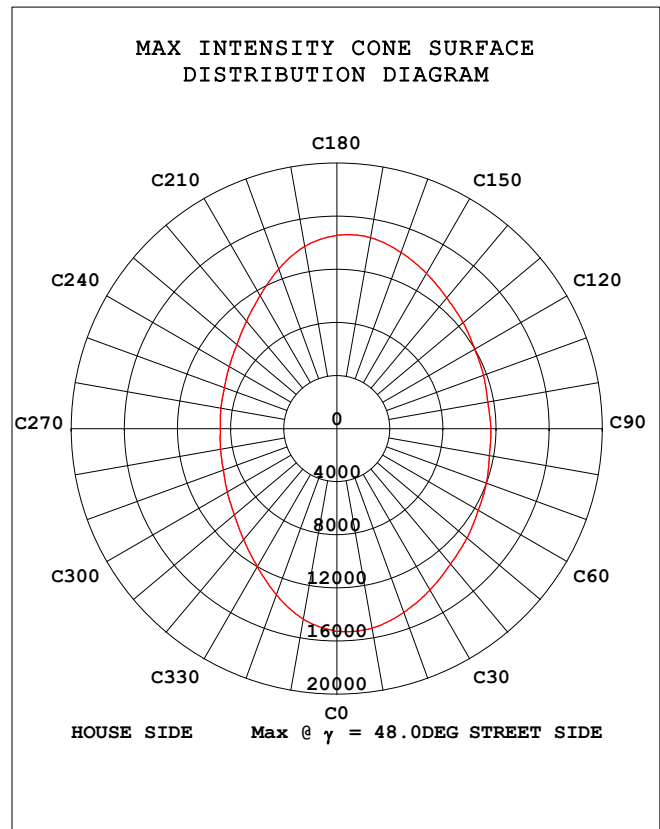
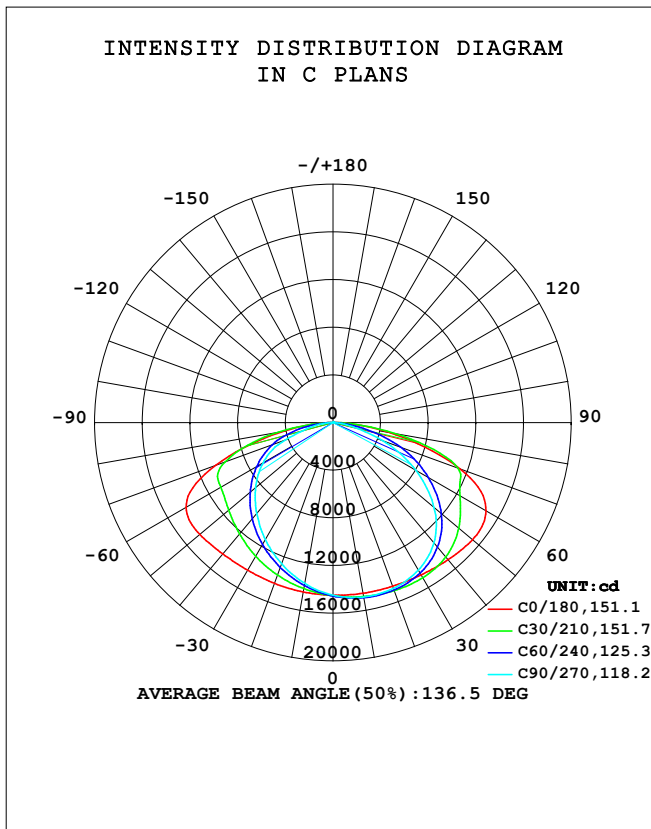


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.66 lm/W			
MODEL ASD-LSB5B-NEOX-300BR		I _{max} (cd)	15323	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	52.6
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	56362	η house_up (%)	0.0
NOMINAL FLUX (lm)	56361.6	MAXIMUM @ (C, γ)	5,48.0	η house_down (%)	47.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	100.0	SLI	

