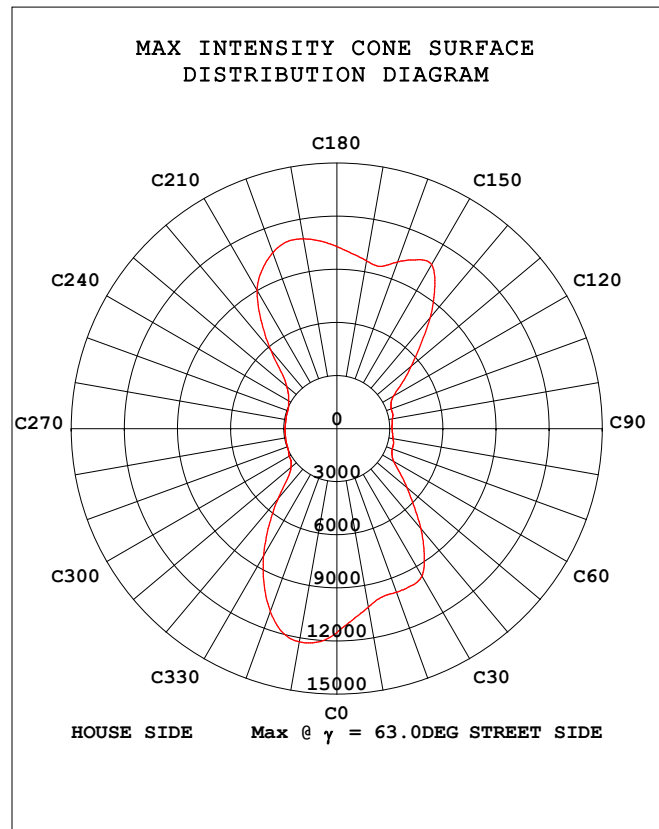
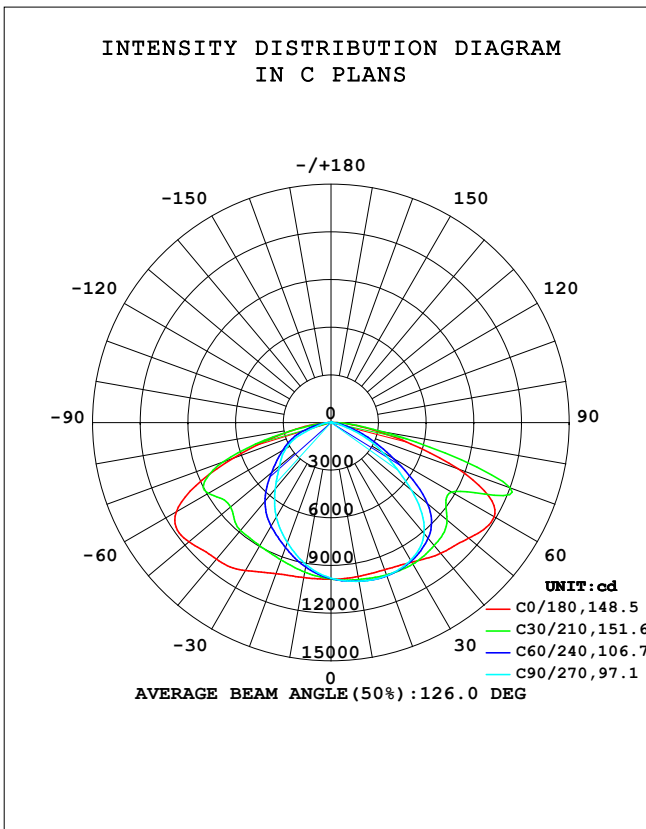


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 182.05 lm/W			
MODEL	ASD-LSB5B-NEOX-200BR	I _{max} (cd)	12228	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	36837	η house_up (%)	0.0
NOMINAL FLUX (lm)	36836.9	MAXIMUM @ (C, γ)	350,63.0	η house_down (%)	46.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	

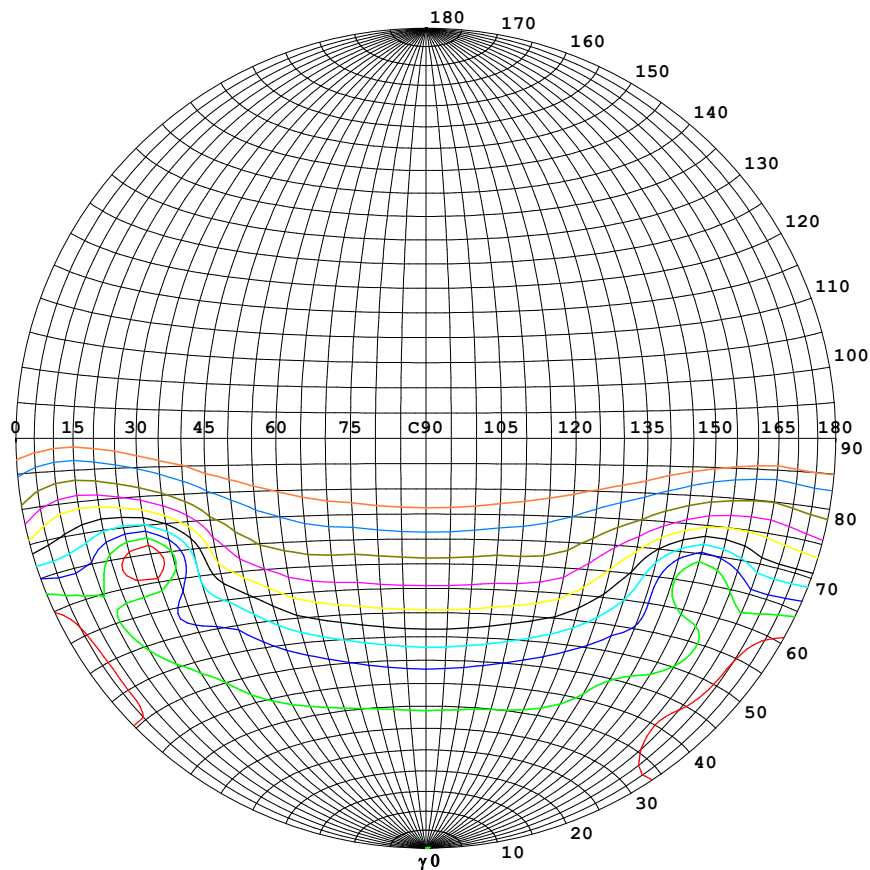


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



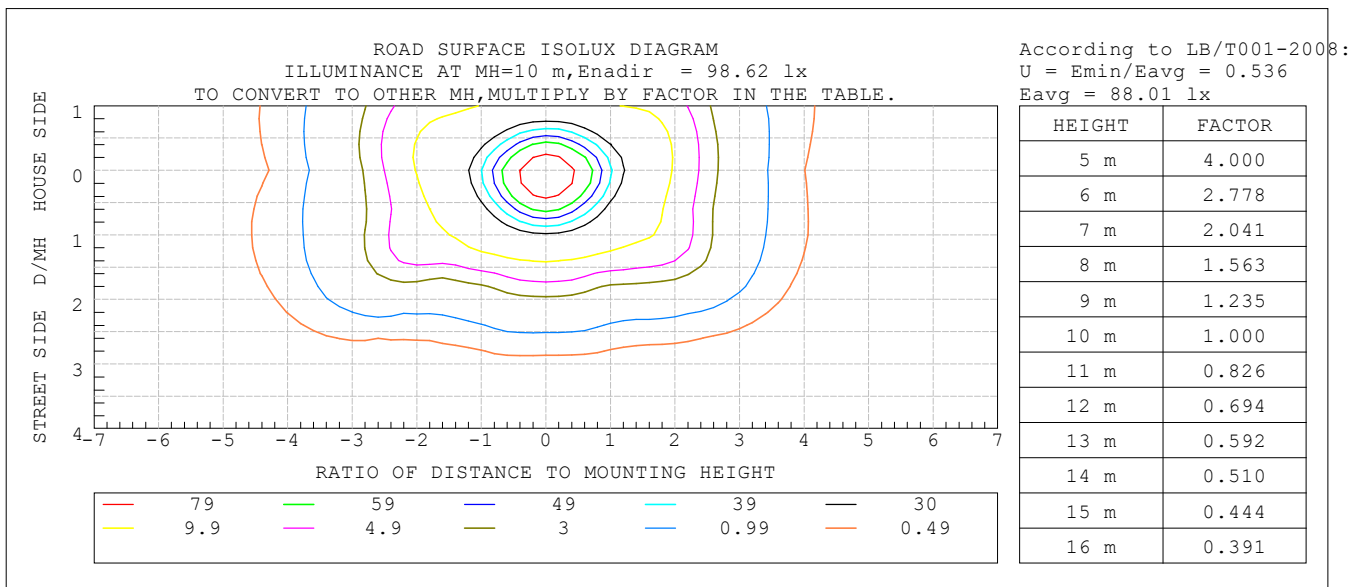
Classification:

IES:Type III - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:115.5cd/klm
Max.At90:0cd/klm
Max.80-90:115.5cd/klm
NRB 5101:Semi limited[17.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	12228
90%	11006
80%	9783
70%	8560
60%	7337
50%	6114
40%	4891
30%	3669
20%	2446
10%	1223
5%	611

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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

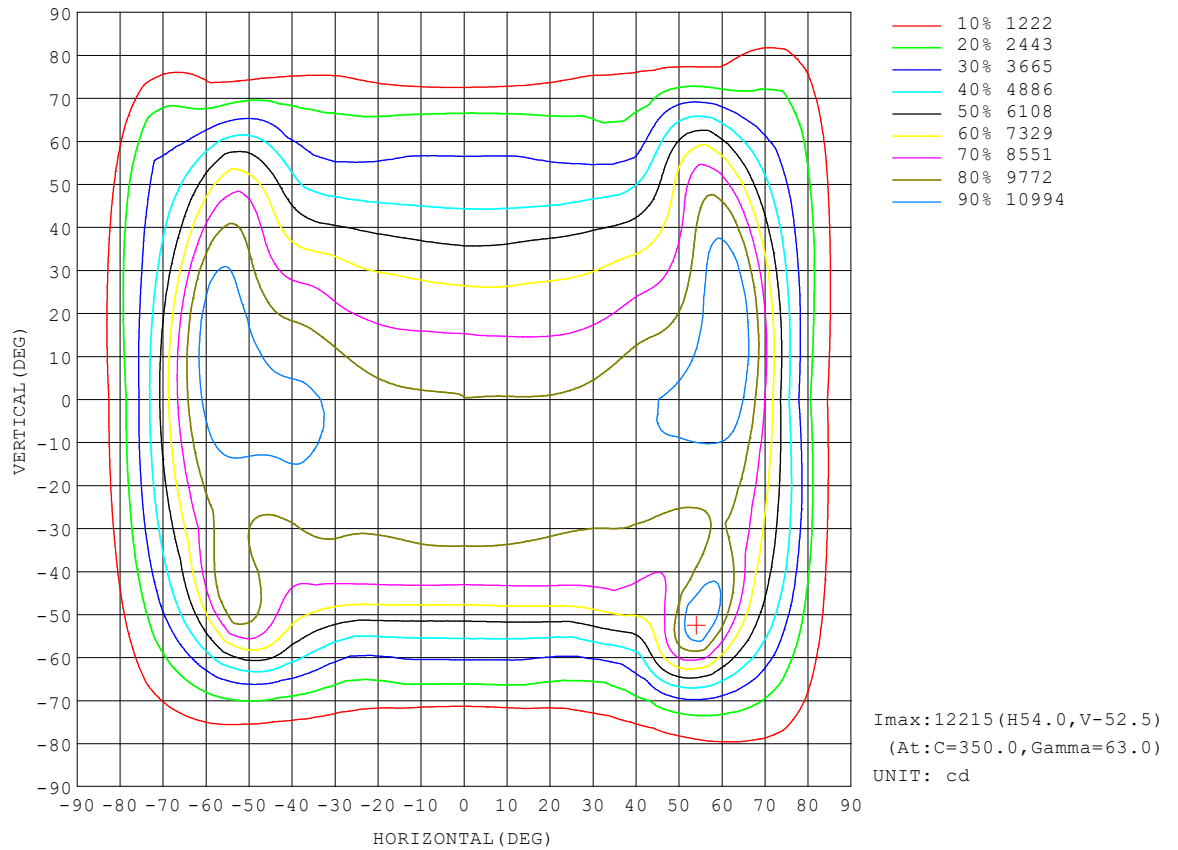
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	983.8	1009	1014	1007	990.5	937.3	907.9	927.4	0- 10	931.5	931.5	2.53,2.53
20	985.9	1026	1025	1030	1012	872.3	804.1	855.5	10- 20	2722	3654	9.92,9.92
30	1015	1017	1002	1021	1076	808.8	688.6	782.1	20- 30	4339	7993	21.7,21.7
40	1075	975.7	912.2	981.9	1122	747.3	546.9	713.3	30- 40	5689	13682	37.1,37.1
50	1132	908.4	660.1	898.3	1168	624.6	423.3	606.1	40- 50	6498	20180	54.8,54.8
60	1186	719.5	378.8	730.6	1125	471.1	329.2	441.1	50- 60	6542	26721	72.5,72.5
70	850.7	414.6	151.7	449.3	655.1	340.2	167.3	300.4	60- 70	6005	32726	88.8,88.8
80	265.0	129.5	32.38	102.8	196.1	99.02	54.53	129.4	70- 80	3368	36094	98,98
90	0	0	0	0	0	0	0	0	80- 90	743.1	36837	100,100
100	0	0	0	0	0	0	0	0	90-100	0	36837	100,100
110	0	0	0	0	0	0	0	0	100-110	0	36837	100,100
120	0	0	0	0	0	0	0	0	110-120	0	36837	100,100
130	0	0	0	0	0	0	0	0	120-130	0	36837	100,100
140	0	0	0	0	0	0	0	0	130-140	0	36837	100,100
150	0	0	0	0	0	0	0	0	140-150	0	36837	100,100
160	0	0	0	0	0	0	0	0	150-160	0	36837	100,100
170	0	0	0	0	0	0	0	0	160-170	0	36837	100,100
180	0	0	0	0	0	0	0	0	170-180	0	36837	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

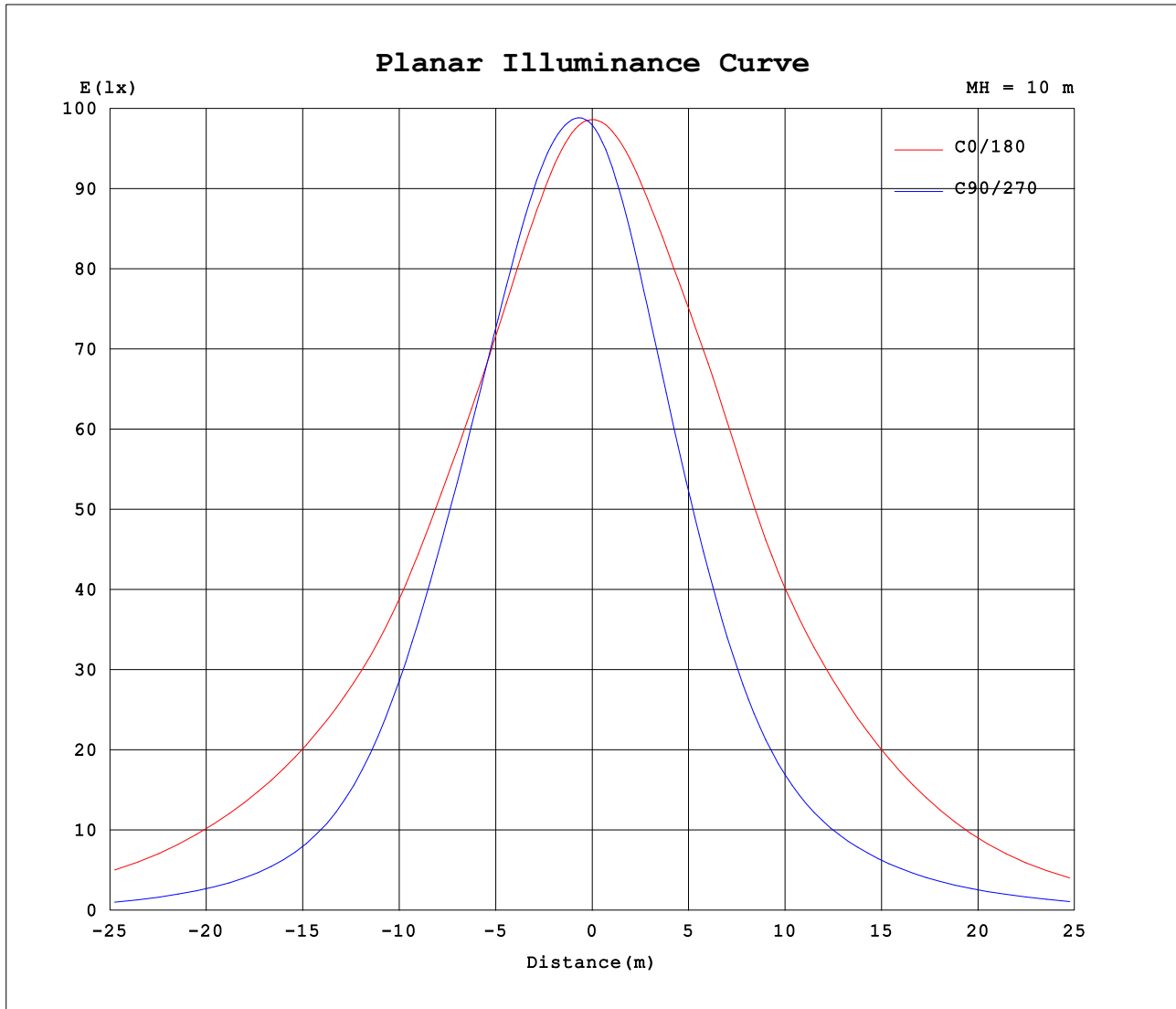
Test:U:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



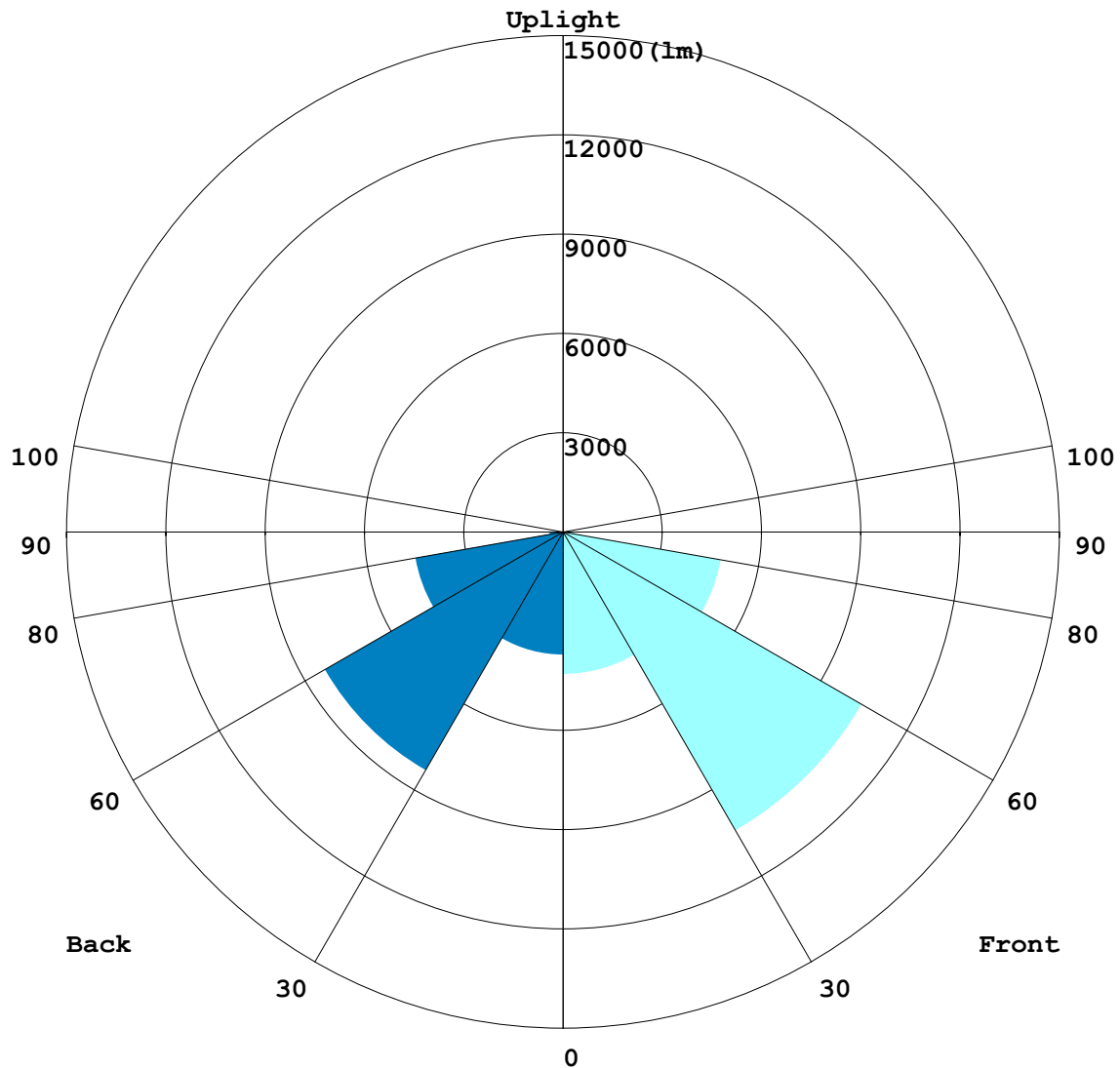
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2025-2-25

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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 200W 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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4289	11.6
FM - Front-Medium(30-60)	10413	28.3
FH - Front-High(60-80)	4843.4	13.1
FVH - Front-Very High(80-90)	338.15	0.9
Total Forward Light	19884	54.0

BL - Back-Low(0-30)	3703.9	10.1
BM - Back-Medium(30-60)	8315.2	22.6
BH - Back-High(60-80)	4529.2	12.3
BVH - Back-Very High(80-90)	404.97	1.1
Total Back Light	16953	46.0

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-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	16953	0	16953
Street Side	19884	0	19884

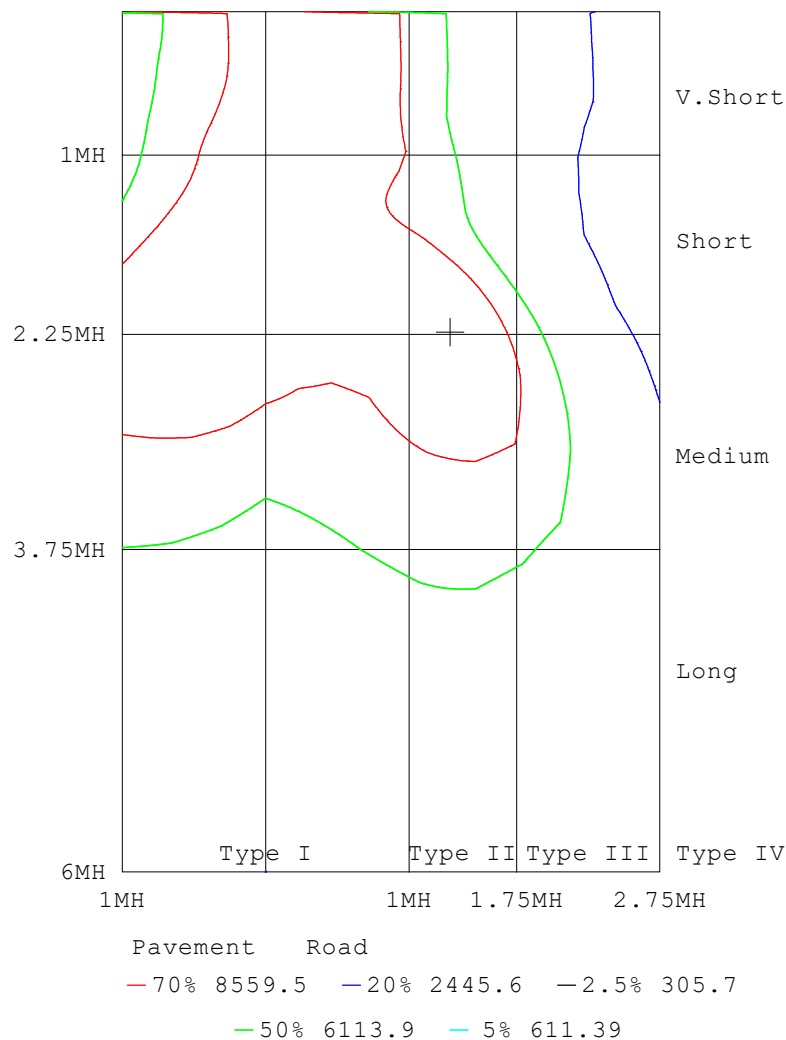
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 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	986	986	985	985	985	985	985	984	984	983	983	983	983	982	981	980	980	980	979
5	986	987	989	990	992	994	995	996	997	998	999	1000	1000	1000	1000	1000	1000	1000	999
10	984	988	991	995	998	1001	1003	1005	1007	1009	1010	1012	1013	1014	1014	1015	1015	1014	1014
15	982	989	994	1000	1004	1008	1012	1015	1017	1019	1021	1022	1024	1024	1025	1025	1025	1025	1024
20	986	995	1002	1008	1013	1017	1020	1023	1025	1026	1027	1027	1028	1028	1028	1027	1027	1026	1025
25	996	1006	1014	1020	1024	1026	1027	1027	1027	1026	1025	1023	1022	1022	1021	1021	1020	1019	1019
30	1015	1024	1031	1035	1035	1033	1029	1026	1022	1017	1014	1011	1009	1007	1006	1005	1003	1002	1002
35	1044	1050	1052	1050	1043	1033	1023	1015	1007	1000	994	990	986	982	979	976	973	971	970
40	1075	1078	1076	1068	1051	1031	1011	997	986	976	967	959	951	942	934	927	920	915	912
45	1098	1099	1093	1080	1054	1025	996	978	963	948	931	914	897	877	858	841	826	815	810
50	1132	1111	1087	1059	1022	986	953	938	925	908	873	834	793	759	727	700	680	667	660
55	1174	1122	1071	1022	970	923	884	872	862	842	776	702	631	589	557	535	519	509	505
60	1186	1111	1045	988	948	913	877	832	781	719	628	537	457	423	406	399	388	381	379
65	1096	1032	991	974	1022	1062	1065	915	731	546	443	369	321	298	289	289	281	274	271
70	851	820	824	864	1012	1141	1199	978	696	415	302	239	210	188	179	176	165	157	152
75	523	576	622	662	721	755	746	603	432	265	191	145	121	101	89.4	83.9	77.4	73.7	72.5
80	265	347	401	426	413	378	325	260	192	129	95.5	72.6	58.3	48.1	42.2	39.2	35.6	33.3	32.4
85	109	145	167	175	163	141	114	88.7	63.9	42.0	29.3	20.8	15.3	11.5	9.29	7.97	5.90	4.29	3.30
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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 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	979	978	978	978	978	978	977	977	977	977	978	978	977	977	978	980	984	986	986
5	999	998	997	997	996	996	995	994	993	992	991	990	988	986	985	986	987	987	985
10	1014	1013	1012	1012	1011	1010	1009	1008	1007	1006	1004	1002	1000	997	994	993	992	990	986
15	1024	1024	1023	1023	1022	1022	1022	1021	1020	1019	1018	1017	1014	1011	1007	1005	1002	997	989
20	1025	1025	1025	1025	1026	1027	1028	1029	1030	1031	1032	1032	1031	1030	1027	1024	1019	1012	1000
25	1018	1018	1019	1019	1020	1021	1024	1028	1032	1036	1040	1044	1048	1050	1051	1050	1046	1039	1023
30	1002	1002	1003	1003	1004	1006	1010	1015	1021	1028	1037	1046	1057	1067	1075	1081	1081	1076	1058
35	971	973	976	977	979	982	987	993	1002	1013	1027	1043	1063	1081	1098	1109	1113	1109	1091
40	915	921	928	934	941	949	958	969	982	1000	1021	1043	1069	1092	1112	1124	1128	1122	1103
45	814	824	839	855	873	893	914	935	956	975	994	1015	1042	1069	1095	1119	1134	1137	1114
50	663	674	692	718	749	784	824	863	898	914	927	943	980	1022	1065	1110	1147	1168	1151
55	506	514	528	549	579	620	687	758	825	860	888	915	954	997	1042	1097	1146	1181	1187
60	380	386	396	401	418	452	532	627	731	834	928	1001	1015	1013	1009	1045	1086	1125	1157
65	273	278	285	283	292	321	395	496	619	798	964	1087	1049	970	886	887	908	939	970
70	154	161	171	174	186	213	270	349	449	613	767	881	838	754	662	644	644	655	668
75	73.3	76.8	83.2	89.9	102	121	153	195	247	326	405	470	484	479	461	434	409	392	416
80	32.8	34.5	37.4	40.2	45.0	52.7	64.6	81.1	103	137	173	206	226	237	240	220	202	196	257
85	3.52	4.34	5.60	6.64	8.13	10.3	12.8	16.7	22.4	33.0	44.7	56.2	65.7	72.8	76.5	67.1	58.9	57.3	90.1
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	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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 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	986	985	985	985	985	984	984	983	983	983	983	982	981	980	980	980	979	979	978
5	982	979	977	974	972	969	966	963	961	959	957	955	953	951	950	949	949	948	948
10	980	973	968	962	956	950	943	937	932	928	924	919	915	912	910	909	908	907	907
15	980	969	959	948	937	926	916	906	897	889	882	875	869	864	861	859	858	857	857
20	986	970	954	937	920	903	887	872	860	848	838	828	820	814	809	806	804	803	803
25	1004	982	957	932	906	882	860	840	823	808	795	783	772	763	757	752	749	748	749
30	1034	1004	970	933	897	864	835	809	788	770	754	738	724	712	701	693	689	688	691
35	1065	1031	986	937	889	848	811	778	751	729	708	686	667	650	636	626	620	621	626
40	1075	1038	991	940	887	838	791	747	710	676	647	619	596	576	561	552	547	548	554
45	1077	1030	977	920	862	806	753	702	653	609	571	542	519	502	490	482	479	479	484
50	1115	1061	989	909	826	754	686	625	571	525	489	465	449	439	430	425	423	423	426
55	1171	1129	1047	947	838	731	630	542	484	443	416	401	394	392	386	382	380	381	384
60	1172	1161	1097	1005	891	745	600	471	408	371	352	339	334	334	331	329	329	330	333
65	995	1006	992	951	878	727	564	414	348	311	294	279	272	270	268	267	268	268	269
70	684	700	728	740	720	605	470	340	285	252	233	212	196	184	175	169	167	171	177
75	448	475	477	464	435	372	301	234	198	172	152	130	112	98.2	91.7	89.2	89.7	89.2	91.7
80	321	365	318	249	174	139	115	99.0	89.8	84.6	81.1	72.5	64.2	57.3	54.8	54.1	54.5	53.8	54.5
85	124	148	123	86.7	49.0	35.3	28.1	25.6	25.3	26.7	28.6	27.7	26.5	25.3	24.7	24.5	24.6	25.0	26.0
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:118.67V I:1.7110A P:202.34W PF:0.9966 Freq:49.99Hz Lamp Flux:36836.9x1 lm		
NAME: ASD-LSB5B-NEOX-200BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 200W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

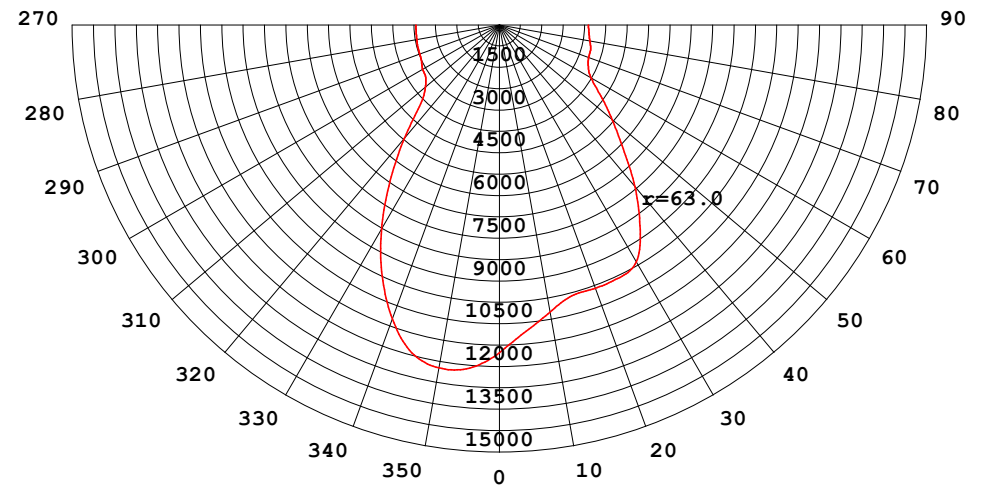
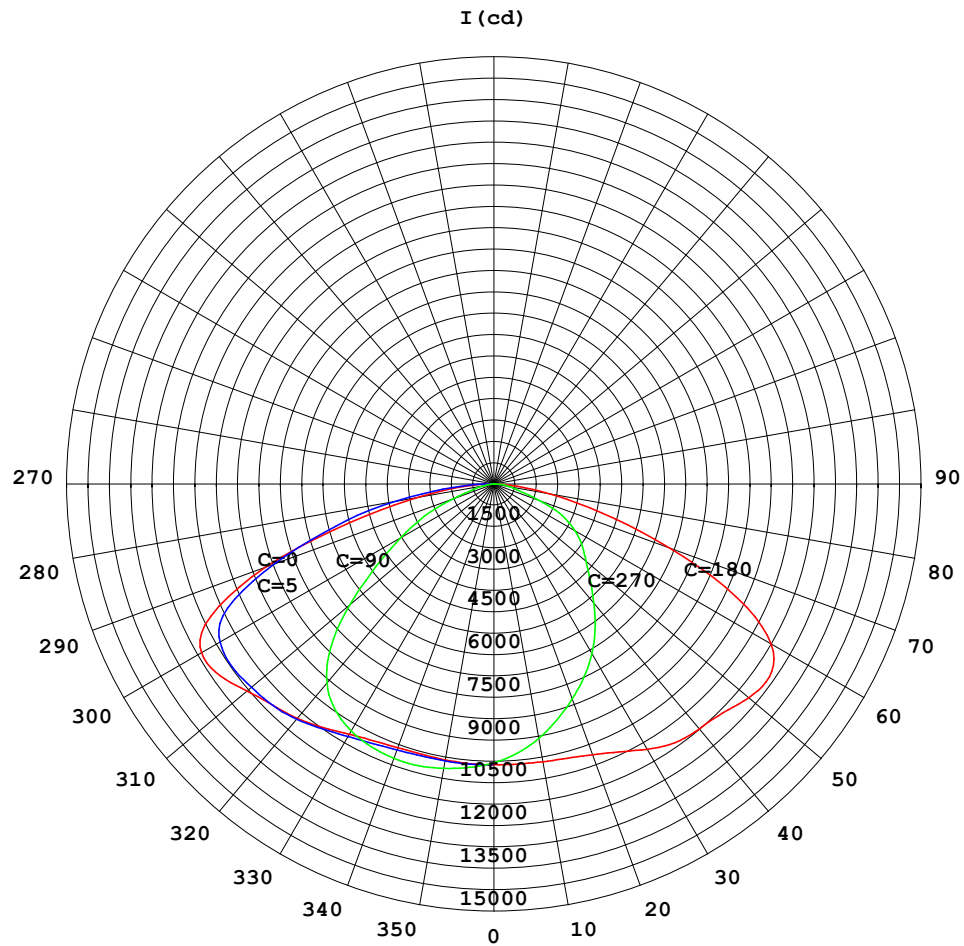
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	978	978	978	978	977	977	977	977	978	978	977	977	978	980	982				
5	948	949	950	951	953	954	956	958	960	963	965	967	970	974	980				
10	907	909	912	916	919	923	927	933	938	944	949	954	960	967	975				
15	858	862	866	872	878	885	893	902	911	921	930	939	949	959	971				
20	806	810	817	825	834	844	856	868	882	896	910	924	939	954	970				
25	752	759	768	779	790	804	818	835	852	872	892	913	934	955	975				
30	698	708	722	736	750	765	782	802	825	850	878	908	937	964	990				
35	636	652	671	691	709	728	749	773	801	832	870	910	949	984	1015				
40	566	584	606	630	656	683	713	744	779	817	867	918	968	1009	1044				
45	494	509	529	556	589	627	669	712	758	808	864	921	975	1021	1062				
50	432	441	456	478	514	557	606	660	719	781	847	913	977	1033	1085				
55	389	390	396	409	436	475	525	595	675	761	852	940	1021	1084	1135				
60	336	336	339	348	362	391	441	539	656	783	913	1034	1133	1184	1201				
65	272	274	279	288	288	308	362	513	689	867	1002	1107	1177	1194	1167				
70	187	199	213	230	227	245	300	481	681	867	947	984	986	969	924				
75	98.3	113	132	155	163	186	233	367	511	637	671	670	645	619	578				
80	57.4	65.0	75.1	87.0	94.2	107	129	181	239	297	345	380	396	377	334				
85	27.5	30.3	33.4	36.5	36.9	38.2	42.0	46.8	58.9	81.6	144	205	247	235	189				
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:	19884 lm
STREET UP:	0 lm
HOUSE DOWN:	16953 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 12228 \text{ cd}$

