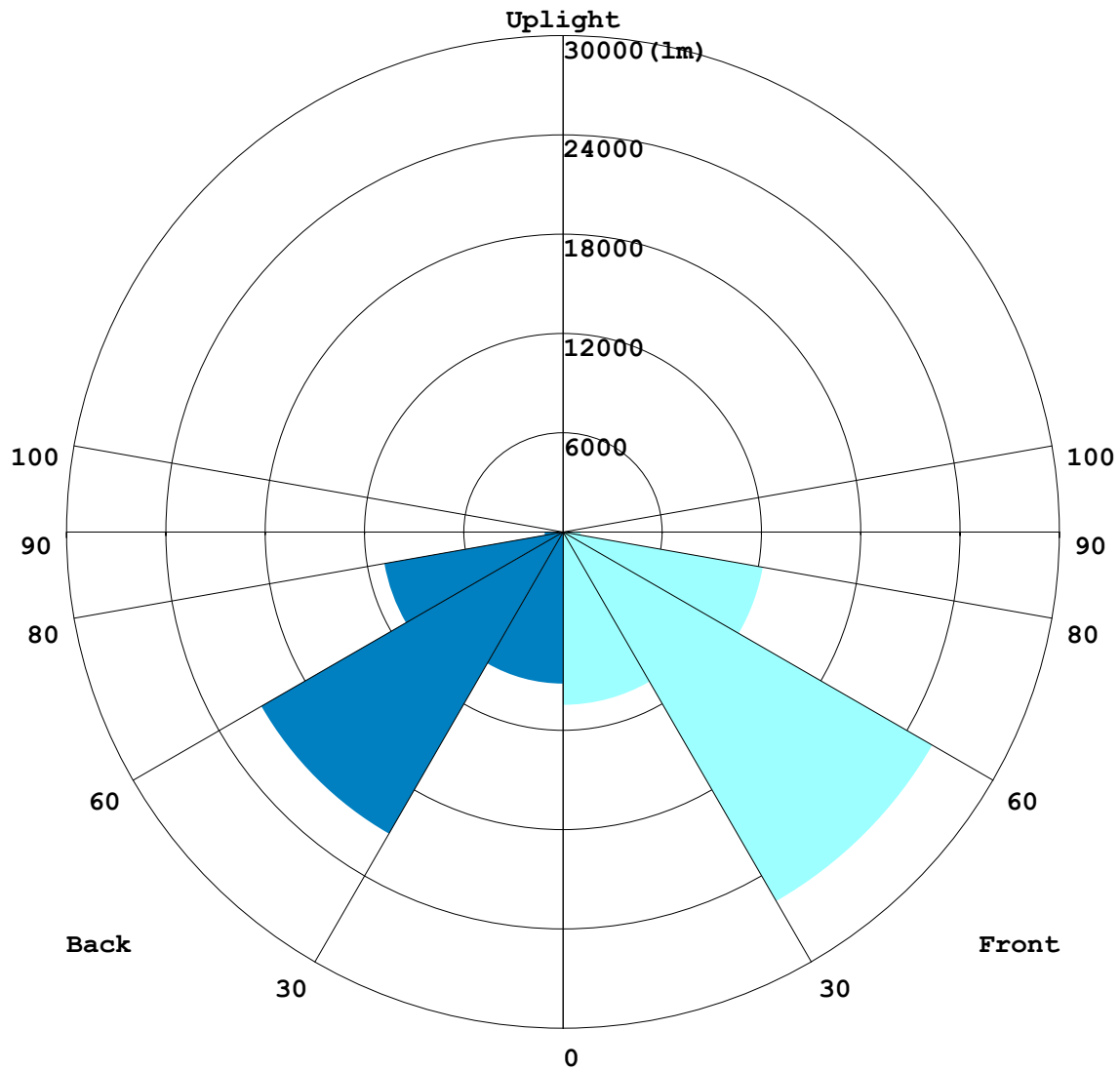
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2025-2-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

BUG REPORT

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	10449	11.4
FM - Front-Medium(30-60)	25768	28.0
FH - Front-High(60-80)	12265	13.3
FVH - Front-Very High(80-90)	1075.8	1.2
Total Forward Light	49558	53.9

BL - Back-Low(0-30)	9176.2	10.0
BM - Back-Medium(30-60)	21058	22.9
BH - Back-High(60-80)	10971	11.9
BVH - Back-Very High(80-90)	1111.3	1.2
Total Back Light	42316	46.1

