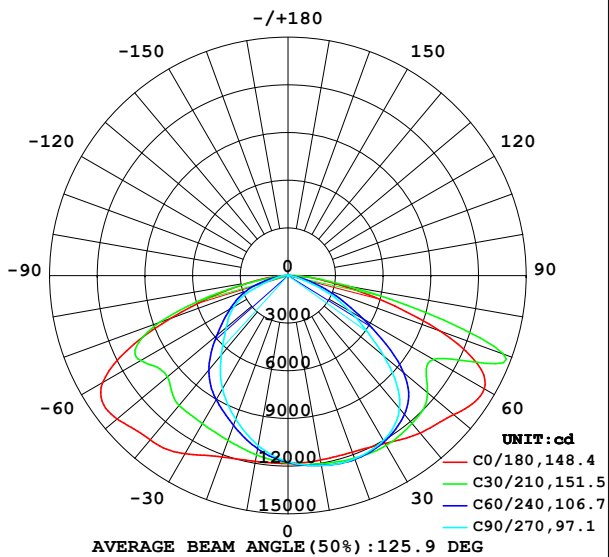
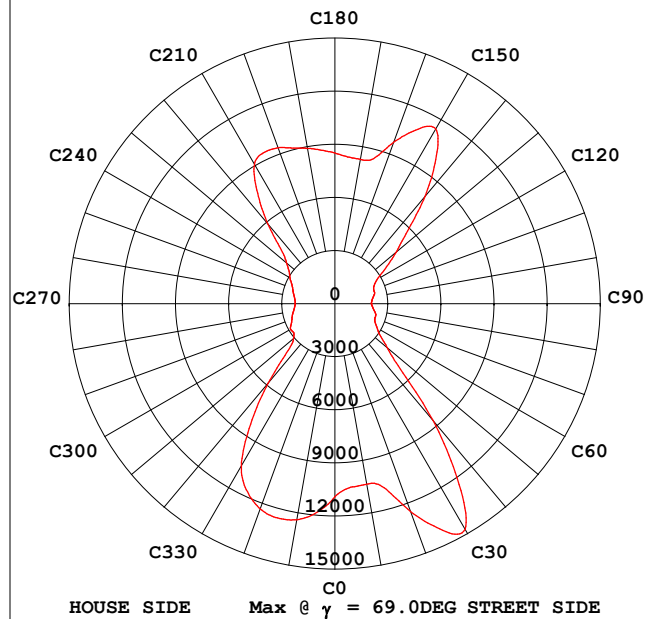


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-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: 185.04 lm/W			
MODEL	ASD-LSB5BHV-NEOX-240BR	I _{max} (cd)	14717	η street_up (%)	0.0
NOMINAL POWER (W)	240	LOR (%)	100.0	η street_down (%)	54.0
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	44132	η house_up (%)	0.0
NOMINAL FLUX (lm)	44131.9	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	

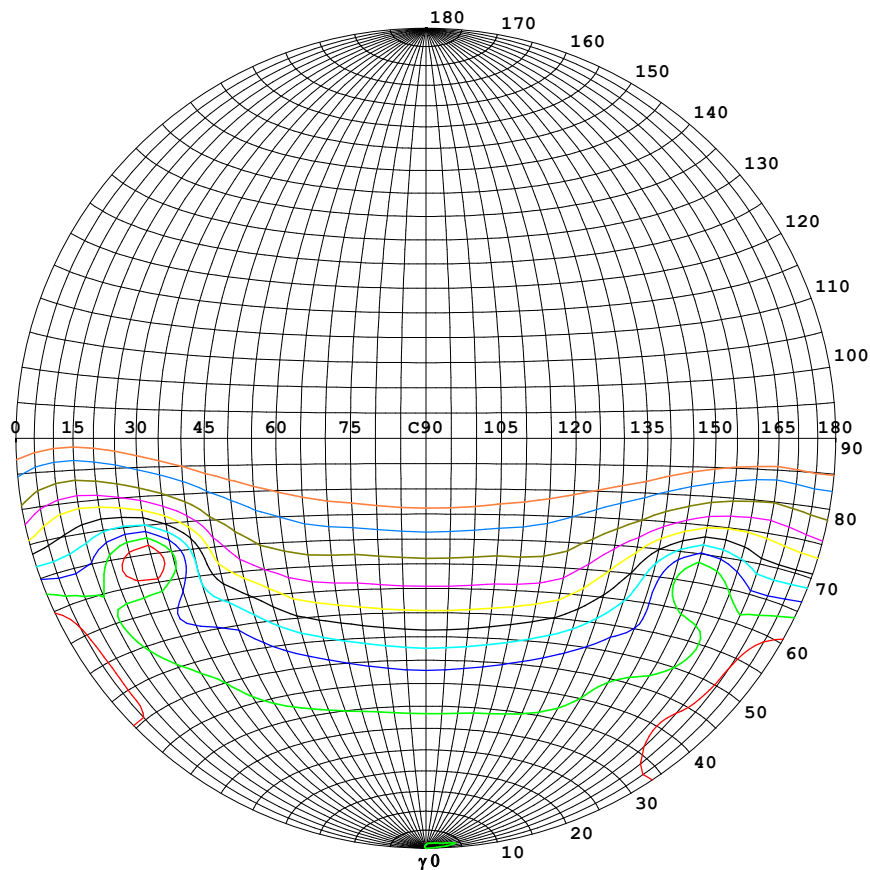
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



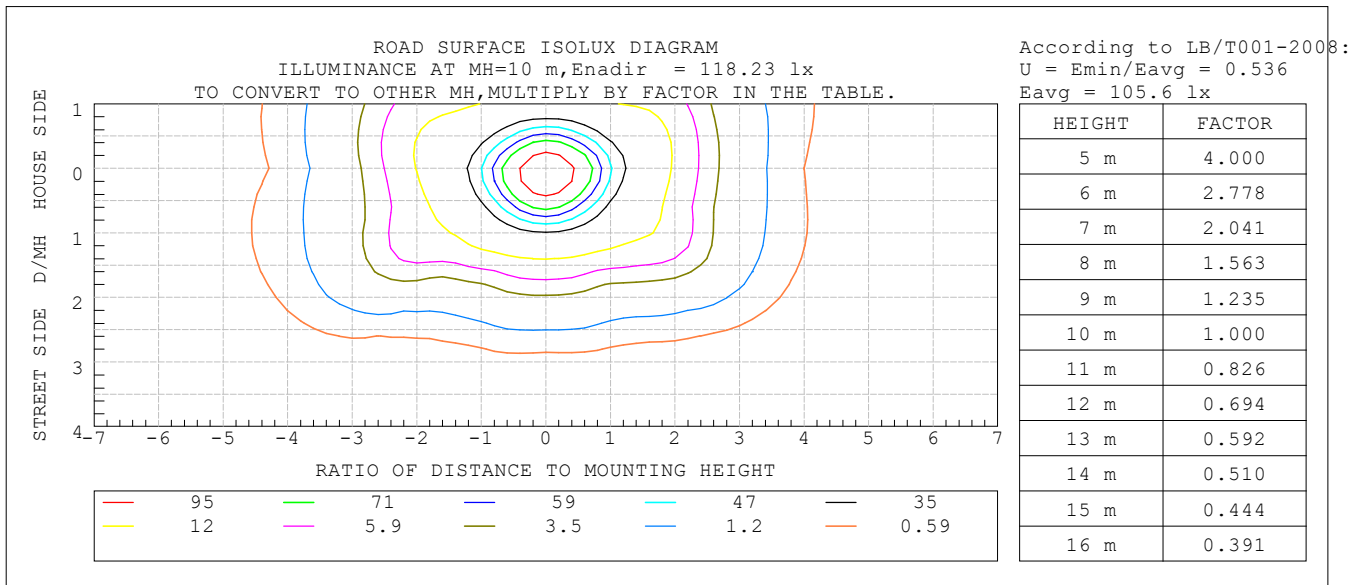
Classification:

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
Imax=100%	14717
90%	13245
80%	11773
70%	10302
60%	8830
50%	7358
40%	5887
30%	4415
20%	2943
10%	1472
5%	736

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:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

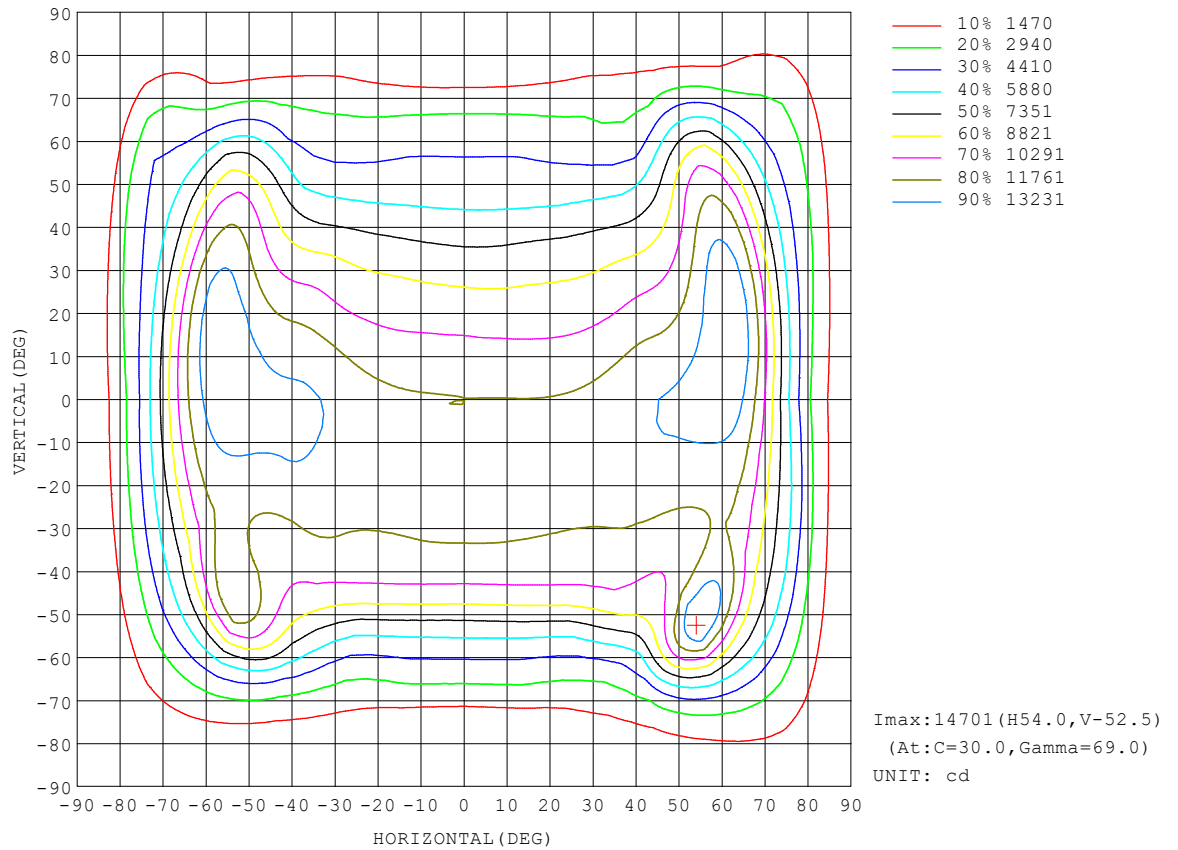
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	ℓlum,lamp
10	1179	1209	1214	1205	1188	1124	1087	1110	0- 10	1115	1115	2.53,2.53
20	1183	1230	1227	1233	1215	1046	962.1	1023	10- 20	3260	4376	9.92,9.92
30	1220	1221	1200	1222	1295	970.7	824.6	936.3	20- 30	5201	9577	21.7,21.7
40	1294	1171	1092	1178	1350	898.6	654.8	854.9	30- 40	6826	16402	37.2,37.2
