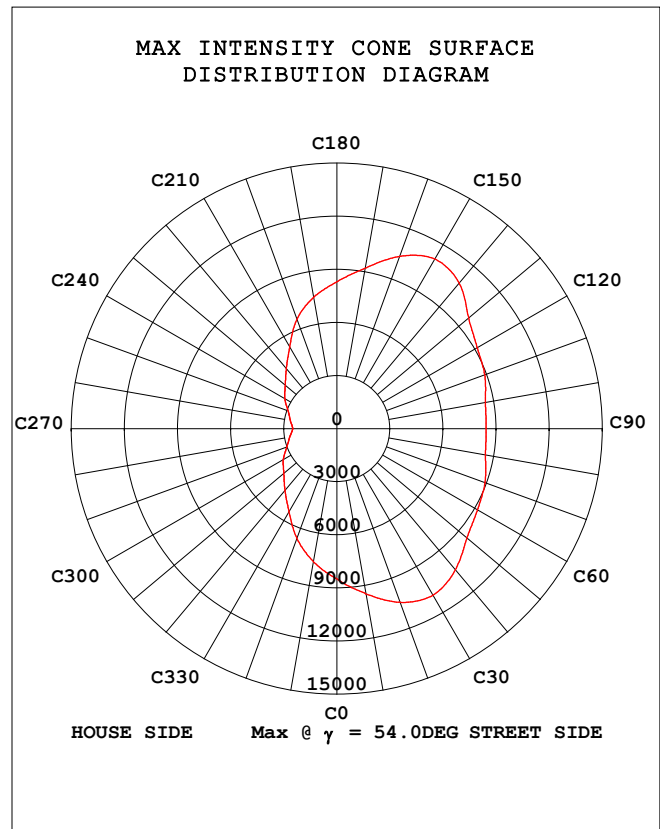
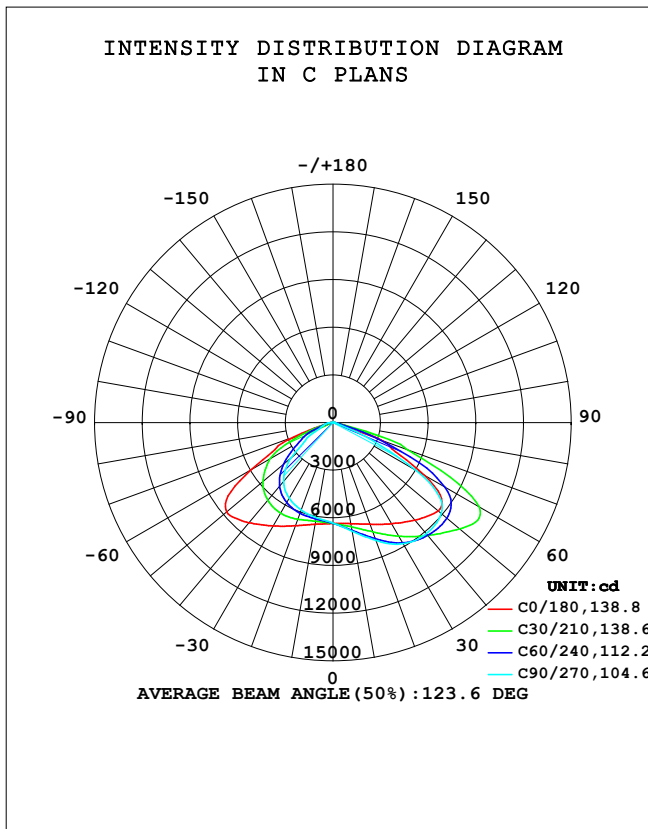


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 185.49 lm/W			
MODEL	ASD-LSB5BHV-NEOX-150BR	I _{max} (cd)	11070	η street_up (%)	0.0
NOMINAL POWER (W)	150	LOR (%)	100.0	η street_down (%)	61.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	27901	η house_up (%)	0.0
NOMINAL FLUX (lm)	27901.5	MAXIMUM @ (C, γ)	150,54.0	η house_down (%)	38.3
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	

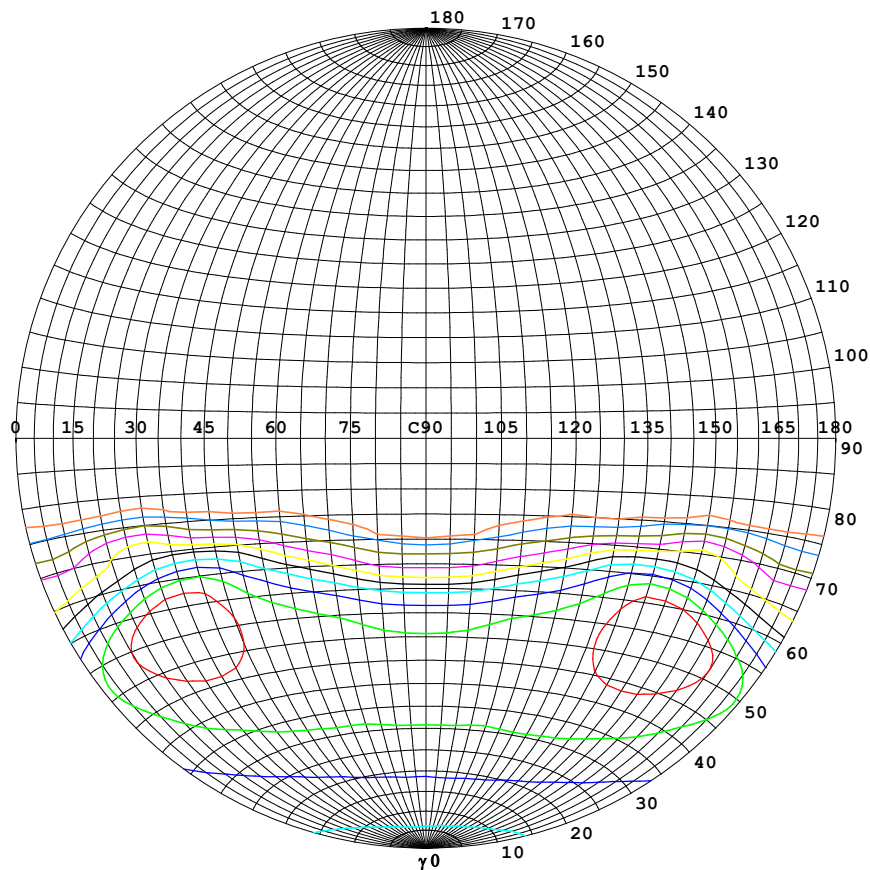


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



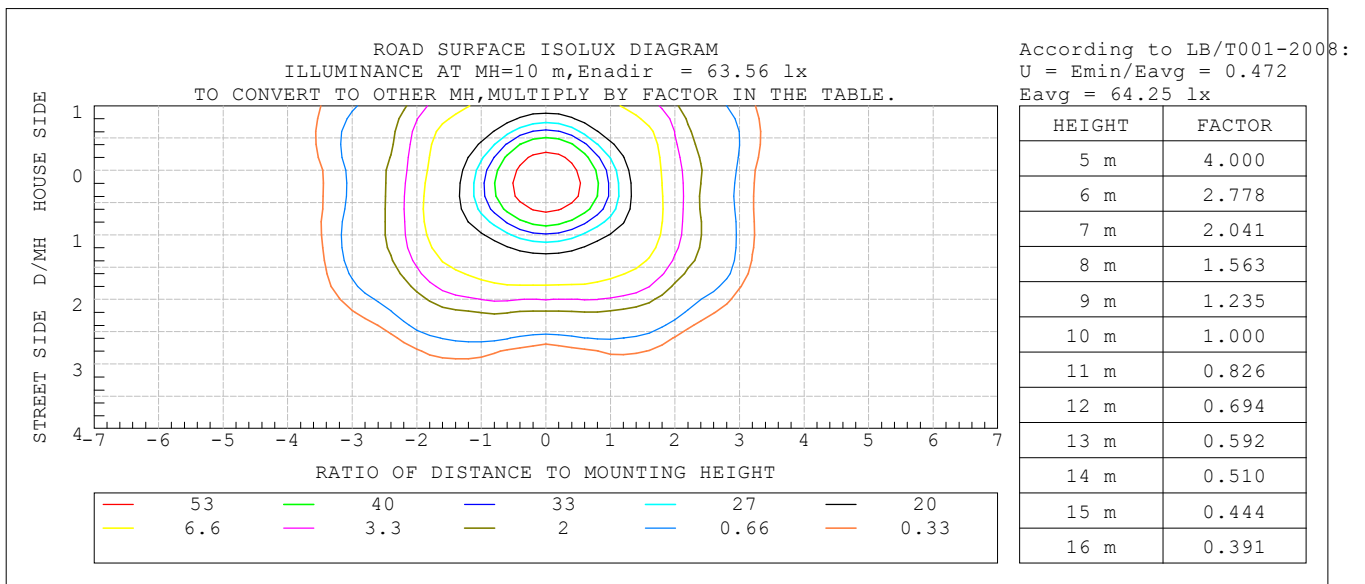
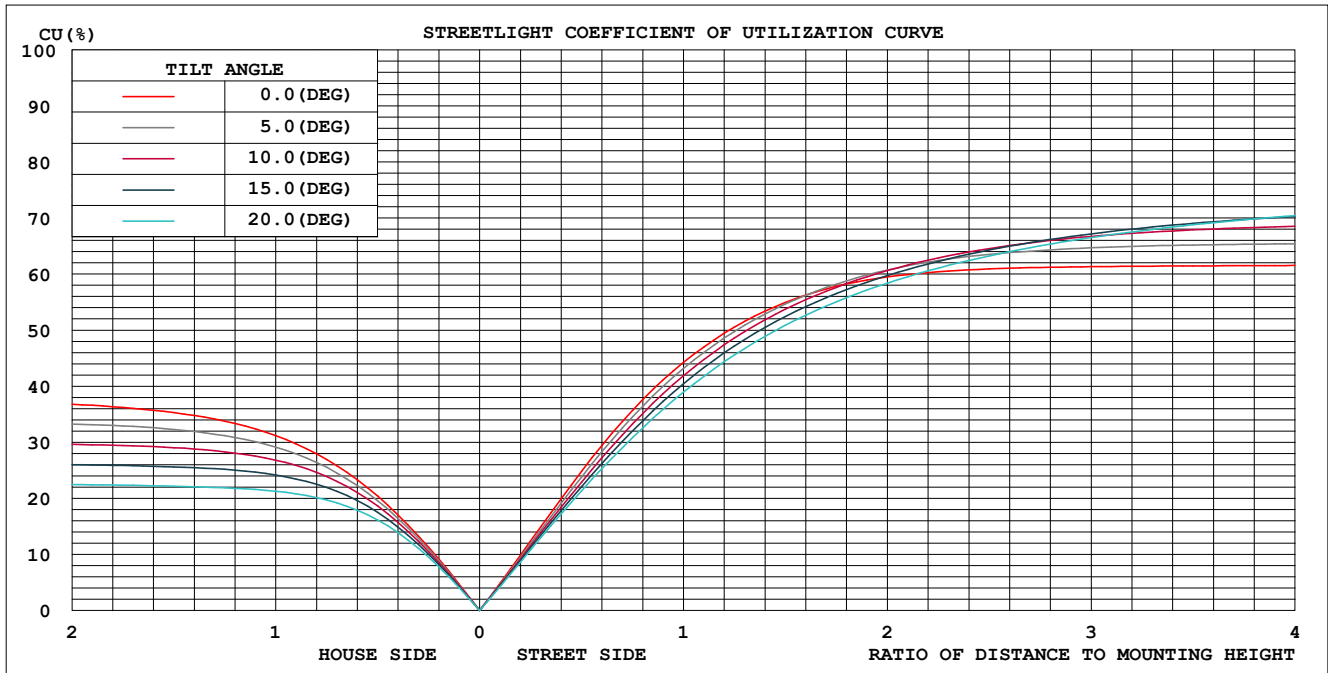
Classification:

IES:Type III - Short
CIE:Average - Short
IES:Full cut-off
CIE:Full cut-off
Max.At80:16.59cd/klm
Max.At90:0cd/klm
Max.80-90:16.59cd/klm
NRB 5101:Limited[4.2%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	11070
90%	9963
80%	8856
70%	7749
60%	6642
50%	5535
40%	4428
30%	3321
20%	2214
10%	1107
5%	554

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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

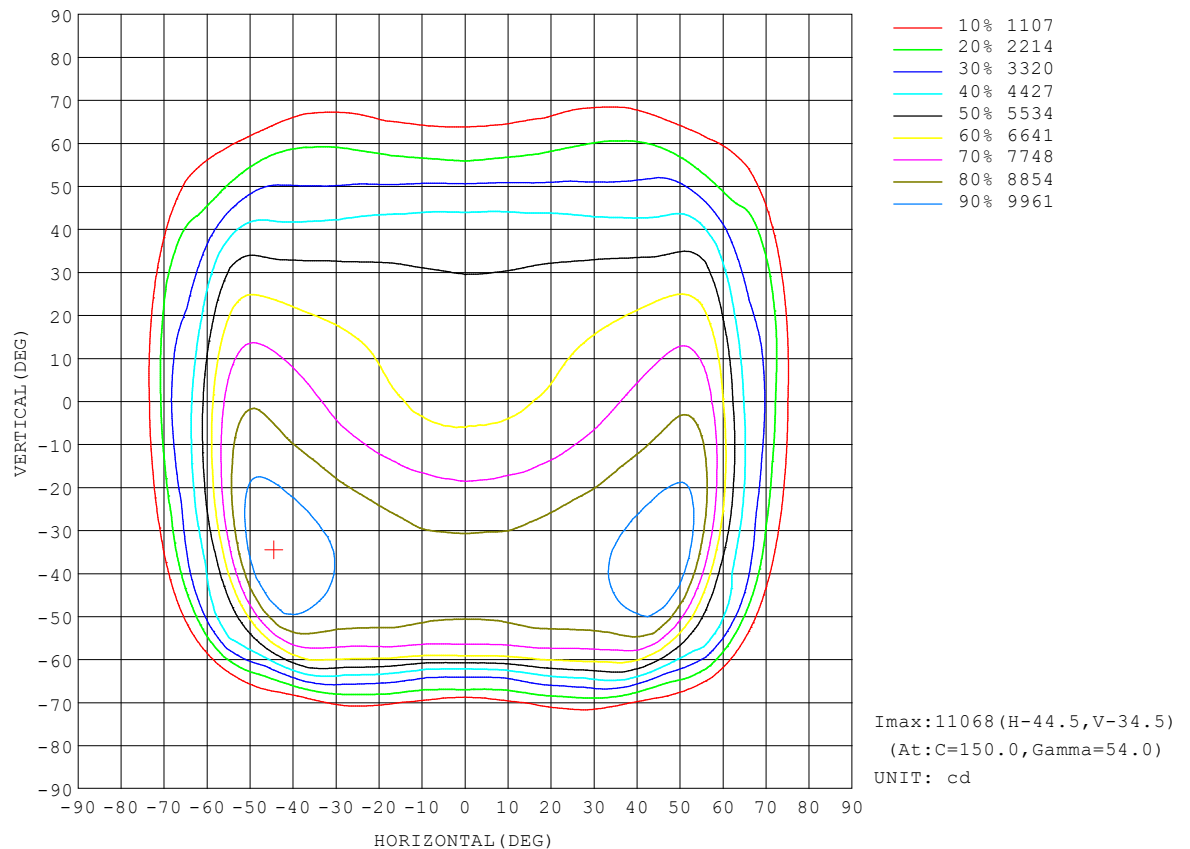
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	646.2	677.6	694.0	677.5	650.7	623.2	608.2	617.9	0- 10	612.4	612.4	2.19,2.19
