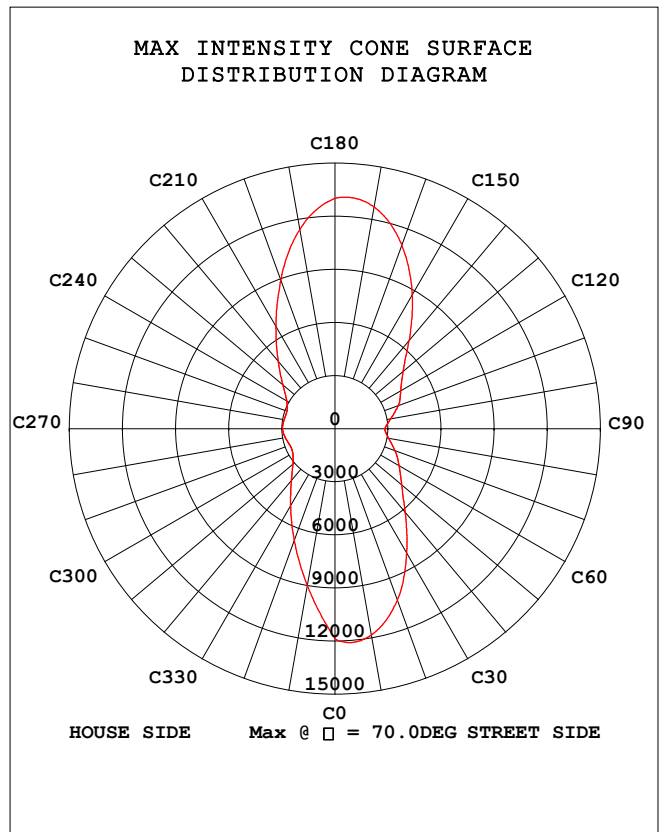
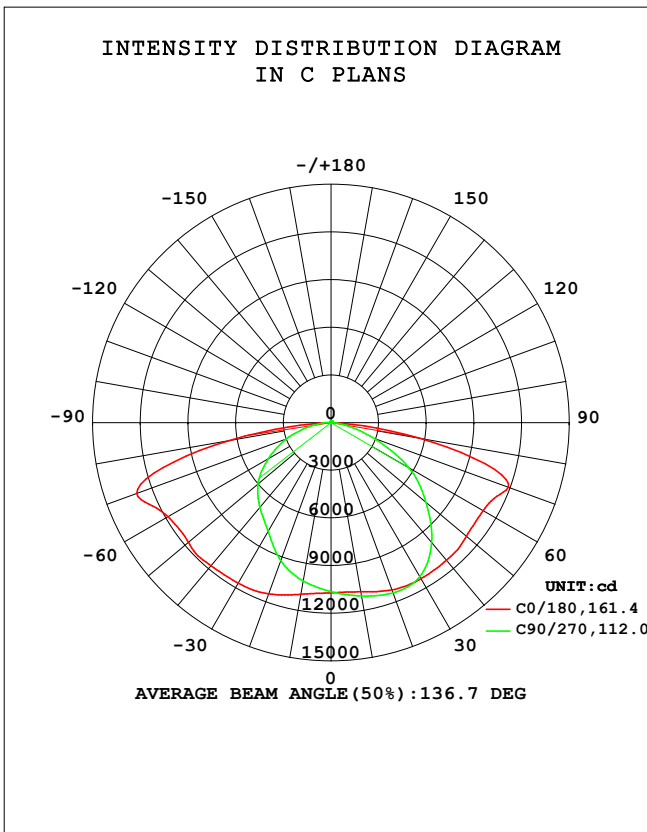


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.09 lm/W			
MODEL	ASD-LSB5-300D50BR	I _{max} (cd)	13014	<input type="checkbox"/> street_up (%)	0.4
NOMINAL POWER (W)	300	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	54.7
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	44069	<input type="checkbox"/> house_up (%)	0.5
NOMINAL FLUX (lm)	44068.9	MAXIMUM @ (C, <input type="checkbox"/>)	180,70.0	<input type="checkbox"/> house_down (%)	44.4
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	0.9	76 FLASHAREA (m ²)	0.05000
TEST VOLTAGE (V)	120	<input type="checkbox"/> down (%)	99.1	SLI	26.044