50	1362	1092	787.7	1077	1404	749.1	507.3	726.8	40- 50	7798	24200	54.8,54.8
60	1426	862.3	452.6	872.7	1347	564.3	394.3	527.2	50- 60	7847	32048	72.6,72.6
70	1020	496.6	176.3	532.5	780.1	405.8	200.4	359.4	60- 70	7195	39243	88.9,88.9
80	318.8	154.4	38.66	120.9	233.7	122.0	65.41	155.5	70- 80	4018	43260	98,98
90	0	0	0	0	0	0	0	0	80- 90	871.5	44132	100,100
100	0	0	0	0	0	0	0	0	90-100	0	44132	100,100
110	0	0	0	0	0	0	0	0	100-110	0	44132	100,100
120	0	0	0	0	0	0	0	0	110-120	0	44132	100,100
130	0	0	0	0	0	0	0	0	120-130	0	44132	100,100
140	0	0	0	0	0	0	0	0	130-140	0	44132	100,100
150	0	0	0	0	0	0	0	0	140-150	0	44132	100,100
160	0	0	0	0	0	0	0	0	150-160	0	44132	100,100
170	0	0	0	0	0	0	0	0	160-170	0	44132	100,100
180	0	0	0	0	0	0	0	0	170-180	0	44132	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

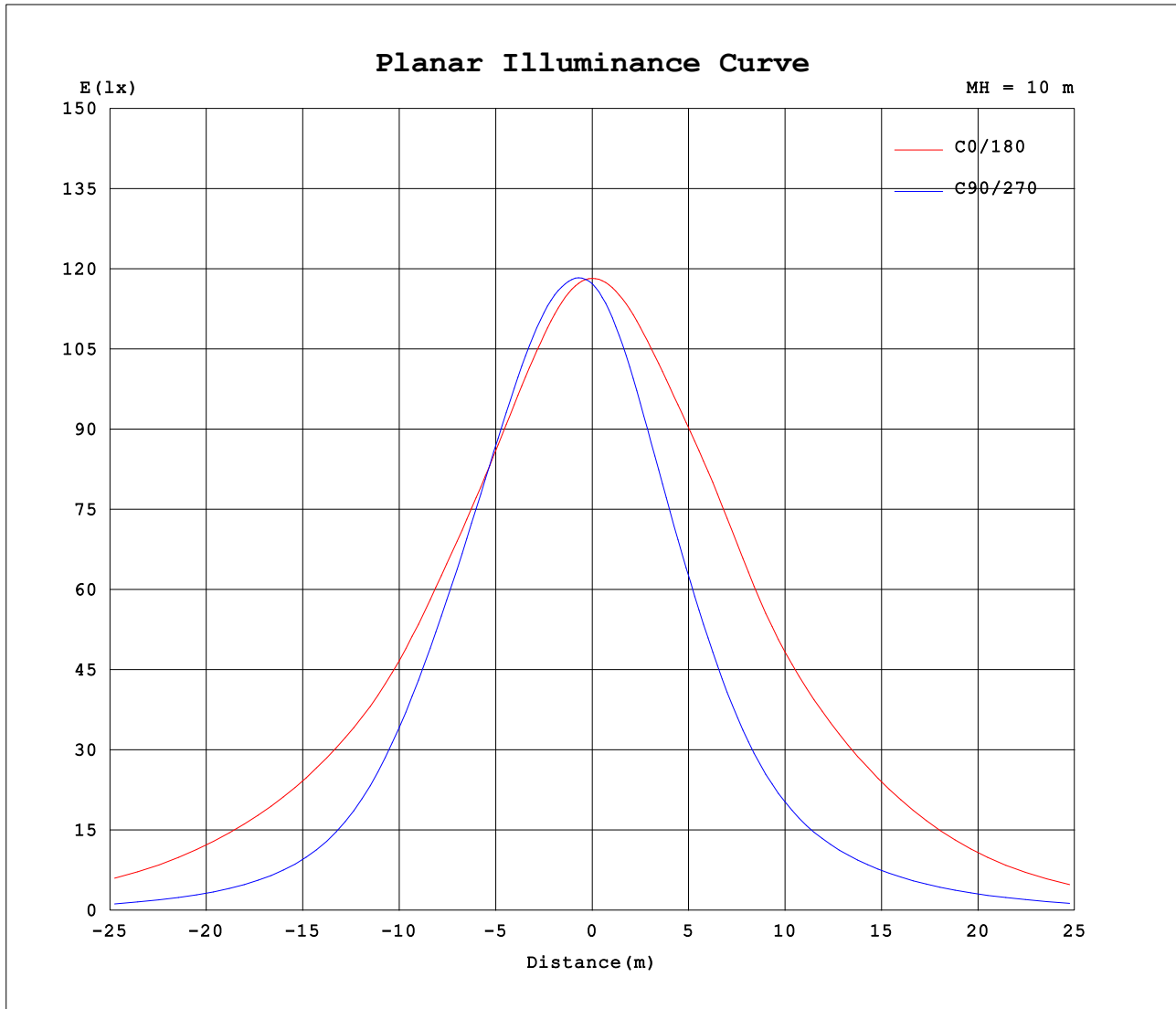
Test:U:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOF T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



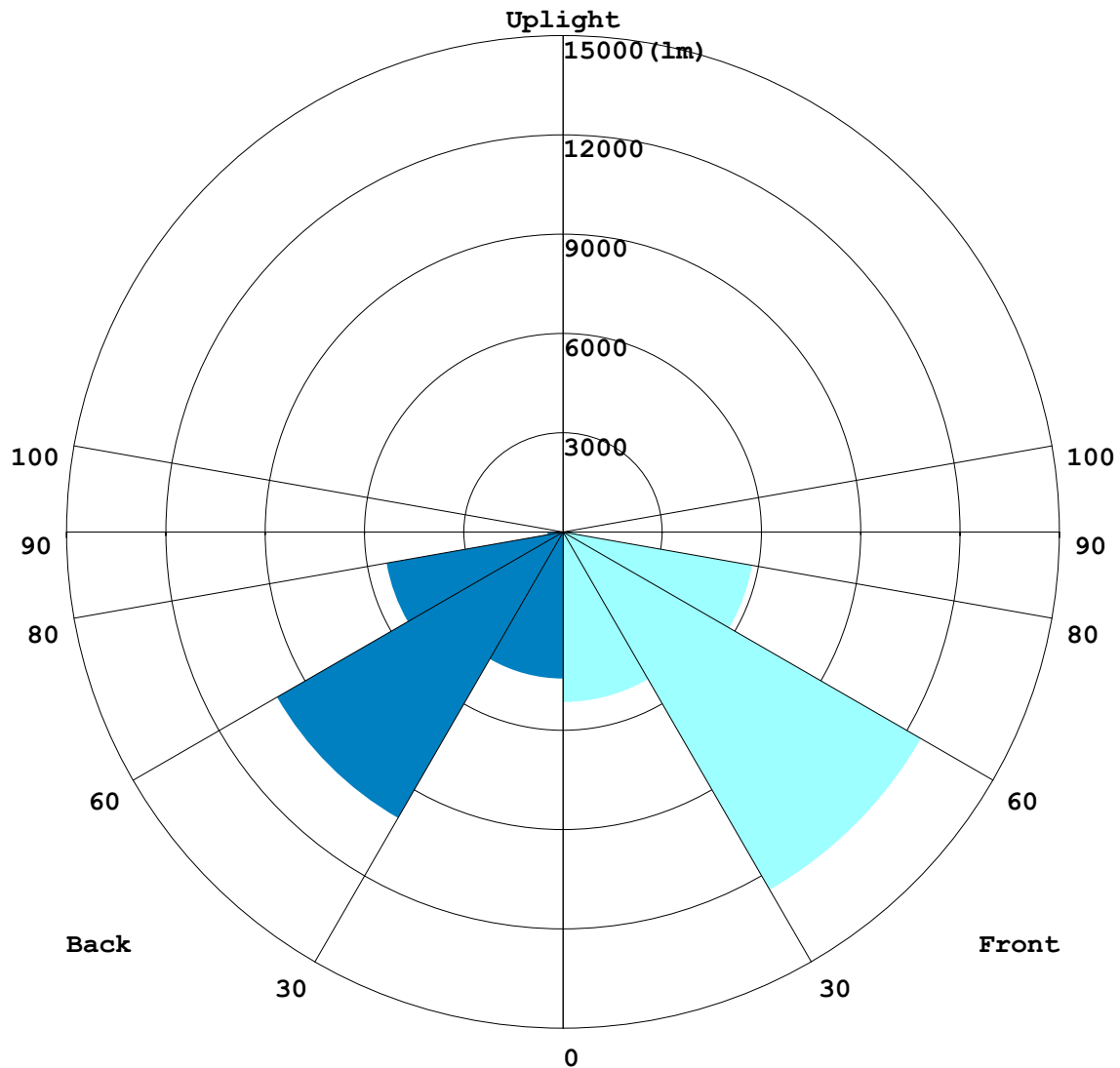
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2025-2-25

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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOX 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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOX 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)	5138.6	11.6