20	681.4	756.5	789.3	766.4	690.7	625.3	586.5	616.7	10- 20	1899	2512	9,9
30	735.8	858.4	881.0	872.9	751.7	614.5	551.3	607.4	20- 30	3306	5817	20.8,20.8
40	801.8	943.6	913.7	959.6	822.8	568.6	484.8	569.1	30- 40	4701	10518	37.7,37.7
50	864.9	991.9	890.0	1018	874.0	467.0	345.4	477.1	40- 50	5846	16364	58.7,58.7
60	665.3	964.3	612.8	971.2	597.9	322.6	183.6	336.5	50- 60	6184	22548	80.8,80.8
70	323.1	489.6	57.86	388.2	260.7	154.0	72.89	180.2	60- 70	4117	26665	95.6,95.6
80	32.79	46.28	12.37	41.22	26.24	31.54	43.18	37.37	70- 80	1083	27748	99.4,99.4
90	0	0	0	0	0	0	0	0	80- 90	153.9	27901	100,100
100	0	0	0	0	0	0	0	0	90-100	0	27901	100,100
110	0	0	0	0	0	0	0	0	100-110	0	27901	100,100
120	0	0	0	0	0	0	0	0	110-120	0	27901	100,100
130	0	0	0	0	0	0	0	0	120-130	0	27901	100,100
140	0	0	0	0	0	0	0	0	130-140	0	27901	100,100
150	0	0	0	0	0	0	0	0	140-150	0	27901	100,100
160	0	0	0	0	0	0	0	0	150-160	0	27901	100,100
170	0	0	0	0	0	0	0	0	160-170	0	27901	100,100
180	0	0	0	0	0	0	0	0	170-180	0	27901	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

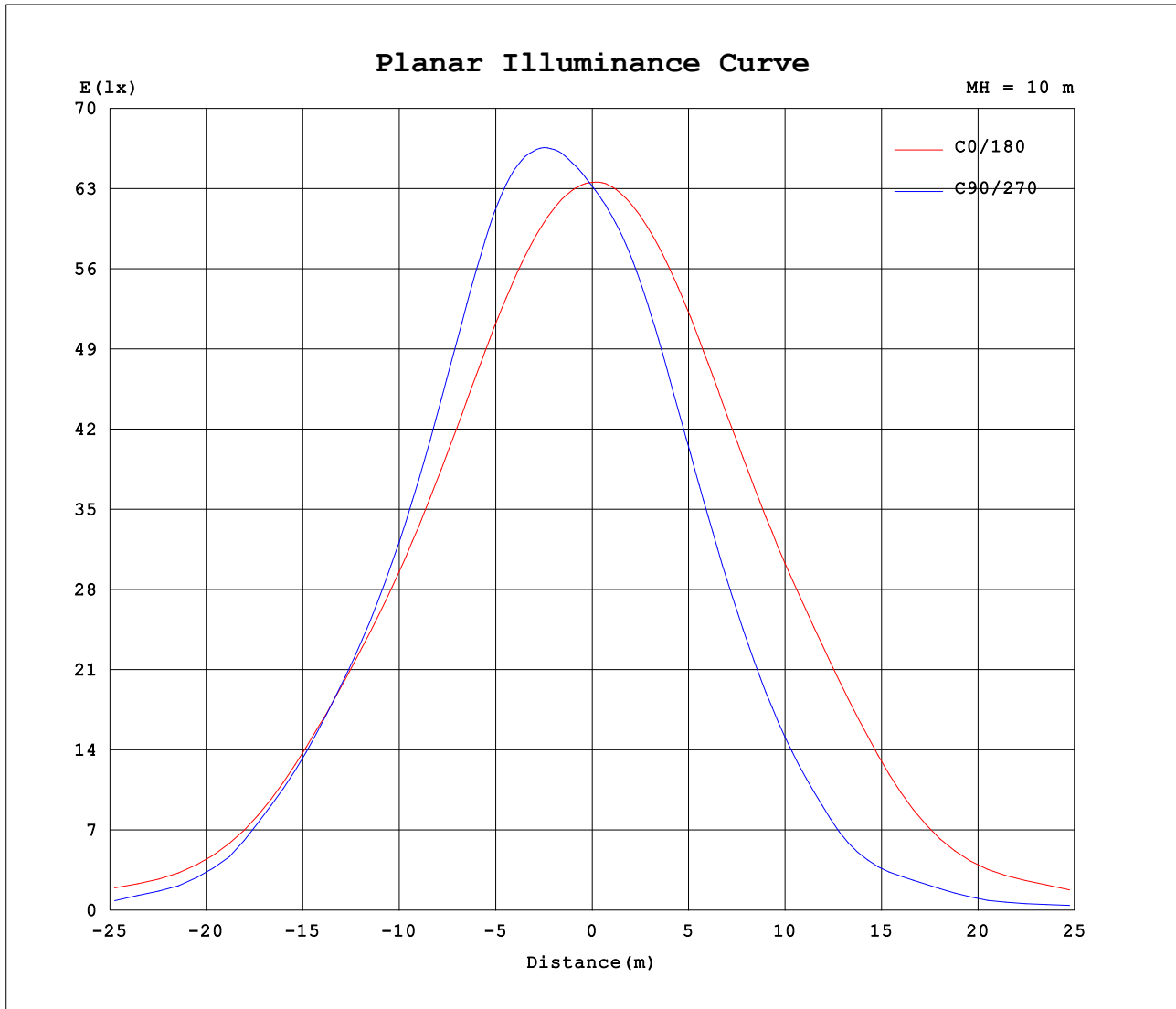
Test:U:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



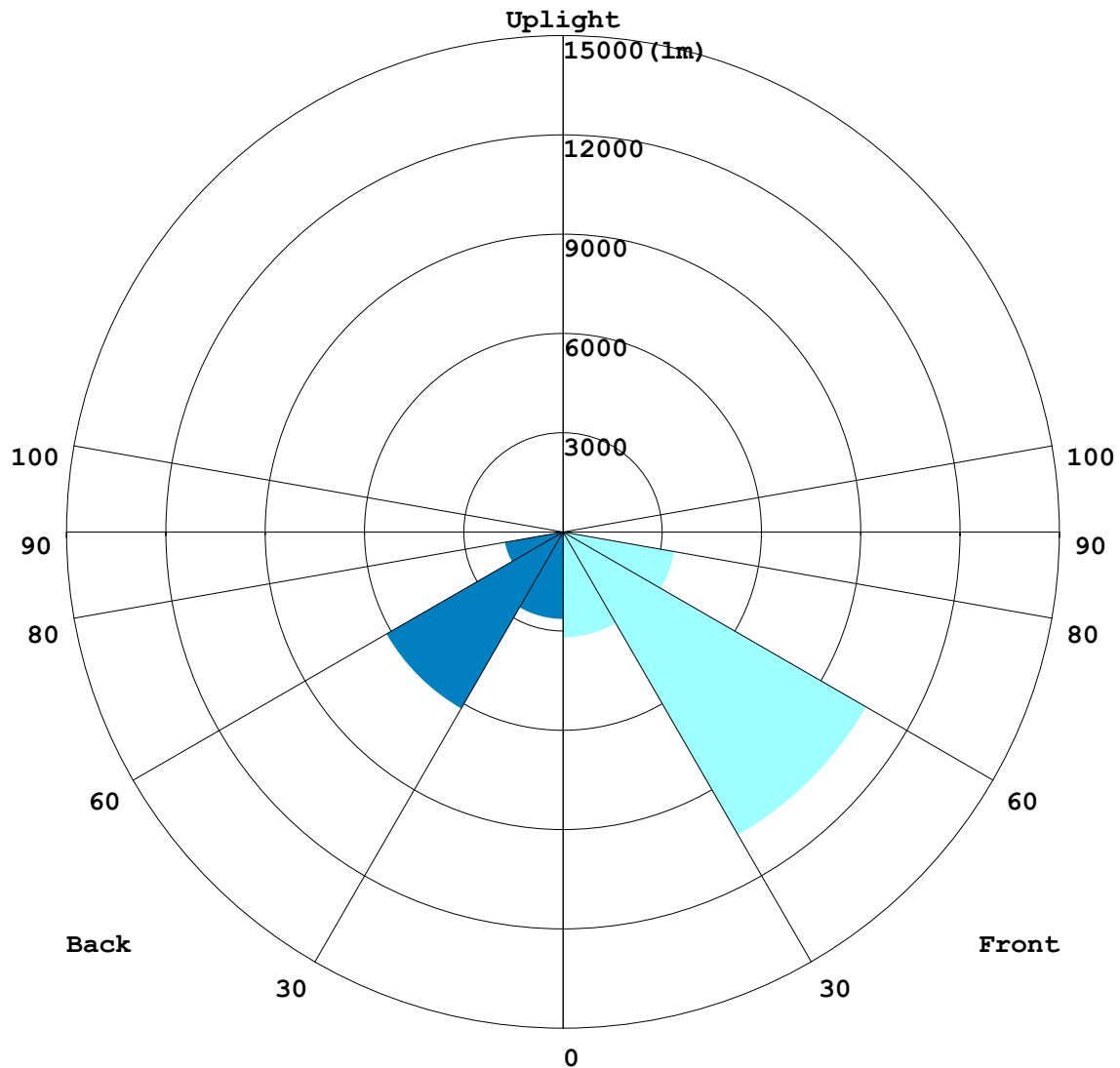