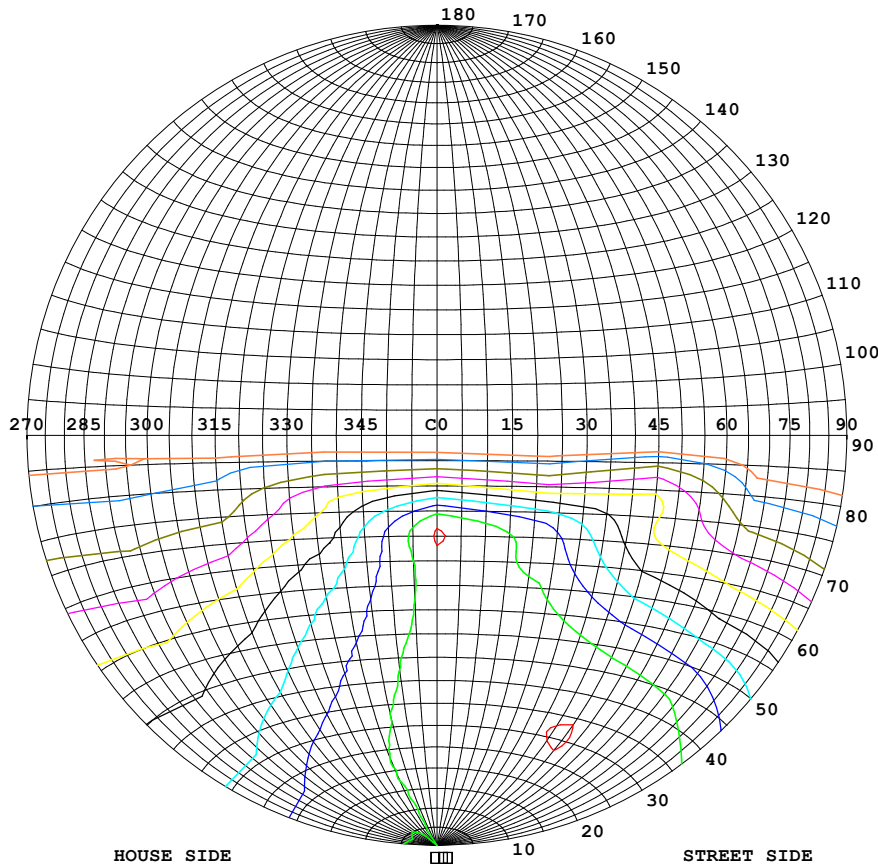


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu
Test Date: 2023-10-27

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 56%
Test Distance: 6.500m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:



Classification:

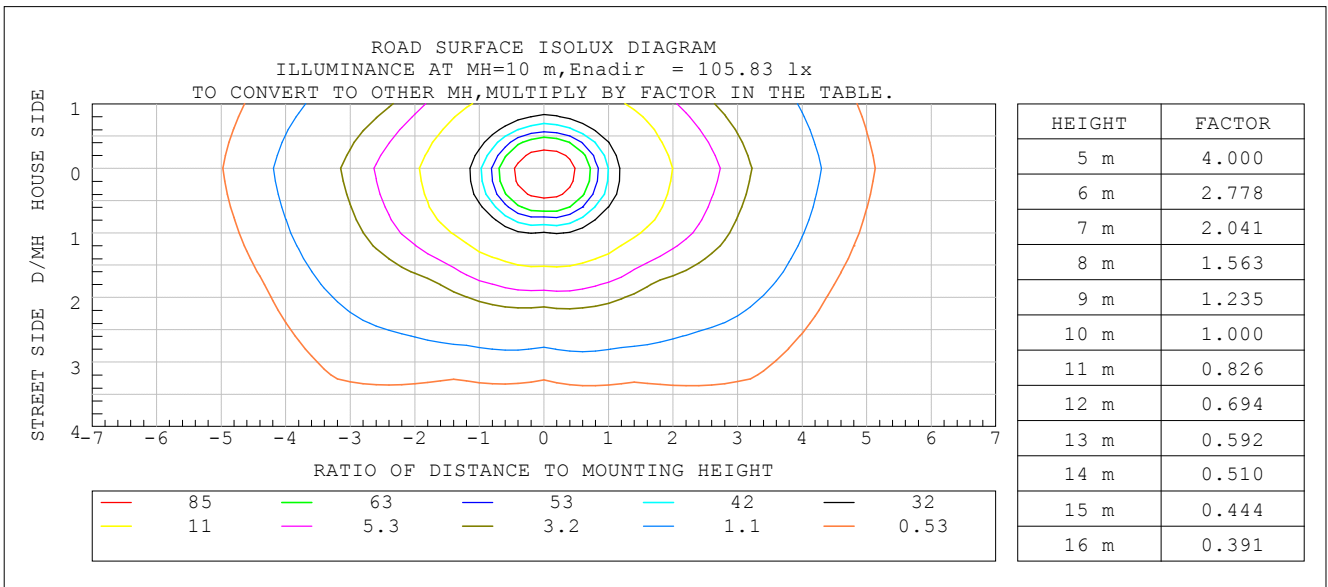
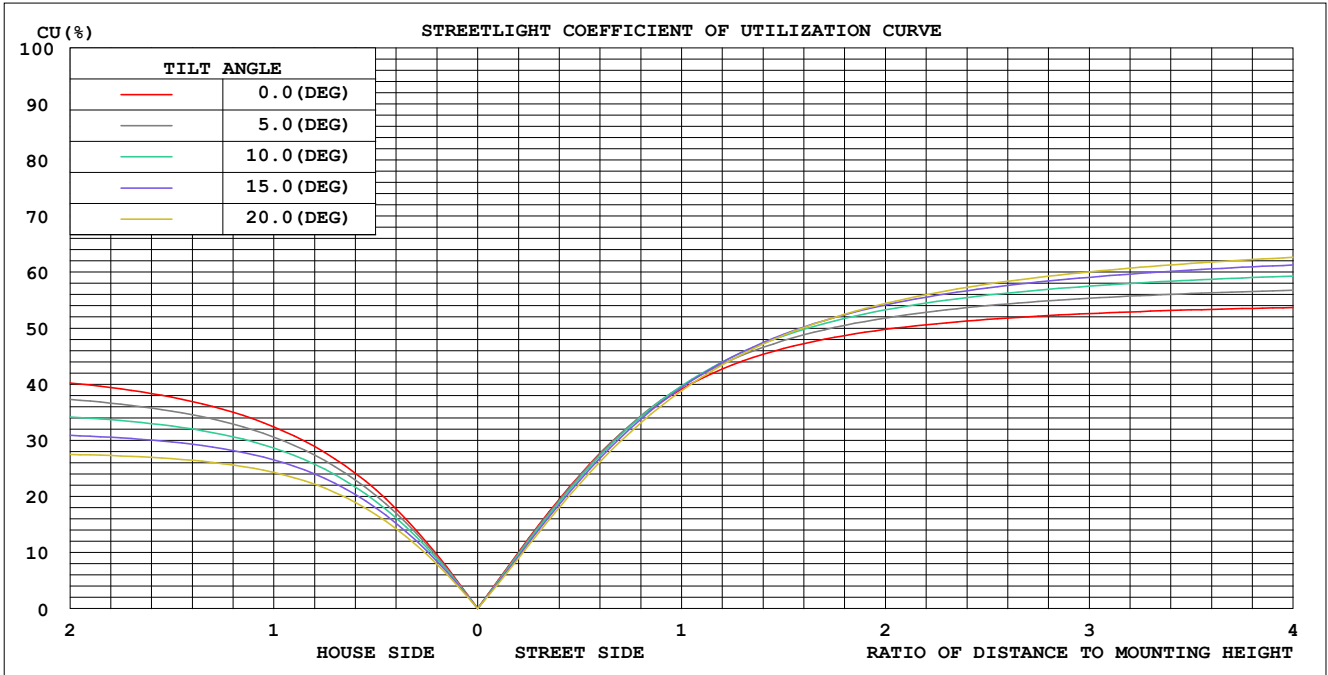
IES:Type VS - Medium
 CIE:Narrow - Long
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:148.0cd/klm
 Max.At90:2.383cd/klm
 Max.80-90:148.0cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	13014
90%	11712
80%	10411
70%	9110
60%	7808
50%	6507
40%	5205
30%	3904
20%	2603
10%	1301
5%	651

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-27

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu
Test Date: 2023-10-27

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 56%
Test Distance: 6.500m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