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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	42316	0	42316
Street Side	49558	0	49558

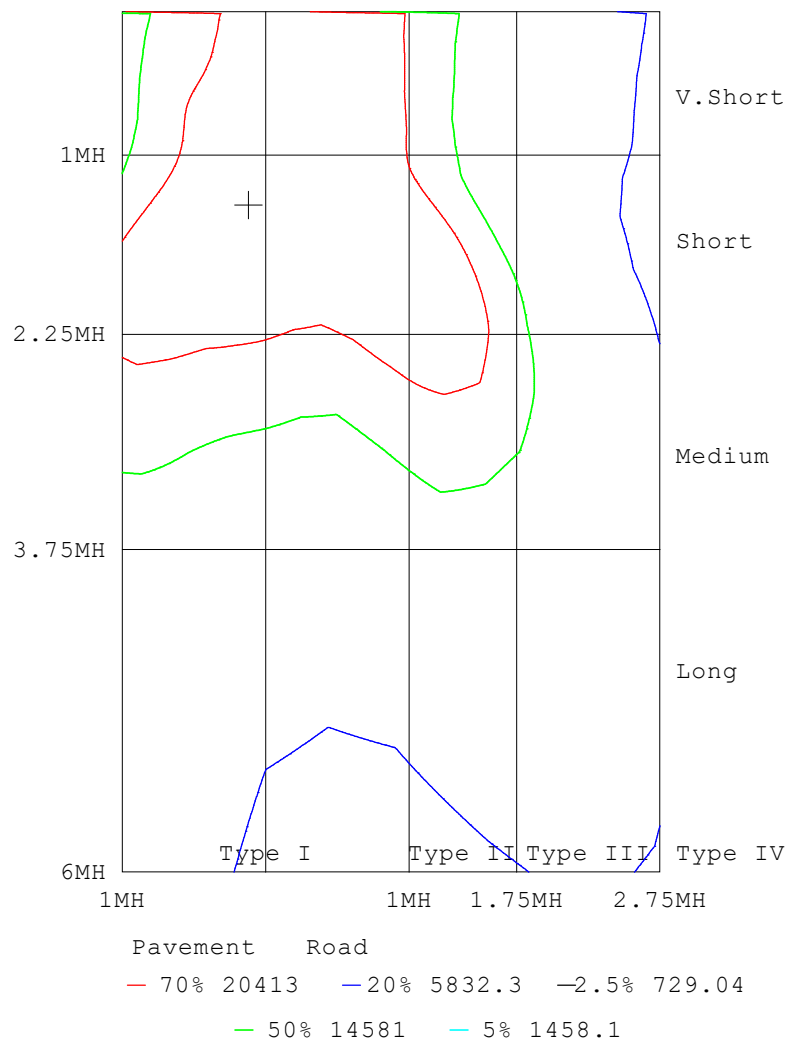
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2375	2376	2376	2377	2378	2378	2379	2379	2380	2379	2378	2379	2379	2377	2374	2373	2371	2368	2364
5	2371	2376	2382	2387	2392	2396	2400	2405	2409	2411	2413	2416	2418	2418	2417	2417	2416	2414	2411
10	2370	2381	2391	2400	2409	2416	2422	2428	2433	2436	2438	2441	2443	2444	2444	2444	2444	2442	2441
15	2379	2395	2409	2421	2432	2439	2445	2451	2455	2457	2458	2460	2461	2462	2461	2461	2460	2459	2459
20	2409	2429	2446	2459	2468	2472	2473	2475	2475	2473	2472	2470	2469	2467	2465	2463	2462	2461	2461
25	2475	2494	2507	2513	2513	2507	2498	2491	2484	2476	2470	2464	2459	2456	2454	2451	2449	2448	2449
30	2567	2578	2580	2571	2555	2534	2512	2491	2473	2460	2449	2441	2434	2430	2426	2421	2416	2416	2417
35	2631	2643	2641	2622	2593	2556	2516	2482	2453	2432	2416	2402	2390	2380	2371	2359	2350	2348	2349
40	2637	2663	2669	2653	2621	2575	2525	2479	2437	2406	2378	2348	2321	2296	2273	2247	2226	2219	2220
45	2636	2656	2655	2629	2589	2543	2493	2443	2394	2352	2307	2251	2194	2146	2101	2054	2016	2000	1996
50	2670	2652	2612	2545	2470	2408	2353	2307	2262	2212	2151	2060	1966	1892	1827	1765	1717	1694	1686
55	2687	2622	2542	2438	2334	2249	2179	2130	2079	2001	1903	1772	1644	1558	1492	1434	1391	1371	1362
60	2593	2510	2424	2334	2248	2183	2117	2041	1937	1770	1589	1432	1302	1226	1176	1130	1097	1081	1073
65	2326	2261	2229	2240	2266	2311	2294	2101	1832	1534	1259	1097	996	940	910	875	849	836	829
70	1834	1802	1837	1956	2106	2292	2353	2048	1630	1268	967	813	731	682	652	609	572	553	543
75	1244	1222	1276	1441	1612	1710	1696	1449	1137	894	695	567	482	429	391	347	313	299	295
80	720	700	737	864	983	993	934	788	622	503	406	330	271	229	199	177	162	153	149
85	330	316	334	406	469	457	408	332	252	199	158	124	97.8	83.2	73.5	62.0	52.5	47.2	44.7