FM - Front-Medium(30-60)	12489	28.3
FH - Front-High(60-80)	5797.4	13.1
FVH - Front-Very High(80-90)	403.38	0.9
Total Forward Light	23828	54.0

BL - Back-Low(0-30)	4438.1	10.1
BM - Back-Medium(30-60)	9982.1	22.6
BH - Back-High(60-80)	5415.4	12.3
BVH - Back-Very High(80-90)	468.1	1.1
Total Back Light	20304	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	20304	0	20304
Street Side	23828	0	23828

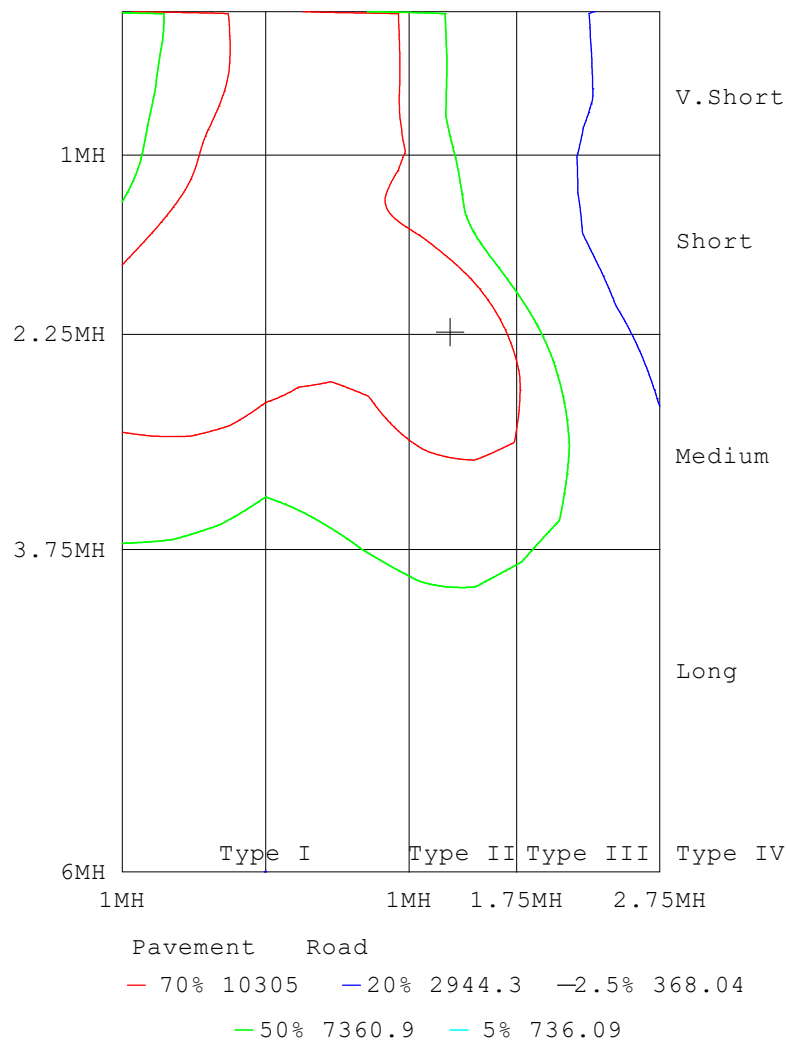
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-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	1182	1182	1181	1181	1180	1180	1180	1179	1179	1178	1178	1177	1177	1176	1175	1174	1173	1173	1172
5	1182	1184	1186	1188	1190	1191	1193	1194	1195	1196	1197	1198	1198	1198	1198	1197	1197	1197	1196
10	1179	1184	1189	1193	1196	1200	1203	1205	1207	1209	1211	1212	1213	1214	1215	1215	1215	1214	1214
15	1178	1186	1193	1199	1204	1209	1213	1216	1219	1222	1224	1225	1226	1227	1227	1227	1227	1226	1226
20	1183	1193	1202	1210	1215	1220	1223	1226	1228	1230	1231	1231	1231	1231	1231	1230	1229	1228	1227
25	1195	1207	1217	1224	1229	1231	1232	1232	1231	1230	1228	1226	1225	1224	1223	1222	1221	1220	1220
30	1220	1231	1239	1243	1243	1240	1234	1231	1226	1221	1217	1212	1209	1207	1205	1204	1202	1201	1200