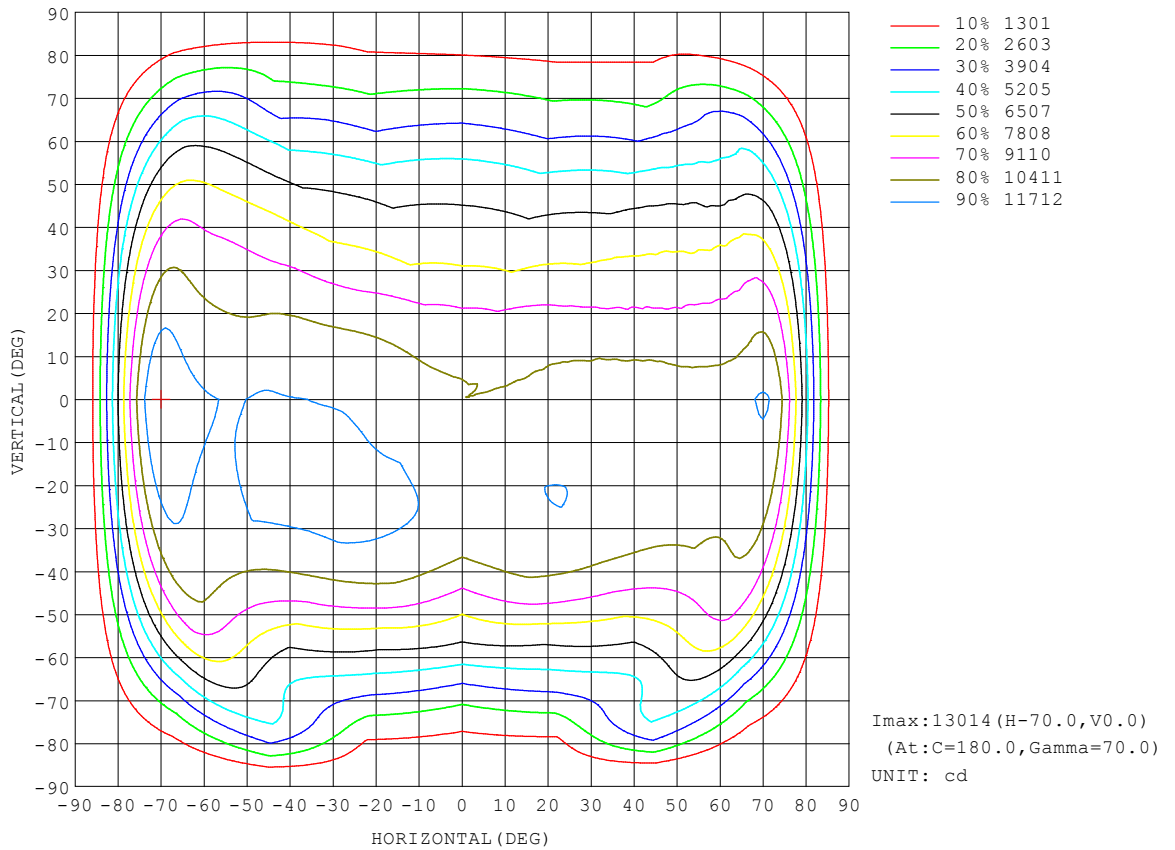
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	1081	1100	1108	1105	1097	1042	1011	1027	0- 10	1017	1017	2.31,2.31
20	1121	1146	1140	1168	1148	1017	924.7	993.1	10- 20	3047	4063	9.22,9.22
30	1134	1174	1118	1214	1168	948.0	792.2	907.3	20- 30	4944	9008	20.4,20.4
40	1131	1141	985.2	1195	1175	841.0	696.7	789.0	30- 40	6436	15444	35,35
50	1112	1006	780.5	1064	1172	750.4	600.5	684.0	40- 50	7374	22818	51.8,51.8
60	1107	772.8	564.5	815.5	1185	628.6	455.8	548.2	50- 60	7454	30272	68.7,68.7
70	1187	545.1	282.5	563.5	1301	437.3	297.7	342.7	60- 70	6797	37069	84.1,84.1
80	562.9	498.6	86.07	511.6	652.1	234.8	130.6	155.4	70- 80	5146	42215	95.8,95.8
90	4.374	2.793	1.838	2.960	4.215	4.655	3.318	3.630	80- 90	1453	43669	99.1,99.1
100	5.299	3.663	2.529	3.119	5.240	4.246	3.344	4.876	90-100	42.92	43711	99.2,99.2
110	6.292	4.673	3.387	4.046	6.177	5.275	4.591	6.127	100-110	49.37	43761	99.3,99.3
120	7.130	5.726	4.338	4.879	7.015	6.263	5.806	7.278	110-120	55.74	43817	99.4,99.4
130	8.230	6.783	5.339	5.984	8.117	7.381	6.954	8.356	120-130	59.42	43876	99.6,99.6
140	9.322	7.725	6.484	6.959	9.100	8.362	8.032	9.142	130-140	59.22	43935	99.7,99.7
150	9.885	8.509	7.571	7.894	9.627	9.136	9.005	9.741	140-150	53.47	43989	99.8,99.8
160	10.19	9.224	8.636	8.761	10.10	9.820	9.861	10.28	150-160	42.66	44031	99.9,99.9
170	10.47	9.826	9.552	9.828	10.45	10.21	10.34	10.57	160-170	27.84	44059	100,100
180	10.55	10.19	10.19	10.44	10.57	10.20	10.19	10.41	170-180	9.712	44069	100,100
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2023-10-27

