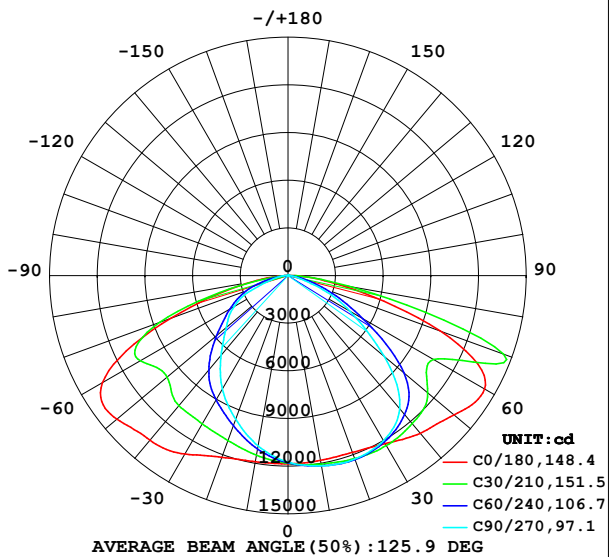
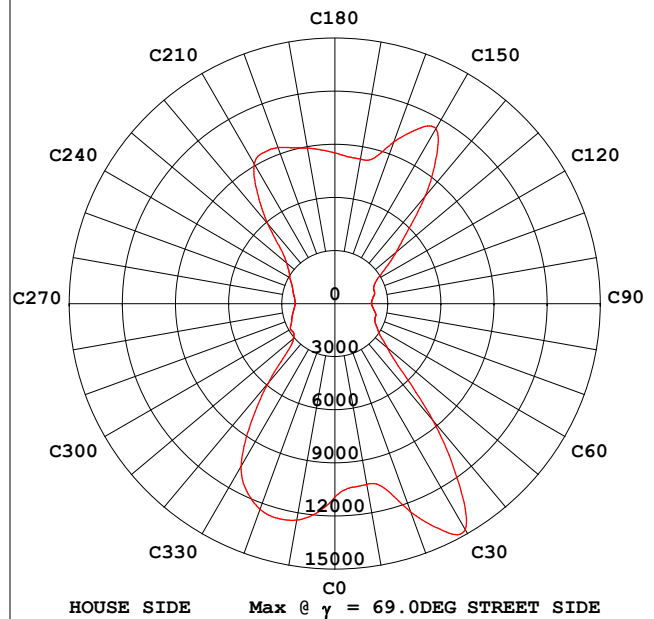


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.67V I:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.29 lm/W			
MODEL	ASD-LSB5B-NEOX-240BR	I _{max} (cd)	14740	η street_up (%)	0.0
NOMINAL POWER (W)	240	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	44202	η house_up (%)	0.0
NOMINAL FLUX (lm)	44201.9	MAXIMUM @ (C, γ)	30,69.0	η house_down (%)	46.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	100.0	SLI	

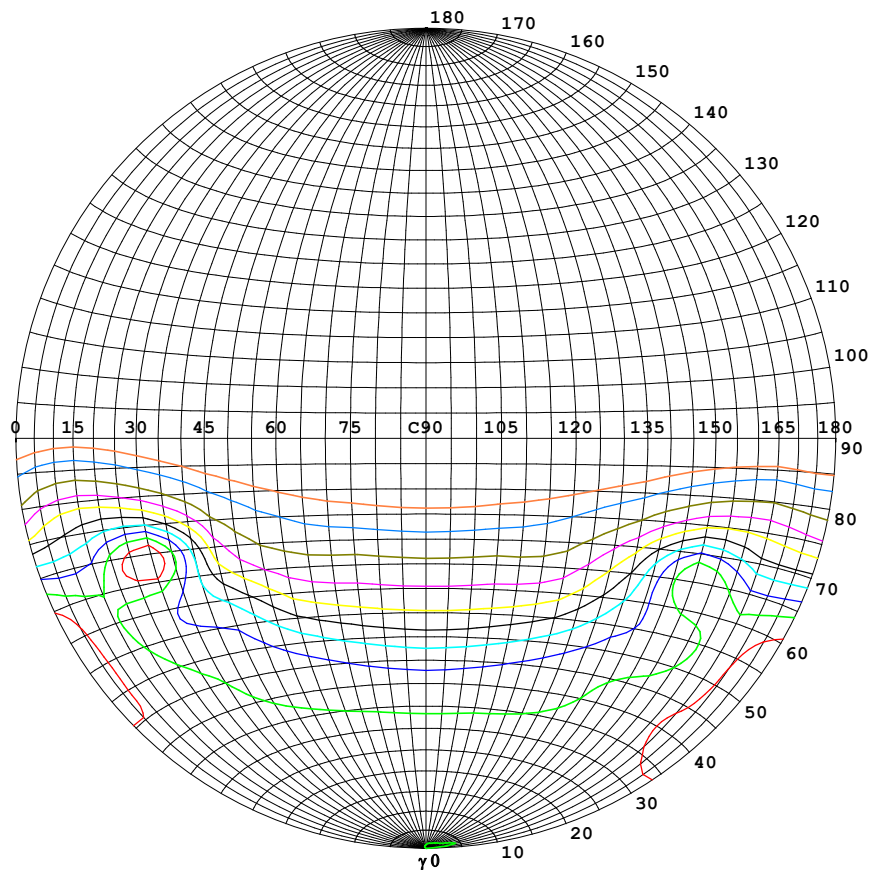
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.67V I:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



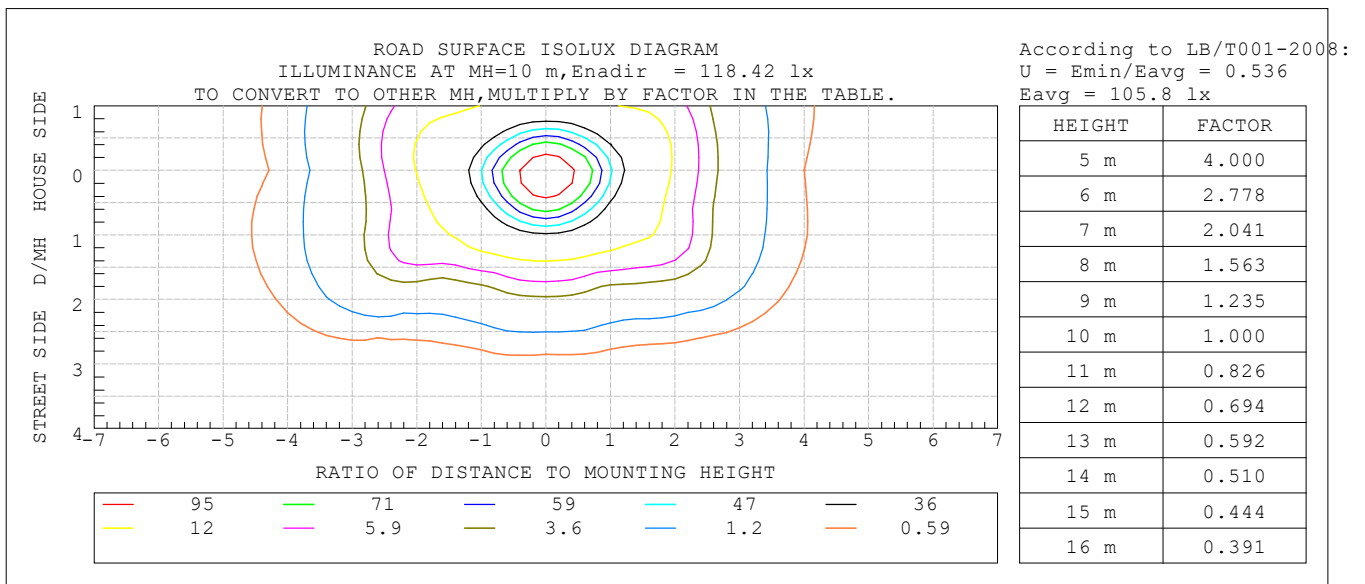
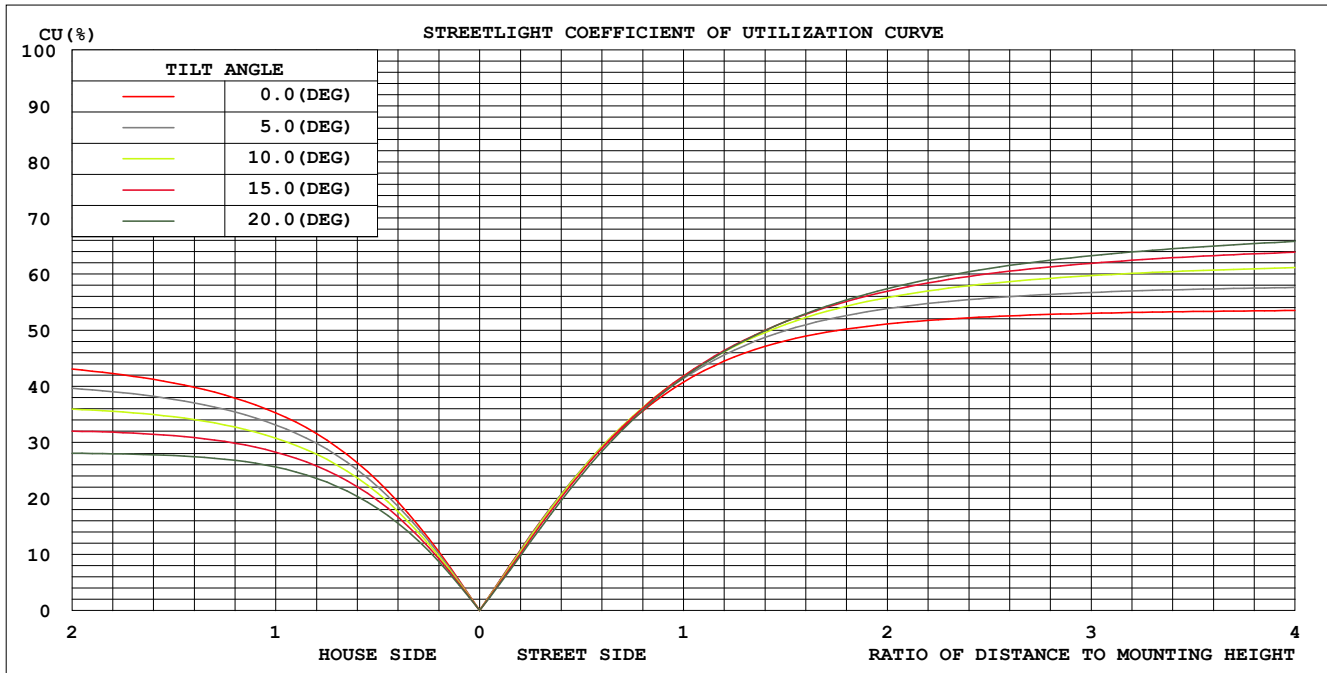
Classification:

IES:Type III - Medium
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:115.9cd/klm
Max.At90:0cd/klm
Max.80-90:115.9cd/klm
NRB 5101:Limited[10.0%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	14740
90%	13266
80%	11792
70%	10318
60%	8844
50%	7370
40%	5896
30%	4422
20%	2948
10%	1474
5%	737

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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

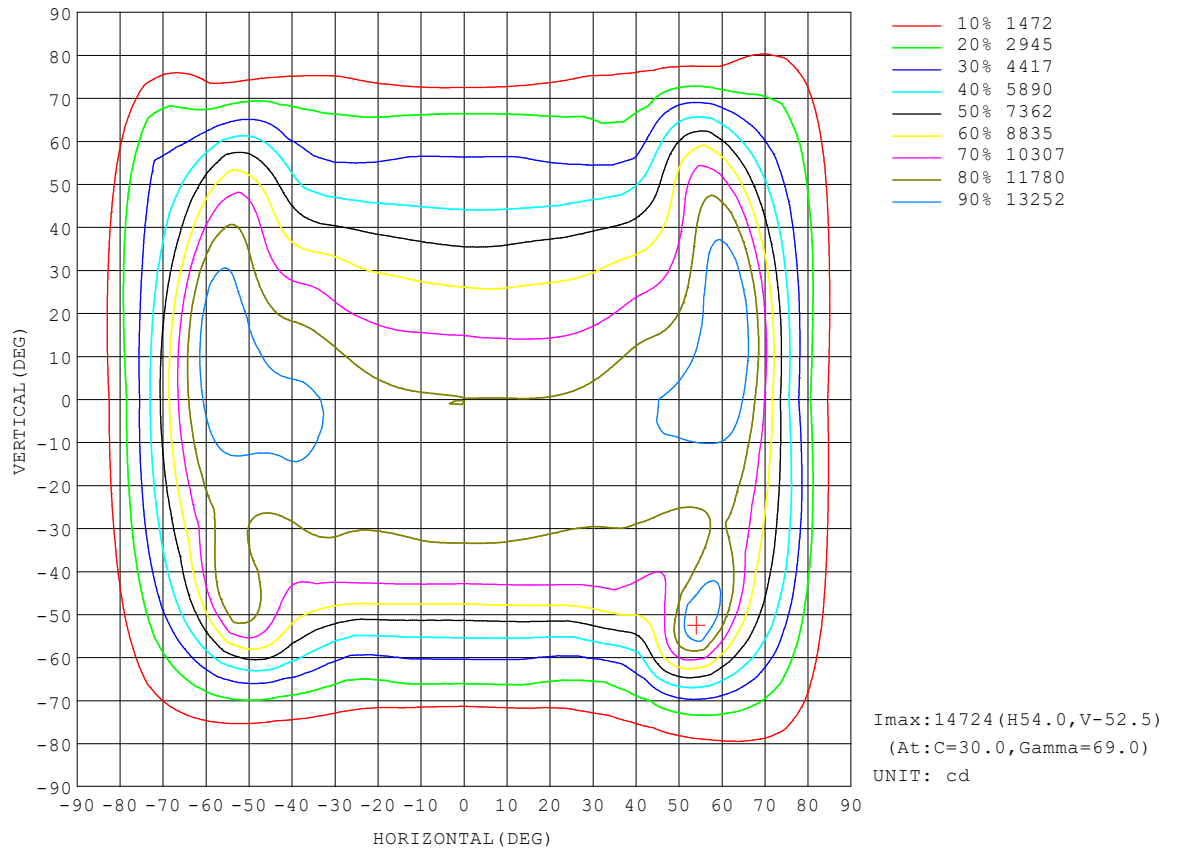
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	1181	1211	1216	1207	1190	1126	1089	1111	0- 10	1117	1117	2.53,2.53