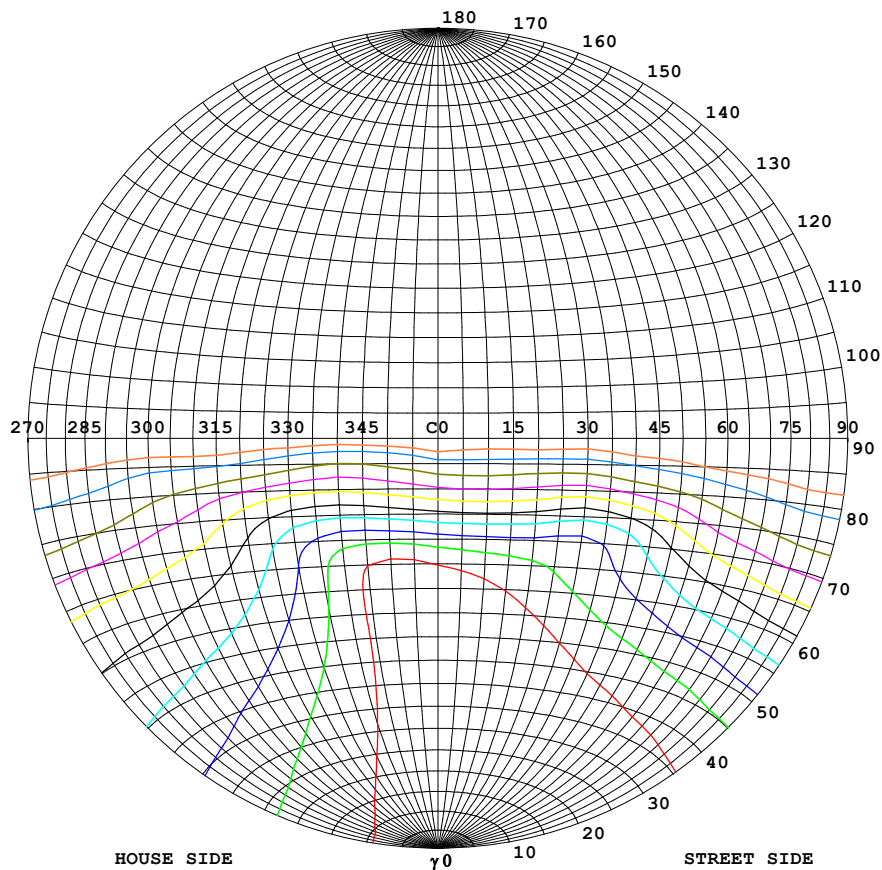


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		



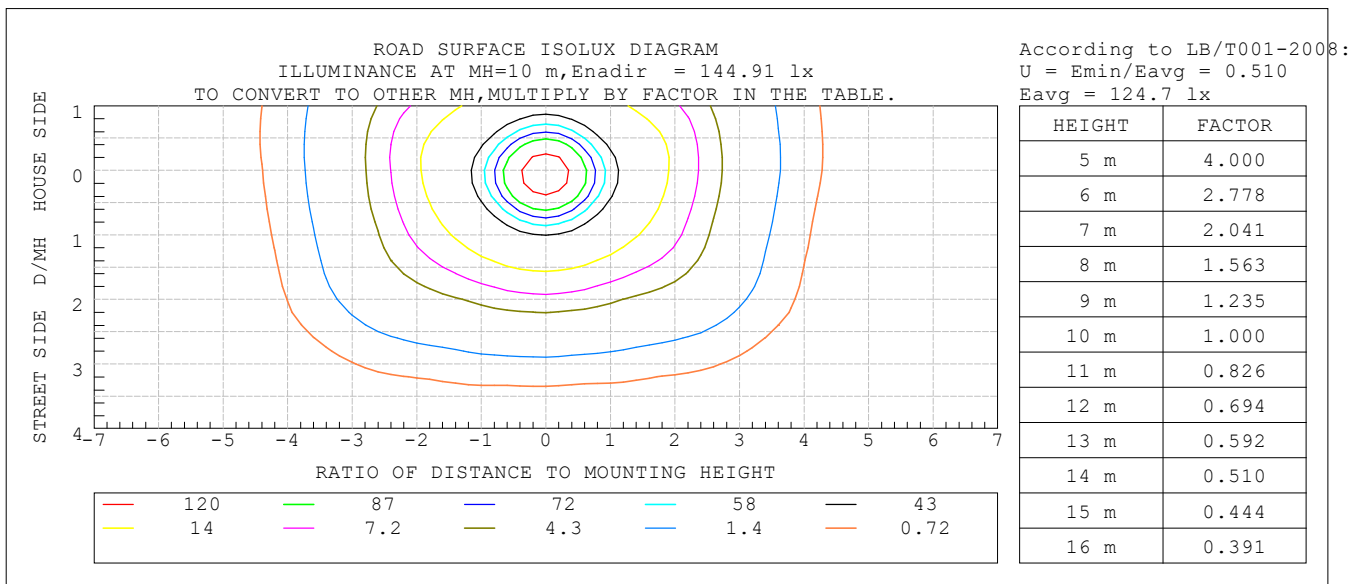
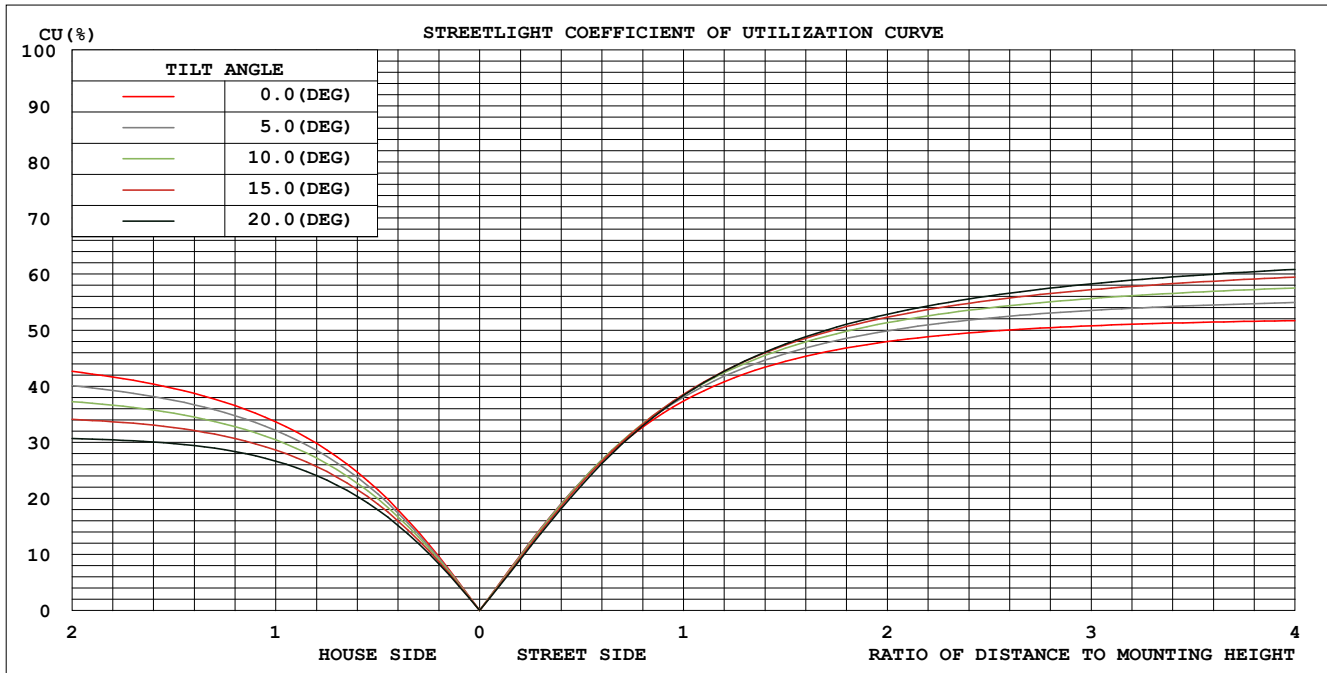
Classification:

IES:Type III - Short
CIE:Narrow - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:105.0cd/klm
Max.At90:0cd/klm
Max.80-90:105.0cd/klm
NRB 5101:Semi limited[14.7%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	15323
90%	13791
80%	12259
70%	10726
60%	9194
50%	7662
40%	6129
30%	4597
20%	3065
10%	1532
5%	766

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

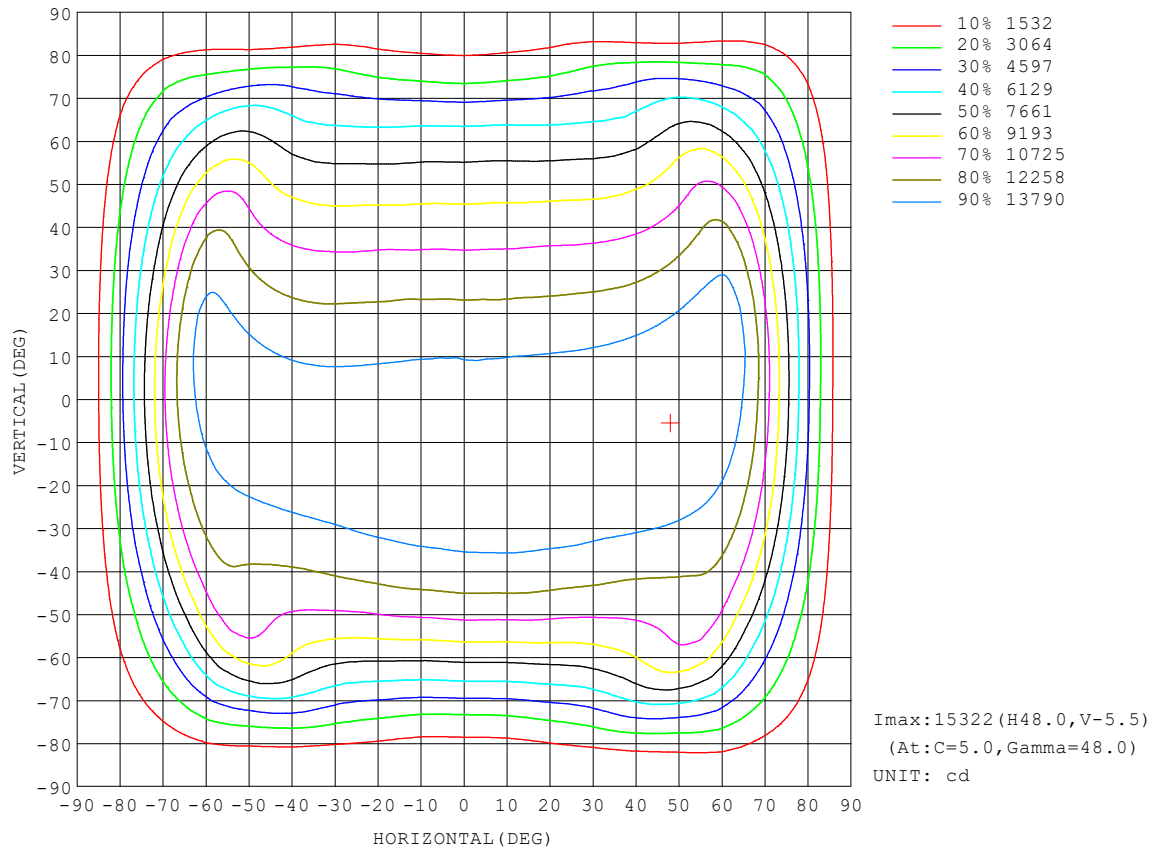
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1454	1489	1486	1477	1443	1400	1371	1401	0- 10	1381	1381	2.45,2.45
20	1462	1502	1481	1480	1436	1325	1263	1333	10- 20	4043	5423	9.62,9.62
30	1477	1484	1431	1452	1432	1231	1136	1249	20- 30	6418	11842	21,21
40	1503	1412	1318	1373	1439	1120	996.1	1146	30- 40	8330	20172	35.8,35.8
50	1529	1270	1107	1230	1460	992.4	848.2	1021	40- 50	9571	29743	52.8,52.8
60	1483	1077	803.6	1043	1424	848.7	678.7	874.0	50- 60	9928	39671	70.4,70.4
70	1132	882.4	438.1	859.2	1046	685.7	422.4	702.3	60- 70	9166	48837	86.6,86.6
80	476.7	379.6	119.8	322.3	421.7	349.5	150.8	401.5	70- 80	5975	54812	97.3,97.3
90	0	0	0	0	0	0	0	0	80- 90	1549	56362	100,100
100	0	0	0	0	0	0	0	0	90-100	0	56362	100,100
110	0	0	0	0	0	0	0	0	100-110	0	56362	100,100
120	0	0	0	0	0	0	0	0	110-120	0	56362	100,100
130	0	0	0	0	0	0	0	0	120-130	0	56362	100,100
140	0	0	0	0	0	0	0	0	130-140	0	56362	100,100
150	0	0	0	0	0	0	0	0	140-150	0	56362	100,100
160	0	0	0	0	0	0	0	0	150-160	0	56362	100,100
170	0	0	0	0	0	0	0	0	160-170	0	56362	100,100
180	0	0	0	0	0	0	0	0	170-180	0	56362	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

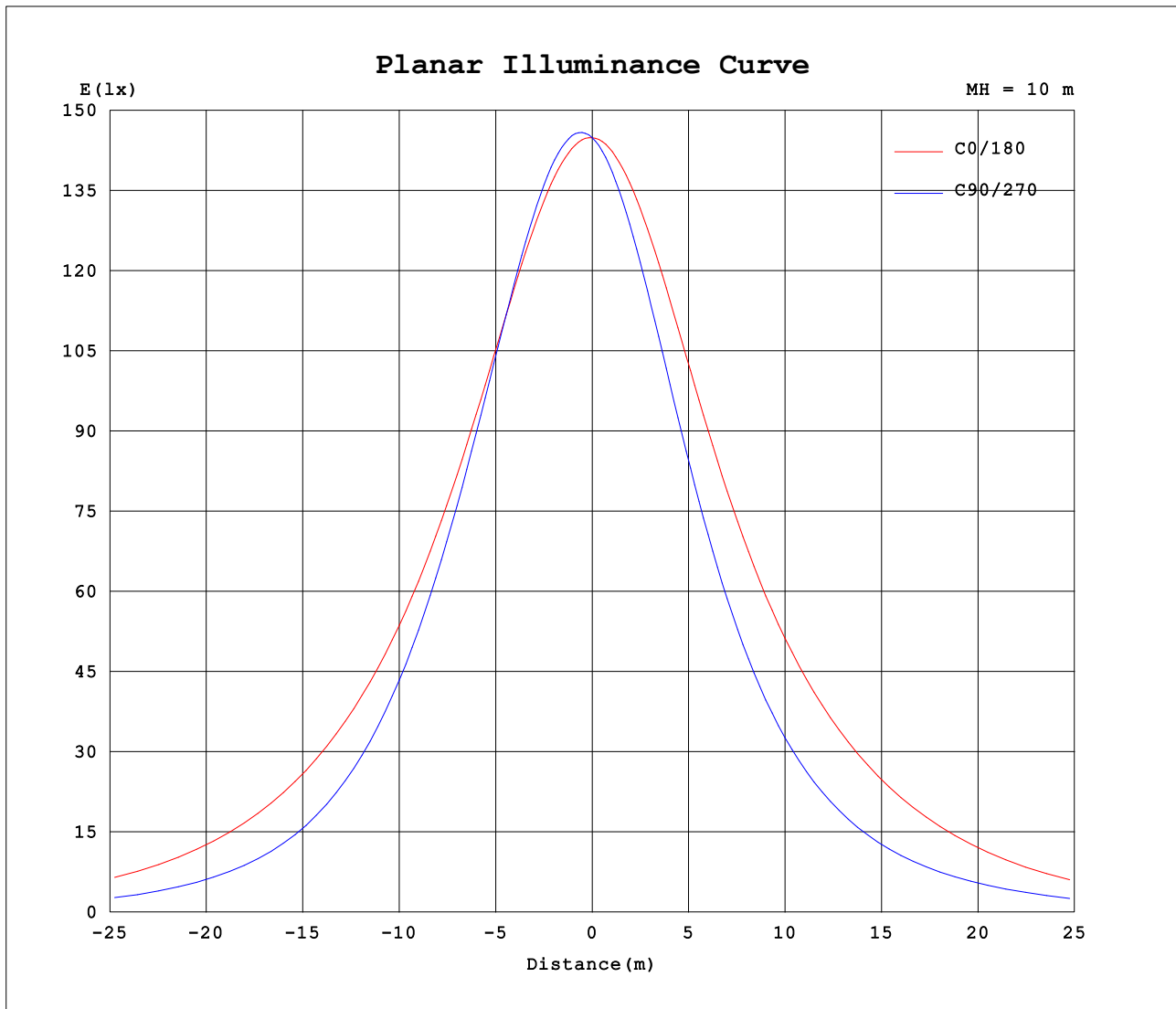
Test:U:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		