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:6.500m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

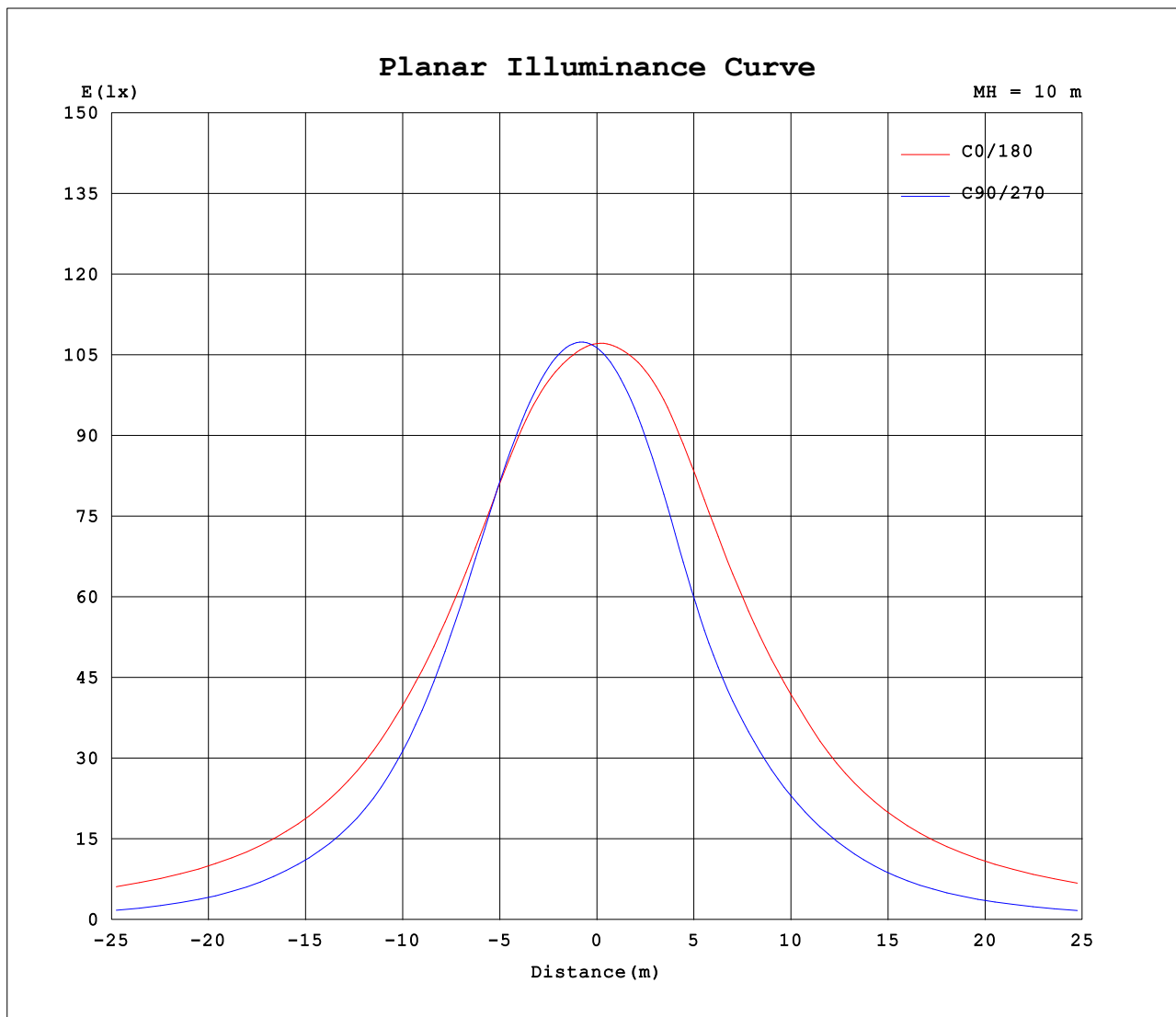
Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-27