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2025-2-25

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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3184.4	11.4
FM - Front-Medium(30-60)	10573	37.9
FH - Front-High(60-80)	3416.2	12.2
FVH - Front-Very High(80-90)	53.377	0.2
Total Forward Light	17227	61.7

BL - Back-Low(0-30)	2632.8	9.4
BM - Back-Medium(30-60)	6157.9	22.1
BH - Back-High(60-80)	1783.4	6.4
BVH - Back-Very High(80-90)	100.48	0.4
Total Back Light	10675	38.3

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	B4-U0-G3
------------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10675	0	10675
Street Side	17227	0	17227

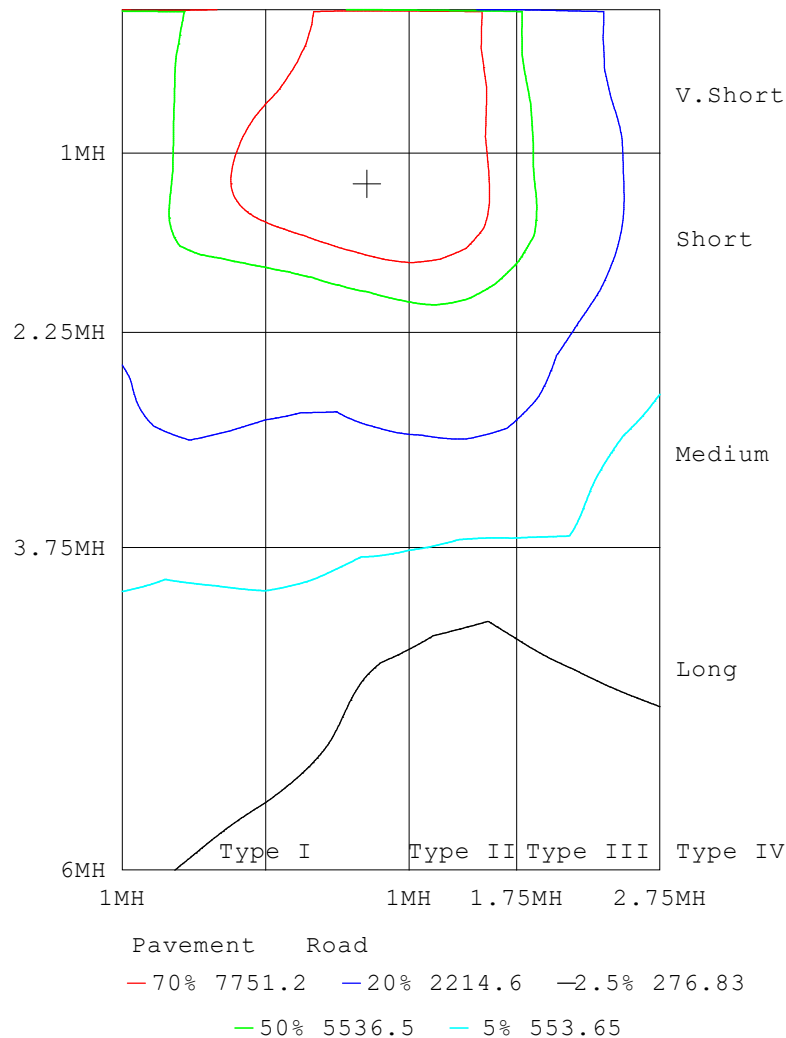
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 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	636	636	636	635	635	635	635	635	635	635	634	635	635	634	634	634	633	633	632
5	638	639	641	642	644	646	647	649	651	652	653	655	657	657	657	658	659	658	658
10	646	649	652	656	660	663	666	670	674	678	681	684	688	690	692	694	695	695	694
15	661	666	672	678	684	689	695	701	708	713	718	724	729	732	734	737	739	739	738
20	681	689	697	706	715	724	732	741	749	757	763	771	778	781	784	787	789	790	789
25	707	716	727	740	754	766	777	788	799	808	815	823	829	832	834	837	840	841	841