20	1185	1232	1229	1235	1217	1048	963.6	1025	10- 20	3266	4383	9.92,9.92
30	1222	1223	1202	1224	1297	972.3	825.9	937.8	20- 30	5209	9592	21.7,21.7
40	1296	1173	1093	1180	1352	900.0	655.9	856.3	30- 40	6837	16428	37.2,37.2
50	1365	1094	788.9	1078	1406	750.2	508.1	728.0	40- 50	7810	24239	54.8,54.8
60	1429	863.7	453.3	874.1	1349	565.2	395.0	528.0	50- 60	7860	32098	72.6,72.6
70	1021	497.3	176.6	533.4	781.3	406.5	200.8	360.0	60- 70	7206	39305	88.9,88.9
80	319.3	154.6	38.72	121.1	234.1	122.2	65.51	155.8	70- 80	4024	43329	98,98
90	0	0	0	0	0	0	0	0	80- 90	872.9	44202	100,100
100	0	0	0	0	0	0	0	0	90-100	0	44202	100,100
110	0	0	0	0	0	0	0	0	100-110	0	44202	100,100
120	0	0	0	0	0	0	0	0	110-120	0	44202	100,100
130	0	0	0	0	0	0	0	0	120-130	0	44202	100,100
140	0	0	0	0	0	0	0	0	130-140	0	44202	100,100
150	0	0	0	0	0	0	0	0	140-150	0	44202	100,100
160	0	0	0	0	0	0	0	0	150-160	0	44202	100,100
170	0	0	0	0	0	0	0	0	160-170	0	44202	100,100
180	0	0	0	0	0	0	0	0	170-180	0	44202	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

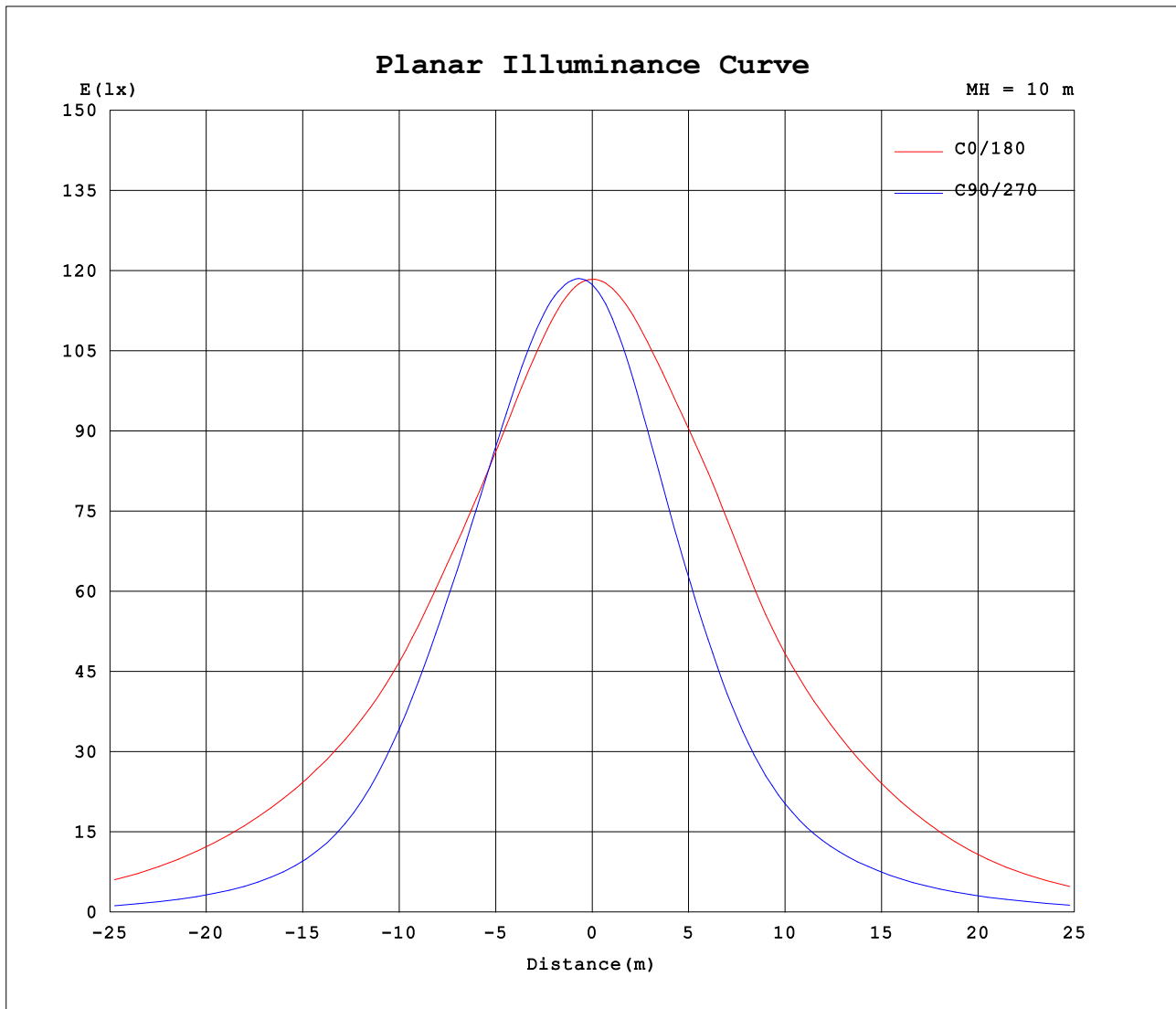
Test:U:118.67V I:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



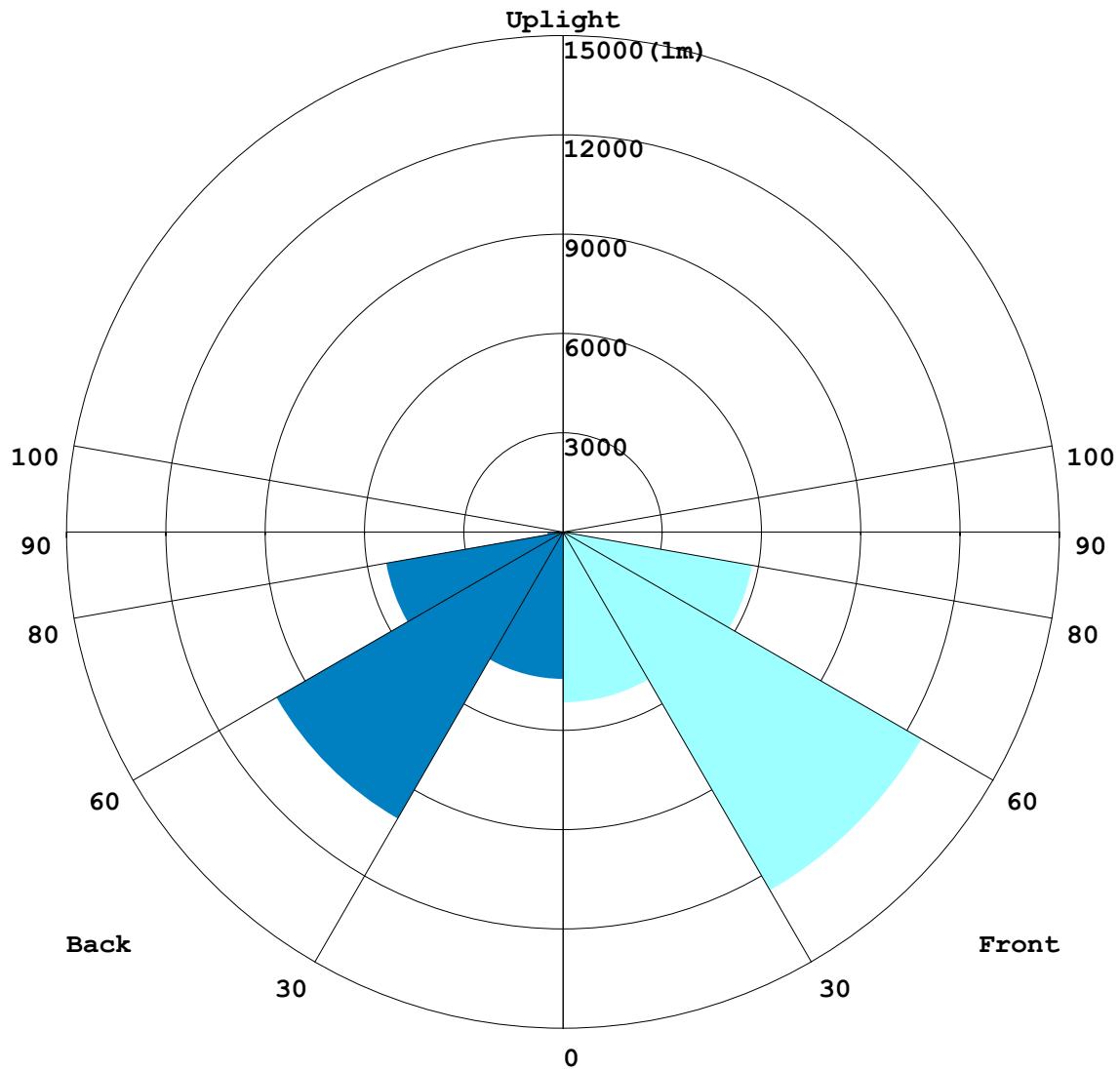
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 240W 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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	5146.7	11.6