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: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: X10cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2363	2363	2362	2361	2362	2363	2363	2362	2363	2364	2364	2364	2364	2365	2365	2366	2370	2375	2376
5	2411	2410	2409	2408	2409	2410	2409	2407	2406	2405	2403	2400	2397	2395	2391	2387	2386	2382	
10	2441	2441	2441	2442	2444	2446	2445	2445	2446	2447	2444	2441	2438	2434	2427	2419	2414	2408	2398
15	2459	2461	2463	2466	2470	2475	2479	2483	2488	2492	2495	2495	2495	2493	2485	2475	2465	2452	2435
20	2462	2465	2469	2474	2481	2489	2498	2508	2521	2533	2545	2555	2565	2571	2569	2562	2551	2533	2507
25	2450	2452	2457	2463	2471	2481	2494	2510	2530	2552	2577	2602	2628	2650	2664	2669	2665	2649	2617
30	2418	2420	2426	2434	2442	2454	2471	2493	2519	2551	2589	2630	2674	2714	2742	2759	2765	2755	2722
35	2351	2356	2368	2383	2399	2418	2442	2471	2507	2549	2600	2655	2712	2763	2797	2816	2817	2800	2766
40	2222	2232	2256	2287	2319	2354	2397	2443	2490	2540	2598	2658	2714	2764	2803	2827	2831	2813	2767
45	1995	2007	2043	2092	2143	2203	2278	2351	2406	2455	2508	2563	2620	2680	2747	2806	2845	2852	2804
50	1677	1684	1721	1778	1844	1927	2041	2152	2222	2278	2329	2386	2464	2554	2657	2757	2843	2894	2886
55	1349	1349	1374	1418	1474	1560	1704	1865	2012	2138	2216	2281	2364	2455	2555	2657	2757	2841	2908
60	1061	1056	1069	1096	1127	1192	1318	1506	1806	2107	2307	2432	2455	2441	2447	2472	2538	2626	2748
65	818	812	818	833	840	880	963	1151	1562	2030	2468	2751	2630	2385	2221	2113	2129	2201	2284
70	533	533	550	573	583	617	695	853	1160	1538	2005	2341	2240	1983	1738	1544	1535	1590	1619
75	287	287	303	327	350	389	451	547	693	874	1110	1311	1393	1369	1167	961	931	986	1127
80	146	147	152	161	176	199	230	272	327	399	505	610	697	731	629	514	480	526	754
85	44.0	45.3	49.3	54.0	56.0	59.8	68.5	83.2	107	138	177	219	266	289	236	174	151	179	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: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm		
NAME: ASD-LSB5B-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--3

UNIT: X10cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2376	2377	2378	2378	2379	2379	2380	2379	2378	2379	2379	2377	2374	2373	2371	2368	2364	2363	2363
5	2377	2372	2367	2361	2356	2351	2346	2340	2333	2329	2325	2318	2312	2308	2304	2298	2293	2292	2293
10	2387	2374	2360	2345	2331	2318	2304	2289	2275	2264	2254	2241	2230	2223	2217	2208	2201	2200	2201
15	2414	2390	2364	2337	2311	2285	2259	2233	2209	2189	2170	2151	2134	2123	2113	2102	2094	2093	2094
20	2474	2434	2390	2345	2300	2257	2215	2174	2138	2107	2081	2054	2032	2015	2001	1987	1977	1976	1979
25	2570	2508	2439	2369	2299	2233	2171	2114	2064	2023	1988	1955	1926	1903	1884	1867	1855	1854	1859
30	2669	2589	2495	2397	2300	2210	2128	2055	1992	1942	1900	1857	1819	1787	1760	1736	1720	1721	1732
35	2712	2633	2536	2421	2302	2195	2097	2006	1926	1861	1804	1747	1696	1654	1619	1589	1570	1574	1591
40	2701	2622	2525	2402	2272	2157	2046	1933	1830	1745	1671	1602	1543	1499	1465	1435	1418	1423	1442
45	2719	2600	2461	2313	2165	2035	1909	1774	1649	1554	1477	1411	1361	1329	1308	1287	1275	1280	1297
50	2815	2656	2458	2262	2069	1892	1727	1566	1429	1336	1271	1222	1191	1178	1172	1160	1152	1158	1172
55	2911	2778	2574	2331	2068	1806	1565	1369	1220	1137	1091	1063	1052	1055	1061	1049	1040	1050	1066
60	2837	2832	2729	2487	2166	1785	1425	1189	1032	958	931	912	908	913	920	912	906	919	936
65	2375	2486	2532	2425	2189	1751	1301	1029	857	791	777	757	747	745	745	740	738	750	764
70	1674	1815	1927	1911	1775	1434	1066	839	691	634	615	576	541	512	490	473	467	482	508
75	1266	1306	1284	1200	1069	884	702	585	503	453	417	366	320	294	280	275	277	283	297
80	960	928	799	623	449	363	314	282	263	250	236	206	178	169	169	169	172	175	181
85	476	425	315	223	145	114	101	87.5	79.9	82.2	86.0	81.8	76.8	75.8	75.8	74.4	74.5	78.7	85.0
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: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:116.86V I:4.2497A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:91874x1 lm																	
NAME: ASD-LSB5B-NEOX-500BR									TYPE: NEOX T3						WEIGHT:		
SPEC.: 500W 5000K									DIM.:						SERIAL No.:		
MFR.: ASD LIGHTING CORP									SUR.:						Shielding Angle:		

Table--4

UNIT: X10cd

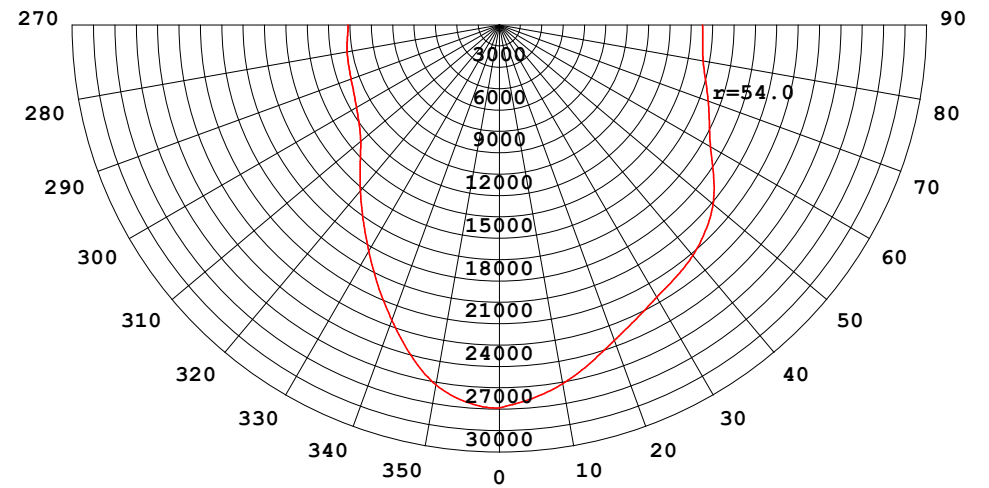
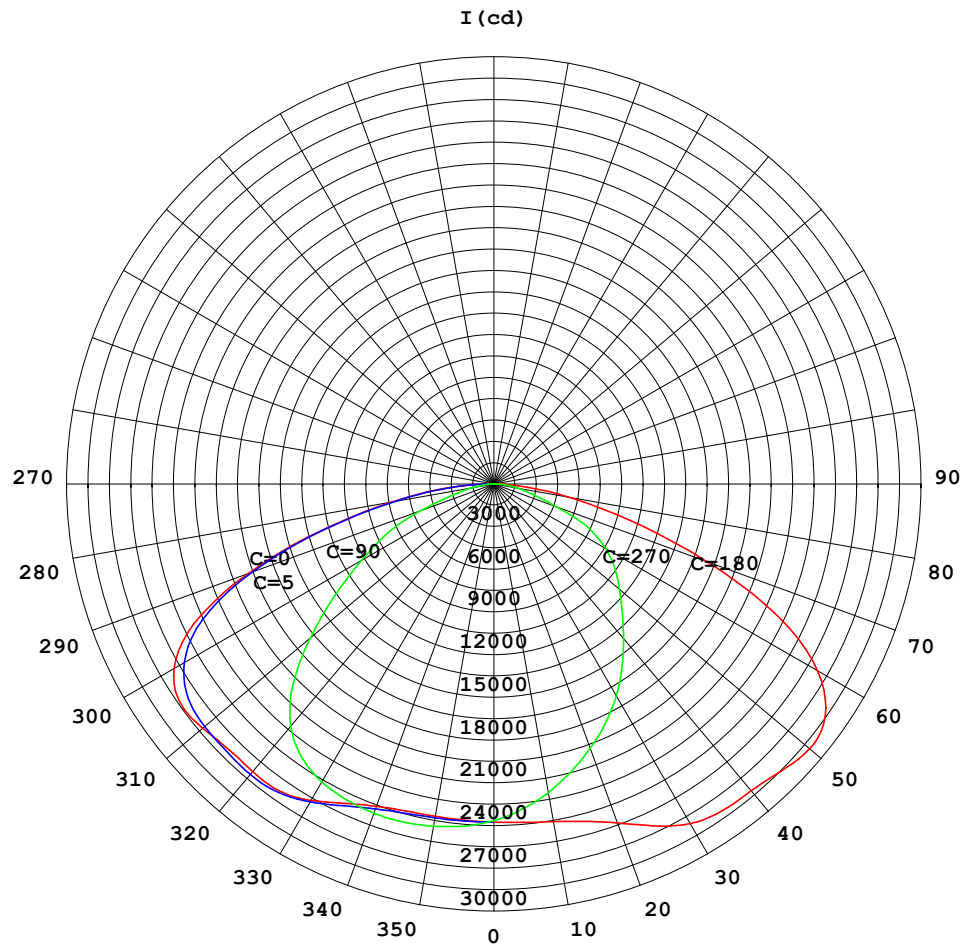
C (DEG) γ (DEG)																				
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
0	2362	2361	2362	2363	2363	2362	2363	2364	2364	2364	2364	2365	2365	2366	2369					
5	2292	2292	2295	2299	2302	2304	2310	2316	2321	2325	2331	2338	2344	2350	2359					
10	2201	2203	2210	2219	2226	2233	2245	2259	2270	2282	2296	2310	2324	2337	2353					
15	2097	2102	2112	2126	2139	2155	2174	2195	2217	2238	2262	2285	2307	2330	2354					
20	1984	1993	2009	2028	2048	2072	2101	2132	2165	2199	2234	2271	2306	2341	2375					
25	1869	1884	1907	1933	1961	1992	2030	2072	2119	2169	2223	2278	2332	2384	2432					
30	1750	1775	1807	1842	1877	1916	1962	2015	2078	2148	2225	2305	2385	2459	2518					
35	1617	1652	1697	1746	1793	1843	1900	1966	2045	2134	2233	2335	2435	2523	2587					
40	1471	1511	1563	1624	1686	1755	1834	1921	2016	2119	2232	2342	2440	2524	2589					
45	1320	1354	1402	1462	1531	1612	1715	1826	1933	2044	2165	2285	2392	2489	2569					
50	1186	1207	1241	1287	1345	1423	1534	1660	1783	1914	2061	2213	2367	2504	2603					
55	1075	1086	1103	1130	1170	1236	1348	1487	1646	1822	2017	2216	2416	2579	2665					
60	944	953	964	983	1011	1067	1171	1324	1543	1795	2065	2311	2485	2595	2630					
65	775	787	806	832	856	908	1006	1176	1485	1831	2151	2395	2457	2435	2399					
70	541	581	626	672	698	750	858	1042	1375	1715	1949	2068	1963	1816	1791					
75	322	358	411	471	520	584	680	819	1051	1276	1409	1460	1369	1255	1225					
80	187	203	240	286	329	377	433	500	581	672	782	866	866	828	783					
85	91.7	101	115	130	137	144	151	162	177	212	300	401	507	561	494					
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: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

FLUX DATA:

LOR:	100.0 %
STREET DOWN:	49558 lm
STREET UP:	0 lm
HOUSE DOWN:	42316 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 29156 \text{ cd}$

