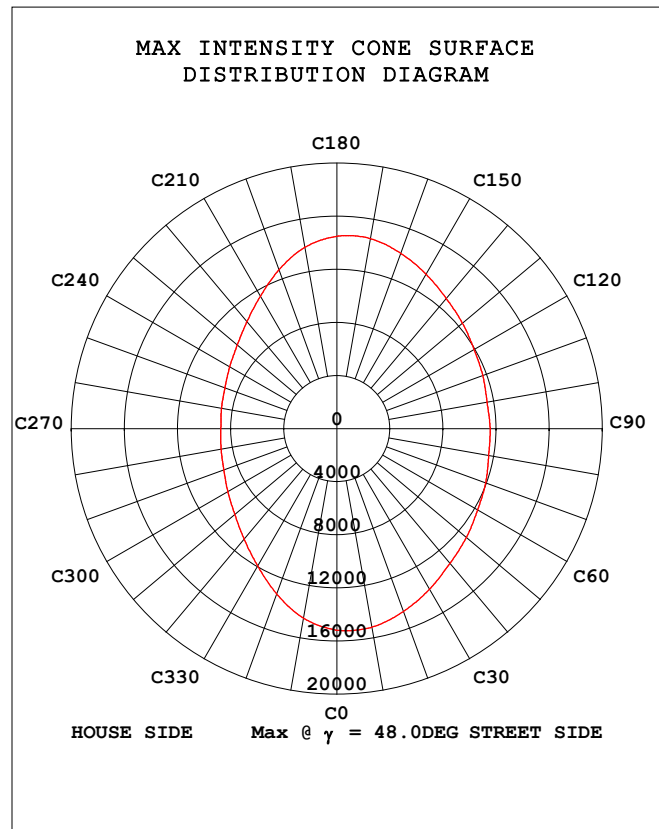
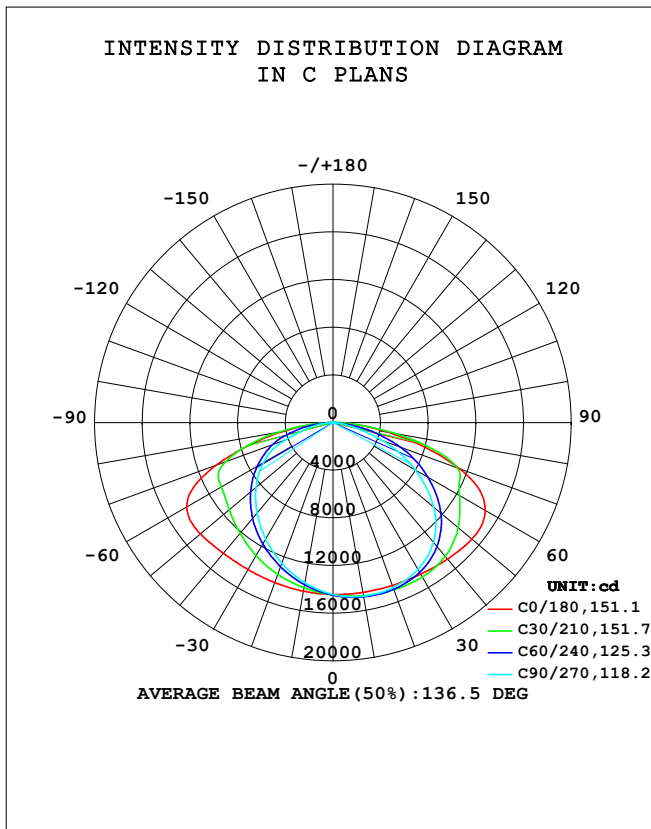


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 182.98 lm/W			
MODEL	ASD-LSB5BHV-NEOX-300BR	I _{max} (cd)	15249	η street_up (%)	0.0
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	52.6
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	56088	η house_up (%)	0.0
NOMINAL FLUX (lm)	56088.2	MAXIMUM @ (C, γ)	5,48.0	η house_down (%)	47.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	100.0	SLI	

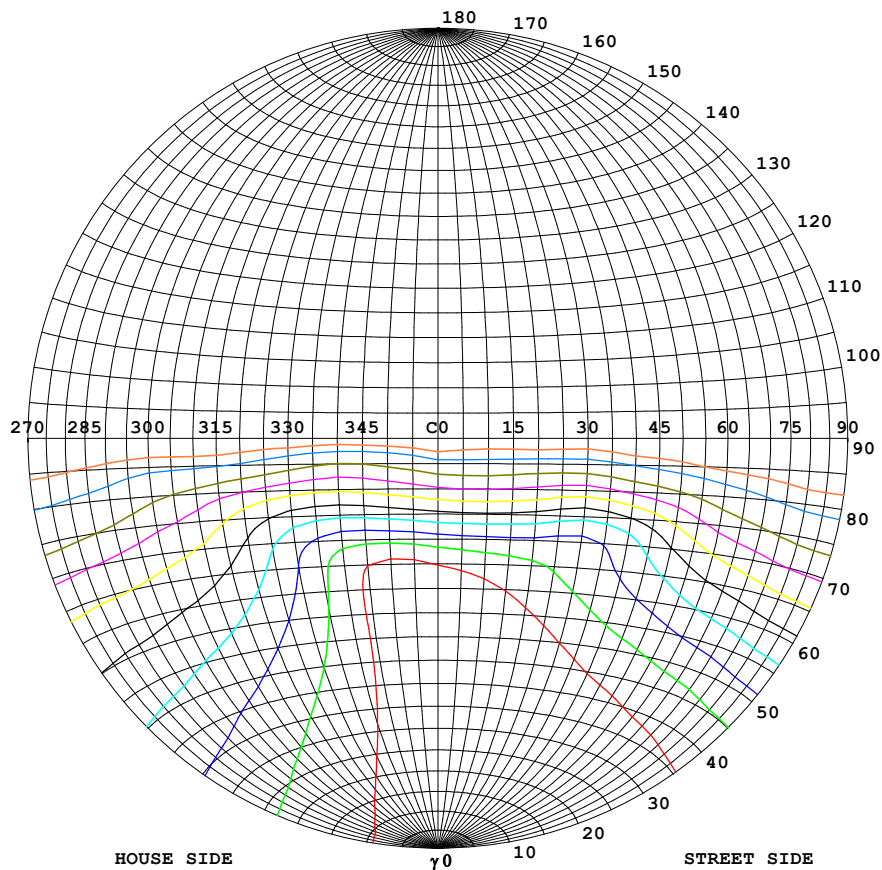


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		



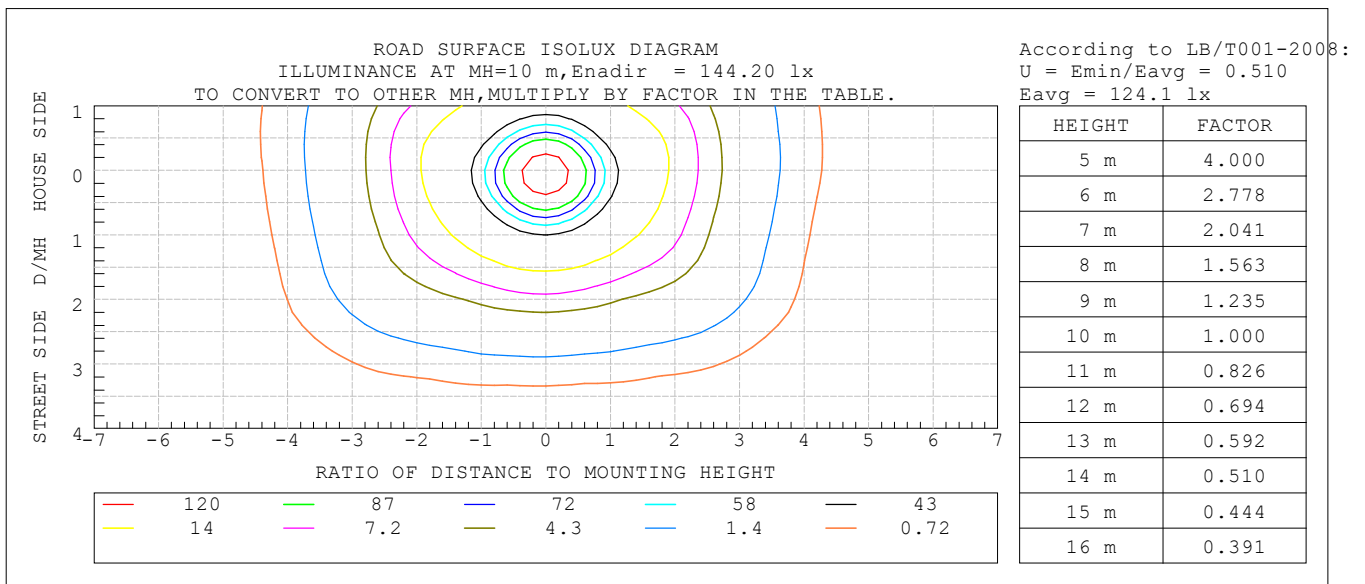
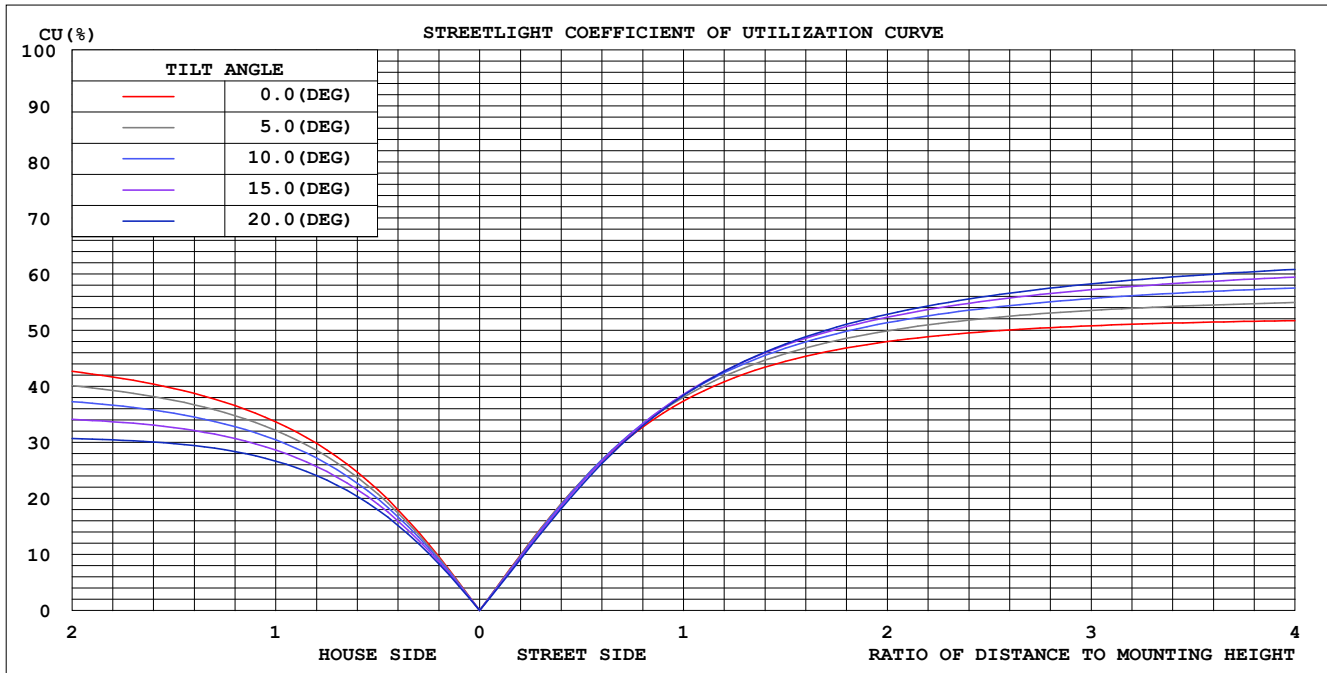
Classification:

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
Imax=100%	15249
90%	13724
80%	12199
70%	10674
60%	9149
50%	7625
40%	6100
30%	4575
20%	3050
10%	1525
5%	762

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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		

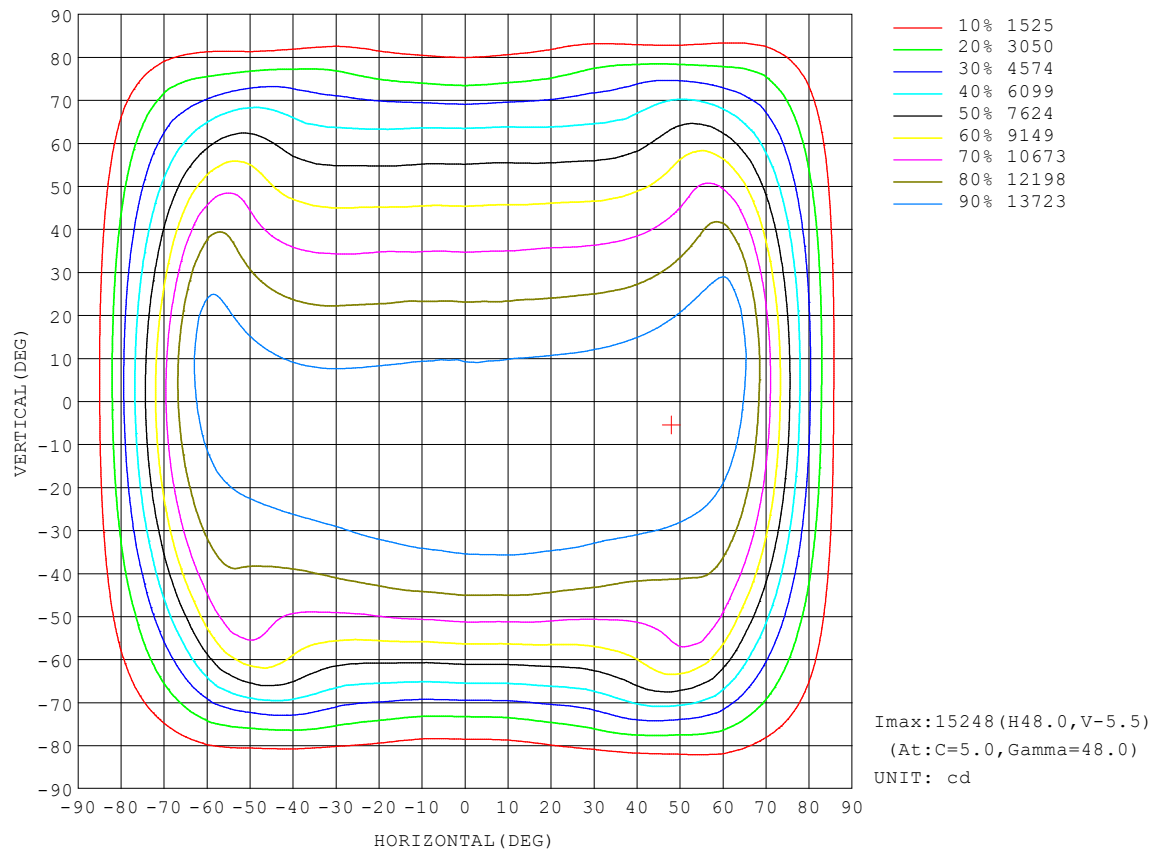
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1447	1482	1479	1470	1436	1393	1364	1395	0- 10	1374	1374	2.45,2.45
20	1454	1494	1474	1473	1429	1318	1257	1327	10- 20	4023	5397	9.62,9.62
30	1470	1477	1424	1445	1425	1225	1130	1243	20- 30	6387	11784	21,21
40	1495	1405	1312	1366	1432	1115	991.2	1140	30- 40	8290	20074	35.8,35.8
50	1522	1264	1102	1224	1453	987.6	844.1	1016	40- 50	9525	29599	52.8,52.8
60	1475	1072	799.7	1038	1417	844.6	675.4	869.8	50- 60	9880	39479	70.4,70.4
70	1126	878.1	436.0	855.0	1041	682.4	420.4	698.9	60- 70	9122	48600	86.6,86.6
80	474.4	377.8	119.3	320.7	419.6	347.8	150.1	399.5	70- 80	5946	54546	97.3,97.3
90	0	0	0	0	0	0	0	0	80- 90	1542	56088	100,100
100	0	0	0	0	0	0	0	0	90-100	0	56088	100,100
110	0	0	0	0	0	0	0	0	100-110	0	56088	100,100
120	0	0	0	0	0	0	0	0	110-120	0	56088	100,100
130	0	0	0	0	0	0	0	0	120-130	0	56088	100,100
140	0	0	0	0	0	0	0	0	130-140	0	56088	100,100
150	0	0	0	0	0	0	0	0	140-150	0	56088	100,100
160	0	0	0	0	0	0	0	0	150-160	0	56088	100,100
170	0	0	0	0	0	0	0	0	160-170	0	56088	100,100
180	0	0	0	0	0	0	0	0	170-180	0	56088	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

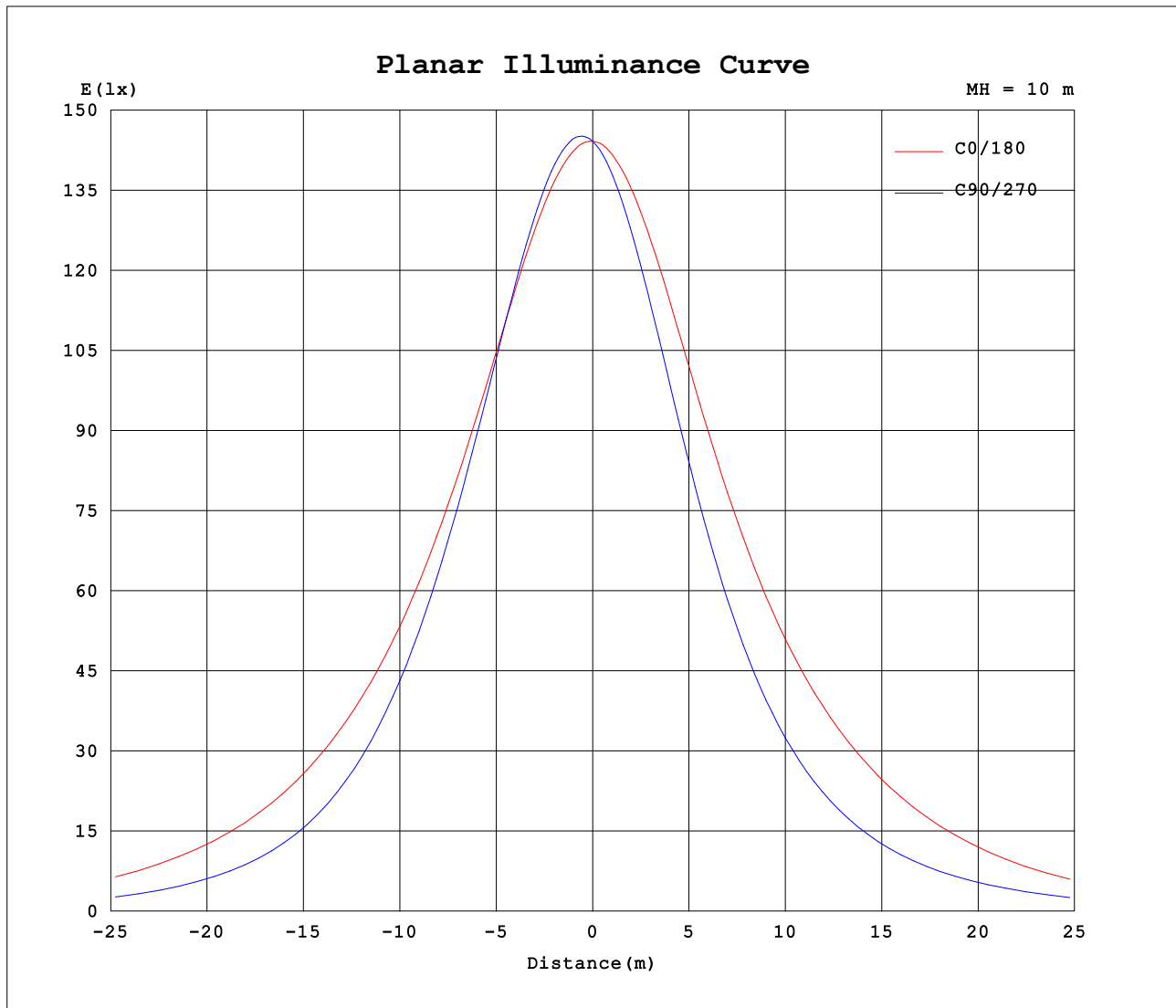
Test:U:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOX T3	
SPEC.: 300W 5000K		
MFR.: ASD LIGHTING CORP		



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



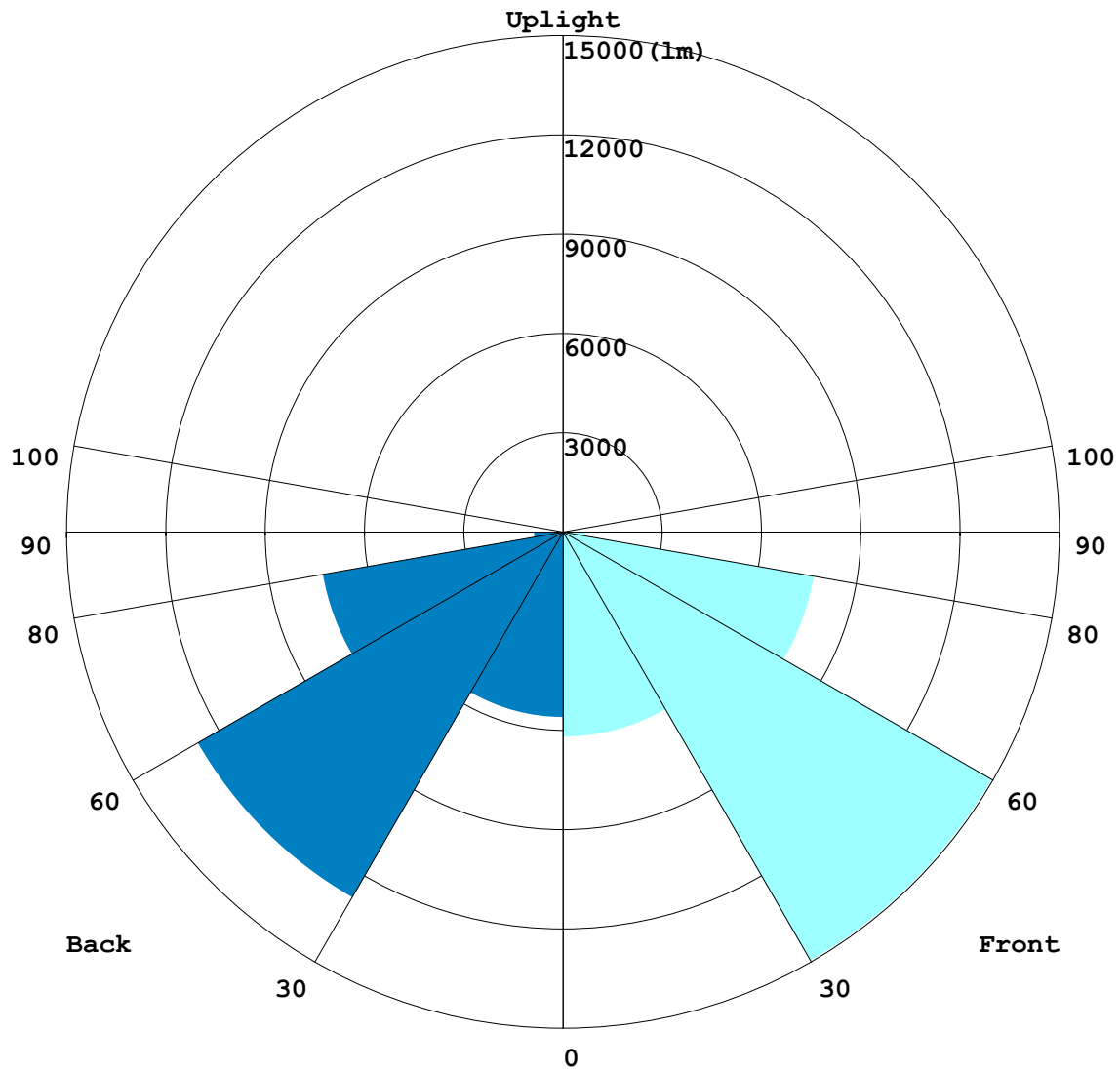
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: S
Test Date: 2025-2-25

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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOF 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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-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)	6186.8	11.0
FM - Front-Medium(30-60)	14951	26.7
FH - Front-High(60-80)	7698.6	13.7
FVH - Front-Very High(80-90)	669.04	1.2
Total Forward Light	29505	52.6

BL - Back-Low(0-30)	5597.5	10.0
BM - Back-Medium(30-60)	12744	22.7
BH - Back-High(60-80)	7369	13.1
BVH - Back-Very High(80-90)	872.92	1.6
Total Back Light	26583	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	26583	0	26583
Street Side	29505	0	29505

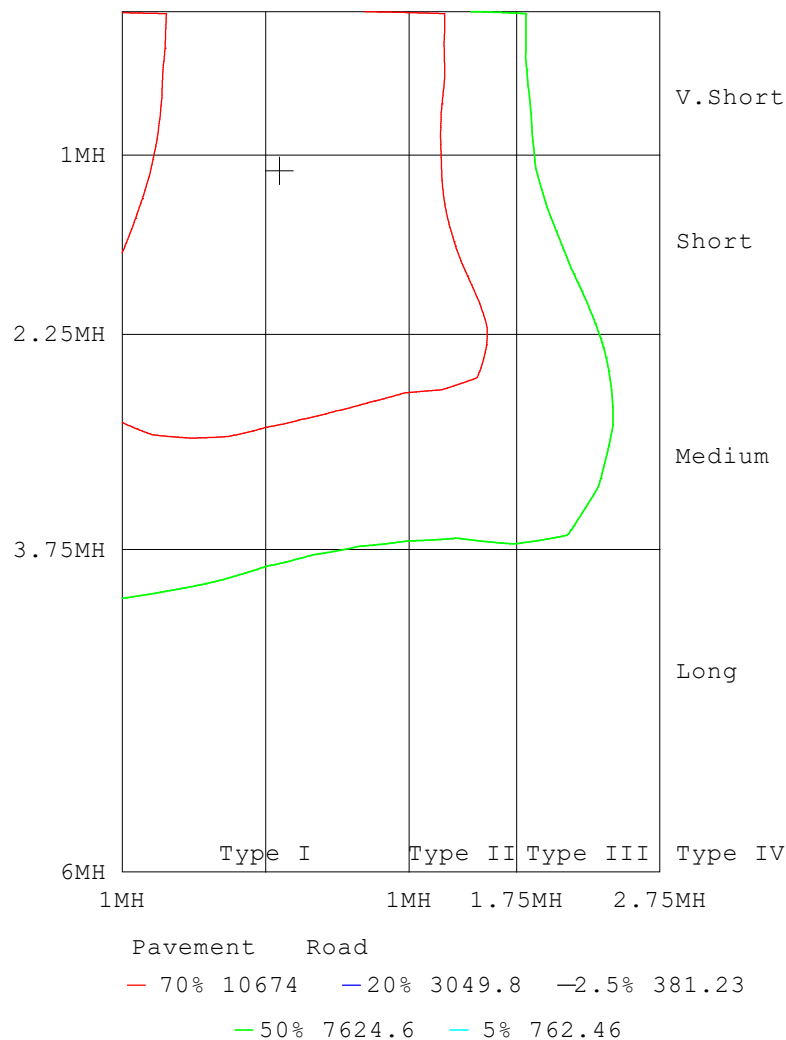
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2025-2-25

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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz		
Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOF 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	1442	1443	1444	1445	1446	1447	1447	1448	1448	1448	1448	1448	1449	1448	1447	1447	1447	1445	1442
5	1445	1448	1451	1454	1457	1460	1462	1464	1466	1467	1469	1470	1471	1471	1471	1471	1470	1468	1466
10	1447	1453	1458	1463	1468	1472	1475	1478	1480	1482	1483	1485	1486	1486	1485	1485	1484	1481	1479
15	1451	1458	1465	1472	1477	1482	1486	1488	1490	1491	1492	1492	1491	1491	1490	1488	1487	1484	1482
20	1454	1465	1474	1481	1487	1491	1494	1495	1495	1494	1493	1491	1489	1487	1485	1482	1480	1477	1474
25	1461	1473	1484	1491	1496	1498	1499	1497	1494	1491	1487	1482	1477	1473	1470	1465	1461	1458	1455
30	1470	1484	1495	1501	1503	1502	1497	1491	1484	1477	1469	1461	1453	1447	1442	1436	1430	1427	1424
35	1482	1497	1507	1509	1506	1499	1488	1475	1461	1449	1438	1426	1415	1406	1399	1391	1384	1380	1378
40	1495	1510	1516	1513	1502	1485	1466	1444	1423	1405	1389	1373	1358	1347	1338	1327	1318	1314	1312
45	1510	1522	1521	1507	1485	1457	1427	1396	1367	1344	1323	1301	1281	1267	1255	1241	1229	1224	1222
50	1522	1524	1512	1485	1449	1411	1371	1331	1294	1264	1236	1207	1181	1162	1145	1127	1112	1105	1102
55	1518	1505	1480	1440	1394	1347	1301	1254	1209	1171	1134	1096	1060	1034	1011	988	969	961	958
60	1475	1448	1412	1367	1318	1272	1226	1175	1123	1072	1021	969	922	887	859	832	812	803	800
65	1363	1332	1301	1271	1240	1210	1171	1115	1050	977	904	834	772	729	696	665	642	632	629
70	1126	1108	1097	1092	1092	1109	1109	1060	982	878	769	677	601	551	515	478	451	439	436
75	798	781	777	785	805	847	873	838	772	680	579	488	409	359	322	287	260	251	249
80	474	455	450	464	487	514	524	485	429	378	326	272	223	190	164	142	126	120	119
85	188	185	186	192	198	203	200	176	146	121	98.3	75.6	57.1	48.6	42.4	30.5	19.9	16.1	16.2
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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz		
Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOF 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	1441	1440	1440	1439	1440	1442	1442	1442	1443	1444	1445	1446	1446	1447	1448	1448	1445	1442	1443
5	1464	1463	1462	1461	1461	1461	1461	1460	1459	1459	1458	1457	1455	1454	1452	1450	1445	1440	1437
10	1477	1476	1474	1473	1473	1473	1472	1471	1470	1469	1467	1464	1462	1459	1456	1452	1444	1436	1432
15	1480	1478	1477	1476	1477	1477	1476	1475	1475	1474	1472	1470	1467	1463	1458	1452	1443	1433	1426
20	1471	1470	1469	1469	1470	1471	1472	1472	1473	1473	1473	1471	1469	1465	1460	1453	1442	1429	1419
25	1453	1451	1451	1452	1454	1456	1458	1461	1464	1466	1468	1469	1468	1466	1461	1454	1441	1426	1412
30	1421	1420	1421	1423	1426	1429	1434	1439	1445	1450	1456	1461	1464	1464	1462	1455	1442	1425	1407
35	1375	1373	1375	1379	1383	1388	1396	1404	1413	1423	1434	1444	1453	1459	1460	1457	1444	1426	1405
40	1309	1307	1311	1317	1323	1330	1341	1353	1366	1380	1399	1417	1433	1447	1456	1459	1450	1432	1408
45	1218	1217	1223	1233	1241	1251	1267	1286	1303	1323	1349	1376	1402	1425	1446	1458	1456	1442	1417
50	1098	1098	1108	1122	1135	1151	1174	1199	1224	1251	1285	1320	1356	1390	1423	1449	1458	1453	1432
55	955	956	969	987	1005	1029	1061	1097	1133	1170	1212	1255	1298	1340	1383	1419	1444	1454	1446
60	796	799	814	836	860	891	935	986	1038	1091	1144	1195	1240	1281	1322	1359	1393	1417	1432
65	625	628	646	673	703	743	801	871	954	1038	1112	1169	1194	1206	1223	1241	1267	1293	1317
70	433	438	461	494	526	573	649	743	855	958	1025	1060	1045	1016	1008	1009	1024	1041	1050
75	247	252	274	306	339	385	457	540	625	701	756	782	753	710	690	682	697	719	730
80	118	121	135	154	174	200	237	280	321	362	410	444	435	412	390	376	393	420	443
85	19.4	24.8	31.9	38.3	39.0	41.9	56.2	74.0	89.2	106	129	149	151	147	143	140	141	150	179
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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm		
NAME: ASD-LSB5BHV-NEOX-300BR	TYPE: NEOF 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	1444	1445	1446	1447	1447	1448	1448	1448	1448	1448	1449	1448	1447	1447	1447	1445	1442	1441	1440
5	1436	1435	1433	1431	1429	1427	1426	1423	1421	1420	1419	1417	1415	1414	1413	1411	1408	1408	1408
10	1428	1423	1418	1413	1408	1403	1399	1393	1388	1385	1382	1377	1373	1372	1371	1367	1364	1364	1365
15	1418	1410	1402	1393	1384	1376	1367	1359	1350	1344	1338	1331	1326	1323	1320	1317	1314	1314	1316
20	1408	1396	1383	1370	1356	1343	1331	1318	1307	1297	1289	1280	1272	1267	1263	1259	1257	1258	1261
25	1397	1380	1362	1344	1325	1307	1290	1274	1258	1246	1235	1224	1214	1207	1203	1198	1195	1198	1202
30	1387	1365	1341	1315	1291	1267	1246	1225	1206	1190	1177	1163	1152	1144	1139	1133	1130	1133	1138
35	1380	1350	1318	1285	1253	1224	1197	1172	1149	1131	1116	1099	1086	1077	1072	1066	1062	1065	1071
40	1377	1339	1298	1256	1214	1178	1145	1115	1088	1068	1050	1032	1017	1008	1002	995	991	995	1003
45	1381	1334	1282	1228	1175	1130	1089	1053	1023	999	979	960	944	935	929	923	919	924	932
50	1394	1338	1272	1204	1138	1081	1031	988	952	925	903	883	867	859	854	847	844	849	857
55	1415	1352	1273	1188	1104	1033	971	918	876	846	823	801	785	777	773	767	764	769	777
60	1423	1370	1290	1188	1082	989	908	845	795	761	736	714	698	690	686	679	675	681	690
65	1327	1311	1265	1175	1065	951	845	767	708	669	642	619	602	593	587	579	576	581	591
70	1056	1068	1064	1023	958	867	769	682	611	569	539	509	483	462	446	429	420	431	449
75	741	764	780	770	741	693	633	563	496	447	405	361	323	297	279	265	259	266	282
80	467	494	509	494	465	429	389	348	310	284	260	224	191	174	163	154	150	155	166
85	209	226	230	211	182	152	126	111	103	105	107	98.4	87.0	78.0	70.5	64.6	62.2	65.7	73.0
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:279.66V I:1.1029A P:306.52W PF:0.9938 Freq:49.96Hz Lamp Flux:56088.2x1 lm																	
NAME: ASD-LSB5BHV-NEOX-300BR									TYPE: NEOX T3								
SPEC.: 300W 5000K																	
MFR.: ASD LIGHTING CORP																	

Table--4

UNIT: X10cd

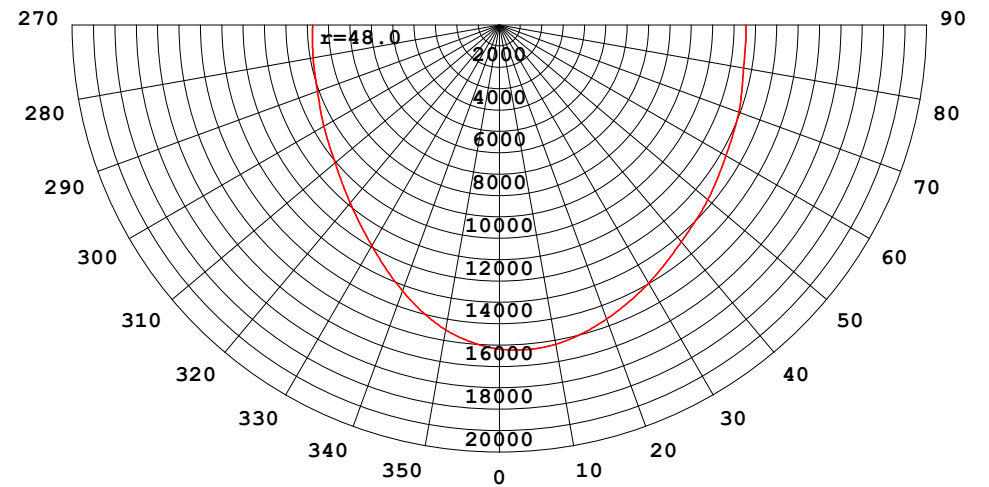
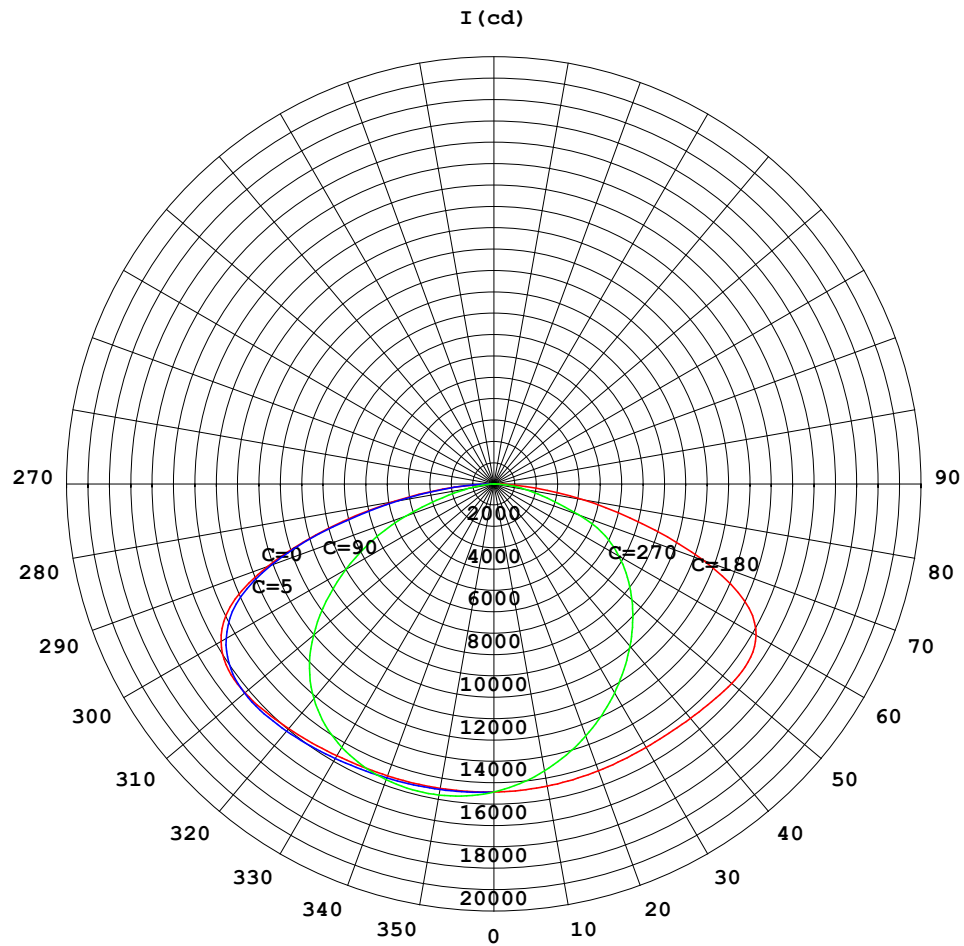
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1440	1439	1440	1442	1442	1442	1443	1444	1445	1446	1446	1447	1448	1448	1446				
5	1408	1408	1411	1414	1416	1418	1422	1425	1428	1431	1435	1439	1442	1445	1446				
10	1366	1369	1373	1378	1383	1388	1395	1402	1408	1415	1422	1428	1435	1442	1445				
15	1318	1322	1329	1337	1344	1353	1363	1374	1384	1395	1406	1418	1428	1438	1445				
20	1265	1270	1279	1290	1301	1313	1327	1342	1357	1373	1389	1406	1421	1434	1446				
25	1207	1213	1225	1238	1252	1268	1286	1306	1327	1348	1370	1392	1413	1432	1448				
30	1144	1154	1167	1183	1201	1220	1243	1267	1293	1320	1348	1377	1405	1431	1452				
35	1079	1090	1106	1125	1144	1167	1194	1224	1255	1289	1325	1362	1399	1432	1460				
40	1011	1023	1041	1062	1084	1109	1140	1175	1213	1254	1301	1348	1394	1436	1469				
45	940	952	971	993	1017	1046	1081	1123	1168	1218	1275	1334	1392	1444	1482				
50	865	876	895	919	945	976	1016	1064	1118	1179	1249	1322	1393	1455	1496				
55	784	795	814	839	866	900	946	1002	1066	1140	1226	1314	1399	1467	1505				
60	697	708	727	753	780	817	870	935	1013	1102	1206	1310	1400	1466	1489				
65	599	611	631	658	687	728	787	863	960	1069	1189	1297	1369	1407	1404				
70	469	492	521	554	585	629	699	786	895	1003	1091	1154	1176	1173	1158				
75	302	331	373	422	466	517	592	673	753	821	863	883	872	848	825				
80	178	198	233	274	310	349	400	453	506	550	578	589	573	544	512				
85	82.7	94.8	110	124	130	135	146	165	199	239	281	310	300	271	235				
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:	29505 lm
STREET UP:	0 lm
HOUSE DOWN:	26583 lm
HOUSE UP:	0 lm



$I_{\max}(100\%) = 15249 \text{ cd}$