FM - Front-Medium(30-60)	12509	28.3
FH - Front-High(60-80)	5806.6	13.1
FVH - Front-Very High(80-90)	404.02	0.9
Total Forward Light	23866	54.0

BL - Back-Low(0-30)	4445.1	10.1
BM - Back-Medium(30-60)	9998	22.6
BH - Back-High(60-80)	5424	12.3
BVH - Back-Very High(80-90)	468.84	1.1
Total Back Light	20336	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	B5-U0-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	20336	0	20336
Street Side	23866	0	23866

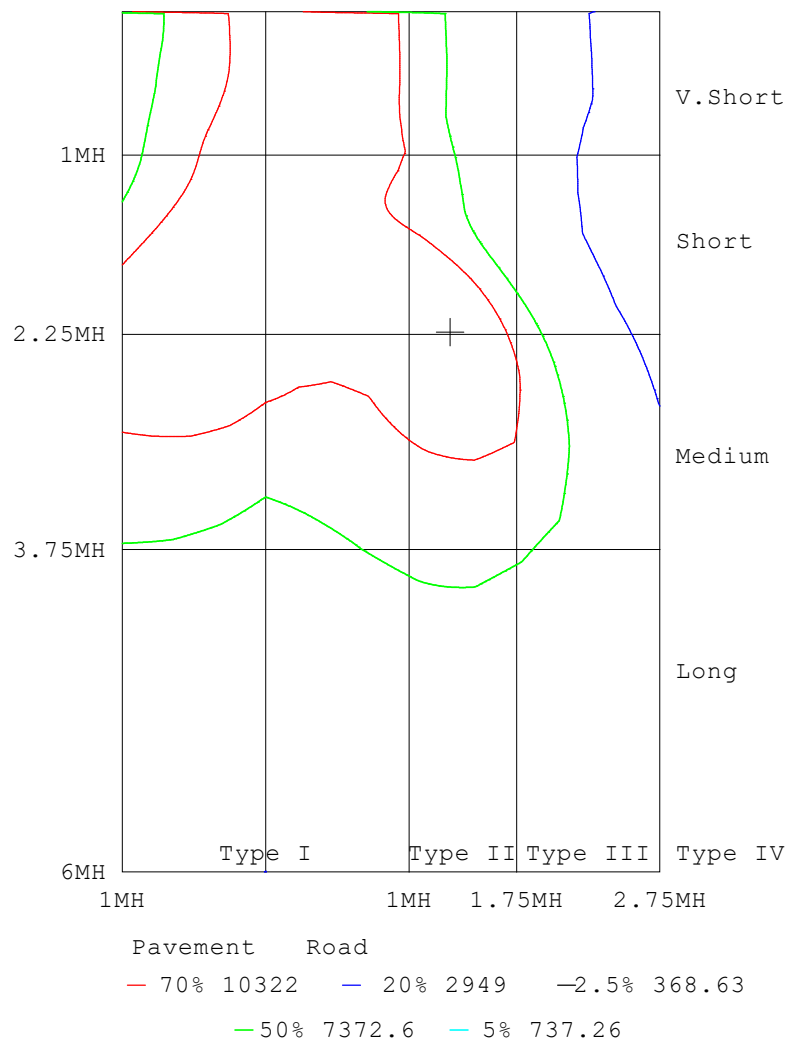
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 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	1184	1184	1183	1183	1182	1182	1182	1181	1181	1180	1180	1179	1179	1178	1177	1176	1175	1175	1174
5	1184	1186	1188	1190	1191	1193	1195	1196	1197	1198	1199	1200	1200	1200	1200	1199	1199	1199	1198
10	1181	1186	1191	1195	1198	1202	1204	1207	1209	1211	1213	1214	1215	1216	1217	1217	1217	1216	1216
15	1180	1188	1195	1201	1206	1211	1215	1218	1221	1224	1226	1227	1228	1229	1229	1229	1229	1228	1228
20	1185	1195	1204	1212	1217	1222	1225	1228	1230	1232	1233	1233	1233	1233	1233	1232	1231	1230	1229
25	1197	1209	1219	1226	1231	1233	1234	1234	1233	1232	1230	1228	1227	1226	1225	1224	1223	1222	1221
30	1222	1233	1241	1245	1245	1242	1236	1233	1228	1223	1218	1214	1211	1208	1207	1206	1204	1203	1202