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



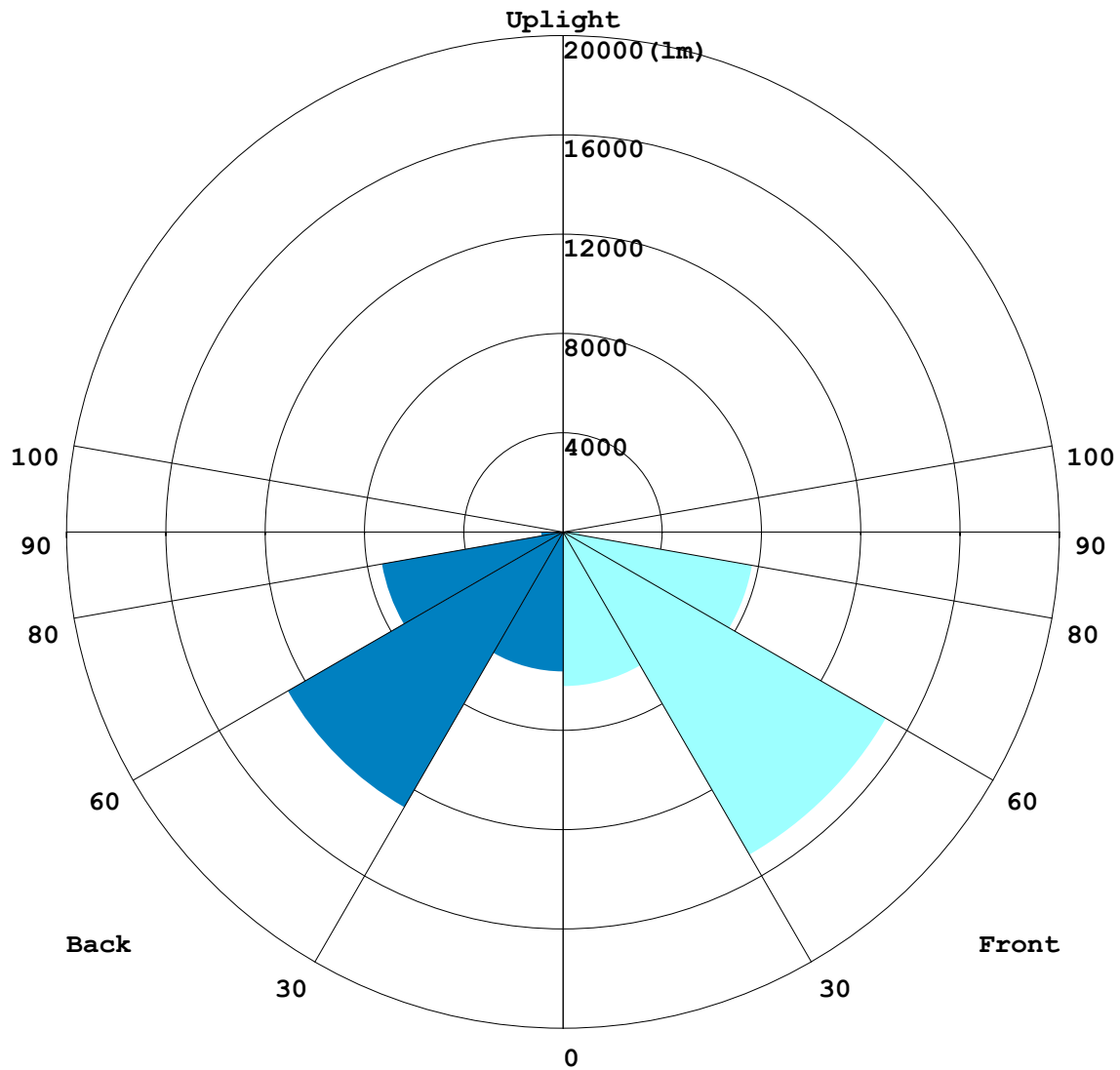
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	6217	11.0
FM - Front-Medium(30-60)	15023	26.7
FH - Front-High(60-80)	7736.1	13.7
FVH - Front-Very High(80-90)	672.3	1.2
Total Forward Light	29649	52.6

BL - Back-Low(0-30)	5624.8	10.0
BM - Back-Medium(30-60)	12806	22.7
BH - Back-High(60-80)	7404.9	13.1
BVH - Back-Very High(80-90)	877.17	1.6
Total Back Light	26713	47.4

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	26713	0	26713
Street Side	29649	0	29649

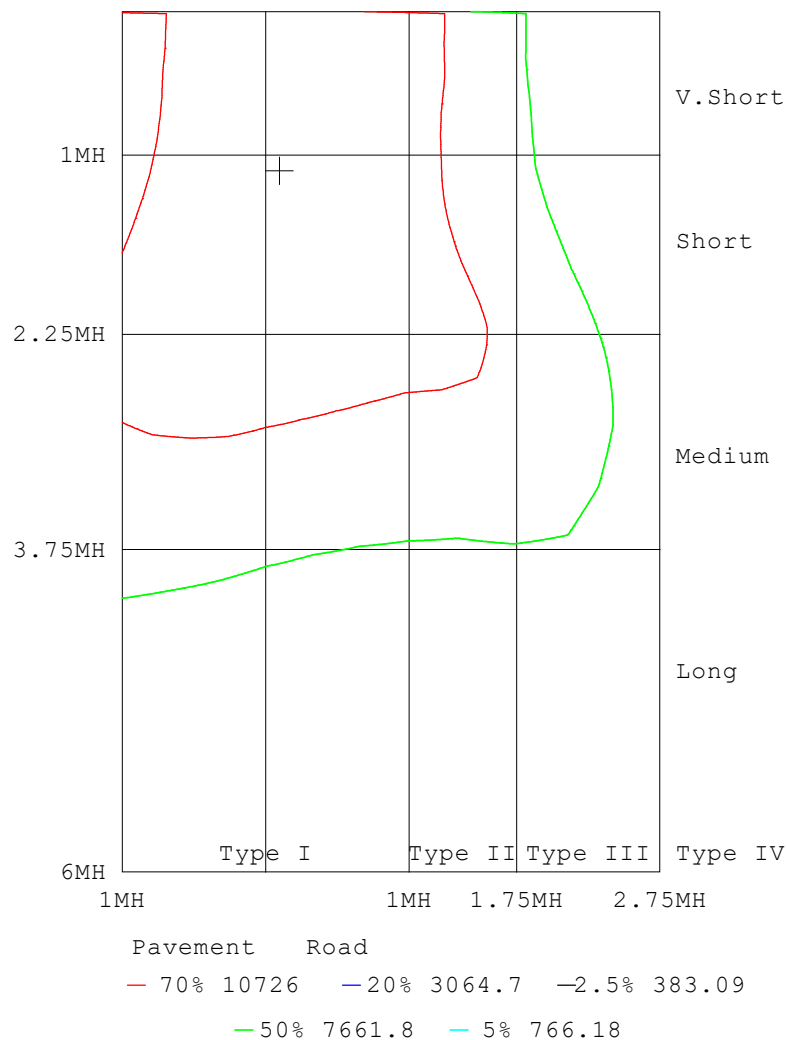
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz		
Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

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	1449	1450	1451	1452	1453	1454	1454	1455	1455	1455	1455	1456	1456	1455	1455	1454	1454	1452	1449
5	1452	1455	1458	1461	1465	1467	1470	1472	1473	1475	1476	1477	1478	1479	1478	1478	1478	1475	1473
10	1454	1460	1465	1470	1475	1479	1482	1485	1488	1489	1490	1492	1493	1493	1493	1492	1491	1489	1486
15	1458	1465	1473	1479	1484	1489	1493	1495	1497	1498	1499	1499	1499	1498	1497	1496	1494	1492	1489
20	1462	1472	1481	1488	1494	1498	1501	1502	1502	1502	1500	1499	1496	1494	1492	1490	1487	1484	1481
25	1468	1481	1491	1498	1503	1506	1506	1504	1501	1498	1494	1489	1484	1480	1477	1472	1468	1465	1463
30	1477	1492	1502	1508	1511	1509	1505	1499	1491	1484	1477	1468	1460	1454	1449	1443	1437	1434	1431
35	1489	1504	1514	1517	1514	1506	1495	1482	1468	1456	1445	1433	1422	1413	1406	1398	1391	1387	1384
40	1503	1518	1524	1520	1509	1493	1473	1451	1430	1412	1396	1379	1365	1354	1344	1334	1325	1321	1318
45	1518	1529	1529	1515	1492	1464	1434	1403	1374	1350	1329	1307	1288	1274	1261	1247	1235	1230	1228
50	1529	1531	1520	1492	1456	1418	1377	1338	1300	1270	1242	1213	1187	1168	1151	1132	1117	1110	1107
55	1525	1512	1487	1447	1400	1354	1307	1260	1215	1176	1139	1101	1066	1039	1016	992	974	966	963
60	1483	1455	1419	1374	1325	1279	1231	1181	1129	1077	1026	974	926	891	863	836	816	807	804
65	1370	1338	1307	1277	1246	1216	1177	1121	1055	982	908	838	776	733	699	668	645	635	632
70	1132	1114	1102	1097	1098	1114	1115	1065	987	882	773	680	604	554	517	481	453	441	438
75	801	785	780	789	809	851	877	843	775	683	582	490	411	361	324	288	262	252	250
80	477	457	452	467	489	516	527	488	431	380	327	273	224	191	165	142	126	121	120
85	189	186	187	193	199	204	201	177	147	122	98.7	76.0	57.4	48.8	42.6	30.6	20.0	16.2	16.3
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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

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	1448	1447	1447	1446	1447	1449	1449	1449	1450	1451	1452	1453	1453	1454	1455	1455	1452	1449	1450
5	1471	1470	1469	1468	1468	1468	1468	1467	1466	1466	1465	1464	1462	1461	1459	1457	1452	1447	1444
10	1484	1483	1482	1481	1481	1481	1479	1478	1477	1476	1474	1472	1469	1466	1463	1459	1451	1443	1439
15	1487	1485	1484	1484	1484	1484	1483	1482	1482	1481	1480	1477	1474	1470	1465	1459	1450	1440	1433
20	1479	1477	1476	1477	1478	1479	1479	1480	1480	1481	1480	1479	1476	1472	1467	1460	1449	1436	1426
25	1460	1458	1458	1459	1461	1463	1466	1468	1471	1473	1475	1476	1475	1473	1468	1461	1448	1433	1419
30	1428	1427	1428	1430	1433	1436	1441	1446	1452	1457	1463	1468	1471	1471	1469	1462	1449	1432	1414
35	1381	1380	1382	1386	1390	1395	1403	1411	1420	1430	1441	1451	1460	1466	1468	1464	1451	1433	1412
40	1315	1314	1318	1324	1329	1336	1347	1360	1373	1387	1405	1424	1440	1454	1464	1466	1457	1439	1415
45	1224	1223	1229	1239	1247	1258	1274	1292	1309	1329	1355	1383	1409	1432	1453	1465	1463	1449	1424
50	1103	1104	1113	1127	1140	1157	1179	1205	1230	1257	1291	1327	1363	1397	1430	1456	1465	1460	1439
55	959	961	973	991	1010	1034	1066	1103	1138	1176	1217	1261	1304	1346	1389	1426	1451	1461	1453
60	800	803	818	840	864	895	940	990	1043	1096	1150	1201	1246	1287	1328	1366	1400	1424	1439
65	628	631	649	676	706	747	805	875	959	1043	1117	1175	1200	1212	1229	1247	1273	1299	1324
70	435	440	464	497	529	576	653	747	859	963	1030	1065	1050	1021	1012	1014	1029	1046	1055
75	248	253	276	307	341	387	460	543	628	705	760	785	756	714	693	686	701	722	733
80	118	122	135	154	175	201	239	281	322	364	412	446	438	414	391	378	395	422	446
85	19.5	24.9	32.0	38.5	39.2	42.1	56.5	74.3	89.7	106	130	149	151	147	143	141	142	151	180
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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm		
NAME: ASD-LSB5B-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

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	1451	1452	1453	1454	1454	1455	1455	1455	1455	1456	1456	1455	1455	1454	1454	1452	1449	1448	1447
5	1443	1442	1440	1438	1436	1434	1433	1430	1428	1427	1426	1424	1422	1421	1420	1418	1415	1414	1415
10	1434	1430	1425	1420	1415	1410	1405	1400	1395	1392	1388	1384	1380	1378	1377	1374	1371	1371	1372
15	1425	1417	1409	1400	1391	1382	1374	1365	1357	1350	1344	1338	1332	1329	1327	1323	1320	1321	1322
20	1415	1403	1390	1376	1363	1350	1337	1325	1313	1304	1295	1286	1278	1273	1269	1265	1263	1264	1267
25	1404	1387	1369	1350	1332	1314	1297	1280	1265	1252	1241	1230	1220	1213	1208	1204	1201	1203	1208
30	1394	1371	1347	1322	1297	1274	1252	1231	1212	1196	1182	1169	1158	1150	1144	1139	1136	1138	1144
35	1387	1357	1325	1292	1259	1230	1203	1178	1155	1137	1121	1105	1091	1083	1077	1071	1067	1070	1076
40	1384	1346	1304	1262	1220	1184	1151	1120	1094	1073	1055	1037	1022	1013	1007	1000	996	1000	1008
45	1388	1341	1288	1234	1181	1135	1095	1059	1028	1004	984	964	949	940	934	927	924	928	936
50	1401	1344	1278	1210	1144	1086	1036	992	956	929	907	887	871	863	858	851	848	853	861
55	1422	1359	1279	1194	1110	1038	976	923	880	850	827	805	789	781	777	770	767	772	781
60	1430	1377	1296	1194	1087	994	913	849	799	765	740	718	702	694	689	682	679	684	693
65	1334	1317	1271	1181	1070	956	849	770	711	672	645	622	605	596	590	582	578	584	594
70	1061	1073	1069	1028	963	871	773	686	614	571	542	512	485	465	448	431	422	433	452
75	745	768	784	773	745	696	636	566	499	449	407	363	325	299	281	266	261	268	284
80	469	496	511	497	467	431	391	350	312	286	261	225	192	175	164	155	151	156	167
85	210	227	231	212	183	153	126	111	104	106	108	98.9	87.4	78.4	70.9	65.0	62.5	66.0	73.3
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:122.33V I:2.5106A P:305.22W PF:0.9938 Freq:49.96Hz Lamp Flux:56361.6x1 lm																	
NAME: ASD-LSB5B-NEOX-300BR									TYPE: NEOX T3								
SPEC.: 300W 5000K																	
MFR.: ASD LIGHTING CORP																	

