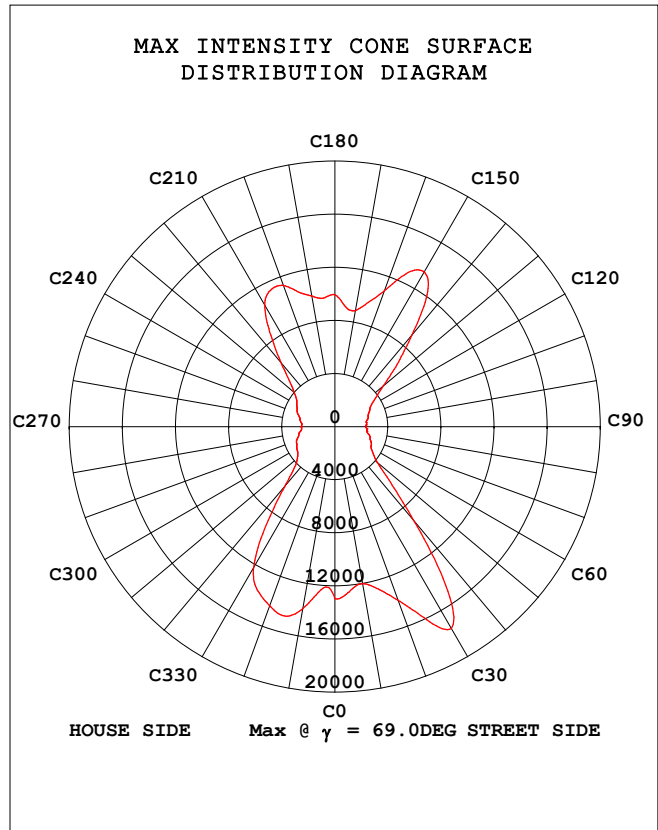
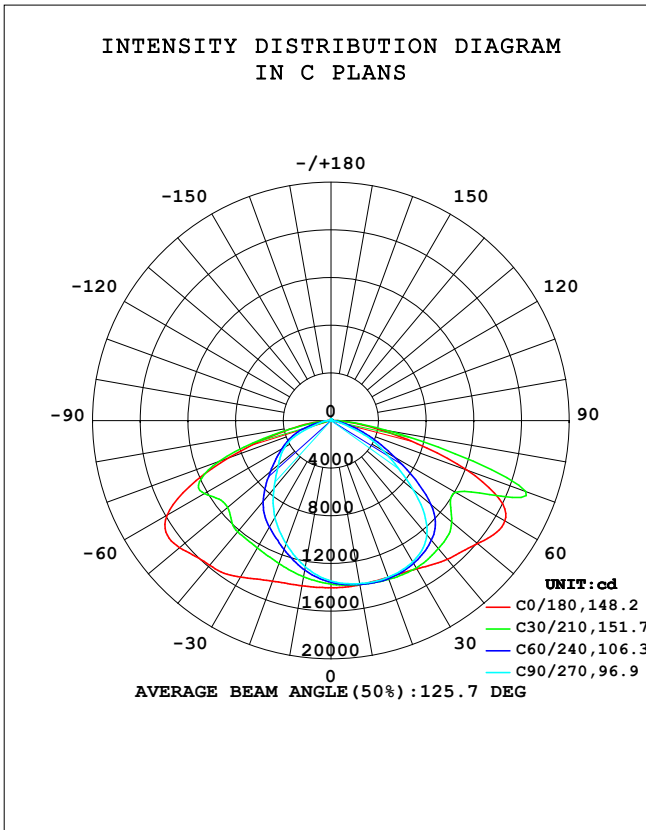


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 177.34 lm/W			
MODEL	ASD-LSB5BHV-PRO-300BR	I _{max} (cd)	17546	η street_up (%)	0.4
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	53.4
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	51208	η house_up (%)	0.6
NOMINAL FLUX (lm)	51208.5	MAXIMUM @ (C, γ)	30,69.0	η house_down (%)	45.6
LAMPS INSIDE	1	η up (%)	1.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	277	η down (%)	99.0	SLI	

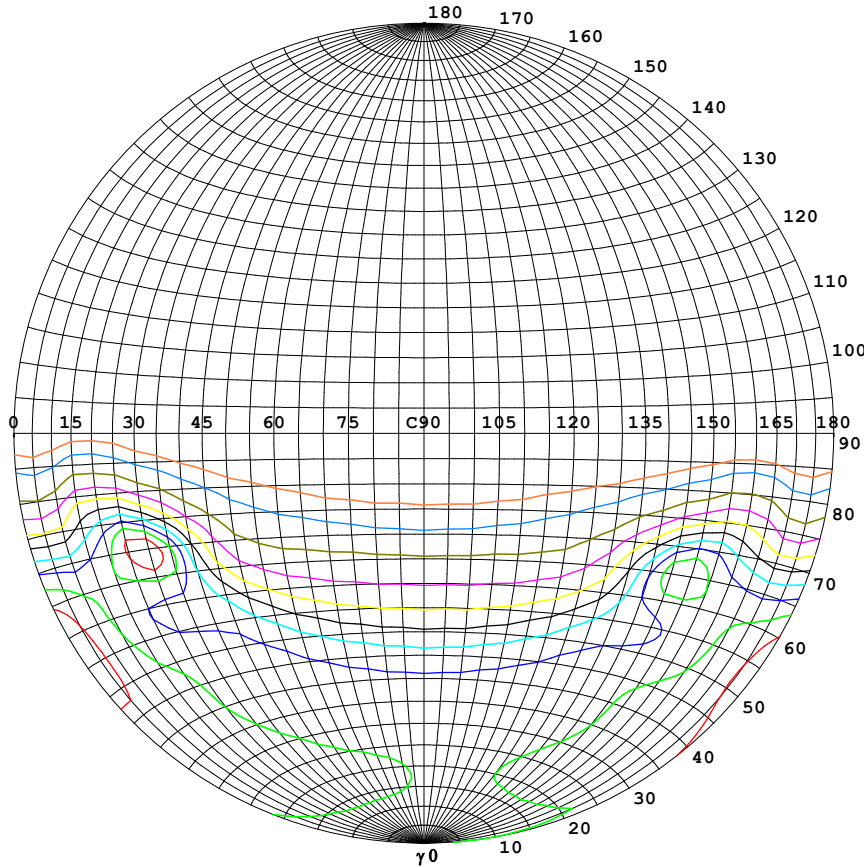


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



Classification:

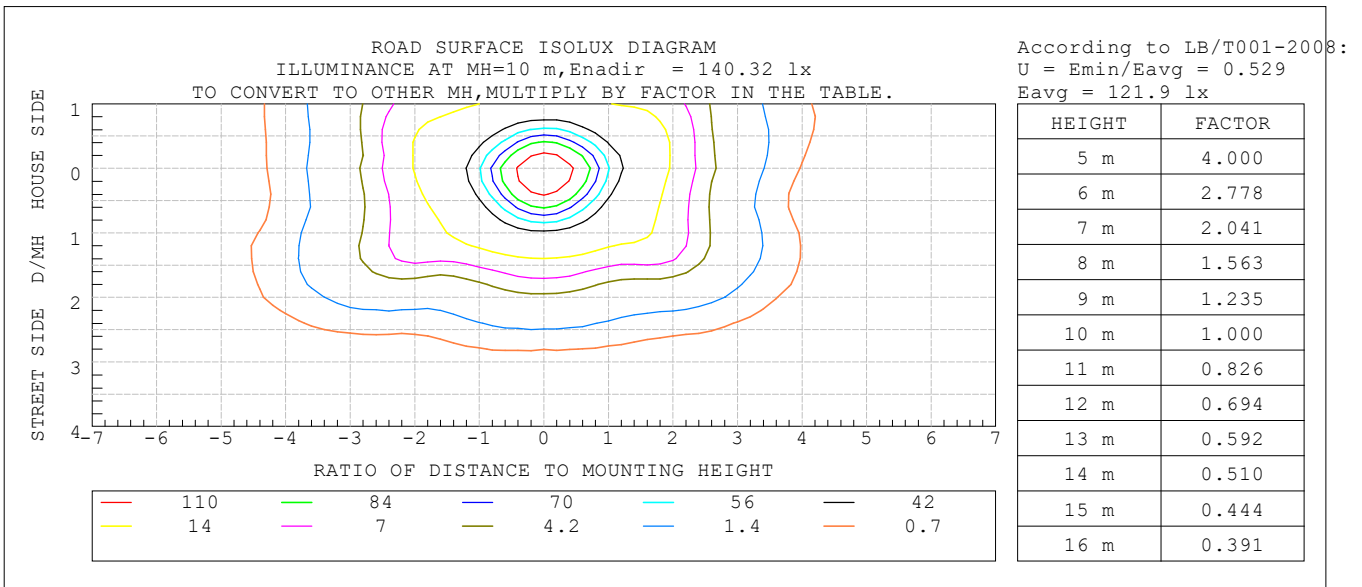
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:124.5cd/klm
 Max.At90:15.06cd/klm
 Max.80-90:124.5cd/klm
 NRB 5101:Semi limited[10.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	17546
90%	15791
80%	14037
70%	12282
60%	10527
50%	8773
40%	7018
30%	5264
20%	3509
10%	1755
5%	877

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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: 2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

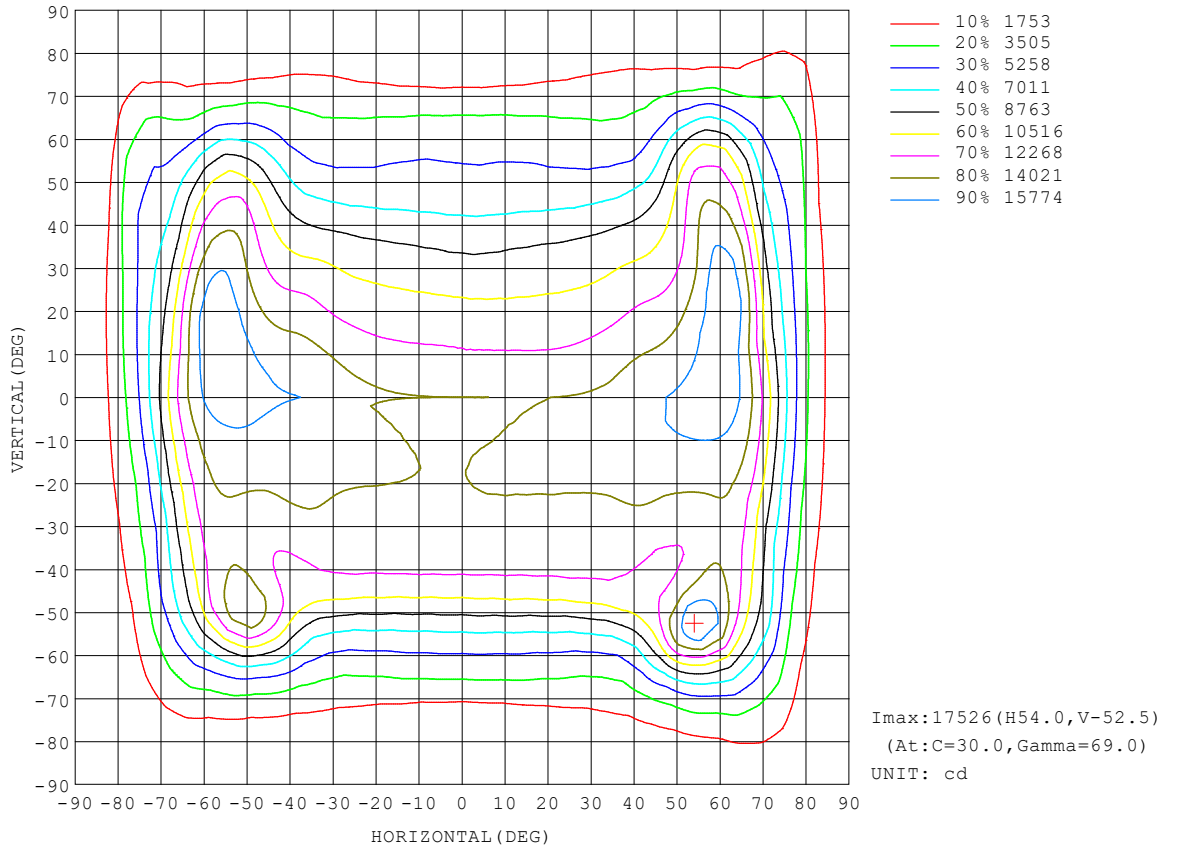
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	1400	1396	1389	1382	1408	1298	1246	1277	0- 10	1288	1288	2.52,2.52
20	1401	1417	1400	1408	1435	1203	1101	1176	10- 20	3756	5044	9.85,9.85
30	1438	1404	1370	1394	1517	1111	941.6	1074	20- 30	5977	11022	21.5,21.5
40	1520	1347	1252	1340	1585	1024	745.8	983.0	30- 40	7840	18861	36.8,36.8
50	1606	1263	899.6	1228	1659	851.8	577.2	834.3	40- 50	8965	27826	54.3,54.3
60	1686	1001	512.1	1009	1589	637.7	449.2	606.3	50- 60	9030	36856	72,72
70	1212	560.9	198.1	607.0	909.6	456.7	227.0	410.9	60- 70	8271	45127	88.1,88.1
80	376.4	175.0	43.59	134.4	261.9	137.8	74.12	178.1	70- 80	4589	49716	97.1,97.1
90	20.12	2.901	1.085	2.475	5.754	5.109	2.169	9.623	80- 90	989.5	50705	99,99
100	6.501	3.546	1.987	4.005	8.879	5.847	3.033	5.462	90-100	47.84	50753	99.1,99.1
110	9.263	5.337	3.205	5.762	11.25	7.797	4.991	7.380	100-110	61.21	50815	99.2,99.2
120	10.87	7.015	4.631	7.215	12.26	9.605	7.320	9.332	110-120	75.68	50890	99.4,99.4
130	11.24	8.397	6.096	7.840	12.21	10.41	9.385	10.97	120-130	81.19	50971	99.5,99.5
140	10.92	9.255	7.389	8.281	11.84	10.95	10.79	11.75	130-140	76.26	51048	99.7,99.7
150	11.18	10.03	8.620	8.973	12.08	11.54	11.38	12.09	140-150	65.34	51113	99.8,99.8
160	11.92	10.94	9.811	9.887	12.59	11.91	11.88	12.35	150-160	50.85	51164	99.9,99.9
170	12.89	11.85	10.98	11.08	13.18	12.25	12.12	12.40	160-170	33.06	51197	100,100
180	13.40	12.35	11.88	12.13	13.47	12.33	11.90	12.13	170-180	11.61	51208	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:2024-5-30

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

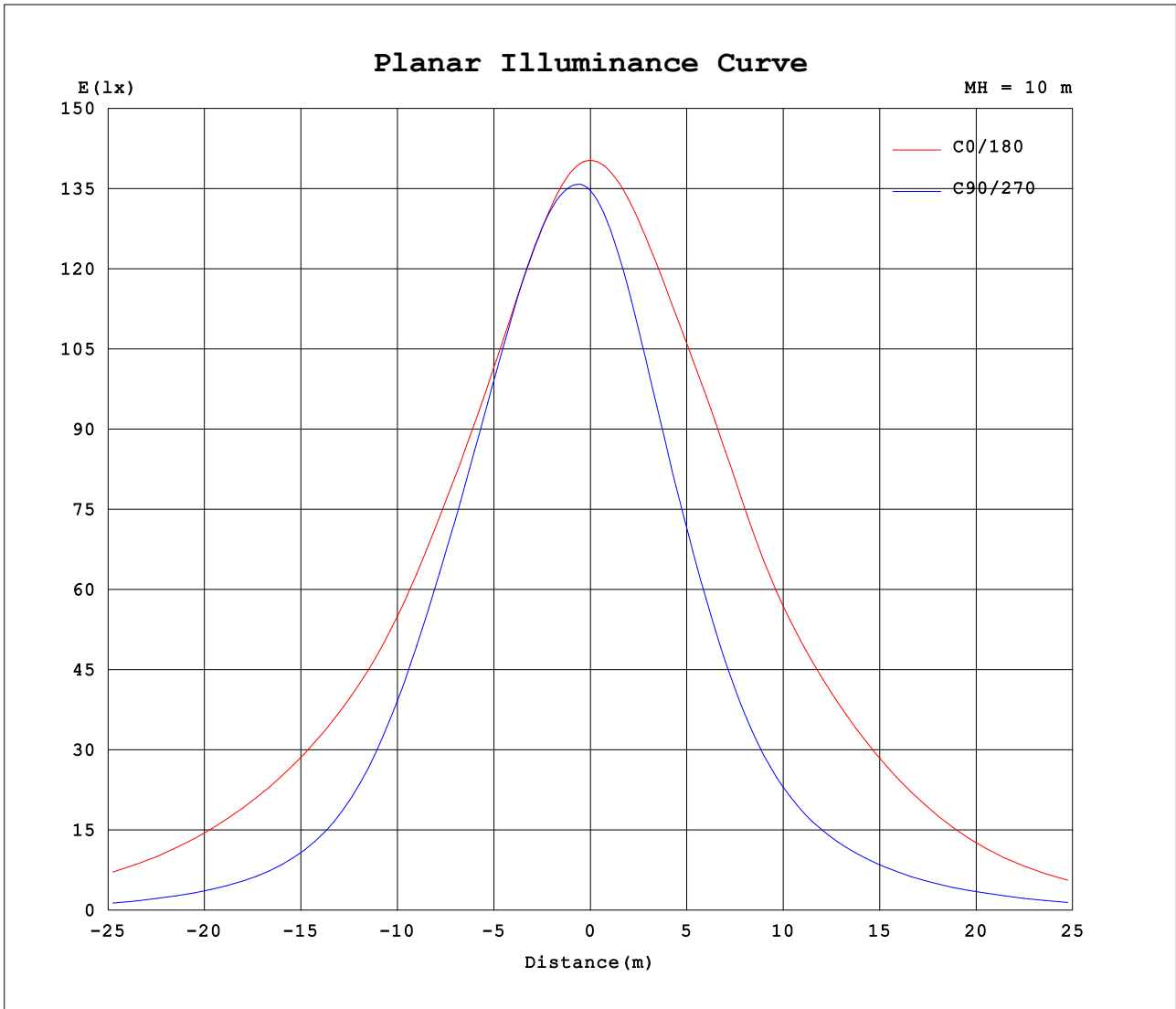
Test:U:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:2024-5-30

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



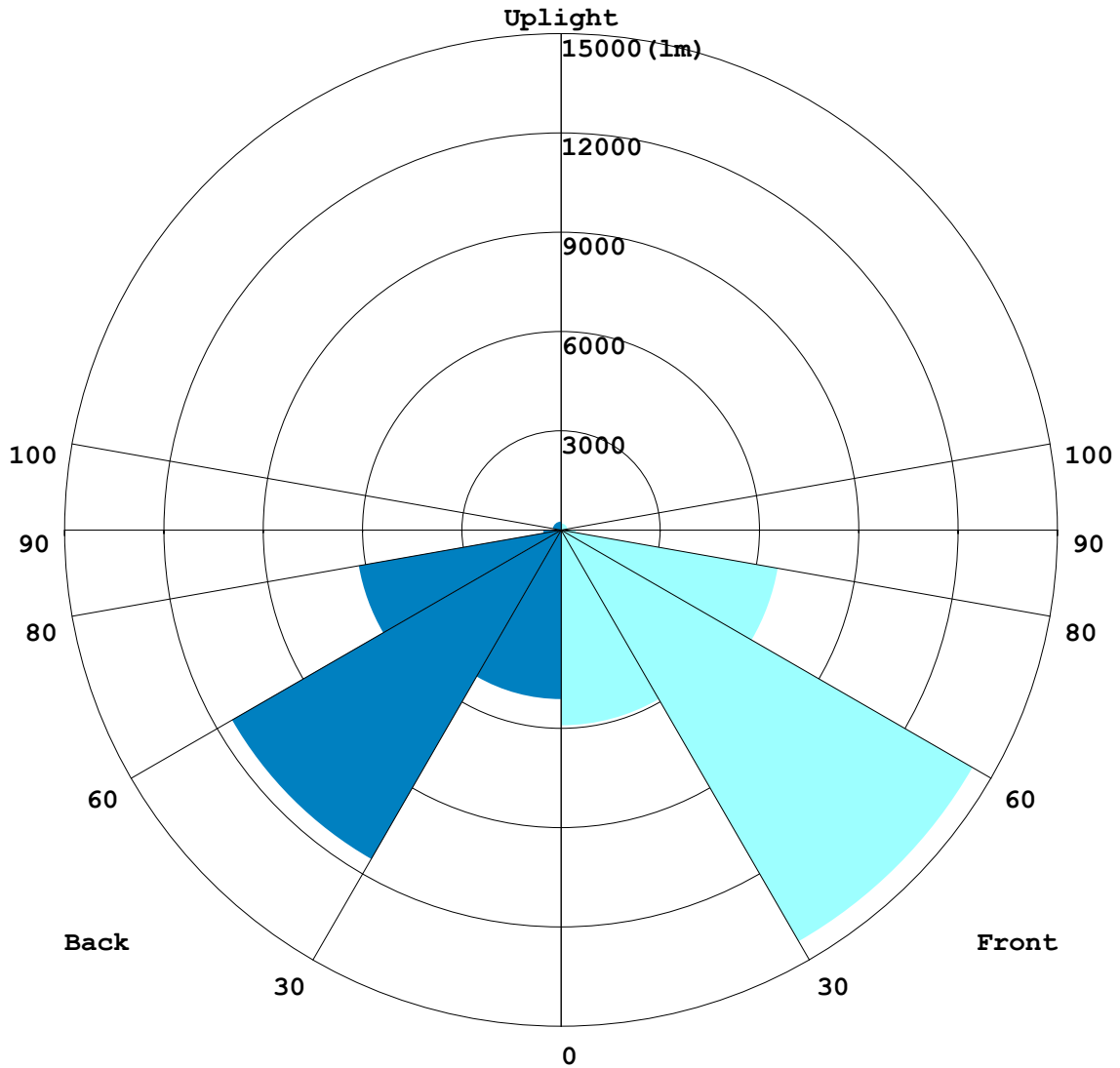
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz		
Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 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:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	5908.1	11.5
FM - Front-Medium(30-60)	14354	28.0
FH - Front-High(60-80)	6652.7	13.0
FVH - Front-Very High(80-90)	450.85	0.9
Total Forward Light	27586	53.9