35	1257	1263	1265	1263	1253	1241	1228	1218	1208	1200	1193	1187	1182	1177	1173	1169	1166	1163	1162
40	1294	1298	1295	1285	1264	1240	1215	1198	1184	1171	1160	1150	1140	1130	1120	1110	1102	1095	1092
45	1322	1323	1316	1300	1269	1234	1199	1177	1158	1140	1119	1097	1075	1051	1028	1007	989	975	968
50	1362	1337	1308	1274	1230	1186	1146	1128	1112	1092	1049	1000	950	908	870	838	813	796	788
55	1413	1350	1288	1229	1167	1110	1062	1048	1035	1010	931	841	754	704	666	640	620	607	603
60	1426	1336	1257	1190	1142	1099	1056	1001	937	862	753	643	547	506	486	478	464	456	453
65	1315	1239	1192	1173	1232	1282	1286	1103	879	653	529	441	383	356	347	347	336	328	324
70	1020	983	990	1039	1216	1372	1442	1175	835	497	362	286	252	225	214	211	196	184	176
75	626	691	748	796	865	904	891	721	515	315	227	174	145	121	107	101	92.7	88.1	86.6
80	319	418	482	512	496	453	389	310	229	154	114	86.8	69.8	57.7	50.7	47.1	42.7	39.9	38.7
85	133	176	202	211	195	168	134	103	73.3	47.6	33.4	24.2	18.5	14.2	11.4	9.68	7.17	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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-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	1171	1170	1170	1169	1170	1170	1169	1169	1169	1169	1170	1170	1169	1169	1170	1174	1178	1182	1183