30	736	750	765	782	799	813	826	839	851	858	864	870	874	875	875	878	881	881	881
35	767	786	806	827	847	862	876	889	900	906	908	908	906	904	902	903	905	905	905
40	802	825	849	875	898	915	928	938	944	944	940	934	927	922	919	917	916	915	914
45	837	866	894	924	951	970	982	985	981	971	959	948	938	930	924	919	914	911	910
50	865	901	937	975	1009	1031	1042	1034	1017	992	966	949	936	926	917	906	897	892	890
55	835	886	938	995	1045	1079	1094	1079	1046	1000	955	928	909	893	878	854	832	822	820
60	665	715	777	855	936	1012	1063	1058	1021	964	901	854	812	772	733	685	643	621	613
65	435	466	510	571	644	734	815	867	879	826	746	673	599	521	446	371	312	289	286
70	323	315	333	385	443	479	501	512	508	490	451	377	298	247	202	149	103	71.5	57.9
75	113	114	123	139	161	196	216	187	143	109	82.6	76.0	73.1	58.1	42.8	34.6	29.8	27.4	27.0
80	32.8	28.3	25.2	23.0	23.5	29.5	36.8	42.1	45.7	46.3	44.6	40.6	34.7	26.7	19.1	14.6	12.2	11.9	12.4
85	14.2	12.3	10.9	9.51	9.36	12.6	16.1	17.1	16.4	13.9	10.5	7.04	4.03	2.67	1.99	1.36	0.98	0.88	0.97
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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 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	632	632	632	631	632	632	632	632	632	632	632	632	632	633	632	632	634	636	636