Table--4

UNIT: X10cd

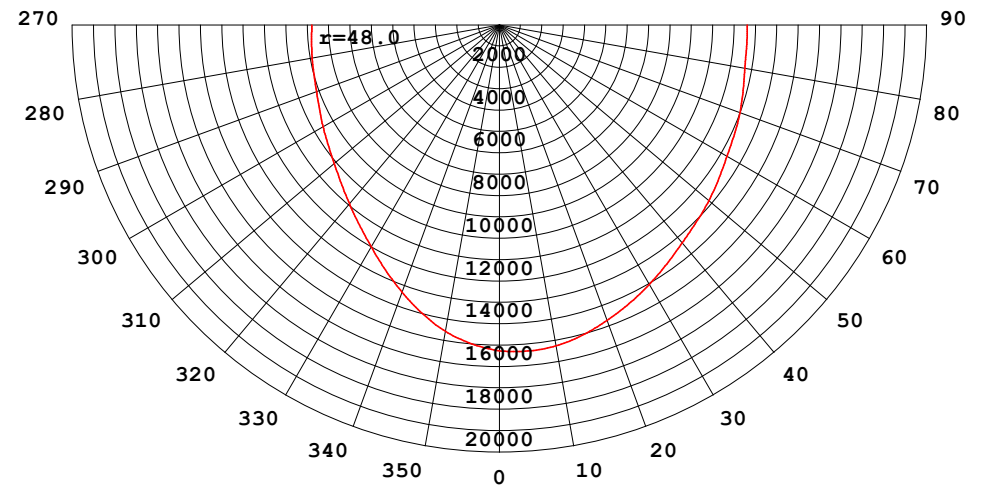
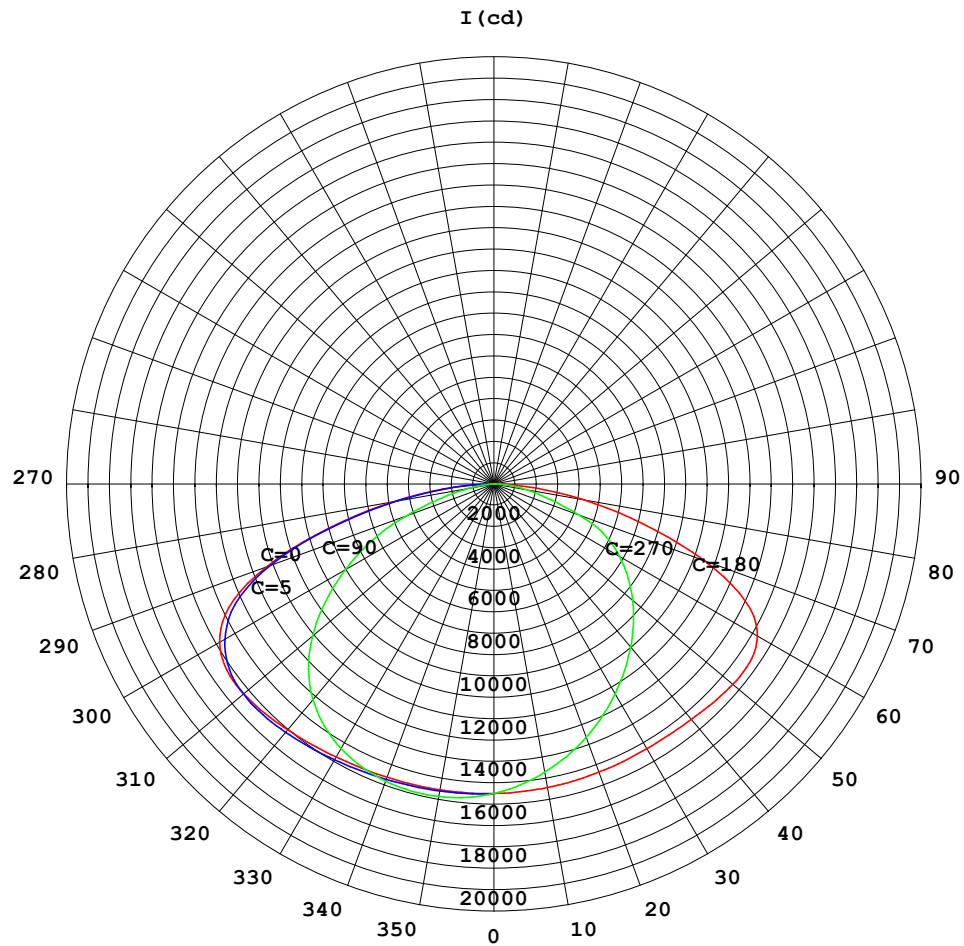
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1447	1446	1447	1449	1449	1449	1450	1451	1452	1453	1453	1454	1455	1455	1453				
5	1414	1415	1418	1421	1423	1425	1429	1432	1435	1438	1442	1446	1449	1452	1453				
10	1373	1375	1380	1385	1390	1395	1401	1409	1415	1422	1428	1435	1442	1449	1452				
15	1325	1329	1335	1343	1351	1359	1370	1381	1391	1402	1413	1425	1435	1445	1452				
20	1271	1276	1285	1296	1307	1319	1333	1349	1364	1379	1396	1412	1428	1441	1453				
25	1213	1219	1231	1244	1258	1274	1293	1313	1333	1355	1377	1399	1420	1439	1455				
30	1150	1159	1173	1189	1206	1226	1249	1274	1299	1326	1355	1384	1412	1438	1460				
35	1084	1095	1111	1130	1150	1172	1200	1230	1261	1295	1332	1369	1406	1439	1467				
40	1016	1028	1046	1067	1089	1115	1146	1181	1219	1261	1307	1354	1401	1443	1477				
45	945	957	975	998	1022	1051	1087	1128	1173	1224	1281	1340	1398	1451	1490				
50	869	881	900	924	949	981	1021	1069	1124	1185	1255	1328	1400	1462	1504				
55	788	799	818	843	870	904	950	1006	1071	1145	1232	1321	1405	1474	1513				
60	700	711	731	756	784	821	874	940	1018	1107	1212	1316	1407	1474	1497				
65	602	614	634	661	690	731	791	867	965	1074	1194	1303	1375	1414	1411				
70	471	495	524	556	588	632	702	790	900	1008	1096	1159	1181	1179	1164				
75	304	332	375	424	468	520	594	676	756	825	867	887	877	852	829				
80	179	199	235	275	311	351	401	455	508	553	581	592	576	547	515				
85	83.1	95.3	111	125	130	136	147	166	200	240	283	311	302	273	236				
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:	29649 lm
STREET UP:	0 lm
HOUSE DOWN:	26713 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 15323 \text{ cd}$