5	1195	1194	1193	1192	1192	1191	1190	1189	1188	1187	1186	1185	1182	1180	1179	1180	1182	1184	1181
10	1213	1212	1211	1210	1209	1208	1207	1206	1205	1203	1202	1200	1196	1193	1190	1190	1189	1188	1182
15	1225	1225	1224	1223	1223	1222	1222	1222	1221	1220	1219	1217	1214	1210	1206	1204	1201	1197	1187
20	1227	1227	1227	1227	1228	1228	1230	1231	1233	1235	1236	1237	1235	1233	1230	1227	1223	1215	1201
25	1219	1219	1219	1219	1220	1222	1226	1230	1235	1240	1246	1251	1256	1259	1261	1261	1257	1248	1230
30	1200	1200	1201	1201	1202	1204	1208	1214	1222	1232	1242	1254	1267	1280	1290	1298	1300	1295	1274
35	1163	1165	1168	1170	1172	1176	1181	1189	1200	1215	1232	1251	1275	1298	1318	1332	1338	1334	1314
40	1095	1102	1110	1118	1127	1137	1148	1161	1178	1200	1225	1253	1283	1311	1335	1350	1355	1350	1327
45	973	985	1003	1022	1045	1070	1095	1121	1147	1170	1193	1217	1250	1282	1313	1343	1363	1368	1340
50	791	804	826	857	894	936	986	1034	1077	1096	1111	1131	1175	1224	1276	1333	1378	1404	1385
55	604	613	630	654	690	738	819	905	986	1030	1065	1098	1145	1196	1249	1316	1375	1418	1427
60	454	461	472	478	498	539	634	748	873	1000	1114	1204	1219	1215	1208	1251	1300	1347	1386
65	326	332	341	338	348	382	471	591	738	954	1156	1305	1258	1162	1059	1059	1084	1121	1158
70	181	190	204	208	221	253	320	413	533	728	911	1047	996	898	789	768	767	780	795