5	658	658	657	656	655	655	653	652	651	650	648	647	645	644	642	640	640	640	639
10	694	694	692	690	688	687	684	680	678	675	671	668	665	662	658	655	653	651	647
15	739	739	738	736	734	731	727	722	717	712	706	700	695	689	683	676	672	668	662
20	791	792	791	788	787	784	778	772	766	760	752	742	733	724	714	704	697	691	684
25	843	843	842	839	839	837	832	827	821	814	804	792	780	767	753	739	729	720	710
30	881	881	880	879	880	881	880	877	873	866	856	843	831	816	798	780	766	752	737
35	905	905	903	903	907	913	917	920	920	917	908	896	883	866	845	823	805	786	766
40	914	915	916	918	925	933	943	953	960	963	961	953	939	920	895	868	846	823	796
45	912	915	919	925	932	942	956	973	992	1009	1016	1014	1000	978	947	914	886	857	824
50	892	897	906	918	927	939	957	981	1018	1053	1072	1078	1062	1033	993	949	912	874	835
55	822	831	852	875	890	906	931	965	1021	1074	1103	1107	1074	1022	959	896	847	806	771
60	617	635	674	720	756	794	845	901	971	1025	1030	998	920	826	743	672	627	598	581
65	291	313	362	426	490	562	650	730	780	796	760	695	609	525	472	437	417	403	382
70	70.7	99.7	139	183	224	266	320	367	388	404	443	467	437	383	311	250	245	261	280
75	28.0	30.8	35.1	41.2	51.2	59.1	55.2	53.3	68.4	86.7	99.8	107	102	91.7	76.1	63.4	65.6	72.0	73.8
80	11.5	11.5	14.3	18.8	24.8	30.8	35.0	38.2	41.2	41.6	35.4	27.4	21.1	16.9	17.2	19.5	22.7	26.2	29.6
85	1.16	1.45	1.80	2.23	2.71	3.43	4.48	6.08	9.25	11.7	10.5	8.32	6.64	5.60	6.20	7.42	8.42	9.61	11.5
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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 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	636	635	635	635	635	635	635	635	634	635	635	634	634	634	633	633	632	632	632
5	637	635	633	632	630	629	628	626	625	624	623	622	621	620	619	618	618	618	618
10	644	640	637	634	631	628	626	623	621	619	617	615	613	611	610	609	608	608	609
15	657	651	646	642	637	633	628	624	620	616	613	609	606	604	601	600	599	599	600
20	677	670	662	655	648	640	632	625	619	613	608	603	598	594	591	588	586	586	587
25	700	689	679	668	657	645	634	623	613	605	598	591	584	580	576	573	571	571	573
30	723	707	691	675	659	643	628	615	602	591	582	574	566	561	556	553	551	552	554
35	746	723	699	676	654	633	614	597	582	570	559	549	540	534	530	526	524	526	529
40	767	735	702	669	639	613	590	569	550	536	524	512	502	495	491	487	485	487	491
45	787	743	698	655	615	582	553	526	504	487	473	459	447	441	436	431	428	431	437
50	793	740	685	629	577	535	499	467	440	421	406	389	374	364	356	349	345	350	358