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



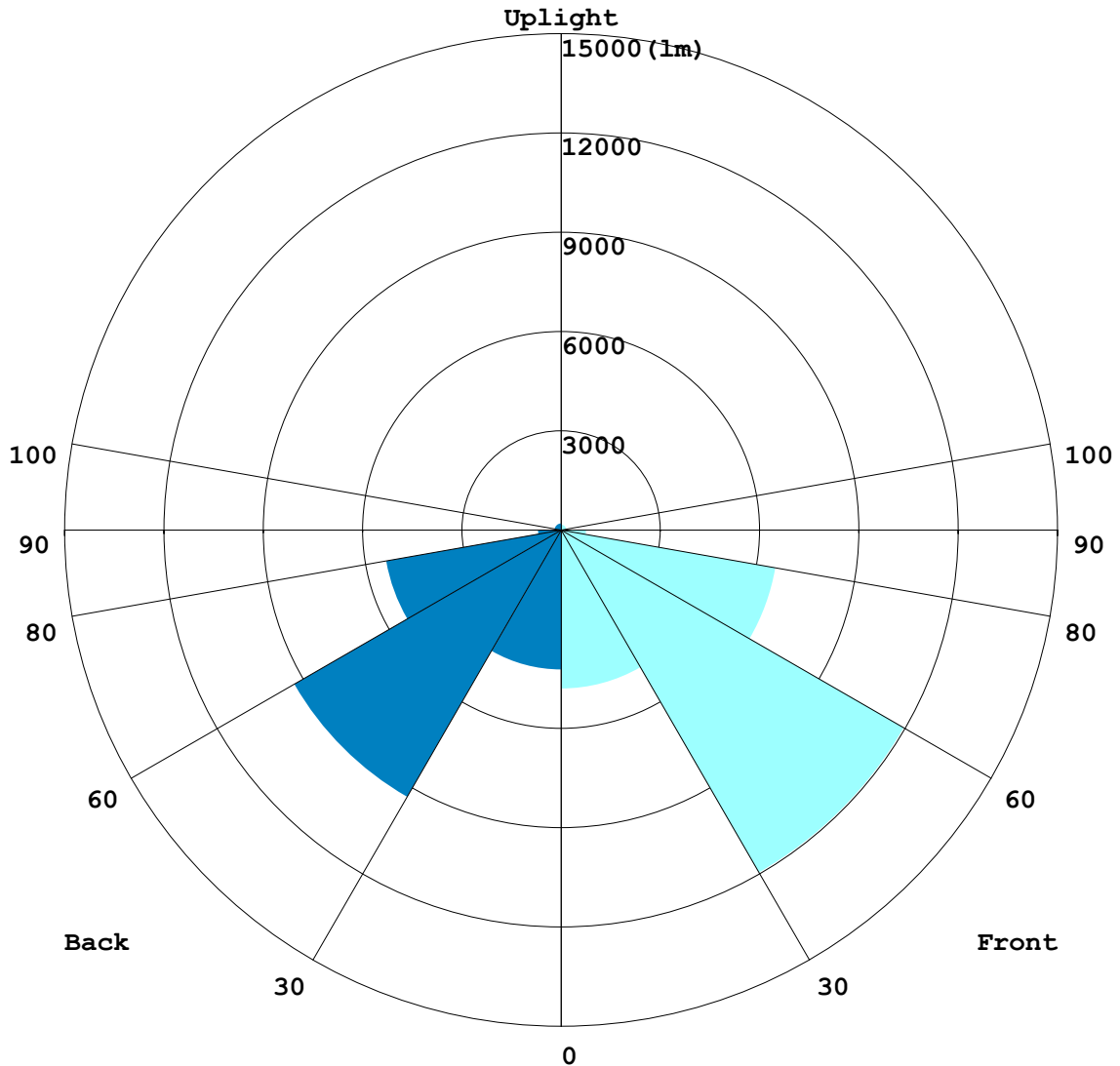
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27DEG
Operators: lianghaizhu
Test Date: 2023-10-27

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 56%
Test Distance: 6.500m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-27