75	87.5	91.6	99.1	107	122	145	181	230	291	385	478	556	575	571	550	518	486	466	497
80	38.9	40.7	43.9	47.3	53.1	62.4	76.3	95.5	121	162	204	243	267	281	286	262	240	234	308
85	4.21	5.17	6.64	7.73	9.44	12.1	15.9	21.3	28.7	40.6	53.6	66.4	77.7	86.2	90.7	79.3	69.3	67.2	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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-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	1182	1181	1180	1180	1180	1179	1179	1178	1178	1177	1177	1176	1175	1174	1173	1173	1172	1171	1170
5	1178	1174	1171	1168	1164	1161	1158	1155	1152	1149	1147	1144	1141	1139	1138	1137	1136	1135	1134
10	1175	1167	1160	1153	1146	1138	1131	1124	1118	1112	1107	1101	1096	1092	1090	1088	1087	1085	1085
15	1175	1162	1150	1137	1124	1111	1098	1086	1076	1066	1057	1049	1041	1035	1031	1028	1027	1025	1025
20	1184	1165	1145	1125	1104	1084	1064	1046	1030	1016	1004	992	983	975	969	965	962	961	961
25	1207	1180	1150	1119	1088	1059	1032	1007	986	968	952	937	925	914	906	900	896	895	896
30	1245	1209	1167	1122	1077	1038	1003	971	945	923	904	884	867	852	840	830	825	824	828
35	1283	1242	1187	1128	1070	1020	975	935	902	874	849	822	799	778	761	749	742	743	749
40	1293	1249	1193	1131	1067	1008	951	899	853	812	775	742	713	690	672	660	655	656	664
45	1295	1238	1175	1106	1035	969	904	843	784	731	684	649	622	602	587	578	574	574	580
50	1341	1276	1189	1093	993	905	823	749	684	630	586	557	538	526	516	510	507	507	510
55	1407	1358	1260	1139	1007	879	757	650	580	531	498	480	472	470	463	458	455	456	460
60	1405	1393	1318	1208	1071	895	720	564	488	444	422	406	400	399	396	394	394	396	398
65	1189	1202	1187	1139	1052	871	675	495	416	372	351	333	325	323	320	319	320	321	322
70	814	833	867	881	859	721	560	406	340	301	279	253	233	219	208	202	200	205	213
75	535	569	569	551	513	439	357	278	236	205	182	156	134	117	110	107	107	107	110
80	385	439	381	296	205	165	139	122	110	102	96.7	86.1	76.3	68.2	65.4	64.7	65.4	64.6	65.4
85	147	176	146	103	57.6	41.3	33.0	30.3	29.8	31.3	33.4	32.5	31.2	29.9	29.2	29.0	29.2	29.9	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:278.67V I:0.8600A P:238.50W PF:0.9952 Freq:50.02Hz Lamp Flux:44131.9x1 lm		
NAME: ASD-LSB5BHV-NEOX-240BR	TYPE: NEOX T3	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

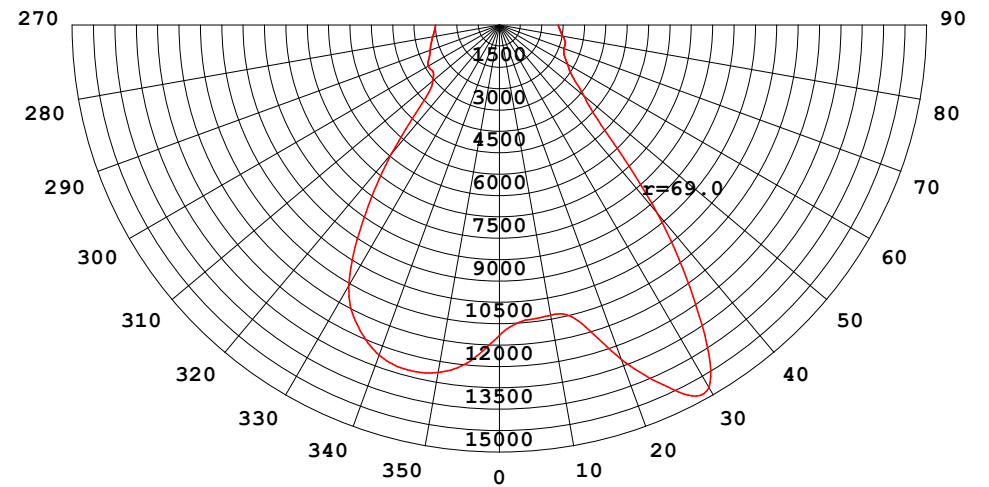
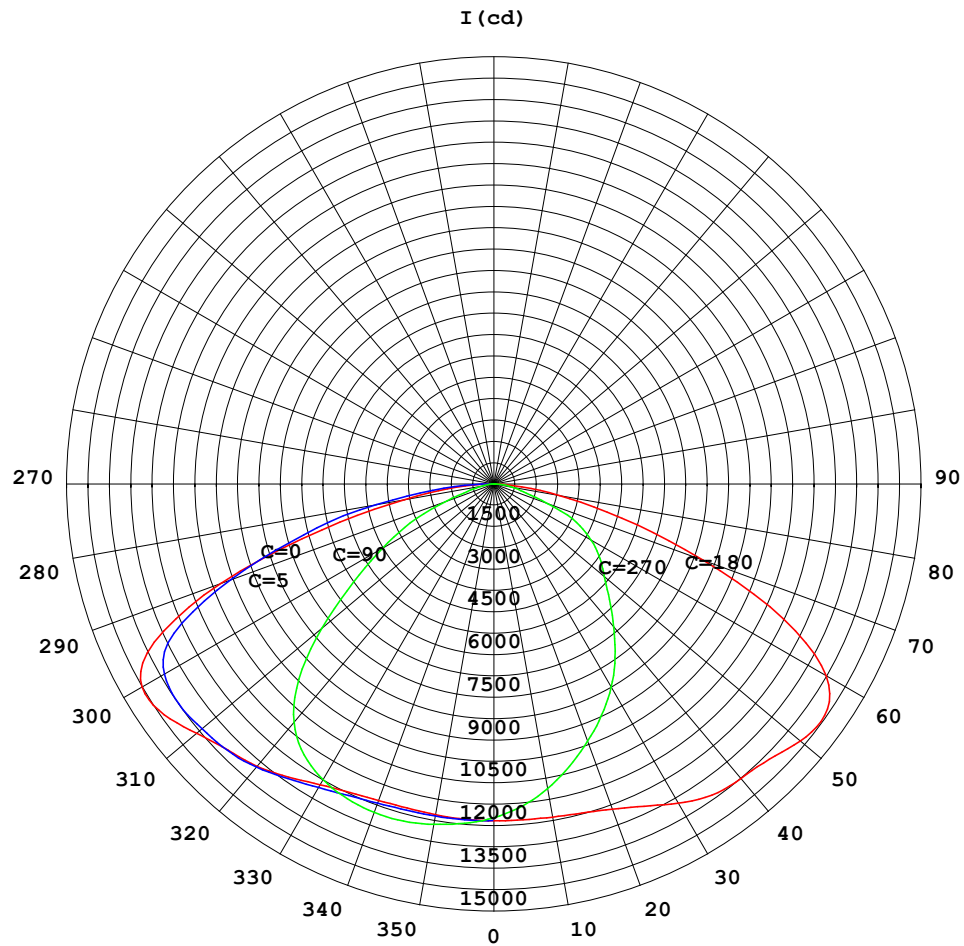
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1170	1169	1170	1170	1169	1169	1169	1169	1170	1170	1169	1169	1170	1173	1177				
5	1134	1135	1136	1138	1139	1141	1143	1146	1149	1152	1155	1157	1161	1166	1173				
10	1085	1088	1091	1095	1100	1104	1110	1116	1123	1130	1136	1142	1149	1158	1168				
15	1027	1031	1036	1043	1051	1059	1069	1079	1091	1102	1113	1124	1135	1148	1163				
20	964	969	977	987	998	1010	1023	1039	1056	1073	1089	1107	1124	1143	1162				
25	900	909	919	932	946	961	978	999	1020	1044	1068	1093	1119	1144	1170				
30	835	848	864	881	898	916	936	961	989	1019	1053	1089	1124	1157	1189				
35	761	780	802	827	848	871	897	926	960	998	1044	1093	1141	1182	1221				
40	677	699	725	755	785	819	855	893	934	981	1041	1104	1164	1213	1257				
45	591	609	634	666	706	752	803	855	911	971	1039	1107	1172	1228	1278				
50	518	529	547	573	616	667	727	792	863	938	1018	1097	1174	1242	1305				
55	466	468	475	490	522	568	629	714	810	914	1023	1130	1228	1304	1366				
60	402	402	406	418	433	467	527	646	787	940	1098	1243	1363	1424	1445				
65	325	328	334	345	345	368	433	615	827	1041	1202	1329	1412	1432	1399				
70	225	238	255	275	272	293	359	575	815	1037	1136	1183	1188	1167	1111				
75	117	135	159	186	196	222	277	436	607	757	798	798	769	738	691				
80	68.8	78.0	90.0	104	113	128	156	219	290	358	410	444	458	438	392				
85	33.1	36.2	39.7	43.2	43.5	45.2	49.9	57.9	73.4	98.8	161	220	262	251	208				
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:	23828 lm
STREET UP:	0 lm
HOUSE DOWN:	20304 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 14717 \text{ cd}$