55	736	698	652	587	522	472	431	395	366	344	324	298	274	260	249	238	233	240	252
60	572	572	562	516	459	406	359	323	293	267	245	224	208	198	191	186	184	187	193
65	368	376	383	361	332	304	277	250	226	209	191	164	137	116	101	95.7	95.7	97.1	105
70	289	260	222	196	178	168	162	154	143	127	109	89.5	74.1	71.5	73.1	72.8	72.9	73.6	74.7
75	77.1	90.7	98.4	79.3	57.2	53.2	55.0	57.0	59.2	59.1	58.1	56.4	55.2	56.0	57.2	57.3	57.3	58.0	58.5
80	32.7	35.7	37.0	33.4	29.2	28.4	29.3	31.5	34.3	36.3	38.1	39.8	41.2	42.6	43.6	43.4	43.2	44.2	45.0
85	12.9	12.5	11.6	10.8	10.4	11.4	12.9	14.1	15.5	17.6	19.8	21.2	22.3	23.3	23.7	22.4	21.5	23.6	25.8
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:278.67V I:0.5408A P:150.42W PF:0.9982 Freq:50.03Hz Lamp Flux:27901.5x1 lm		
NAME: ASD-LSB5BHV-NEOX-150BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 150W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

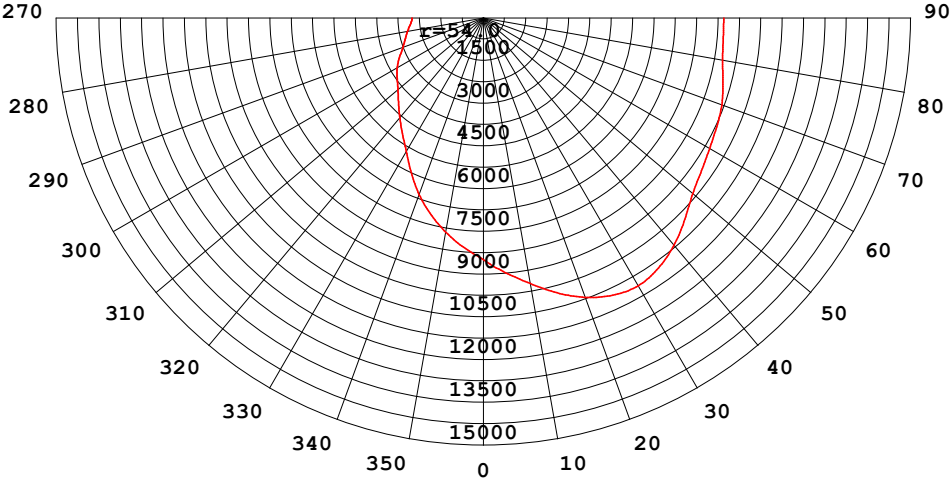
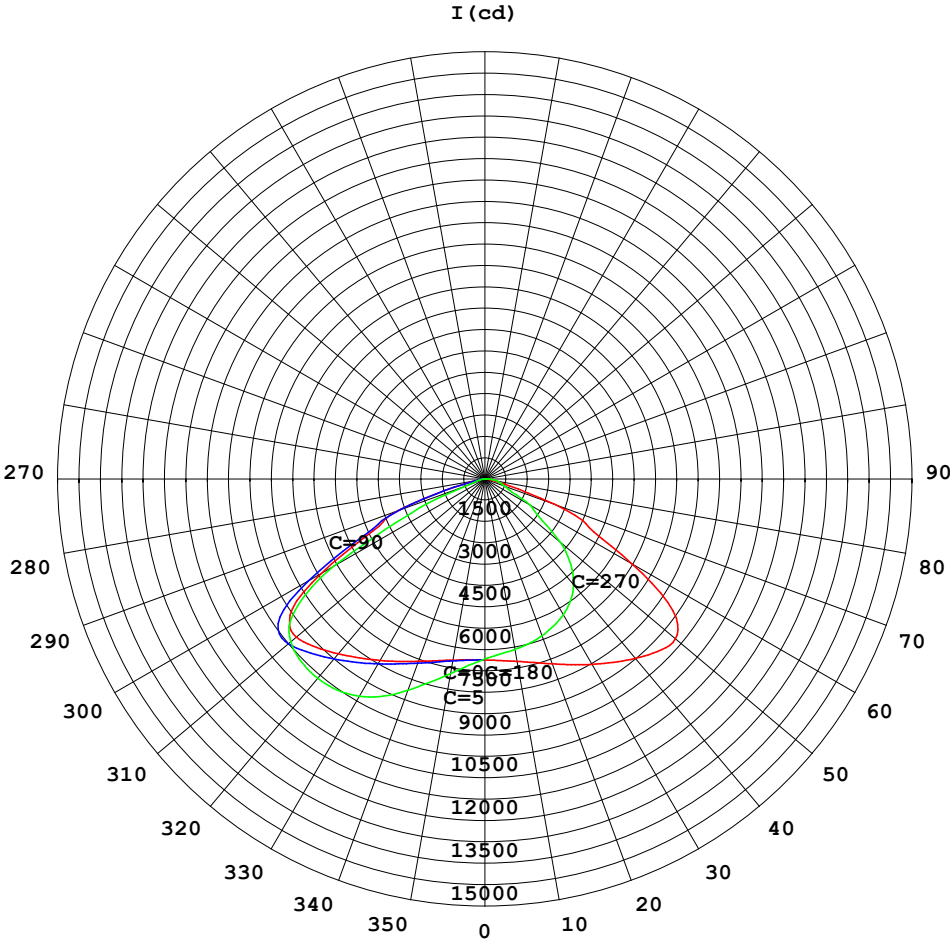
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	632	631	632	632	632	632	632	632	632	632	632	633	632	632	634				
5	618	618	618	619	620	621	622	623	624	625	627	628	630	631	634				
10	609	609	610	612	614	616	618	620	623	625	628	630	633	637	641				
15	600	602	604	607	610	614	617	621	625	629	633	638	643	648	654				
20	589	592	596	601	606	611	617	623	629	636	643	650	657	664	672				
25	575	579	585	591	598	605	614	623	633	644	654	664	674	685	696				
30	557	562	569	577	586	596	607	620	633	647	661	676	690	704	720				
35	532	537	546	556	567	579	594	610	627	645	664	684	704	725	746				
40	496	502	512	524	537	551	569	589	611	634	661	689	717	746	774				
45	442	450	462	477	492	509	531	557	584	614	650	688	727	766	802				
50	367	379	394	412	429	450	477	509	543	581	629	680	731	780	825				
55	264	282	307	334	355	377	407	443	483	531	592	653	705	751	795				
60	200	212	231	254	278	305	337	374	420	473	537	594	616	628	646				
65	124	149	175	201	221	241	270	304	343	383	421	446	437	422	424				
70	73.5	77.9	99.4	125	146	165	180	193	204	216	235	259	288	314	324				
75	57.6	57.4	59.5	63.3	69.3	75.2	77.2	80.1	86.5	98.9	127	152	158	153	138				
80	44.4	43.3	42.6	41.7	40.2	38.6	37.4	36.8	37.4	39.1	43.0	46.0	44.3	40.6	37.0				
85	25.9	25.3	24.6	23.5	22.2	20.7	19.0	17.3	15.2	14.6	18.7	22.8	22.0	19.5	17.1				
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	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:	17227 lm
STREET UP:	0 lm
HOUSE DOWN:	10675 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 11070 \text{ cd}$