BL - Back-Low(0-30)	5113.6	10.0
BM - Back-Medium(30-60)	11480	22.4
BH - Back-High(60-80)	6206.8	12.1
BVH - Back-Very High(80-90)	538.61	1.1
Total Back Light	23622	46.1

UL - Uplight-Low(90-100)	47.841	0.1
UH - Uplight-High(100-180)	455.2	0.9
Total Up Light	503.04	1.0

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	23339	283.07	23622
Street Side	27366	219.97	27586

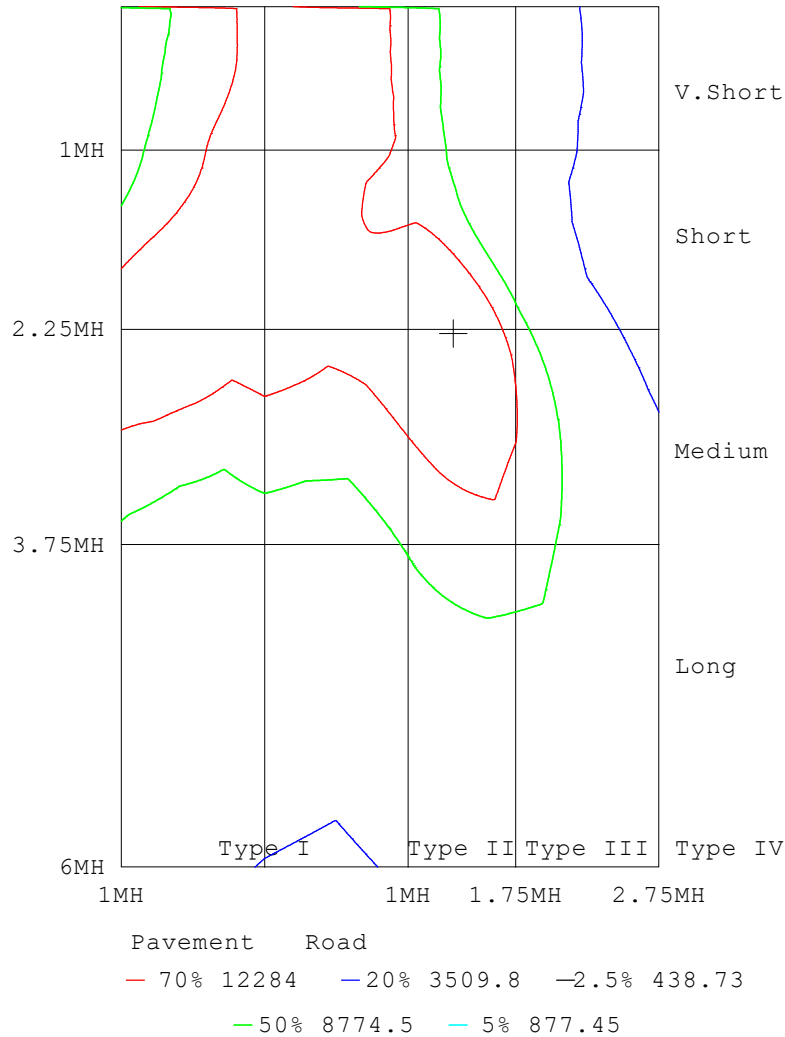
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 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:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 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	1403	1395	1389	1383	1378	1374	1372	1368	1365	1362	1361	1358	1357	1355	1354	1352	1351	1347	1346
5	1403	1398	1393	1391	1389	1387	1386	1385	1384	1383	1382	1381	1381	1379	1379	1377	1376	1374	1372
10	1400	1398	1397	1396	1396	1396	1397	1396	1397	1396	1397	1396	1396	1396	1395	1394	1393	1391	1389
15	1397	1399	1401	1403	1404	1406	1407	1408	1409	1409	1409	1408	1408	1408	1406	1405	1404	1401	1399
20	1401	1407	1411	1414	1416	1417	1418	1418	1418	1417	1415	1414	1412	1410	1408	1406	1404	1402	1400
25	1413	1422	1427	1429	1429	1428	1426	1423	1419	1415	1410	1408	1404	1402	1399	1398	1395	1393	1391
30	1438	1447	1451	1449	1445	1437	1429	1420	1411	1404	1396	1392	1386	1384	1379	1378	1374	1373	1370
35	1478	1485	1482	1471	1455	1437	1420	1404	1390	1379	1369	1364	1356	1352	1344	1340	1334	1333	1329
40	1520	1527	1519	1496	1466	1433	1403	1379	1359	1347	1335	1326	1311	1301	1284	1275	1261	1259	1252
45	1556	1563	1548	1515	1470	1424	1381	1351	1328	1313	1294	1274	1240	1213	1177	1158	1129	1123	1109
50	1606	1593	1547	1486	1419	1367	1323	1300	1280	1263	1221	1168	1097	1046	989	962	926	917	900
55	1668	1612	1523	1430	1338	1270	1225	1215	1208	1173	1069	968	865	807	753	729	701	696	684
60	1686	1589	1481	1379	1288	1228	1207	1200	1149	1001	818	707	624	588	555	542	524	521	512
65	1560	1479	1393	1361	1374	1406	1469	1376	1051	749	567	487	437	421	401	395	379	376	367
70	1212	1169	1135	1223	1372	1606	1737	1397	880	561	386	325	287	275	253	240	215	210	198
75	750	721	750	937	1116	1265	1081	805	523	360	240	197	164	146	126	114	102	102	97.5
80	376	353	425	612	638	608	468	365	243	175	122	99.5	79.6	68.4	56.8	53.3	47.4	47.1	43.6
85	154	132	166	253	258	223	156	119	77.7	54.8	35.3	30.4	21.4	18.4	15.7	10.9	10.3	6.34	4.54
90	20.1	14.8	17.5	40.3	39.4	34.7	13.4	12.2	9.19	2.90	1.90	1.67	1.41	1.27	1.21	1.14	1.10	1.07	1.09
95	5.07	4.92	4.84	4.64	4.50	4.26	4.01	3.55	3.18	2.72	2.37	2.05	1.84	1.67	1.59	1.51	1.49	1.46	1.49
100	6.50	6.30	6.13	5.84	5.61	5.28	4.94	4.47	4.04	3.55	3.15	2.77	2.49	2.24	2.13	2.02	2.00	1.95	1.99
105	7.96	7.70	7.45	7.07	6.76	6.35	5.95	5.44	4.97	4.43	3.99	3.55	3.22	2.92	2.77	2.62	2.58	2.53	2.57
110	9.26	8.96	8.62	8.18	7.77	7.30	6.88	6.36	5.89	5.34	4.87	4.37	4.00	3.65	3.45	3.28	3.23	3.18	3.21
115	10.2	9.90	9.50	9.05	8.66	8.21	7.79	7.27	6.77	6.21	5.72	5.20	4.80	4.42	4.18	3.99	3.94	3.87	3.89
120	10.9	10.5	10.1	9.77	9.42	9.02	8.59	8.07	7.56	7.01	6.52	6.01	5.61	5.20	4.96	4.77	4.71	4.61	4.63
125	11.2	10.9	10.6	10.3	9.96	9.60	9.20	8.72	8.26	7.75	7.28	6.78	6.36	5.97	5.75	5.57	5.49	5.39	5.40
130	11.2	11.0	10.7	10.5	10.3	9.97	9.64	9.27	8.88	8.40	7.92	7.41	7.02	6.68	6.47	6.30	6.19	6.10	6.10
135	11.1	10.9	10.8	10.7	10.5	10.3	10.0	9.71	9.32	8.87	8.41	7.97	7.62	7.32	7.15	6.96	6.85	6.76	6.76
140	10.9	10.9	10.8	10.8	10.7	10.5	10.3	9.97	9.64	9.25	8.87	8.50	8.22	7.97	7.78	7.59	7.49	7.39	7.39
145	10.9	11.0	11.0	11.0	10.9	10.7	10.5	10.3	9.96	9.64	9.33	9.04	8.81	8.57	8.41	8.24	8.14	8.04	8.02
150	11.2	11.2	11.3	11.2	11.1	11.0	10.8	10.5	10.3	10.0	9.79	9.57	9.36	9.17	9.02	8.87	8.76	8.66	8.62
155	11.5	11.5	11.5	11.4	11.3	11.2	11.1	10.9	10.7	10.5	10.3	10.1	9.90	9.74	9.61	9.46	9.34	9.24	9.18
160	11.9	12.0	11.9	11.8	11.7	11.6	11.5	11.3	11.1	10.9	10.8	10.6	10.5	10.4	10.2	10.1	9.97	9.87	9.81
165	12.4	12.4	12.4	12.3	12.2	12.1	11.9	11.8	11.6	11.4	11.3	11.2	11.1	10.9	10.8	10.7	10.6	10.5	10.4
170	12.9	12.9	12.8	12.7	12.6	12.4	12.3	12.1	12.0	11.8	11.7	11.6	11.5	11.4	11.2	11.1	11.1	11.0	11.0
175	13.3	13.2	13.1	12.9	12.8	12.6	12.5	12.4	12.3	12.1	12.0	11.9	11.8	11.7	11.6	11.6	11.5	11.5	11.5
180	13.4	13.3	13.1	13.0	12.9	12.8	12.7	12.6	12.5	12.3	12.2	12.2	12.1	12.0	11.9	11.9	11.9	11.9	11.9

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 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	1342	1344	1342	1344	1343	1345	1344	1346	1345	1347	1347	1348	1348	1349	1350	1351	1351	1403	1395	
5	1368	1369	1368	1369	1368	1368	1367	1367	1365	1365	1364	1363	1361	1360	1358	1357	1354	1404	1393	
10	1386	1386	1385	1385	1385	1385	1384	1383	1382	1381	1379	1378	1376	1373	1369	1366	1360	1408	1393	
15	1396	1396	1397	1397	1397	1397	1397	1397	1397	1397	1397	1397	1396	1393	1391	1386	1380	1371	1416	1397
20	1397	1397	1397	1398	1400	1402	1404	1406	1408	1411	1413	1415	1415	1414	1410	1404	1393	1435	1411	
25	1388	1387	1388	1389	1391	1394	1398	1403	1409	1416	1423	1430	1436	1442	1443	1441	1430	1468	1439	
30	1368	1367	1369	1369	1371	1372	1378	1384	1394	1404	1418	1433	1449	1465	1476	1484	1478	1517	1486	
35	1330	1329	1334	1335	1339	1342	1349	1355	1367	1381	1403	1428	1457	1486	1508	1523	1523	1563	1533	
40	1257	1259	1271	1278	1291	1299	1313	1324	1340	1361	1391	1427	1466	1502	1529	1545	1545	1585	1549	
45	1118	1123	1149	1166	1200	1226	1259	1281	1306	1327	1356	1385	1426	1464	1506	1540	1561	1611	1576	
50	909	910	943	970	1025	1074	1144	1194	1228	1239	1258	1284	1335	1395	1464	1529	1583	1659	1643	
55	690	690	713	735	786	842	938	1035	1133	1179	1206	1242	1293	1358	1429	1498	1571	1678	1698	
60	517	517	532	542	574	610	692	809	1009	1228	1337	1365	1365	1370	1381	1411	1470	1589	1639	
65	372	372	384	387	407	432	500	621	853	1190	1509	1521	1389	1281	1216	1184	1222	1312	1316	
70	206	209	229	238	261	285	342	433	607	816	1094	1238	1202	1027	898	809	826	910	896	
75	100	101	111	122	141	162	200	245	331	417	550	641	718	701	609	461	445	533	611	
80	45.2	44.3	49.0	52.2	62.4	69.6	85.5	102	134	169	225	275	351	360	319	225	210	262	351	
85	5.24	5.36	7.38	10.1	10.7	13.1	14.7	16.8	30.7	37.9	58.8	73.0	106	115	94.2	58.2	49.5	73.7	127	
90	1.10	1.13	1.18	1.28	1.38	1.55	1.80	2.13	2.48	2.90	3.25	3.66	4.00	4.40	4.53	4.75	4.81	5.75	6.06	
95	1.49	1.53	1.58	1.70	1.83	2.08	2.40	2.77	3.17	3.66	4.09	4.56	4.89	5.25	5.41	5.58	5.58	7.34	7.40	
100	1.98	2.03	2.08	2.23	2.41	2.73	3.11	3.54	4.01	4.57	5.04	5.56	5.94	6.36	6.61	6.87	6.95	8.88	8.93	
105	2.56	2.62	2.68	2.86	3.09	3.45	3.88	4.38	4.88	5.46	5.94	6.48	6.88	7.37	7.72	8.07	8.24	10.3	10.3	
110	3.21	3.26	3.34	3.55	3.80	4.21	4.68	5.23	5.76	6.33	6.80	7.32	7.73	8.21	8.57	8.98	9.24	11.3	11.3	
115	3.89	3.97	4.04	4.27	4.52	4.95	5.45	6.02	6.53	7.09	7.59	8.10	8.50	8.96	9.30	9.68	9.96	11.9	12.0	
120	4.63	4.71	4.78	4.99	5.26	5.67	6.13	6.71	7.22	7.72	8.22	8.72	9.14	9.55	9.92	10.3	10.5	12.3	12.4	
125	5.38	5.45	5.53	5.70	5.92	6.28	6.68	7.16	7.65	8.12	8.55	9.01	9.48	9.90	10.3	10.6	10.8	12.4	12.5	
130	6.08	6.13	6.20	6.36	6.52	6.79	7.11	7.47	7.84	8.24	8.64	9.08	9.53	9.92	10.3	10.5	10.7	12.2	12.3	
135	6.73	6.77	6.83	6.99	7.11	7.29	7.50	7.76	8.01	8.31	8.64	9.00	9.42	9.78	10.2	10.3	10.5	12.0	12.0	
140	7.36	7.39	7.42	7.55	7.66	7.78	7.92	8.09	8.28	8.51	8.72	9.03	9.35	9.65	10.0	10.1	10.3	11.8	11.8	
145	7.98	7.98	7.99	8.06	8.13	8.25	8.35	8.49	8.62	8.81	9.02	9.24	9.46	9.70	9.89	10.1	10.2	11.9	11.7	
150	8.56	8.53	8.50	8.53	8.57	8.65	8.74	8.87	8.97	9.12	9.28	9.49	9.69	9.83	10.0	10.2	10.3	12.1	11.9	
155	9.10	9.07	9.03	9.04	9.05	9.13	9.19	9.29	9.38	9.52	9.63	9.79	9.92	10.1	10.2	10.4	10.6	12.3	12.1	
160	9.73	9.70	9.65	9.68	9.67	9.73	9.75	9.83	9.89	10.0	10.1	10.3	10.4	10.5	10.7	10.8	11.0	12.6	12.4	
165	10.4	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.3	11.5	12.9	12.7	
170	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.1	11.2	11.2	11.4	11.5	11.5	11.6	11.8	12.0	13.2	13.0	
175	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.6	11.6	11.7	11.8	11.9	12.0	12.1	12.3	12.5	12.8	13.5	13.3	
180	11.9	11.9	11.9	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.3	12.4	12.4	12.5	12.6	12.8	13.1	13.5	13.3	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 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	1389	1383	1378	1374	1372	1368	1365	1362	1361	1358	1357	1355	1354	1352	1351	1347	1346	1342	1344
5	1383	1374	1366	1358	1353	1346	1341	1334	1331	1325	1322	1317	1315	1311	1309	1305	1304	1300	1302
10	1379	1365	1353	1341	1331	1319	1309	1298	1290	1280	1275	1266	1262	1255	1253	1246	1246	1241	1245
15	1377	1358	1339	1320	1304	1285	1270	1252	1240	1225	1216	1204	1198	1188	1185	1177	1177	1171	1176
20	1385	1358	1330	1302	1277	1250	1227	1203	1185	1165	1153	1137	1129	1116	1111	1102	1101	1096	1100
25	1405	1369	1330	1291	1254	1218	1186	1155	1131	1107	1090	1073	1061	1046	1038	1027	1024	1019	1025
30	1445	1397	1343	1288	1237	1188	1148	1111	1082	1055	1035	1013	996	976	962	947	942	937	945
35	1488	1433	1365	1292	1223	1161	1111	1067	1033	1001	973	942	919	890	873	852	847	842	856
40	1501	1444	1377	1299	1219	1145	1082	1024	975	925	886	845	817	786	769	750	746	742	757
45	1513	1433	1349	1263	1184	1103	1034	959	892	824	778	734	709	683	671	656	653	649	661
50	1577	1480	1358	1240	1134	1034	944	852	776	706	664	629	614	598	592	580	577	573	583
55	1669	1590	1454	1304	1150	1004	862	738	658	596	566	543	540	537	536	524	518	515	527
60	1686	1652	1556	1410	1226	1020	804	638	553	501	479	462	461	455	458	449	449	446	457
65	1397	1422	1400	1321	1218	996	745	557	465	416	398	382	377	368	368	361	365	362	370
70	913	953	1050	1073	999	786	600	457	383	336	315	293	274	248	238	224	227	226	243
75	659	646	662	638	587	466	387	315	274	234	205	172	153	134	126	120	122	120	127
80	503	504	387	279	230	179	156	138	131	120	109	92.4	84.8	77.5	75.6	72.0	74.1	72.9	76.3
85	244	197	130	76.1	63.9	48.3	43.4	33.7	37.5	34.7	37.1	35.4	35.4	34.1	32.3	31.9	31.8	33.4	35.4
90	6.17	6.58	6.24	6.08	5.95	5.70	5.49	5.11	4.82	4.32	4.10	3.37	2.93	2.51	2.34	2.04	2.17	2.31	3.09
95	7.25	7.08	6.73	6.42	6.01	5.67	5.25	4.84	4.33	3.86	3.33	2.96	2.65	2.51	2.39	2.37	2.32	2.35	2.35
100	8.74	8.48	8.02	7.60	7.10	6.71	6.25	5.85	5.33	4.86	4.32	3.89	3.50	3.30	3.13	3.09	3.03	3.07	3.08
105	10.1	9.74	9.20	8.67	8.09	7.64	7.20	6.85	6.39	5.94	5.41	4.97	4.53	4.29	4.07	4.01	3.94	3.99	4.01
110	11.1	10.8	10.2	9.61	9.01	8.53	8.10	7.80	7.42	7.03	6.52	6.10	5.65	5.38	5.14	5.07	4.99	5.04	5.07
115	11.9	11.6	11.1	10.6	10.0	9.57	9.11	8.77	8.39	8.05	7.60	7.20	6.77	6.52	6.29	6.23	6.14	6.20	6.22
120	12.4	12.2	11.8	11.3	10.8	10.4	9.98	9.60	9.24	8.93	8.53	8.19	7.84	7.64	7.45	7.40	7.32	7.37	7.39
125	12.6	12.4	12.1	11.7	11.2	10.8	10.5	10.2	9.88	9.58	9.27	9.04	8.80	8.69	8.53	8.49	8.42	8.47	8.49
130	12.5	12.4	12.2	11.9	11.4	11.0	10.7	10.4	10.2	9.98	9.84	9.76	9.65	9.59	9.46	9.44	9.39	9.42	9.44
135	12.1	12.1	12.1	11.8	11.5	11.1	10.8	10.6	10.4	10.4	10.3	10.4	10.4	10.3	10.2	10.2	10.2	10.2	10.2
140	11.8	11.7	11.7	11.6	11.5	11.3	11.1	11.0	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
145	11.7	11.6	11.6	11.5	11.5	11.4	11.4	11.3	11.2	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.2
150	11.8	11.7	11.7	11.6	11.6	11.6	11.6	11.5	11.5	11.5	11.4	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.4
155	12.1	12.0	11.9	11.9	11.9	11.8	11.8	11.8	11.7	11.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7
160	12.3	12.2	12.2	12.1	12.1	12.0	12.0	11.9	11.9	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9
165	12.6	12.5	12.4	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1
170	12.8	12.7	12.6	12.5	12.5	12.4	12.3	12.3	12.2	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
175	13.1	12.9	12.8	12.7	12.6	12.5	12.4	12.3	12.3	12.2	12.2	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.1
180	13.2	13.0	12.9	12.8	12.7	12.6	12.5	12.3	12.2	12.2	12.1	12.1	12.0	11.9	11.9	11.9	11.9	11.9	11.9

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:277.22V I:1.2149A P:288.76W PF:0.9732 Freq:50.03Hz Lamp Flux:51208.5x1 lm		
NAME: ASD-LSB5BHV-PRO-300BR	TYPE:	WEIGHT:
SPEC.: 300W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

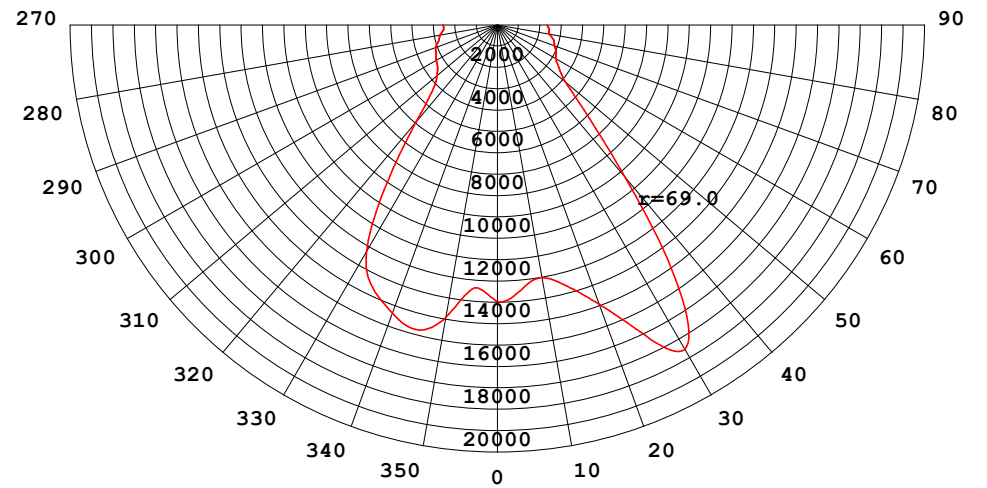
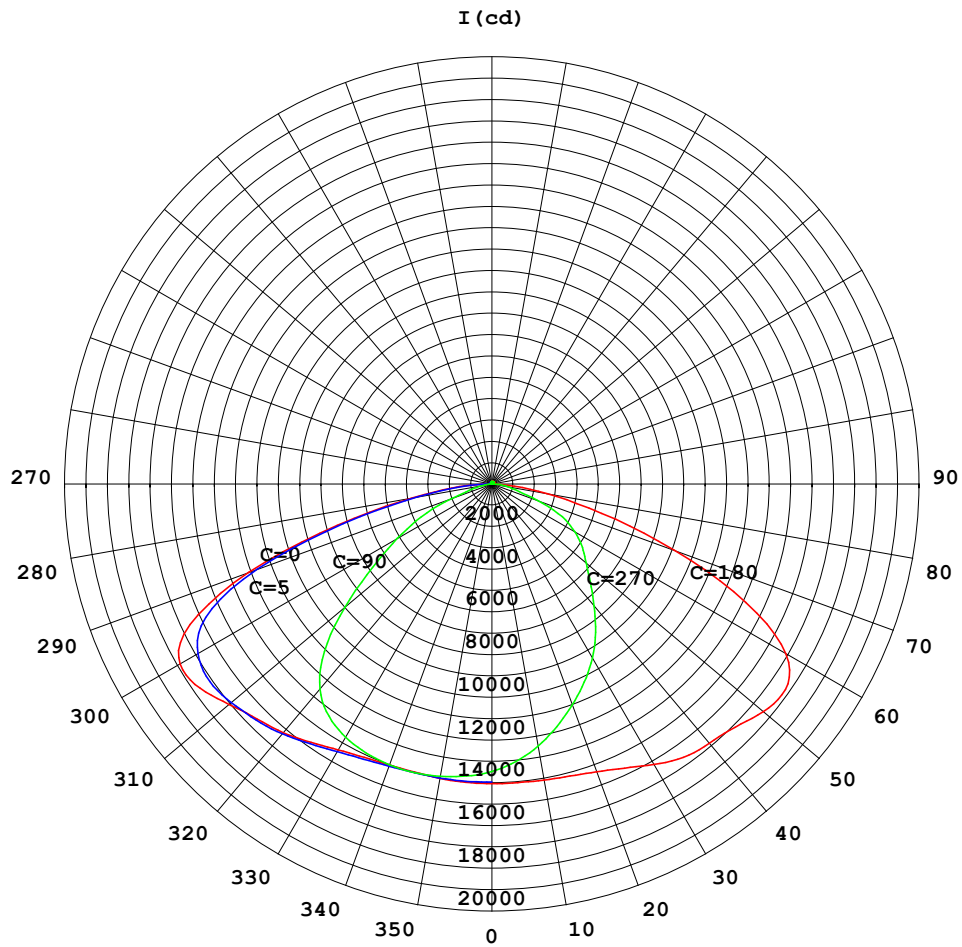
C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1342	1344	1343	1345	1344	1346	1345	1347	1347	1348	1348	1349	1350	1351	1351				
5	1301	1304	1305	1309	1310	1314	1316	1321	1324	1328	1332	1336	1340	1344	1348				
10	1244	1249	1252	1258	1263	1271	1277	1285	1293	1302	1310	1319	1326	1335	1342				
15	1176	1183	1188	1198	1206	1218	1229	1243	1255	1270	1283	1298	1311	1324	1336				
20	1102	1111	1118	1132	1143	1160	1176	1196	1214	1235	1255	1277	1297	1317	1336				
25	1029	1042	1052	1068	1083	1104	1123	1148	1173	1201	1230	1261	1291	1319	1345				
30	955	973	989	1010	1029	1052	1074	1103	1134	1172	1211	1253	1295	1333	1368				
35	871	897	920	951	975	1004	1030	1063	1099	1146	1198	1254	1313	1364	1408				
40	772	801	828	867	903	946	983	1025	1069	1125	1192	1266	1340	1401	1450				
45	673	699	722	762	804	865	923	986	1045	1112	1190	1273	1350	1418	1475				
50	590	607	622	655	694	760	834	923	997	1077	1160	1253	1352	1446	1523				
55	533	539	542	561	587	646	723	832	937	1047	1155	1272	1414	1535	1603				
60	459	467	466	478	493	537	606	734	900	1073	1232	1394	1575	1671	1670				
65	371	380	383	395	407	438	496	644	912	1188	1402	1560	1666	1673	1562				
70	256	285	298	316	326	355	411	576	877	1209	1338	1390	1387	1280	1133				
75	140	160	179	214	240	272	318	435	621	898	1061	1033	854	761	724				
80	78.2	85.8	95.1	120	139	162	178	224	281	413	485	549	524	506	416				
85	37.7	42.3	43.7	49.8	53.2	58.0	58.5	71.0	81.2	110	144	230	332	326	177				
90	3.26	3.75	4.04	4.39	4.50	5.85	9.62	8.17	11.4	11.0	18.1	33.9	32.7	77.1	19.7				
95	2.45	2.68	3.06	3.48	3.95	4.42	4.78	5.00	5.41	5.67	5.79	5.85	6.01	6.07	6.17				
100	3.22	3.37	3.70	4.06	4.56	4.99	5.46	5.72	6.16	6.40	6.73	6.95	7.29	7.51	7.70				
105	4.18	4.38	4.75	5.10	5.58	5.98	6.43	6.76	7.13	7.44	7.87	8.19	8.65	8.95	9.19				
110	5.28	5.49	5.89	6.23	6.69	7.02	7.38	7.65	8.03	8.41	8.92	9.33	9.86	10.2	10.5				
115	6.43	6.64	7.02	7.35	7.75	8.02	8.34	8.61	9.02	9.40	9.92	10.3	10.8	11.2	11.5				
120	7.58	7.74	8.08	8.36	8.70	8.96	9.33	9.64	10.1	10.4	10.8	11.2	11.6	11.9	12.1				
125	8.66	8.76	9.02	9.26	9.61	9.88	10.2	10.5	10.9	11.2	11.5	11.7	12.0	12.3	12.4				
130	9.60	9.68	9.85	10.0	10.3	10.6	11.0	11.2	11.4	11.6	11.8	11.9	12.1	12.3	12.4				
135	10.4	10.5	10.6	10.7	10.9	11.2	11.4	11.6	11.8	11.9	12.0	12.1	12.2	12.2	12.2				
140	10.9	11.0	11.2	11.2	11.4	11.6	11.8	11.9	12.0	12.1	12.1	12.2	12.2	12.2	12.1				
145	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.2	12.2	12.2	12.2	12.1				
150	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.2				
155	11.8	11.8	11.9	11.9	12.0	12.1	12.3	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.4				
160	12.0	12.0	12.1	12.1	12.2	12.2	12.3	12.4	12.6	12.7	12.7	12.7	12.7	12.7	12.7				
165	12.1	12.1	12.2	12.2	12.3	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.8	12.9	12.9				
170	12.2	12.2	12.2	12.2	12.3	12.3	12.4	12.5	12.6	12.7	12.8	12.8	12.9	13.0	13.1				
175	12.1	12.1	12.1	12.1	12.2	12.2	12.3	12.3	12.4	12.5	12.7	12.7	12.9	13.1	13.2				
180	11.9	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.3	12.3	12.4	12.5	12.6	12.9	13.1				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

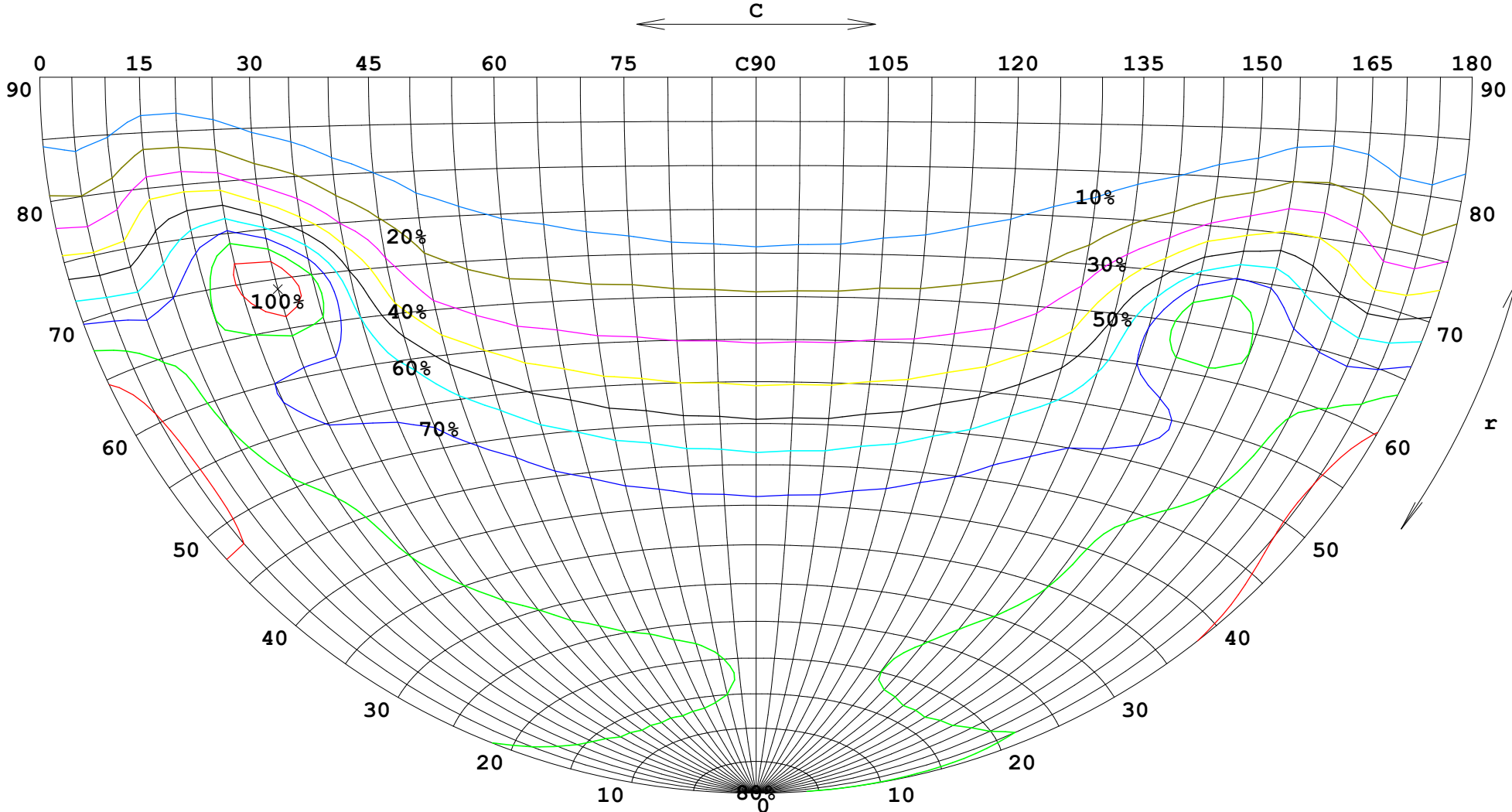
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

FLUX DATA:

LOR: 100.0 %
STREET DOWN: 27366 lm
STREET UP: 220.0 lm
HOUSE DOWN: 23339 lm
HOUSE UP: 283.1 lm



$I_{max}(100\%) = 17546 \text{ cd}$



$E_{\max}(100\%) = 140.3 \text{ lx}$ $H = 10\text{m}$

