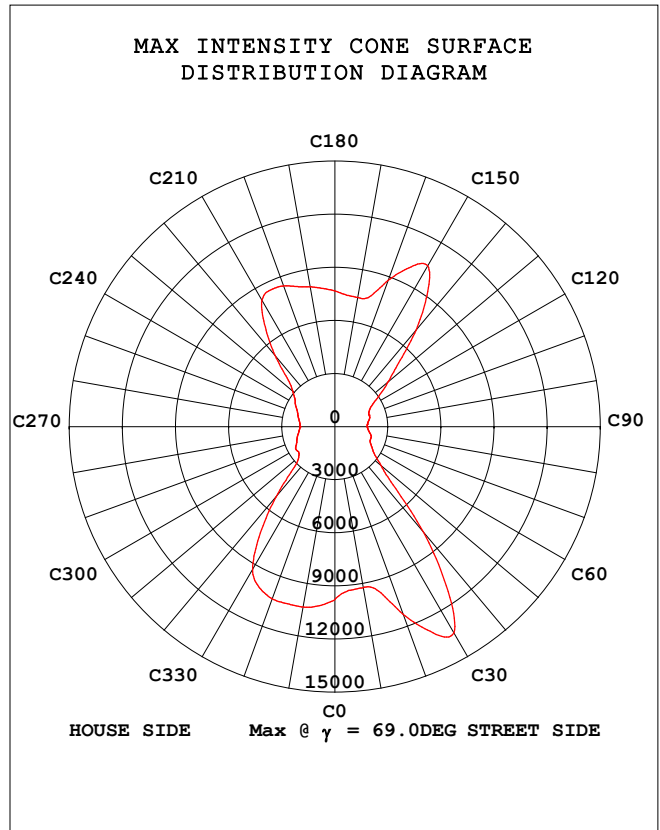
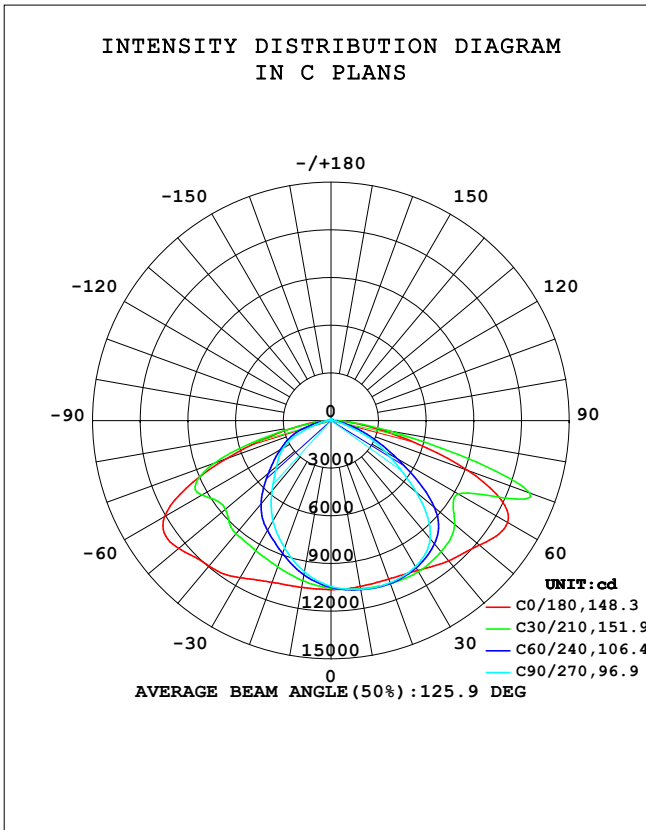


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 165.61 lm/W			
MODEL	ASD-LSB5B-PRO-240BR	I _{max} (cd)	13448	η street_up (%)	0.4
NOMINAL POWER (W)	240	LOR (%)	100.0	η street_down (%)	53.6
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	39419	η house_up (%)	0.6
NOMINAL FLUX (lm)	39419.5	MAXIMUM @ (C, γ)	30,69.0	η house_down (%)	45.4
LAMPS INSIDE	1	η up (%)	1.0	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	99.0	SLI	

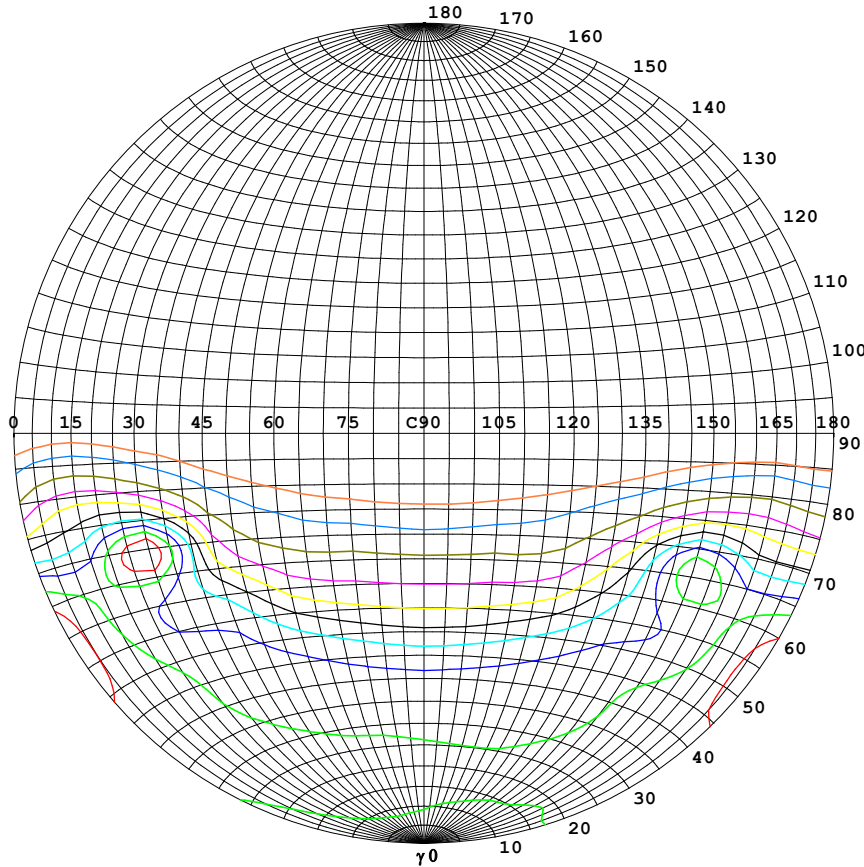


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2024-5-30

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



Classification:

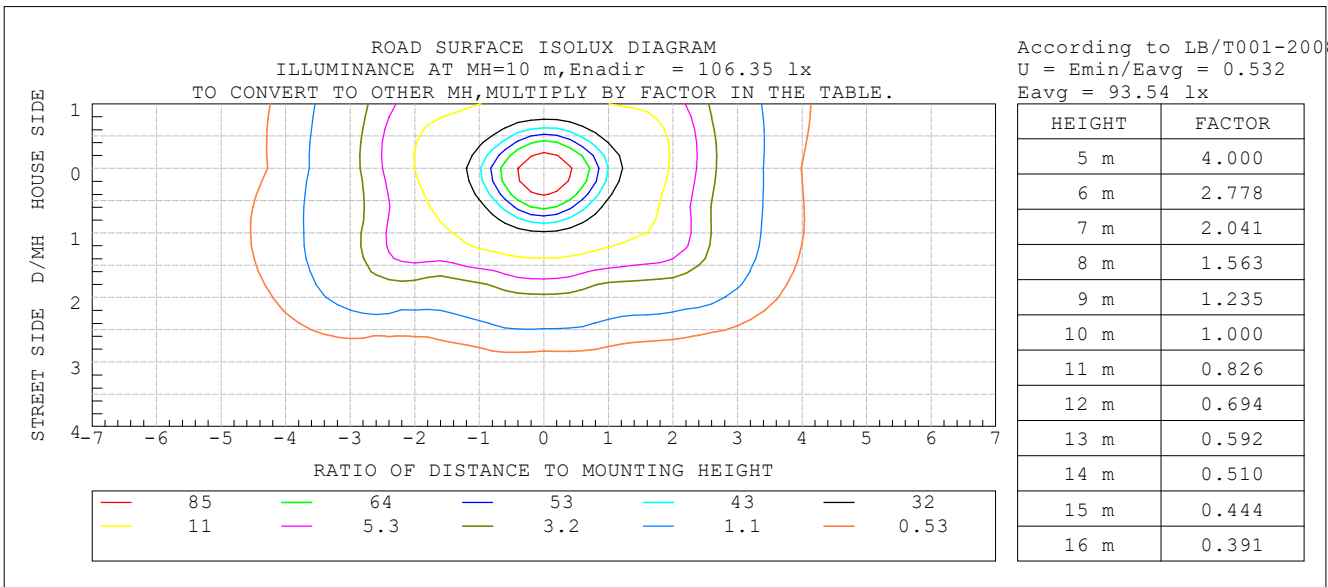
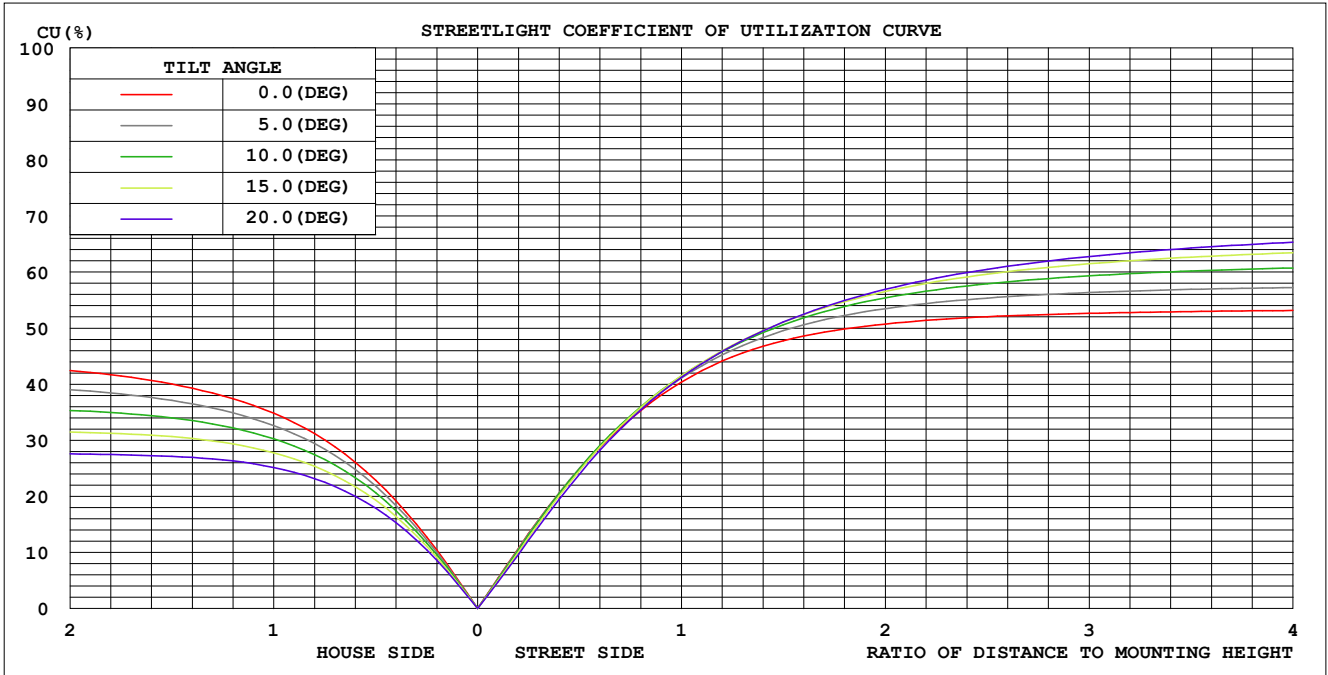
IES:Type III - Medium
 CIE:Broad - Intermediate
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:116.0cd/klm
 Max.At90:8.605cd/klm
 Max.80-90:116.0cd/klm
 NRB 5101:Limited[9.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	13448
90%	12103
80%	10759
70%	9414
60%	8069
50%	6724
40%	5379
30%	4034
20%	2690
10%	1345
5%	672

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

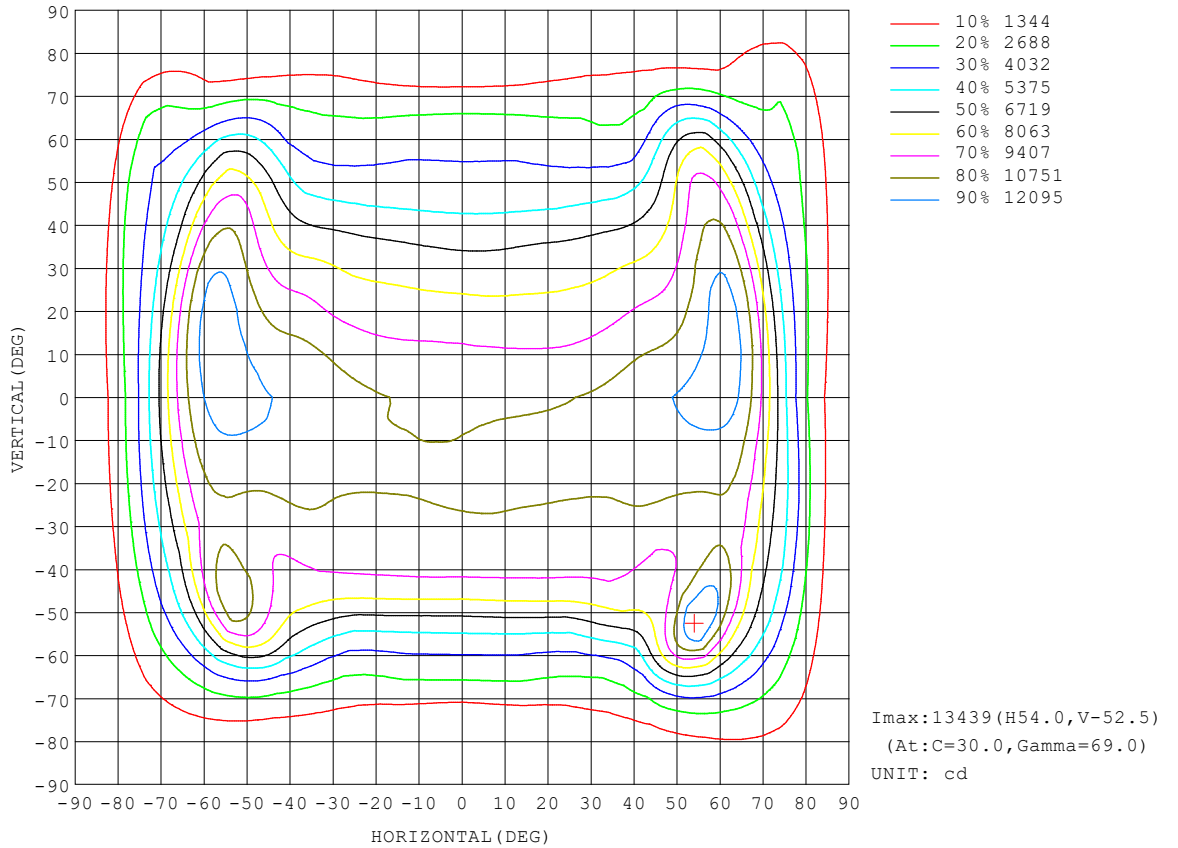
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	1061	1078	1078	1066	1066	1002	966.9	984.9	0- 10	993.7	993.7	2.52,2.52
20	1062	1093	1086	1086	1084	928.8	853.8	906.8	10- 20	2897	3891	9.87,9.87
30	1090	1083	1062	1075	1142	855.6	730.3	827.5	20- 30	4605	8495	21.6,21.6
40	1152	1038	971.5	1031	1195	787.0	578.2	755.7	30- 40	6030	14526	36.8,36.8
50	1220	971.2	701.3	946.0	1252	658.1	446.9	639.9	40- 50	6890	21415	54.3,54.3
60	1283	775.5	398.6	771.3	1209	494.1	348.1	463.9	50- 60	6935	28351	71.9,71.9
70	913.3	439.5	155.8	468.6	702.0	356.7	176.0	314.4	60- 70	6369	34720	88.1,88.1
80	281.9	136.4	34.17	106.5	203.3	107.6	57.36	135.1	70- 80	3537	38257	97.1,97.1
90	11.21	2.121	0.8294	1.966	4.326	3.999	1.684	4.200	80- 90	773.5	39030	99,99
100	4.954	2.760	1.533	3.035	6.697	4.509	2.372	4.154	90-100	37.03	39067	99.1,99.1
110	7.019	4.141	2.483	4.393	8.499	6.014	3.892	5.710	100-110	47.20	39114	99.2,99.2
120	8.234	5.425	3.586	5.581	9.285	7.406	5.688	7.217	110-120	58.32	39173	99.4,99.4
130	8.503	6.480	4.727	6.023	9.259	8.029	7.279	8.483	120-130	62.71	39235	99.5,99.5
140	8.251	7.122	5.731	6.476	8.972	8.443	8.356	9.078	130-140	58.97	39294	99.7,99.7
150	8.453	7.711	6.677	6.914	9.151	8.878	8.811	9.357	140-150	50.57	39345	99.8,99.8
160	9.071	8.506	7.730	7.742	9.559	9.185	9.241	9.605	150-160	39.41	39384	99.9,99.9
170	9.847	9.302	8.775	8.874	10.04	9.511	9.514	9.718	160-170	25.91	39410	100,100
180	10.17	9.564	9.268	9.474	10.20	9.544	9.288	9.458	170-180	9.150	39419	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

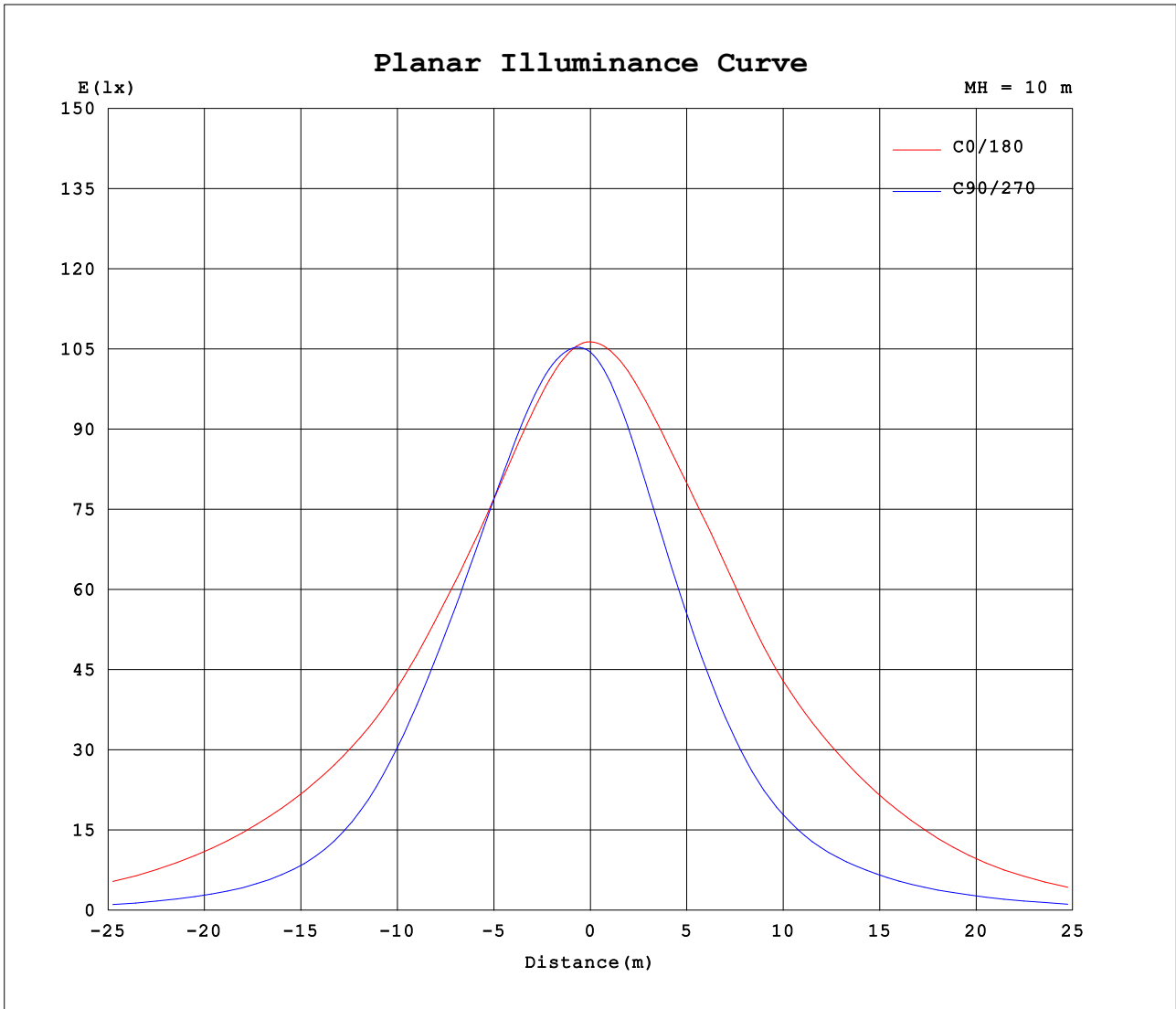
Test:U:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



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



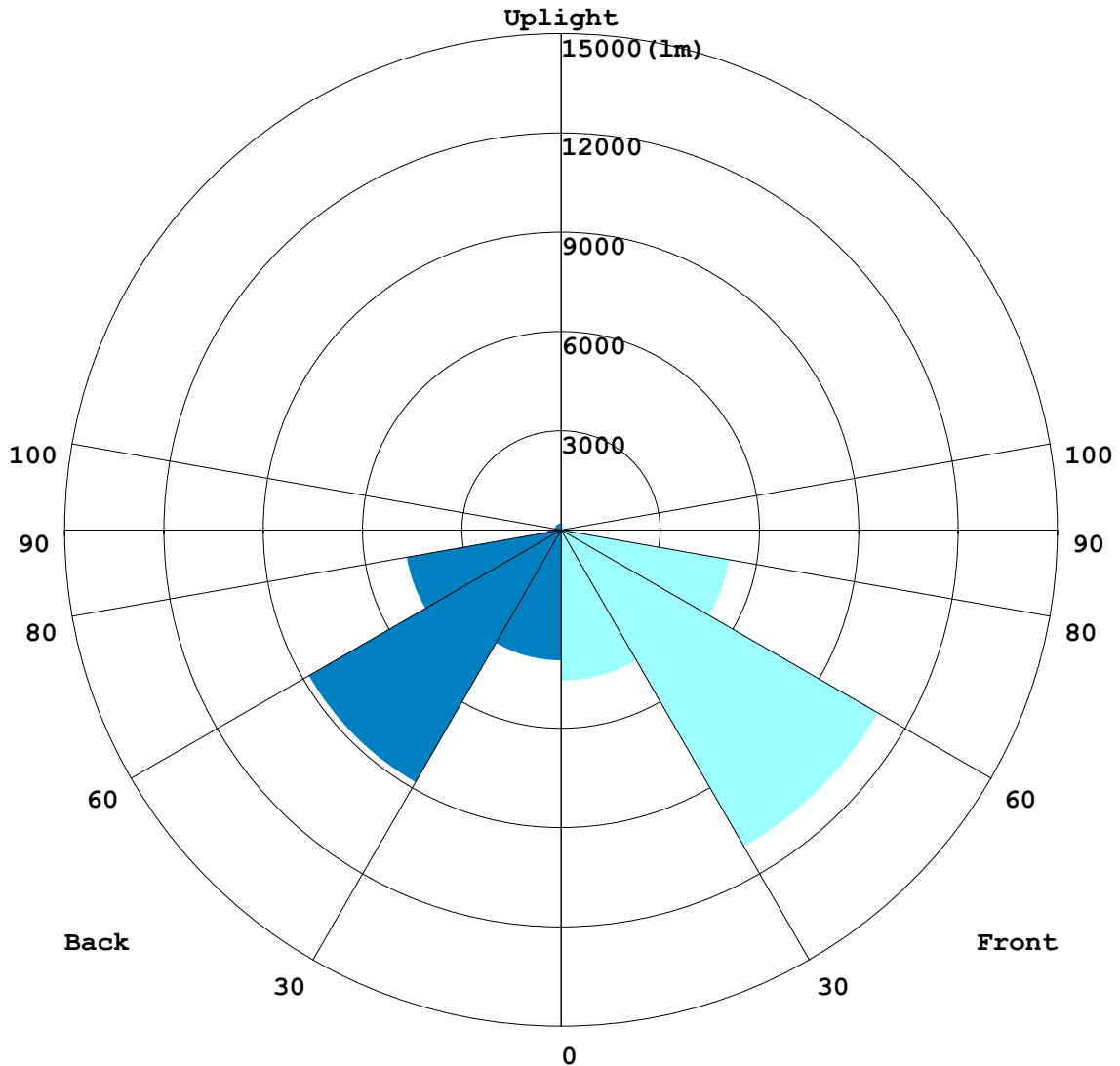
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: S
 Test Date: 2024-5-30

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz		
Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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: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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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)	4556.6	11.6
FM - Front-Medium(30-60)	11054	28.0
FH - Front-High(60-80)	5173	13.1
FVH - Front-Very High(80-90)	360.95	0.9
Total Forward Light	21315	54.1

BL - Back-Low(0-30)	3938.9	10.0
BM - Back-Medium(30-60)	8801.5	22.3
BH - Back-High(60-80)	4733	12.0
BVH - Back-Very High(80-90)	412.57	1.0
Total Back Light	18105	45.9

UL - Uplight-Low(90-100)	37.026	0.1
UH - Uplight-High(100-180)	352.23	0.9
Total Up Light	389.26	1.0

BUG(Back,Up,Glare) Rating	B5-U3-G4
----------------------------------	-----------------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	17886	218.93	18105
Street Side	21144	170.33	21315

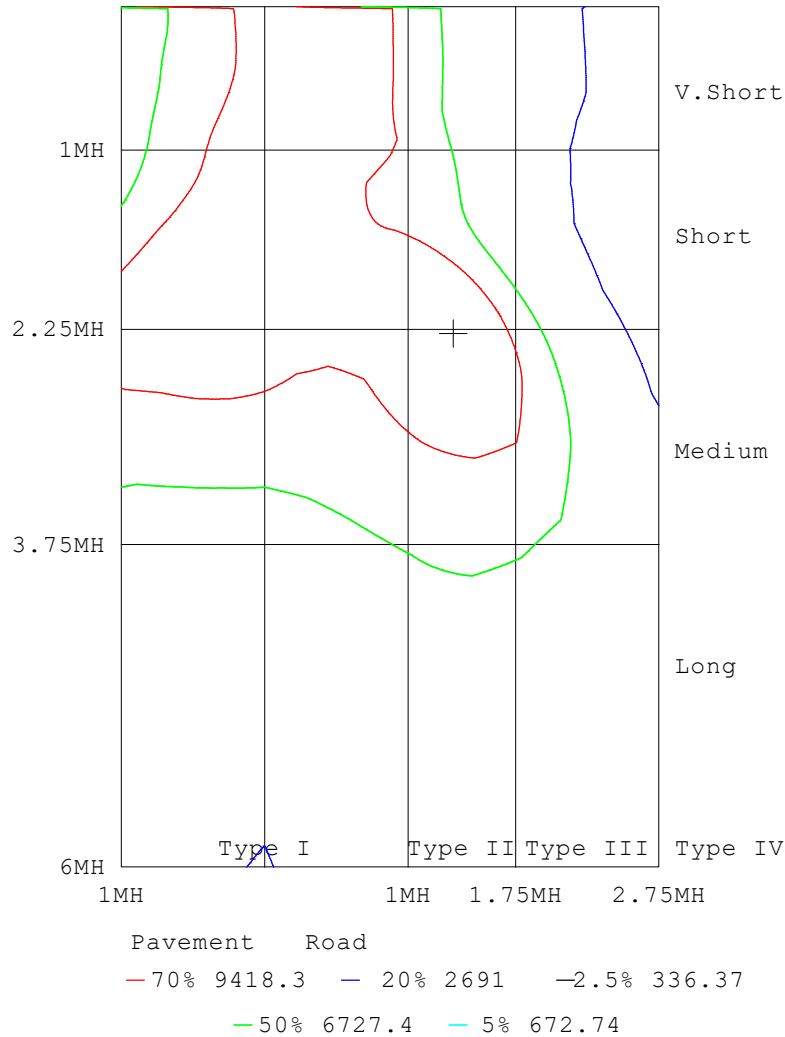
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:S
 Test Date:2024-5-30

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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: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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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	1064	1062	1060	1059	1058	1056	1055	1054	1053	1052	1051	1050	1050	1049	1048	1047	1046	1045	1045
5	1063	1064	1065	1065	1066	1067	1067	1067	1067	1067	1067	1068	1068	1068	1067	1067	1066	1066	1065
10	1061	1064	1067	1069	1072	1073	1075	1076	1077	1078	1079	1079	1080	1080	1080	1080	1079	1079	1078
15	1059	1065	1070	1074	1078	1081	1083	1085	1086	1087	1088	1089	1089	1090	1089	1089	1088	1087	1086
20	1062	1070	1077	1083	1087	1089	1091	1093	1093	1093	1093	1093	1092	1091	1091	1090	1089	1087	1086
25	1071	1081	1088	1094	1097	1098	1097	1096	1095	1092	1090	1088	1086	1084	1084	1083	1081	1080	1079
30	1090	1099	1106	1109	1108	1104	1099	1094	1089	1083	1079	1075	1071	1069	1068	1067	1065	1064	1062
35	1119	1126	1128	1125	1116	1104	1092	1082	1072	1064	1058	1052	1048	1044	1040	1038	1035	1032	1031
40	1152	1156	1153	1144	1124	1101	1078	1062	1049	1038	1029	1020	1013	1004	995	987	980	975	972
45	1180	1181	1174	1158	1128	1094	1060	1041	1025	1010	993	976	958	938	917	898	882	869	863
50	1220	1197	1169	1137	1095	1053	1015	999	987	971	934	893	850	812	777	748	725	709	701
55	1268	1209	1151	1095	1036	983	940	930	922	904	833	751	672	626	592	568	549	537	533
60	1283	1197	1122	1057	1008	966	925	884	835	775	676	574	485	448	429	422	410	402	399
65	1183	1110	1063	1041	1086	1125	1126	970	777	584	473	393	339	314	306	306	297	290	285
70	913	875	880	928	1103	1259	1333	1082	760	440	317	250	223	200	190	187	174	163	156
75	562	613	661	707	783	833	831	670	473	280	200	153	129	108	95.1	88.9	81.8	77.7	76.3
80	282	371	429	457	447	413	359	285	208	136	99.7	75.9	61.8	51.0	44.8	41.5	37.7	35.3	34.2
85	116	154	178	187	175	153	125	95.6	67.3	42.4	29.3	21.1	16.4	12.5	10.0	8.45	6.26	4.56	3.52
90	11.2	20.4	26.4	29.2	27.5	23.6	18.2	12.4	6.81	2.12	0.81	0.64	1.09	0.96	0.90	0.88	0.85	0.83	0.83
95	3.87	3.80	3.70	3.59	3.47	3.32	3.12	2.80	2.46	2.12	1.85	1.62	1.44	1.31	1.22	1.17	1.14	1.13	1.14
100	4.95	4.83	4.67	4.50	4.31	4.09	3.83	3.49	3.12	2.76	2.45	2.17	1.94	1.77	1.65	1.57	1.53	1.52	1.53
105	6.05	5.87	5.67	5.44	5.19	4.91	4.60	4.22	3.83	3.44	3.09	2.78	2.50	2.30	2.14	2.03	1.98	1.97	1.99
110	7.02	6.79	6.54	6.27	5.97	5.65	5.31	4.92	4.53	4.14	3.77	3.42	3.11	2.87	2.68	2.54	2.48	2.47	2.48
115	7.75	7.49	7.22	6.94	6.64	6.34	6.00	5.62	5.21	4.81	4.42	4.05	3.72	3.46	3.25	3.10	3.03	3.00	3.02
120	8.23	7.99	7.74	7.47	7.21	6.93	6.62	6.24	5.83	5.43	5.04	4.67	4.34	4.07	3.86	3.70	3.61	3.58	3.59
125	8.49	8.29	8.08	7.85	7.62	7.36	7.07	6.73	6.36	5.99	5.61	5.25	4.92	4.67	4.47	4.32	4.23	4.19	4.18
130	8.50	8.36	8.20	8.03	7.85	7.64	7.41	7.12	6.81	6.48	6.11	5.75	5.43	5.19	5.01	4.88	4.79	4.74	4.73
135	8.38	8.32	8.24	8.14	8.02	7.88	7.70	7.44	7.14	6.83	6.50	6.18	5.89	5.67	5.51	5.38	5.30	5.25	5.23
140	8.25	8.29	8.29	8.25	8.18	8.06	7.89	7.66	7.40	7.12	6.85	6.58	6.34	6.15	6.00	5.88	5.80	5.75	5.73
145	8.26	8.35	8.39	8.38	8.32	8.21	8.06	7.87	7.65	7.42	7.20	6.99	6.80	6.63	6.49	6.37	6.30	6.25	6.22
150	8.45	8.53	8.56	8.55	8.48	8.38	8.24	8.07	7.90	7.71	7.54	7.37	7.22	7.09	6.97	6.86	6.79	6.72	6.68
155	8.69	8.74	8.75	8.74	8.68	8.60	8.49	8.36	8.21	8.06	7.92	7.79	7.66	7.55	7.44	7.34	7.27	7.20	7.14
160	9.07	9.10	9.10	9.08	9.03	8.96	8.86	8.75	8.63	8.51	8.40	8.30	8.20	8.09	8.00	7.91	7.84	7.78	7.73
165	9.48	9.50	9.49	9.47	9.42	9.36	9.28	9.19	9.09	8.99	8.90	8.82	8.73	8.64	8.56	8.48	8.43	8.38	8.34
170	9.85	9.86	9.84	9.81	9.74	9.66	9.57	9.48	9.39	9.30	9.22	9.15	9.08	9.00	8.92	8.86	8.82	8.79	8.78
175	10.1	10.1	10.0	9.97	9.89	9.79	9.70	9.62	9.55	9.47	9.40	9.33	9.26	9.20	9.14	9.10	9.07	9.05	9.04
180	10.2	10.1	10.1	9.99	9.92	9.84	9.77	9.70	9.63	9.56	9.50	9.45	9.40	9.36	9.32	9.30	9.28	9.27	9.27

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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	1043	1042	1041	1040	1040	1040	1039	1039	1038	1038	1038	1038	1037	1037	1038	1047	1056	1064	1064
5	1063	1062	1060	1060	1059	1058	1057	1055	1054	1053	1051	1050	1047	1045	1045	1051	1058	1064	1062
10	1077	1075	1074	1073	1072	1071	1069	1068	1066	1065	1064	1062	1058	1055	1053	1058	1063	1066	1061
15	1085	1084	1083	1082	1081	1081	1080	1079	1078	1077	1077	1075	1072	1068	1065	1068	1071	1071	1063
20	1085	1084	1083	1083	1083	1084	1084	1085	1086	1088	1089	1090	1088	1085	1083	1085	1086	1084	1071
25	1078	1077	1076	1076	1076	1078	1080	1083	1087	1091	1096	1100	1103	1106	1107	1111	1111	1107	1090
30	1062	1061	1061	1060	1061	1062	1064	1069	1075	1082	1092	1101	1112	1123	1132	1141	1145	1142	1123
35	1031	1032	1034	1034	1035	1037	1040	1046	1054	1066	1080	1096	1117	1137	1155	1170	1178	1177	1157
40	974	979	985	991	997	1003	1010	1019	1031	1049	1070	1094	1121	1148	1171	1188	1197	1195	1173
45	867	877	891	908	927	946	965	985	1004	1023	1042	1064	1094	1125	1154	1185	1207	1214	1187
50	704	714	732	760	794	831	872	911	946	960	972	987	1026	1072	1121	1177	1224	1252	1232
55	533	541	556	578	610	653	725	801	871	903	928	952	993	1041	1094	1162	1224	1270	1277
60	399	405	414	420	437	474	560	662	771	876	969	1043	1058	1060	1062	1108	1160	1209	1252
65	287	291	299	296	305	335	413	518	650	847	1033	1171	1127	1038	944	945	969	1006	1048
70	159	168	179	182	194	222	279	361	469	656	834	966	913	814	706	687	688	702	715
75	76.9	80.3	86.9	94.5	108	128	160	202	257	346	434	506	518	507	483	455	429	412	438
80	34.3	35.8	38.6	41.6	46.8	55.1	67.1	84.0	106	143	182	217	237	248	251	229	209	203	269
85	3.75	4.61	5.92	6.91	8.41	10.7	13.9	18.5	24.9	35.6	47.3	58.7	68.3	75.4	79.0	69.0	60.5	59.3	95.3
90	0.84	0.88	0.93	0.99	1.09	1.23	1.43	1.68	1.97	2.29	2.64	2.99	3.35	3.67	3.95	4.11	4.22	4.33	4.52
95	1.16	1.19	1.24	1.34	1.47	1.64	1.87	2.14	2.44	2.77	3.10	3.42	3.63	3.85	4.11	4.62	5.11	5.52	5.61
100	1.54	1.57	1.64	1.76	1.93	2.14	2.40	2.70	3.03	3.42	3.81	4.17	4.35	4.53	4.80	5.46	6.13	6.70	6.79
105	1.99	2.03	2.10	2.25	2.46	2.70	3.01	3.34	3.71	4.10	4.49	4.85	5.08	5.33	5.65	6.39	7.13	7.74	7.83
110	2.49	2.53	2.61	2.79	3.02	3.30	3.63	4.01	4.39	4.78	5.17	5.52	5.75	5.99	6.33	7.09	7.86	8.50	8.61
115	3.02	3.07	3.16	3.34	3.57	3.86	4.23	4.63	5.04	5.43	5.79	6.13	6.33	6.56	6.88	7.61	8.36	8.99	9.13
120	3.60	3.64	3.74	3.89	4.10	4.37	4.74	5.15	5.58	5.98	6.35	6.69	6.89	7.10	7.38	8.04	8.71	9.28	9.45
125	4.19	4.23	4.31	4.46	4.65	4.90	5.22	5.58	5.96	6.35	6.72	7.07	7.26	7.45	7.71	8.27	8.86	9.37	9.55
130	4.73	4.77	4.84	4.96	5.12	5.30	5.50	5.74	6.02	6.42	6.83	7.22	7.42	7.62	7.85	8.33	8.82	9.26	9.46
135	5.24	5.27	5.32	5.42	5.55	5.69	5.83	5.98	6.18	6.46	6.76	7.08	7.33	7.60	7.89	8.31	8.73	9.08	9.24
140	5.72	5.74	5.78	5.85	5.95	6.07	6.19	6.33	6.48	6.59	6.73	6.92	7.21	7.55	7.92	8.32	8.68	8.97	9.05
145	6.20	6.20	6.22	6.27	6.33	6.42	6.52	6.63	6.75	6.87	7.00	7.14	7.24	7.38	7.59	8.07	8.58	9.00	9.04
150	6.63	6.61	6.59	6.61	6.64	6.68	6.74	6.82	6.91	7.06	7.21	7.37	7.42	7.51	7.68	8.18	8.70	9.15	9.19
155	7.09	7.05	7.02	7.02	7.04	7.08	7.12	7.18	7.25	7.34	7.44	7.55	7.60	7.69	7.87	8.37	8.89	9.33	9.38
160	7.68	7.64	7.61	7.61	7.62	7.64	7.66	7.69	7.74	7.82	7.90	8.00	8.05	8.14	8.30	8.73	9.18	9.56	9.59
165	8.31	8.28	8.26	8.24	8.24	8.24	8.25	8.26	8.30	8.36	8.43	8.52	8.56	8.63	8.76	9.11	9.48	9.79	9.80
170	8.76	8.75	8.74	8.73	8.74	8.75	8.78	8.82	8.87	8.95	9.02	9.10	9.12	9.16	9.24	9.52	9.81	10.0	10.0
175	9.04	9.04	9.05	9.05	9.06	9.08	9.11	9.15	9.21	9.27	9.36	9.49	9.78	10.1	10.3	10.4	10.3	10.3	10.2
180	9.28	9.30	9.32	9.33	9.34	9.35	9.38	9.42	9.47	9.52	9.60	9.71	9.98	10.2	10.5	10.4	10.3	10.2	10.1

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	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	1062	1059	1058	1056	1055	1054	1053	1052	1051	1050	1050	1049	1048	1047	1046	1045	1045	1043	1042
5	1057	1052	1048	1045	1041	1037	1033	1030	1027	1025	1023	1020	1017	1015	1014	1013	1012	1010	1009
10	1054	1045	1038	1031	1023	1016	1009	1002	996	991	986	981	976	972	970	968	967	965	965
15	1052	1038	1026	1014	1002	990	978	967	957	948	940	933	926	920	916	914	913	911	910
20	1055	1037	1018	1000	981	962	945	929	915	902	891	881	872	864	859	856	854	852	852
25	1068	1043	1016	989	961	936	912	891	872	857	843	830	819	810	803	798	794	793	794
30	1095	1062	1024	985	947	913	883	856	834	816	800	783	768	755	744	736	730	730	733
35	1127	1088	1039	986	935	892	854	821	795	773	752	729	708	689	674	663	657	658	664
40	1140	1098	1045	989	931	879	831	787	749	716	685	656	630	609	593	583	578	579	586
45	1144	1090	1032	970	907	848	792	738	688	642	602	571	547	529	517	509	506	506	511
50	1188	1125	1045	957	868	792	722	658	602	554	515	490	473	463	454	449	447	446	449
55	1257	1208	1114	1001	879	766	662	571	510	467	438	423	417	415	409	404	401	402	406
60	1274	1264	1184	1073	938	781	628	494	428	390	372	358	353	353	350	348	348	350	352
65	1083	1101	1080	1027	939	773	595	432	363	325	309	294	287	285	283	282	282	283	284
70	730	747	781	798	780	652	501	357	298	264	246	223	206	193	183	178	176	180	187
75	470	500	505	495	467	399	322	248	209	181	160	138	119	105	97.4	94.2	94.4	95.0	99.0
80	337	386	336	263	185	149	124	108	97.2	90.7	86.0	76.6	67.7	60.3	57.6	56.8	57.4	56.6	57.4
85	133	159	132	92.6	51.8	37.1	29.5	27.1	26.6	27.9	29.7	29.0	27.9	26.7	26.0	25.6	25.7	26.3	27.4
90	4.70	4.83	4.82	4.75	4.62	4.45	4.24	4.00	3.78	3.53	3.24	2.80	2.36	1.97	1.75	1.66	1.68	1.93	2.25
95	5.56	5.40	5.18	4.92	4.62	4.35	4.06	3.74	3.35	2.96	2.60	2.33	2.11	1.95	1.86	1.82	1.81	1.81	1.84
100	6.70	6.47	6.18	5.83	5.45	5.14	4.83	4.51	4.12	3.73	3.35	3.04	2.78	2.57	2.45	2.39	2.37	2.38	2.43
105	7.71	7.44	7.07	6.65	6.22	5.89	5.59	5.28	4.92	4.55	4.20	3.87	3.58	3.34	3.19	3.10	3.07	3.09	3.16
110	8.49	8.21	7.83	7.38	6.92	6.60	6.30	6.01	5.70	5.38	5.06	4.74	4.44	4.18	4.03	3.93	3.89	3.91	3.98
115	9.07	8.85	8.52	8.12	7.69	7.37	7.06	6.76	6.47	6.17	5.89	5.58	5.30	5.06	4.91	4.82	4.78	4.80	4.87
120	9.44	9.29	9.03	8.70	8.33	8.01	7.70	7.41	7.13	6.86	6.61	6.35	6.12	5.92	5.79	5.72	5.69	5.71	5.77
125	9.58	9.49	9.27	8.98	8.65	8.38	8.11	7.86	7.61	7.38	7.17	6.99	6.85	6.73	6.63	6.57	6.54	6.56	6.62
130	9.53	9.49	9.33	9.08	8.80	8.53	8.27	8.03	7.85	7.72	7.61	7.53	7.47	7.42	7.36	7.31	7.28	7.31	7.36
135	9.30	9.28	9.19	9.04	8.85	8.62	8.39	8.18	8.08	8.02	7.99	7.98	7.97	7.97	7.94	7.91	7.90	7.92	7.97
140	9.05	8.99	8.97	8.93	8.85	8.72	8.58	8.44	8.38	8.34	8.33	8.33	8.34	8.35	8.35	8.35	8.36	8.38	8.42
145	8.97	8.86	8.85	8.85	8.84	8.79	8.73	8.68	8.65	8.62	8.61	8.59	8.58	8.58	8.59	8.61	8.65	8.68	8.71
150	9.10	8.97	8.95	8.94	8.93	8.91	8.90	8.88	8.85	8.82	8.80	8.77	8.75	8.75	8.76	8.78	8.81	8.84	8.88
155	9.31	9.18	9.15	9.13	9.12	9.10	9.08	9.05	9.03	9.01	8.99	8.98	8.97	8.97	8.98	9.00	9.02	9.05	9.08
160	9.51	9.39	9.35	9.32	9.29	9.25	9.22	9.18	9.17	9.16	9.15	9.16	9.17	9.19	9.20	9.22	9.24	9.26	9.29
165	9.71	9.59	9.54	9.50	9.46	9.41	9.37	9.34	9.33	9.32	9.32	9.33	9.33	9.35	9.37	9.39	9.41	9.43	9.45
170	9.92	9.80	9.74	9.69	9.64	9.59	9.55	9.51	9.49	9.48	9.47	9.46	9.45	9.44	9.46	9.49	9.51	9.53	9.54
175	10.1	9.98	9.91	9.85	9.79	9.72	9.66	9.60	9.56	9.54	9.51	9.48	9.45	9.43	9.45	9.47	9.49	9.50	9.51
180	10.0	9.96	9.90	9.84	9.78	9.70	9.62	9.54	9.50	9.46	9.42	9.36	9.32	9.28	9.27	9.28	9.29	9.29	9.30

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:124.05V I:1.9234A P:238.02W PF:0.9976 Freq:50.02Hz Lamp Flux:39419.5x1 lm		
NAME: ASD-LSB5B-PRO-240BR	TYPE:	WEIGHT:
SPEC.: 240W 5000K	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--4

UNIT: X10cd

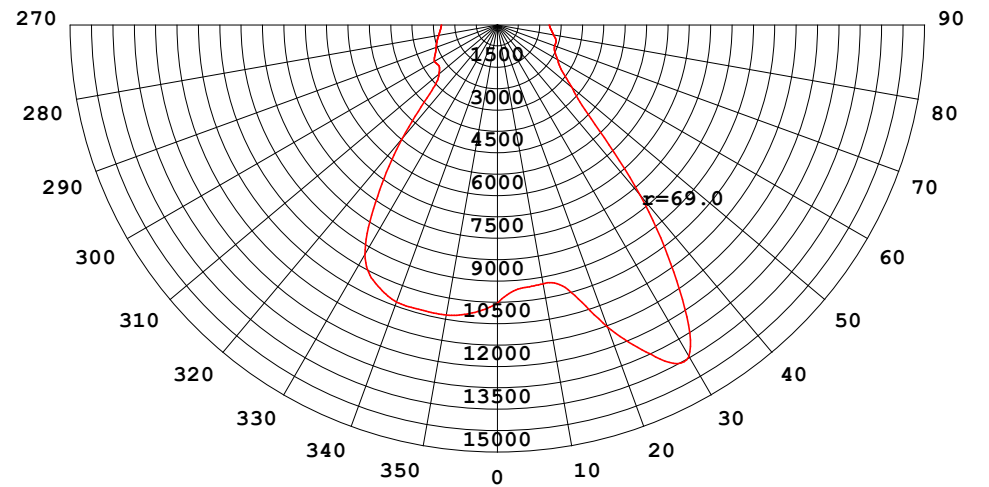
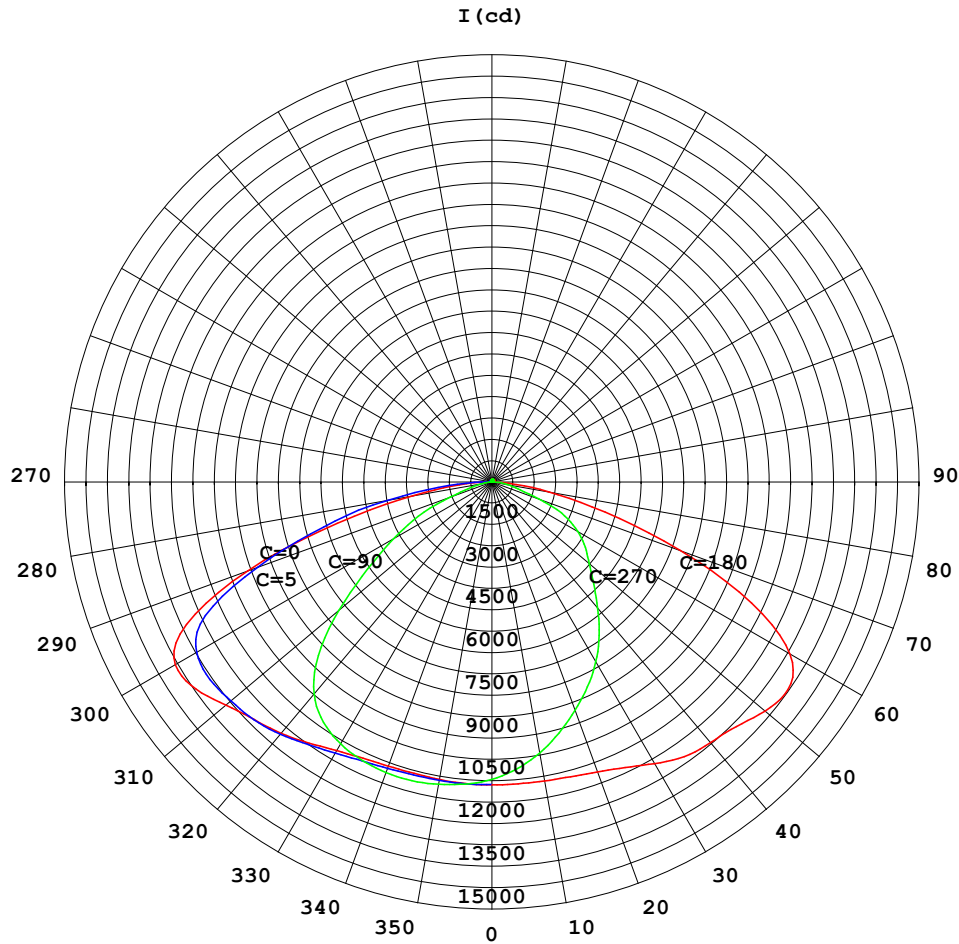
C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1041	1040	1040	1040	1039	1039	1038	1038	1038	1038	1037	1037	1038	1044	1052				
5	1009	1009	1010	1012	1013	1014	1016	1018	1021	1024	1025	1027	1031	1039	1049				
10	965	967	970	973	977	981	985	991	997	1003	1008	1013	1020	1031	1045				
15	911	915	920	926	932	939	947	957	968	978	987	996	1007	1022	1039				
20	854	859	866	875	884	895	907	921	936	951	965	980	997	1016	1038				
25	798	805	814	825	837	850	866	884	903	924	945	968	991	1016	1043				
30	740	751	765	780	794	810	827	849	874	901	930	962	994	1025	1057				
35	674	692	712	733	752	771	793	818	847	880	920	963	1006	1045	1083				
40	598	618	642	669	696	725	756	787	823	863	915	971	1025	1072	1114				
45	521	537	559	587	623	664	708	753	801	852	912	973	1033	1086	1135				
50	456	465	481	505	542	588	640	697	759	825	893	962	1031	1096	1159				
55	411	413	418	432	460	501	554	628	712	802	895	987	1075	1148	1213				
60	356	355	358	368	382	412	464	566	689	821	957	1083	1190	1251	1283				
65	287	289	295	305	304	324	380	539	724	908	1037	1137	1205	1233	1226				
70	198	210	225	243	239	257	314	509	723	916	970	980	963	957	941				
75	107	122	141	163	172	195	243	383	531	655	660	632	588	575	566				
80	60.5	68.5	79.0	91.5	100	114	135	181	232	281	315	339	350	343	320				
85	29.1	32.0	35.0	37.7	36.9	36.9	39.3	42.8	54.2	77.4	144	209	255	244	198				
90	2.57	2.68	2.78	2.93	3.11	3.49	4.20	4.71	6.23	9.34	18.7	27.7	33.9	31.6	24.0				
95	1.93	2.13	2.40	2.70	3.06	3.42	3.77	4.02	4.23	4.41	4.63	4.79	4.83	4.67	4.34				
100	2.52	2.69	2.91	3.17	3.48	3.82	4.15	4.44	4.72	4.99	5.36	5.66	5.84	5.74	5.44				
105	3.28	3.46	3.69	3.97	4.30	4.64	4.98	5.25	5.51	5.79	6.23	6.62	6.88	6.82	6.54				
110	4.11	4.32	4.57	4.84	5.13	5.42	5.71	5.96	6.23	6.52	7.02	7.47	7.79	7.76	7.50				
115	5.00	5.20	5.43	5.69	5.94	6.20	6.46	6.71	6.98	7.29	7.78	8.24	8.55	8.52	8.25				
120	5.88	6.04	6.24	6.47	6.71	6.95	7.22	7.48	7.76	8.07	8.51	8.90	9.15	9.07	8.76				
125	6.72	6.83	6.98	7.17	7.39	7.65	7.91	8.16	8.41	8.66	9.03	9.33	9.50	9.37	9.03				
130	7.44	7.52	7.62	7.76	7.99	8.23	8.48	8.67	8.85	9.01	9.26	9.45	9.53	9.36	9.01				
135	8.03	8.09	8.17	8.28	8.46	8.65	8.85	8.98	9.10	9.22	9.43	9.58	9.61	9.38	8.97				
140	8.47	8.54	8.62	8.71	8.83	8.96	9.08	9.17	9.26	9.35	9.56	9.71	9.72	9.44	8.95				
145	8.76	8.84	8.92	9.01	9.09	9.16	9.24	9.31	9.38	9.47	9.67	9.81	9.82	9.51	8.99				
150	8.93	9.00	9.07	9.14	9.21	9.28	9.36	9.42	9.50	9.58	9.78	9.92	9.93	9.64	9.15				
155	9.11	9.15	9.20	9.26	9.33	9.41	9.50	9.58	9.67	9.76	9.95	10.1	10.1	9.81	9.34				
160	9.31	9.34	9.37	9.42	9.47	9.53	9.60	9.69	9.78	9.89	10.1	10.3	10.3	10.1	9.68				
165	9.46	9.48	9.51	9.54	9.58	9.62	9.69	9.75	9.84	9.96	10.2	10.4	10.6	10.4	10.0				
170	9.55	9.57	9.59	9.61	9.63	9.67	9.72	9.78	9.88	10.0	10.3	10.5	10.7	10.6	10.3				
175	9.53	9.54	9.56	9.58	9.59	9.61	9.65	9.71	9.80	9.94	10.2	10.5	10.7	10.7	10.5				
180	9.31	9.32	9.34	9.36	9.38	9.41	9.46	9.51	9.60	9.72	9.98	10.2	10.4	10.5	10.4				

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

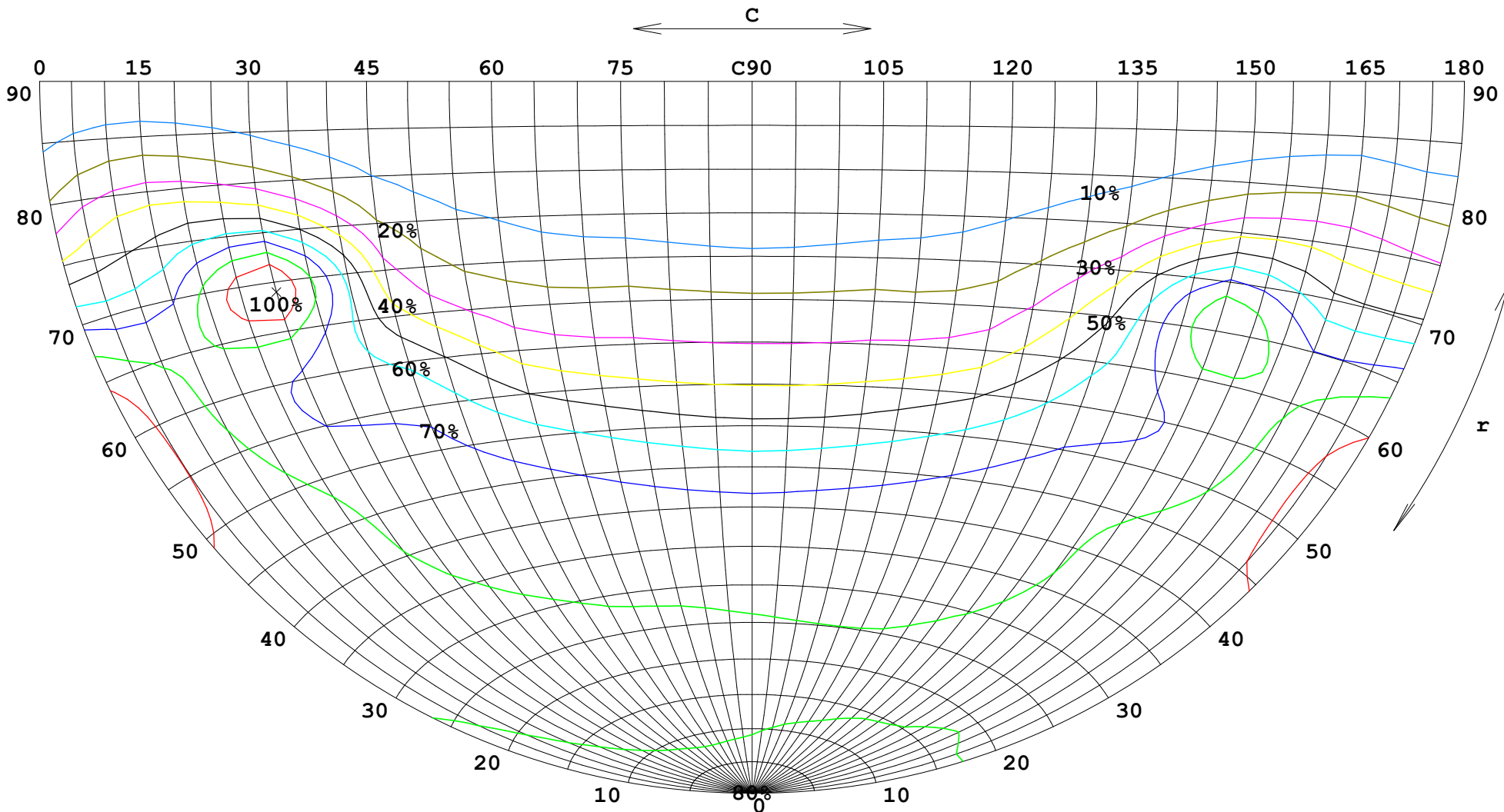
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

FLUX DATA:

LOR: 100.0 %
 STREET DOWN: 21144 lm
 STREET UP: 170.3 lm
 HOUSE DOWN: 17886 lm
 HOUSE UP: 218.9 lm



$I_{max}(100\%) = 13448 \text{ cd}$



$E_{\max}(100\%) = 106.4 \text{ lx}$ $H = 10\text{m}$