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4793.3	10.9
FM - Front-Medium(30-60)	11953	27.1
FH - Front-High(60-80)	6578.4	14.9
FVH - Front-Very High(80-90)	759.26	1.7
Total Forward Light	24266	55.1

BL - Back-Low(0-30)	4214.2	9.6
BM - Back-Medium(30-60)	9311.5	21.1
BH - Back-High(60-80)	5364.9	12.2
BVH - Back-Very High(80-90)	694.23	1.6
Total Back Light	19803	44.9

UL - Uplight-Low(90-100)	42.922	0.1
UH - Uplight-High(100-180)	357.45	0.8
Total Up Light	400.37	0.9

BUG(Back,Up,Glare) Rating	B5-U3-G?
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19585	217.67	19803
Street Side	24084	182.7	24266

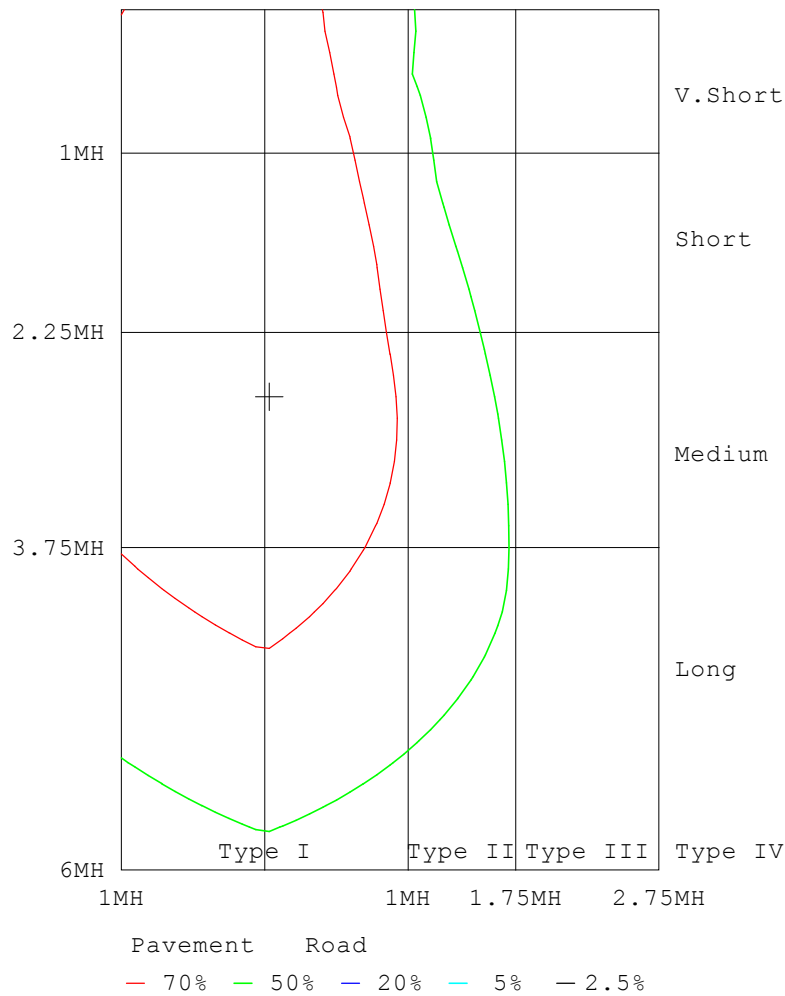
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2023-10-27

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:6.500m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-27