35	1259	1265	1267	1265	1255	1243	1230	1219	1210	1202	1195	1189	1183	1179	1175	1171	1168	1165	1164
40	1296	1300	1297	1287	1266	1242	1216	1200	1186	1173	1162	1152	1142	1132	1121	1112	1103	1097	1093
45	1324	1325	1318	1302	1271	1236	1201	1179	1160	1142	1121	1099	1077	1053	1030	1009	990	976	969
50	1365	1339	1310	1276	1232	1188	1148	1130	1114	1094	1050	1002	952	909	871	839	814	797	789
55	1415	1352	1290	1231	1168	1112	1064	1050	1036	1012	932	842	756	705	667	641	621	608	604
60	1429	1338	1259	1192	1144	1101	1058	1003	939	864	754	644	548	507	487	478	465	457	453
65	1318	1241	1194	1175	1234	1284	1288	1105	880	654	530	442	384	357	347	347	337	329	324
70	1021	985	991	1040	1218	1374	1444	1177	836	497	362	287	252	225	214	211	196	184	177
75	627	692	749	797	867	906	892	722	516	316	228	174	145	121	107	101	92.8	88.2	86.7
80	319	419	483	512	497	453	390	311	229	155	114	86.9	70.0	57.8	50.8	47.2	42.8	40.0	38.7
85	133	177	203	211	196	168	134	103	73.4	47.7	33.5	24.2	18.6	14.2	11.5	9.70	7.18	5.21	3.98
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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 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	1173	1172	1171	1171	1171	1172	1171	1171	1171	1171	1172	1172	1171	1171	1172	1176	1180	1184	1184
5	1197	1196	1195	1194	1194	1193	1192	1191	1190	1189	1188	1187	1184	1182	1181	1182	1184	1186	1183
10	1215	1214	1213	1212	1211	1210	1209	1208	1207	1205	1204	1202	1198	1195	1192	1192	1191	1190	1184
15	1227	1227	1226	1225	1225	1224	1224	1223	1223	1222	1221	1219	1216	1212	1208	1206	1203	1198	1189
20	1229	1229	1229	1229	1229	1230	1232	1233	1235	1237	1238	1239	1237	1235	1232	1229	1225	1217	1203
25	1221	1221	1221	1221	1222	1224	1228	1232	1237	1242	1248	1253	1258	1261	1263	1263	1259	1250	1232
30	1201	1202	1203	1203	1204	1206	1210	1216	1224	1234	1244	1256	1269	1282	1292	1300	1302	1297	1276
35	1165	1167	1170	1171	1174	1177	1183	1191	1202	1217	1234	1253	1277	1300	1320	1334	1340	1336	1316
40	1097	1103	1112	1120	1129	1139	1150	1163	1180	1202	1227	1255	1285	1313	1337	1352	1357	1352	1329
45	975	987	1004	1024	1047	1071	1097	1123	1149	1171	1195	1219	1252	1284	1315	1345	1365	1370	1342
50	793	805	827	858	895	938	987	1035	1078	1097	1113	1133	1177	1226	1278	1335	1380	1406	1387
55	605	614	631	655	691	740	820	907	988	1032	1067	1100	1147	1198	1251	1318	1377	1420	1429
60	455	461	473	479	499	540	635	749	874	1001	1116	1206	1221	1217	1210	1253	1302	1349	1389
65	326	332	342	338	348	382	471	592	739	956	1158	1307	1260	1164	1060	1061	1085	1123	1160
70	181	191	204	208	222	253	321	414	533	729	913	1049	998	899	790	769	768	781	796
75	87.6	91.8	99.3	107	122	145	182	230	292	386	479	557	576	571	551	519	487	466	497
80	39.0	40.7	44.0	47.4	53.2	62.5	76.4	95.6	121	162	205	244	267	282	286	262	240	234	309
85	4.22	5.18	6.66	7.74	9.45	12.1	15.9	21.3	28.7	40.7	53.7	66.5	77.8	86.3	90.8	79.4	69.4	67.3	107
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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm		
NAME: ASD-LSB5B-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 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	1184	1183	1182	1182	1182	1181	1181	1180	1180	1179	1179	1178	1177	1176	1175	1175	1174	1173	1172
5	1180	1176	1173	1169	1166	1163	1160	1157	1154	1151	1149	1146	1143	1141	1139	1138	1138	1137	1136
10	1177	1169	1162	1155	1148	1140	1133	1126	1119	1114	1109	1103	1098	1094	1091	1090	1089	1087	1086
15	1177	1164	1152	1139	1126	1113	1100	1088	1077	1068	1059	1050	1043	1037	1033	1030	1028	1027	1027
20	1186	1167	1147	1126	1106	1085	1066	1048	1032	1018	1005	994	984	976	970	966	964	962	963
25	1209	1182	1152	1121	1090	1061	1034	1009	988	970	954	939	926	916	907	901	897	896	897
30	1247	1211	1169	1124	1079	1040	1004	972	947	924	905	886	869	854	841	832	826	825	829
35	1285	1244	1189	1130	1072	1021	976	936	904	875	850	824	800	779	763	750	743	744	750
40	1295	1251	1195	1133	1069	1010	953	900	854	813	777	743	714	691	673	661	656	657	665
45	1297	1240	1177	1108	1037	970	906	844	786	732	686	650	623	603	588	579	575	575	581
50	1343	1278	1191	1094	994	907	825	750	686	631	587	558	539	527	517	511	508	508	511
55	1410	1360	1261	1141	1009	880	758	651	581	531	499	481	473	471	464	459	456	457	461
60	1408	1396	1320	1210	1072	897	721	565	489	445	422	407	400	400	396	395	395	396	399
65	1190	1204	1188	1140	1053	872	677	496	417	372	352	334	326	323	321	320	321	321	323
70	815	834	868	882	860	722	561	406	340	301	279	253	234	220	209	202	201	205	213
75	536	570	570	552	514	440	358	279	237	206	182	156	134	117	110	107	108	107	110
80	386	440	382	296	205	165	139	122	110	103	96.8	86.3	76.4	68.3	65.5	64.8	65.5	64.7	65.5
85	147	176	146	103	57.6	41.4	33.0	30.3	29.8	31.4	33.5	32.6	31.3	29.9	29.3	29.1	29.3	30.0	31.2
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:2.0310A P:239.85W PF:0.9952 Freq:50.02Hz Lamp Flux:44201.9x1 lm																	
NAME: ASD-LSB5B-NEOX-240BR									TYPE: NEOX T3						WEIGHT:		
SPEC.: 240W 5000K									DIM.:						SERIAL No.:		
MFR.: ASD LIGHTING CORP									SUR.:						Shielding Angle:		

Table--4

UNIT: X10cd

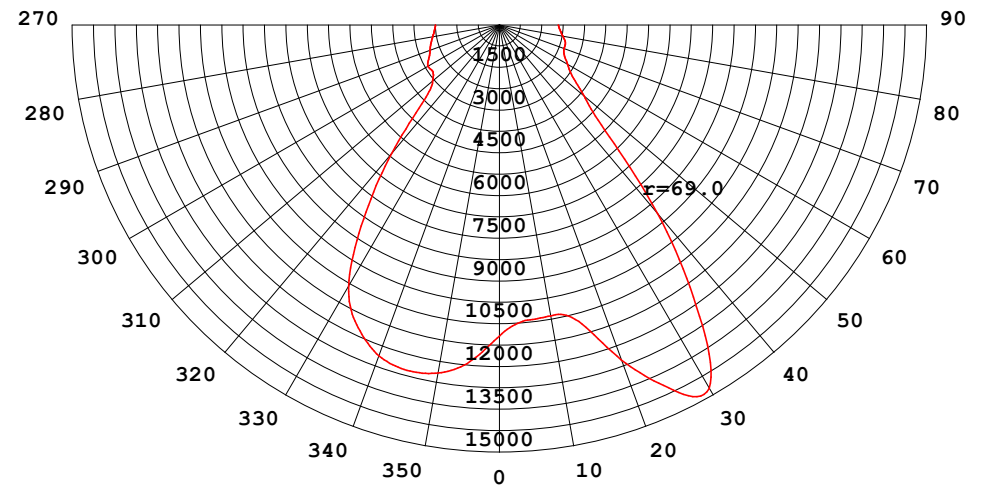
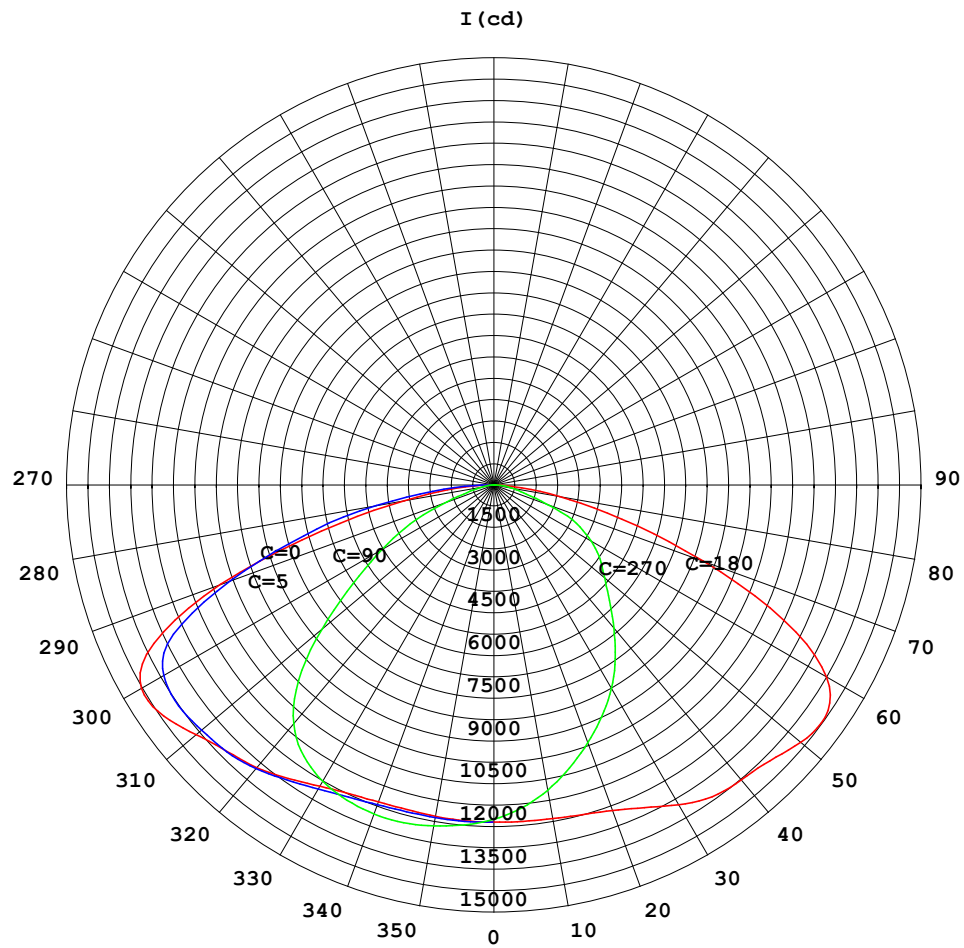
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1171	1171	1171	1172	1171	1171	1171	1171	1172	1172	1171	1171	1172	1175	1179				
5	1136	1137	1138	1140	1141	1143	1145	1148	1151	1154	1156	1159	1163	1168	1175				
10	1087	1089	1093	1097	1101	1106	1111	1118	1125	1131	1137	1144	1151	1160	1170				
15	1029	1033	1038	1045	1052	1061	1070	1081	1092	1104	1115	1125	1137	1150	1165				
20	965	971	979	989	999	1011	1025	1041	1057	1074	1091	1108	1126	1145	1164				
25	902	910	921	934	947	963	980	1000	1022	1045	1070	1095	1121	1146	1172				
30	837	849	865	883	899	917	938	963	990	1021	1055	1090	1126	1159	1191				
35	762	781	804	828	850	873	898	928	962	999	1046	1094	1143	1184	1223				
40	678	700	726	756	787	820	856	894	936	983	1043	1105	1166	1215	1259				
45	592	610	635	667	707	753	804	856	913	972	1040	1109	1174	1230	1280				
50	519	529	547	574	617	668	728	794	865	939	1019	1099	1176	1244	1307				
55	467	468	475	491	523	569	630	715	811	915	1025	1132	1230	1306	1368				
60	403	403	407	418	434	468	528	647	788	941	1100	1245	1365	1426	1447				
65	326	328	334	346	345	369	433	616	829	1043	1204	1331	1414	1434	1402				
70	225	239	256	276	272	294	360	576	816	1039	1137	1185	1190	1169	1113				
75	118	136	159	186	196	222	278	437	608	758	799	799	770	739	692				
80	69.0	78.1	90.2	105	113	129	156	219	290	359	410	445	459	439	392				
85	33.1	36.3	39.8	43.3	43.6	45.3	50.0	58.0	73.5	99.0	161	220	262	252	209				
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:	23866 lm
STREET UP:	0 lm
HOUSE DOWN:	20336 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 14740 \text{ cd}$

