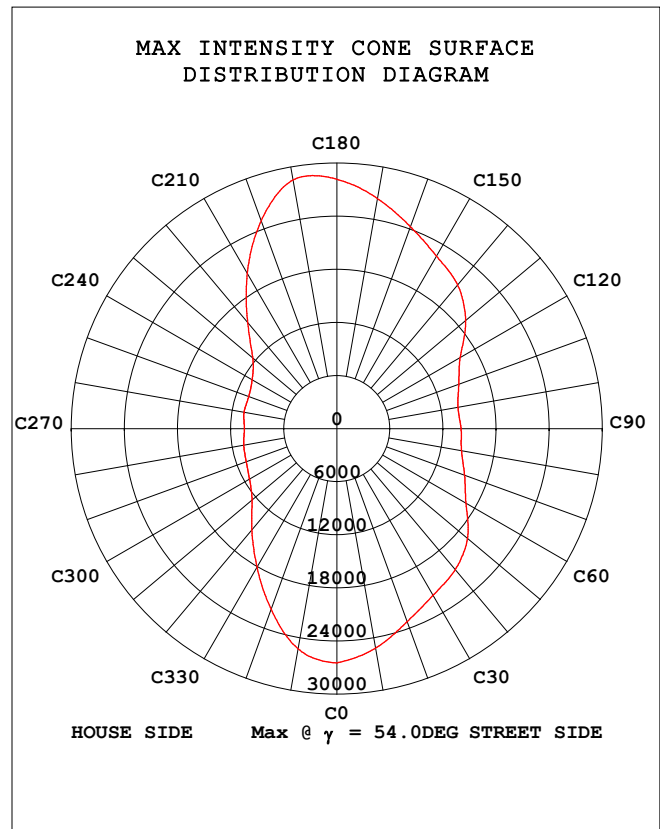
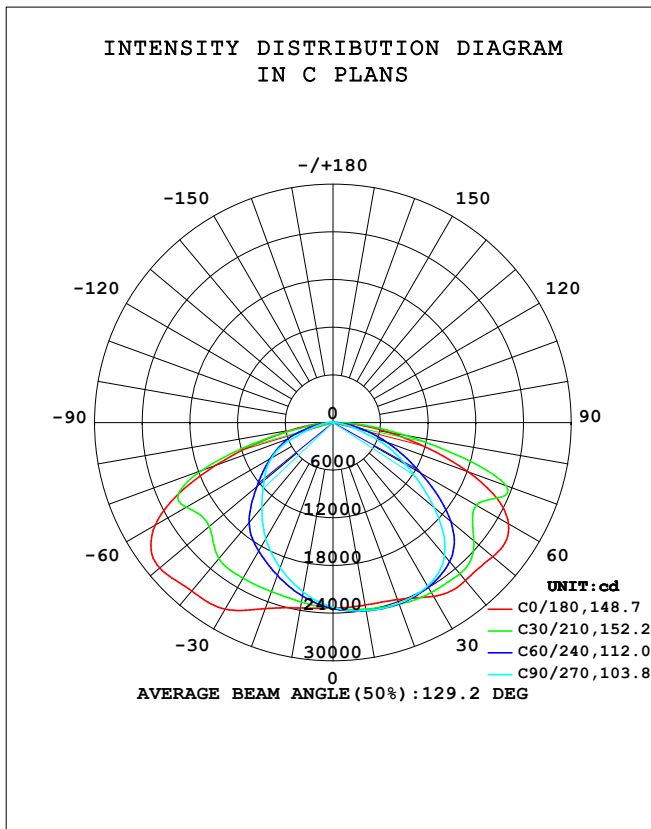


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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: 182.20 lm/W			
MODEL	ASD-LSB5BHV-NEOX-500BR	I _{max} (cd)	28696	η street_up (%)	0.0
NOMINAL POWER (W)	500	LOR (%)	100.0	η street_down (%)	53.9
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	90423	η house_up (%)	0.0
NOMINAL FLUX (lm)	90422.5	MAXIMUM @ (C, γ)	185,54.0	η house_down (%)	46.1
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	100.0	SLI	

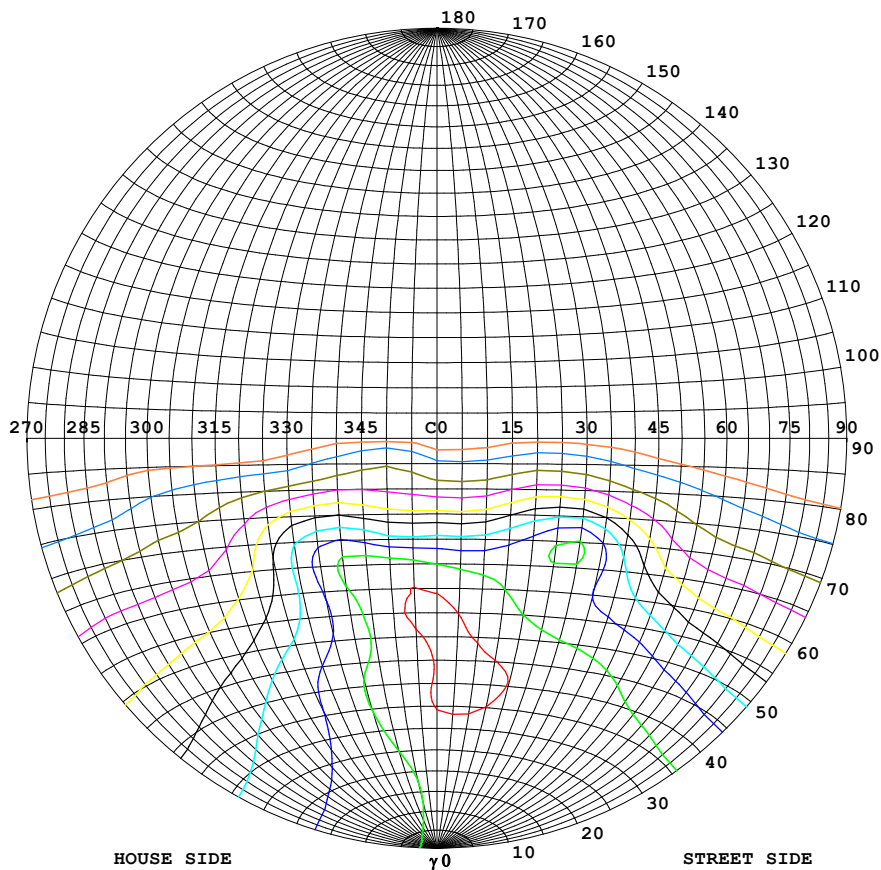


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



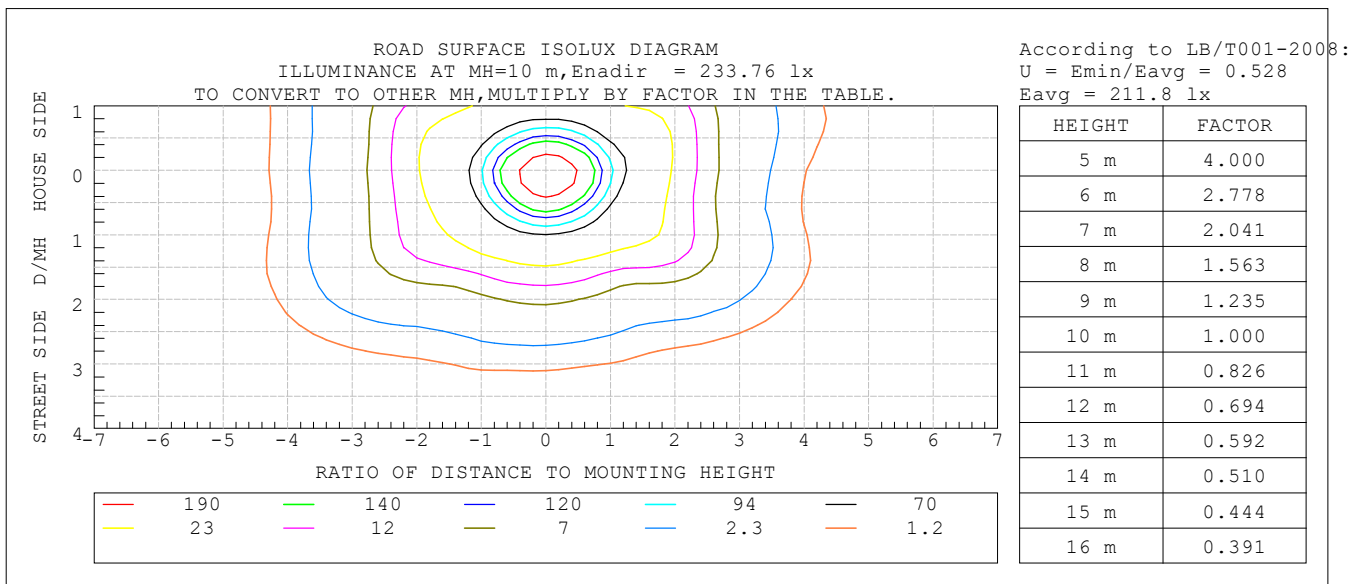
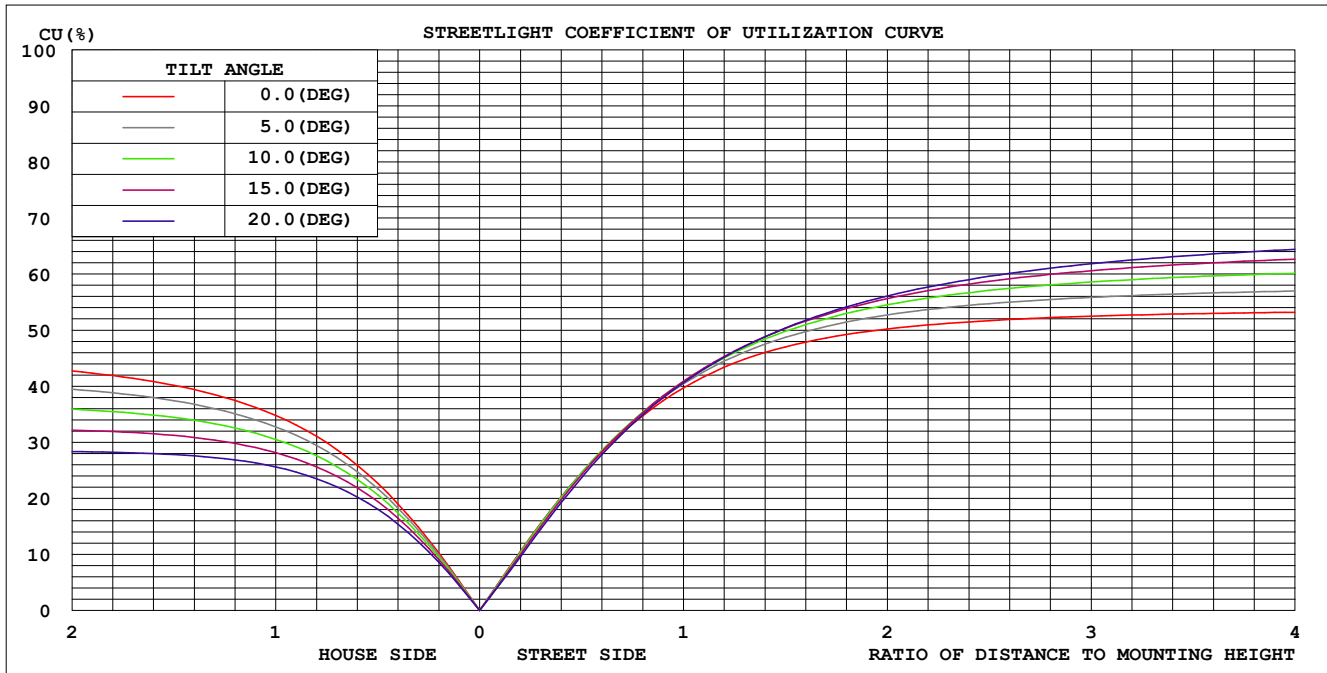
Classification:

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%	28696
90%	25826
80%	22957
70%	20087
60%	17217
50%	14348
40%	11478
30%	8609
20%	5739
10%	2870
5%	1435

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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

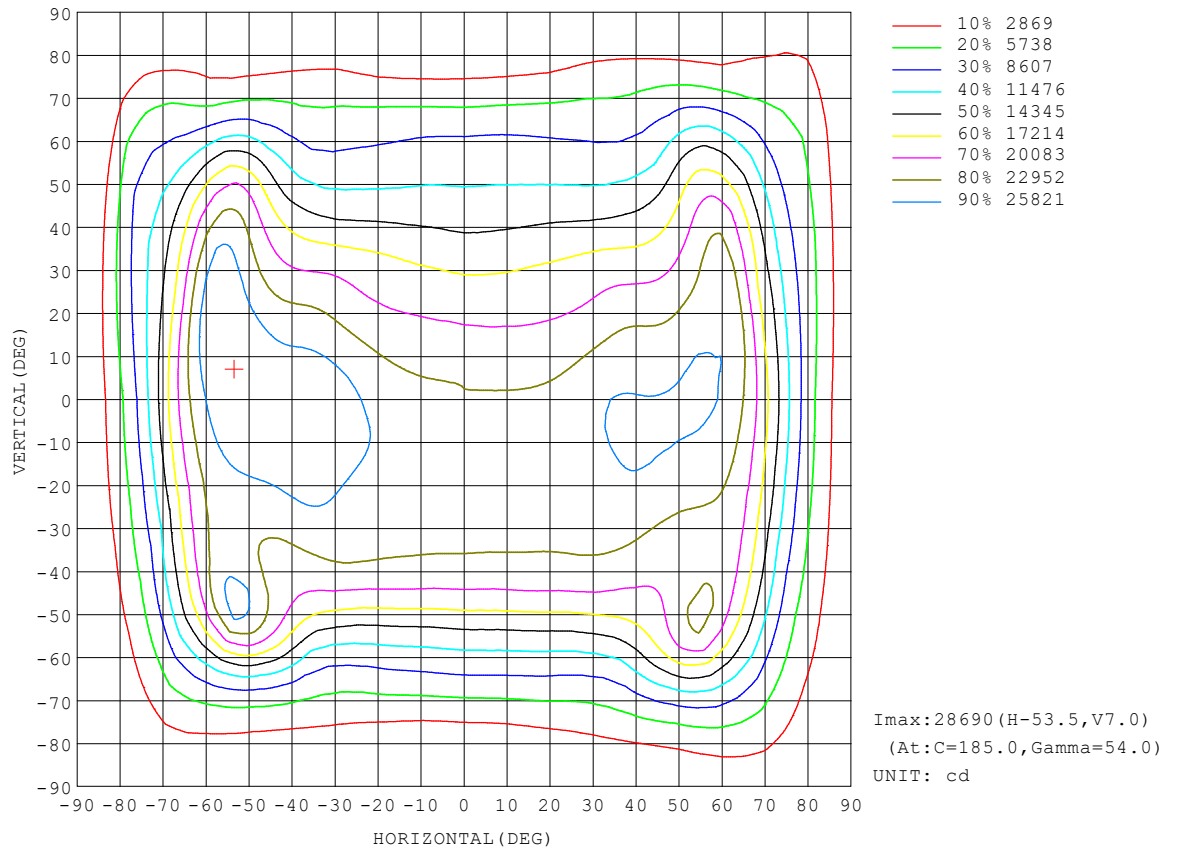
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2333	2397	2402	2407	2370	2253	2166	2210	0- 10	2219	2219	2.45,2.45
20	2371	2434	2422	2481	2493	2140	1946	2067	10- 20	6530	8749	9.68,9.68
30	2526	2421	2379	2479	2711	2023	1693	1931	20- 30	10566	19315	21.4,21.4
40	2595	2368	2185	2451	2768	1903	1396	1805	30- 40	14039	33354	36.9,36.9
50	2628	2177	1659	2187	2849	1542	1133	1509	40- 50	16027	49381	54.6,54.6
60	2552	1742	1057	1777	2584	1170	891.8	1153	50- 60	16020	65401	72.3,72.3
70	1805	1248	534.0	1141	1565	825.4	459.6	844.9	60- 70	14463	79864	88.3,88.3
80	708.9	495.2	146.4	321.4	518.1	277.7	169.3	426.2	70- 80	8406	88270	97.6,97.6
90	0	0	0	0	0	0	0	0	80- 90	2153	90423	100,100
100	0	0	0	0	0	0	0	0	90-100	0	90423	100,100
110	0	0	0	0	0	0	0	0	100-110	0	90423	100,100
120	0	0	0	0	0	0	0	0	110-120	0	90423	100,100
130	0	0	0	0	0	0	0	0	120-130	0	90423	100,100
140	0	0	0	0	0	0	0	0	130-140	0	90423	100,100
150	0	0	0	0	0	0	0	0	140-150	0	90423	100,100
160	0	0	0	0	0	0	0	0	150-160	0	90423	100,100
170	0	0	0	0	0	0	0	0	160-170	0	90423	100,100
180	0	0	0	0	0	0	0	0	170-180	0	90423	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

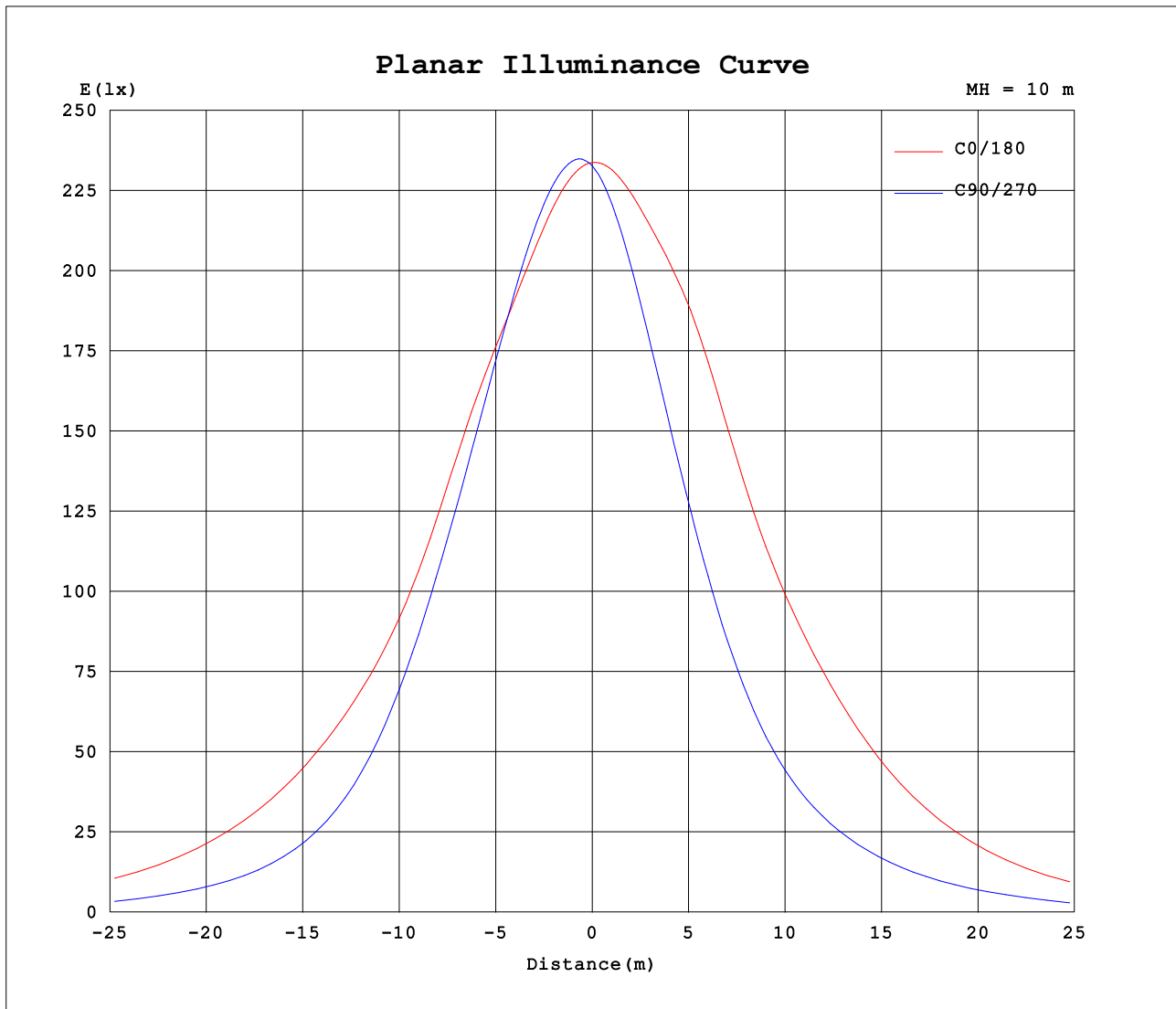
Test:U:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



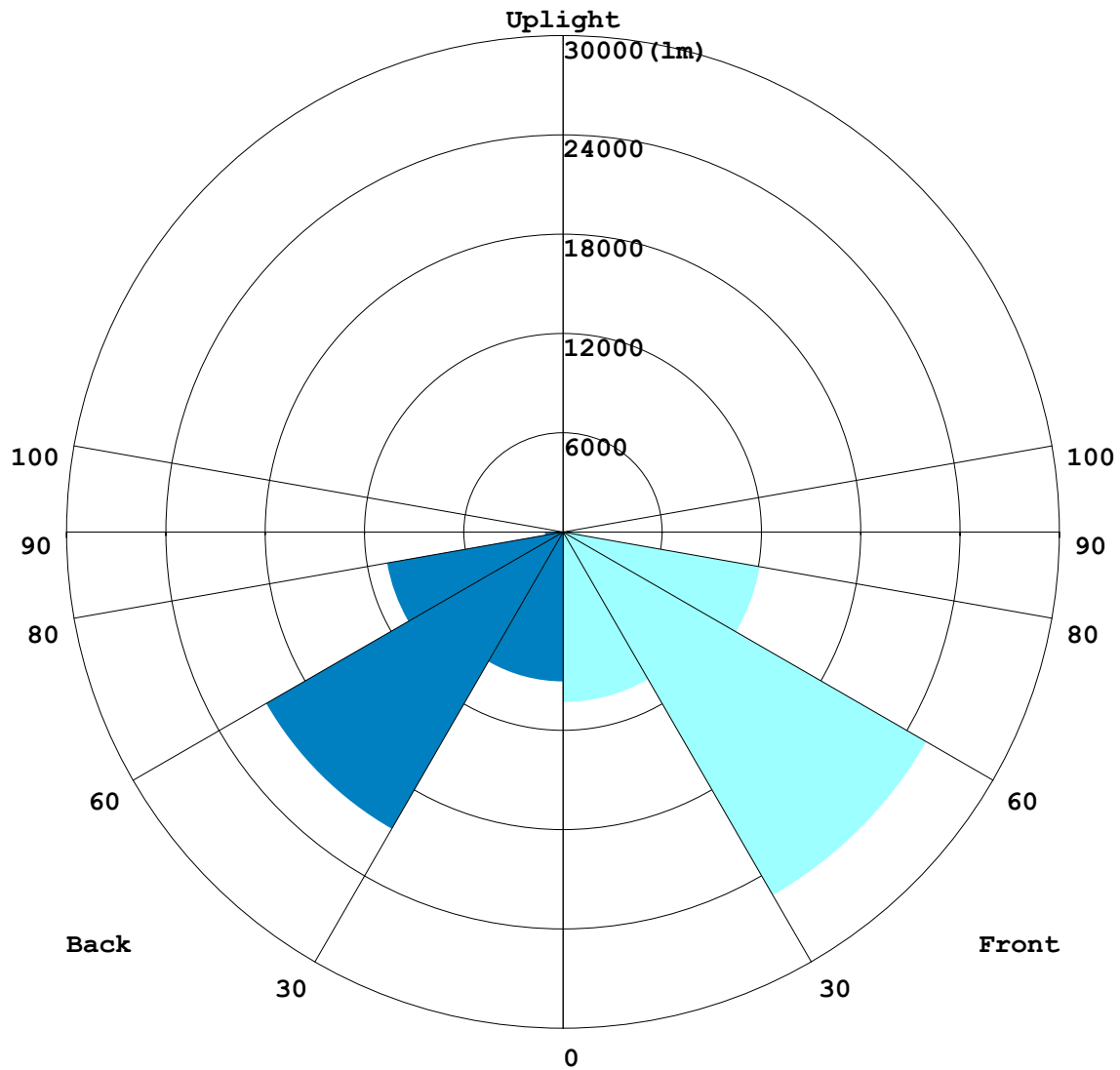
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-500BR	TYPE: NEOX 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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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)	10284	11.4
FM - Front-Medium(30-60)	25361	28.0
FH - Front-High(60-80)	12071	13.3
FVH - Front-Very High(80-90)	1058.8	1.2
Total Forward Light	48775	53.9

BL - Back-Low(0-30)	9031.2	10.0
BM - Back-Medium(30-60)	20725	22.9
BH - Back-High(60-80)	10798	11.9
BVH - Back-Very High(80-90)	1093.7	1.2
Total Back Light	41648	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	41648	0	41648
Street Side	48775	0	48775

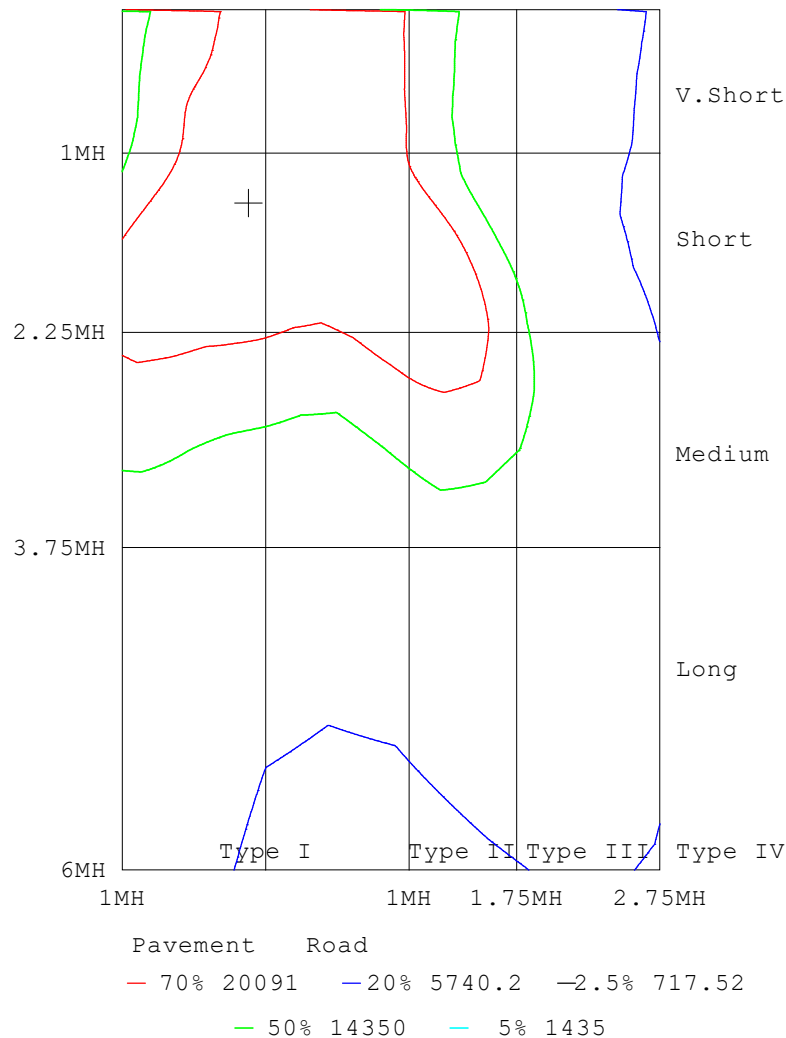
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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	2338	2338	2339	2339	2340	2341	2341	2342	2342	2342	2341	2341	2341	2339	2337	2335	2334	2330	2327
5	2333	2339	2344	2350	2355	2359	2362	2367	2371	2373	2375	2377	2379	2380	2379	2379	2378	2376	2373
10	2333	2343	2353	2363	2371	2378	2383	2389	2394	2397	2400	2402	2405	2406	2406	2406	2405	2403	2402
15	2341	2357	2371	2383	2393	2400	2406	2412	2416	2418	2419	2421	2422	2423	2423	2422	2421	2420	2420
20	2371	2391	2407	2420	2429	2433	2434	2435	2436	2434	2433	2431	2430	2428	2426	2425	2423	2422	2422
25	2436	2455	2468	2473	2473	2467	2459	2452	2444	2437	2431	2425	2421	2418	2415	2412	2410	2409	2410
30	2526	2537	2539	2531	2515	2494	2472	2452	2434	2421	2411	2402	2395	2391	2388	2382	2378	2378	2379
35	2589	2601	2599	2581	2552	2515	2477	2443	2415	2394	2378	2364	2352	2342	2333	2322	2313	2311	2312
40	2595	2621	2627	2611	2580	2535	2485	2440	2399	2368	2340	2311	2284	2260	2237	2212	2191	2184	2185
45	2594	2614	2613	2587	2548	2502	2453	2404	2357	2315	2271	2215	2159	2112	2068	2022	1984	1968	1965
50	2628	2610	2571	2504	2430	2370	2316	2271	2227	2177	2117	2028	1935	1862	1798	1737	1690	1668	1659
55	2644	2581	2502	2400	2297	2214	2144	2097	2047	1969	1873	1744	1618	1533	1468	1411	1369	1350	1341
60	2552	2470	2386	2297	2212	2148	2084	2008	1906	1742	1564	1409	1282	1207	1158	1112	1080	1064	1057
65	2289	2225	2194	2204	2230	2275	2258	2068	1804	1509	1239	1080	980	925	895	861	836	823	816
70	1805	1774	1808	1925	2073	2256	2316	2016	1604	1248	952	800	719	671	642	599	563	544	534
75	1224	1202	1256	1418	1586	1683	1669	1426	1119	880	684	558	475	422	385	342	308	294	290
80	709	689	725	850	968	978	919	776	612	495	400	325	267	225	195	174	160	151	146
85	325	311	329	399	462	450	402	327	248	196	156	122	96.3	81.9	72.4	61.0	51.6	46.5	44.0
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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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	2326	2326	2324	2324	2325	2326	2325	2325	2326	2327	2327	2327	2327	2328	2328	2328	2333	2338	2339
5	2373	2372	2371	2370	2371	2372	2371	2369	2368	2367	2365	2362	2360	2357	2353	2349	2349	2348	2344
10	2402	2402	2403	2404	2406	2407	2407	2406	2407	2408	2406	2403	2400	2395	2388	2381	2376	2370	2360
15	2421	2422	2424	2427	2431	2436	2440	2444	2449	2453	2455	2456	2456	2453	2446	2435	2426	2414	2397
20	2423	2426	2430	2435	2442	2450	2459	2469	2481	2493	2505	2515	2525	2530	2529	2521	2510	2493	2468
25	2411	2414	2418	2424	2432	2442	2455	2471	2490	2512	2536	2561	2586	2608	2621	2627	2623	2608	2575
30	2379	2382	2388	2396	2404	2415	2432	2453	2479	2511	2548	2589	2632	2671	2699	2715	2721	2711	2679
35	2314	2319	2330	2345	2361	2380	2403	2432	2467	2509	2559	2613	2669	2719	2753	2771	2772	2756	2722
40	2187	2197	2221	2251	2282	2317	2359	2405	2451	2500	2557	2616	2671	2720	2759	2782	2786	2768	2724
45	1964	1975	2011	2059	2109	2168	2242	2314	2368	2416	2468	2522	2579	2638	2704	2761	2800	2807	2760
50	1650	1657	1694	1750	1815	1896	2009	2118	2187	2242	2292	2348	2425	2513	2615	2713	2798	2849	2840
55	1328	1328	1352	1396	1451	1535	1677	1835	1980	2104	2181	2245	2327	2416	2515	2615	2714	2796	2862
60	1044	1039	1052	1079	1109	1173	1297	1483	1777	2074	2270	2394	2416	2402	2409	2433	2498	2584	2705
65	805	799	806	820	827	866	948	1133	1538	1998	2429	2707	2588	2348	2186	2080	2096	2166	2248
70	525	524	541	564	573	607	684	839	1141	1513	1973	2304	2204	1951	1711	1520	1510	1565	1594
75	283	282	298	322	345	382	444	539	682	860	1092	1291	1371	1347	1148	946	916	971	1109
80	144	145	149	158	173	196	226	267	321	393	497	601	686	720	619	506	472	518	742
85	43.3	44.6	48.5	53.1	55.1	58.9	67.4	81.9	105	136	174	215	262	285	232	172	148	176	332
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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-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	2339	2339	2340	2341	2341	2342	2342	2342	2341	2341	2341	2339	2337	2335	2334	2330	2327	2326	2326
5	2339	2334	2330	2324	2319	2314	2309	2303	2296	2292	2288	2282	2275	2272	2268	2262	2257	2256	2256
10	2349	2336	2323	2308	2294	2281	2268	2253	2239	2228	2218	2206	2195	2188	2182	2173	2166	2165	2167
15	2376	2352	2327	2300	2274	2249	2223	2198	2174	2154	2136	2117	2101	2089	2080	2069	2061	2059	2061
20	2435	2396	2353	2308	2264	2221	2180	2140	2104	2074	2048	2022	2000	1983	1969	1956	1946	1945	1948
25	2529	2469	2401	2332	2263	2197	2136	2080	2031	1991	1957	1924	1896	1873	1855	1837	1825	1824	1830
30	2626	2548	2455	2359	2263	2175	2094	2023	1961	1912	1870	1828	1790	1759	1732	1708	1693	1694	1704
35	2669	2592	2496	2383	2265	2160	2063	1974	1896	1832	1776	1720	1669	1628	1594	1564	1545	1549	1566
40	2659	2580	2485	2364	2236	2123	2013	1903	1801	1717	1645	1577	1518	1475	1442	1413	1396	1400	1419
45	2676	2559	2422	2276	2131	2003	1879	1746	1623	1530	1454	1389	1339	1308	1288	1267	1255	1260	1277
50	2771	2614	2419	2226	2036	1862	1700	1542	1406	1315	1250	1203	1172	1159	1154	1141	1133	1140	1153
55	2865	2734	2533	2294	2035	1778	1540	1347	1201	1119	1074	1046	1035	1039	1044	1033	1023	1034	1049
60	2793	2787	2686	2448	2132	1757	1403	1170	1016	943	916	898	894	899	905	897	892	904	921
65	2338	2447	2492	2387	2154	1723	1280	1013	844	779	764	745	736	733	733	728	727	738	752
70	1647	1786	1896	1881	1747	1411	1049	825	680	624	605	567	532	504	482	465	460	474	500
75	1246	1285	1263	1181	1052	870	691	575	495	446	410	360	315	290	276	271	273	279	292
80	944	914	787	613	442	358	309	278	259	246	232	202	175	167	166	167	169	173	178
85	468	418	310	219	143	112	99.7	86.1	78.7	80.9	84.6	80.5	75.6	74.6	74.6	73.2	73.3	77.5	83.7
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:276.86V I:1.7937A P:496.27W PF:0.9994 Freq:50.03Hz Lamp Flux:90422.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-500BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 500W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

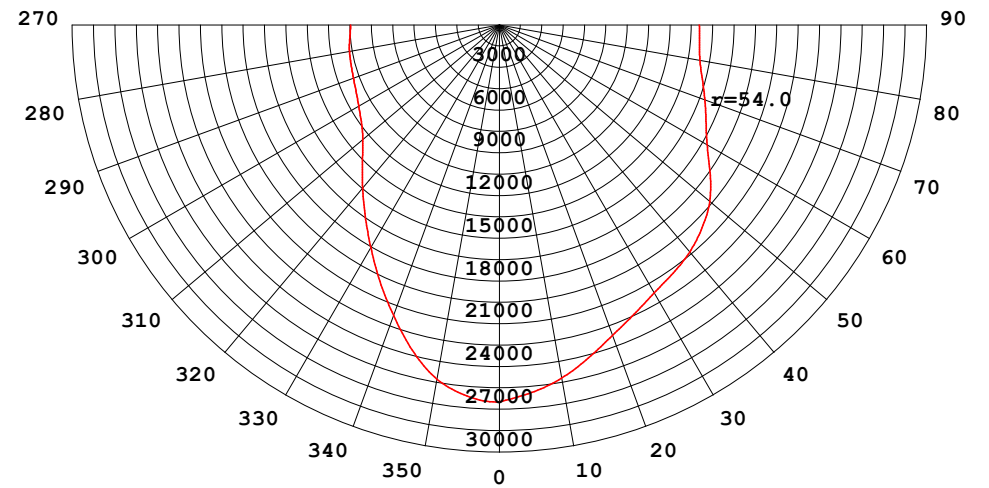
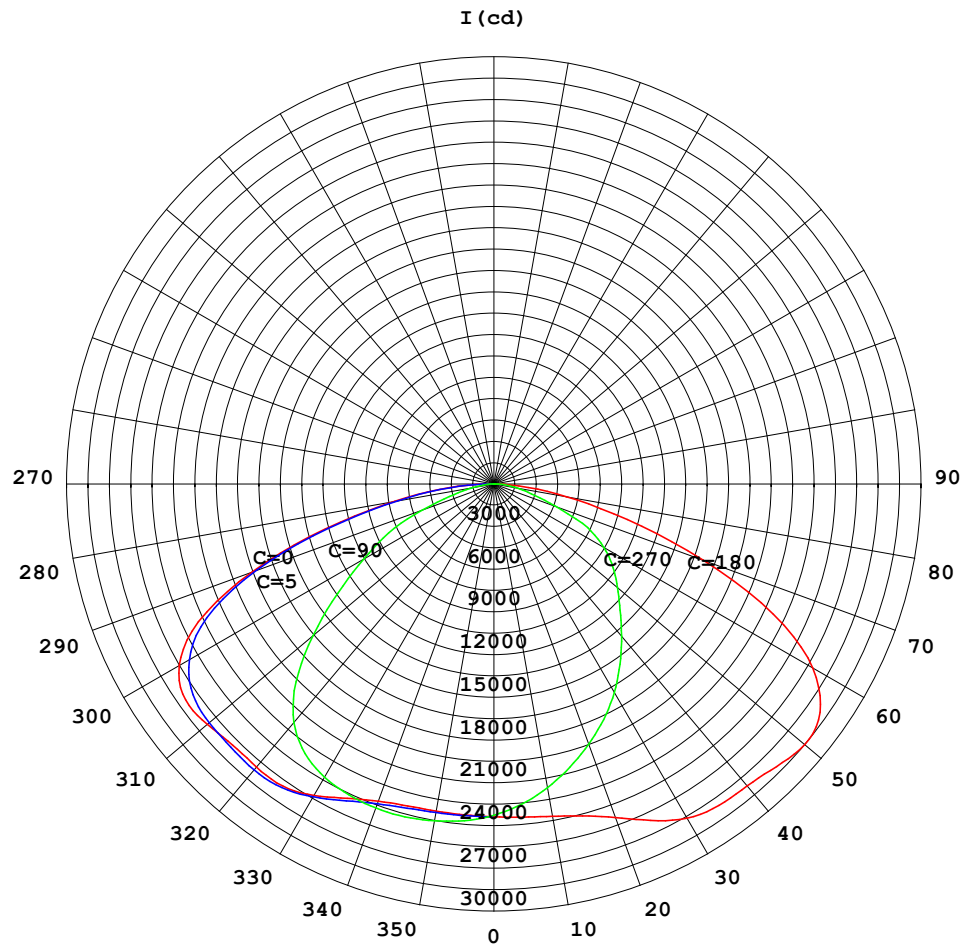
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2324	2324	2325	2326	2325	2325	2326	2327	2327	2327	2327	2328	2328	2328	2332				
5	2256	2256	2259	2263	2265	2268	2273	2279	2284	2289	2295	2301	2307	2313	2322				
10	2166	2168	2175	2184	2190	2198	2210	2223	2235	2246	2260	2274	2287	2301	2316				
15	2063	2068	2079	2092	2105	2121	2140	2161	2182	2203	2226	2249	2271	2293	2317				
20	1952	1961	1977	1996	2016	2039	2067	2099	2131	2164	2199	2235	2269	2304	2338				
25	1840	1855	1877	1903	1930	1960	1998	2040	2086	2135	2188	2242	2295	2347	2393				
30	1722	1747	1778	1813	1848	1886	1931	1984	2045	2114	2190	2269	2347	2420	2479				
35	1592	1626	1670	1718	1764	1814	1870	1935	2013	2100	2198	2298	2396	2483	2546				
40	1448	1487	1539	1598	1659	1727	1805	1891	1984	2085	2196	2305	2402	2484	2548				
45	1299	1333	1380	1439	1507	1587	1688	1797	1903	2012	2131	2248	2355	2449	2529				
50	1167	1188	1221	1267	1324	1400	1509	1634	1755	1884	2028	2178	2329	2465	2562				
55	1058	1069	1085	1112	1152	1217	1326	1464	1620	1793	1985	2181	2377	2538	2623				
60	929	938	948	967	995	1051	1153	1303	1519	1767	2032	2274	2446	2554	2588				
65	763	775	794	819	842	893	990	1158	1462	1802	2118	2357	2418	2397	2361				
70	533	571	616	661	687	738	845	1025	1353	1688	1919	2035	1932	1787	1763				
75	317	352	405	464	512	574	669	806	1034	1256	1387	1437	1348	1235	1206				
80	184	200	236	282	324	371	426	492	572	661	770	853	852	815	770				
85	90.3	99.1	114	128	135	141	148	160	174	209	295	395	499	552	486				
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:	48775 lm
STREET UP:	0 lm
HOUSE DOWN:	41648 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 28696 \text{ cd}$