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:2.161A P:295.6W PF:0.9946 Freq:59.99Hz Lamp Flux:44068.9x1 lm		
NAME: ASD-LSB5-300D50BR	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.3*0.3	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) □ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1071	1068	1066	1065	1063	1058	1059	1037	1071	1068	1066	1065	1063	1058	1059	1037			
5	1071	1077	1082	1085	1086	1082	1080	1058	1079	1066	1053	1044	1039	1035	1041	1033			
10	1081	1093	1100	1105	1108	1106	1105	1090	1097	1070	1042	1021	1011	1010	1027	1028			
15	1101	1117	1123	1124	1127	1130	1136	1115	1123	1081	1032	992	975	979	1013	1026			
20	1121	1141	1146	1140	1140	1152	1168	1150	1148	1092	1017	951	925	934	993	1029			
25	1132	1158	1165	1150	1142	1168	1196	1176	1162	1094	990	892	859	870	958	1026			
30	1134	1164	1174	1145	1118	1168	1214	1191	1168	1085	948	822	792	800	907	1002			
35	1133	1166	1168	1124	1065	1149	1216	1201	1170	1068	895	761	741	741	847	978			
40	1131	1163	1141	1087	985	1110	1195	1214	1175	1051	841	713	697	692	789	946			
45	1128	1153	1087	1019	888	1040	1146	1218	1185	1031	794	667	652	643	737	915			
50	1112	1128	1006	908	780	930	1064	1204	1172	1001	750	614	600	586	684	874			
55	1105	1090	899	760	680	789	955	1168	1168	969	697	546	533	515	625	836			
60	1107	1050	773	627	565	655	816	1128	1185	940	629	463	456	432	548	785			
65	1132	1012	647	510	421	533	674	1090	1240	896	540	374	378	347	449	723			
70	1187	981	545	377	283	396	564	1049	1301	831	437	293	298	271	343	626			
75	1003	799	541	236	170	252	542	872	1094	717	324	220	210	201	238	537			
80	563	419	499	115	86.1	128	512	505	652	504	235	147	131	114	155	399			
85	144	99.1	213	36.9	23.4	47.4	257	160	198	200	131	86.7	58.0	60.5	89.5	128			
90	4.37	3.77	2.79	2.05	1.84	1.94	2.96	6.72	4.21	10.5	4.66	8.51	3.32	5.66	3.63	5.99			
95	4.77	4.19	3.23	2.40	2.15	2.18	3.04	7.12	4.70	4.53	3.74	3.02	2.78	3.29	4.26	6.55			
100	5.30	4.68	3.66	2.82	2.53	2.55	3.12	5.52	5.24	5.08	4.25	3.57	3.34	3.91	4.88	7.25			
105	5.84	5.20	4.15	3.29	2.95	2.95	3.50	4.74	5.76	5.57	4.76	4.13	3.96	4.55	5.50	7.83			
110	6.29	5.68	4.67	3.77	3.39	3.40	4.05	4.64	6.18	6.01	5.27	4.68	4.59	5.19	6.13	8.32			
115	6.69	6.15	5.19	4.28	3.87	3.85	4.42	5.02	6.58	6.41	5.75	5.23	5.21	5.81	6.71	8.72			
120	7.13	6.65	5.73	4.80	4.34	4.33	4.88	5.44	7.01	6.82	6.26	5.80	5.81	6.40	7.28	9.15			
125	7.65	7.20	6.26	5.33	4.84	4.83	5.47	5.94	7.53	7.35	6.81	6.37	6.38	6.95	7.83	9.35			
130	8.23	7.75	6.78	5.86	5.34	5.36	5.98	6.47	8.12	7.96	7.38	6.95	6.95	7.48	8.36	9.63			
135	8.82	8.29	7.29	6.41	5.89	5.91	6.52	7.01	8.67	8.49	7.91	7.48	7.50	7.97	8.79	9.73			
140	9.32	8.74	7.72	6.94	6.48	6.47	6.96	7.51	9.10	8.90	8.36	7.99	8.03	8.43	9.14	9.94			
145	9.67	9.07	8.12	7.45	7.03	7.01	7.44	7.91	9.40	9.20	8.76	8.48	8.53	8.86	9.46	10.2			
150	9.89	9.31	8.51	7.92	7.57	7.52	7.89	8.27	9.63	9.44	9.14	8.95	9.00	9.25	9.74	10.4			
155	10.0	9.54	8.87	8.37	8.09	8.03	8.32	8.60	9.85	9.69	9.49	9.39	9.44	9.60	10.0	10.4			
160	10.2	9.78	9.22	8.82	8.64	8.57	8.76	8.94	10.1	9.95	9.82	9.81	9.86	9.95	10.3	10.5			
165	10.3	10.00	9.55	9.23	9.12	9.05	9.22	9.28	10.3	10.2	10.1	10.1	10.2	10.2	10.5	10.4			
170	10.5	10.2	9.83	9.58	9.55	9.49	9.83	9.59	10.5	10.3	10.2	10.2	10.3	10.3	10.6	10.4			
175	10.5	10.3	10.0	9.90	9.93	9.85	10.2	9.90	10.5	10.4	10.2	10.2	10.3	10.3	10.5	10.3			
180	10.6	10.4	10.2	10.1	10.2	10.1	10.4	10.3	10.6	10.4	10.2	10.1	10.2	10.1	10.4	10.1			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-27

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks: