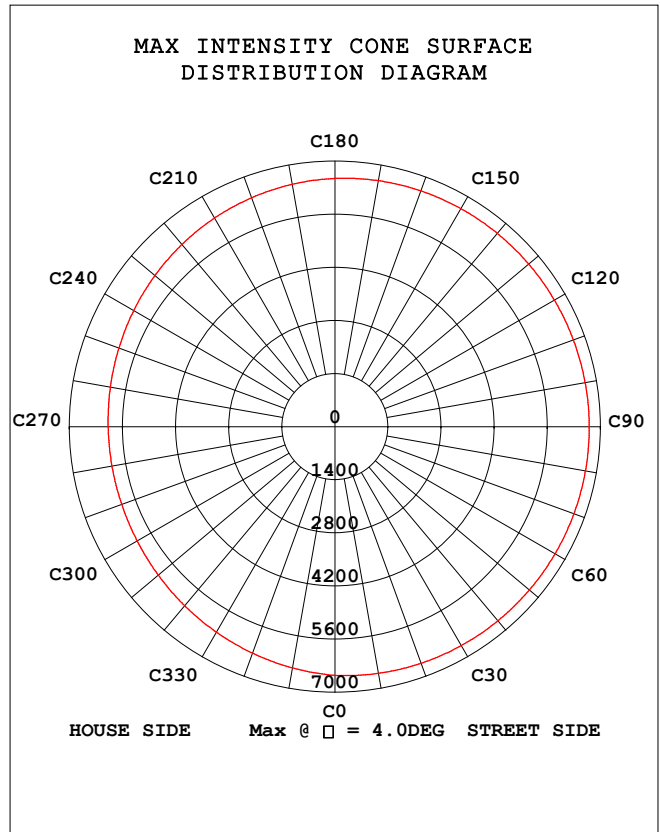
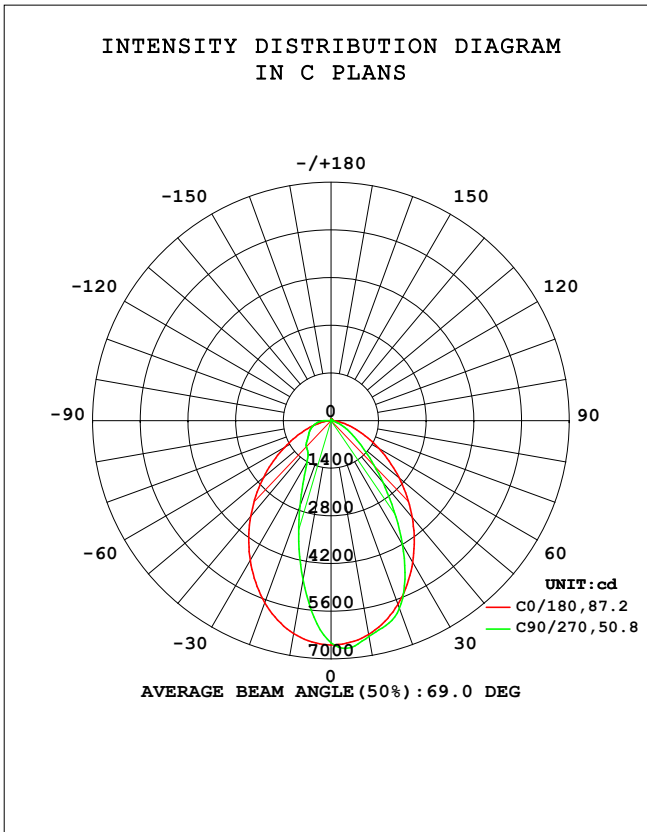


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.73 lm/W			
MODEL		I <sub>max</sub> (cd)	6703	□ street_up (%)	0.4
NOMINAL POWER (W)	80	LOR (%)	100.0	□ street_down (%)	57.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	10209	□ house_up (%)	0.6
NOMINAL FLUX (lm)	10208.7	MAXIMUM @ (C, □ )	90,4.0	□ house_down (%)	41.2
LAMPS INSIDE	1	□ up (%)	1.1	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	□ down (%)	98.9	SLI	21.535

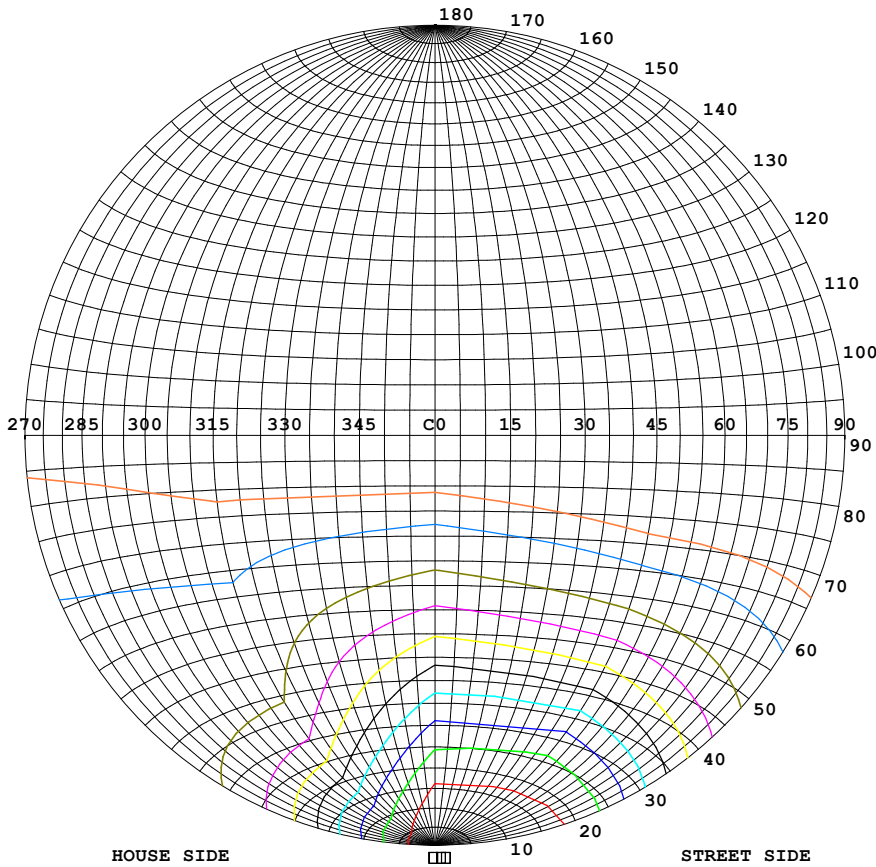


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature: 27DEG  
Operators: lianghaizhu  
Test Date: 2023-05-25

□ 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:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:



**Classification:**

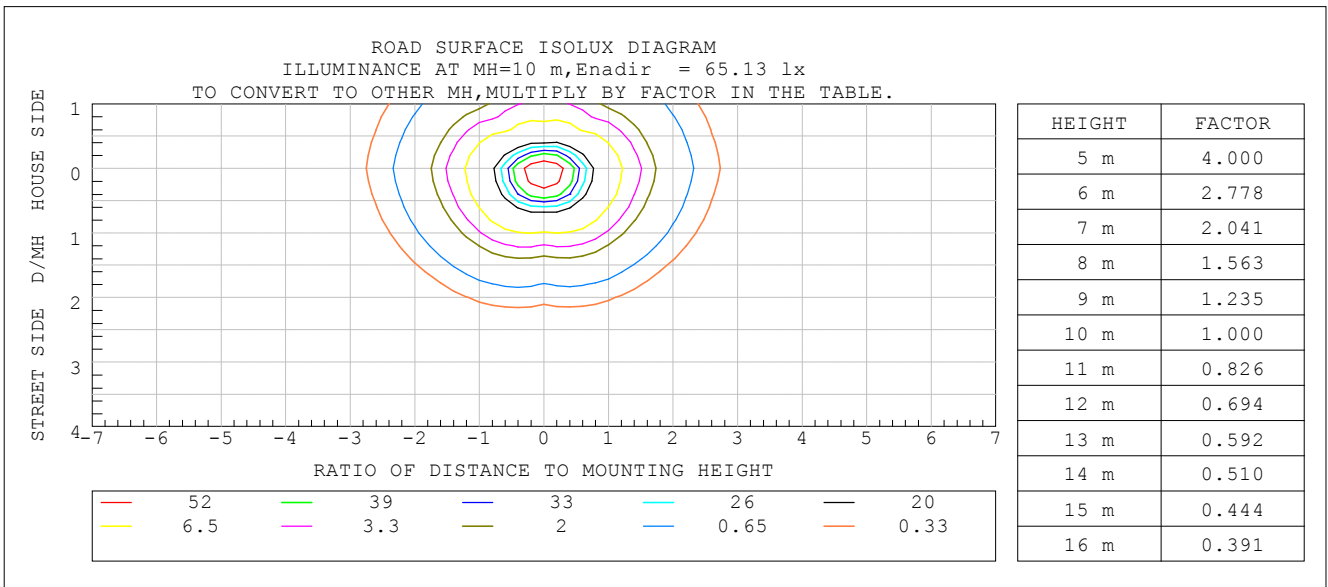
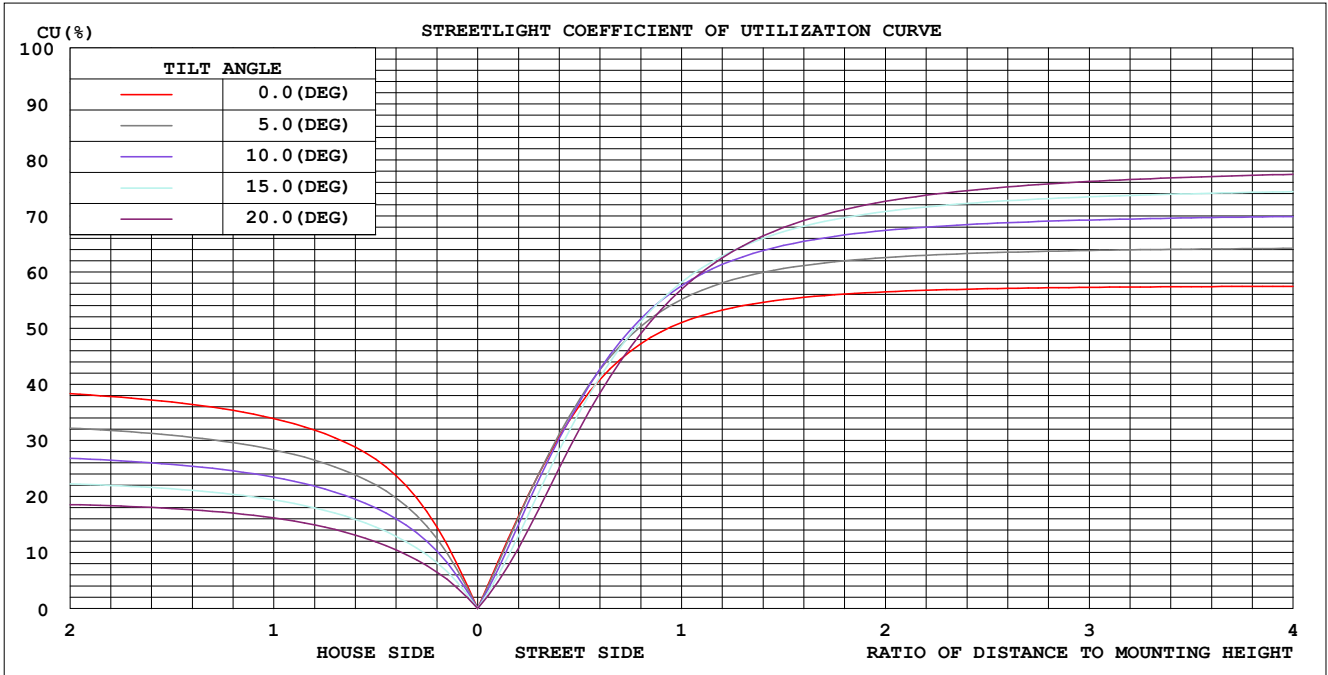
IES:Type VS - Very Short  
 CIE:Narrow - Short  
 IES:Cut-off  
 CIE:Semi-cut-off  
 Max.At80:42.65cd/klm  
 Max.At90:17.78cd/klm  
 Max.80-90:42.65cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6703
90%	6033
80%	5362
70%	4692
60%	4022
50%	3351
40%	2681
30%	2011
20%	1341
10%	670
5%	335

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

□ 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: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu  
 Test Date: 2023-05-25

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:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

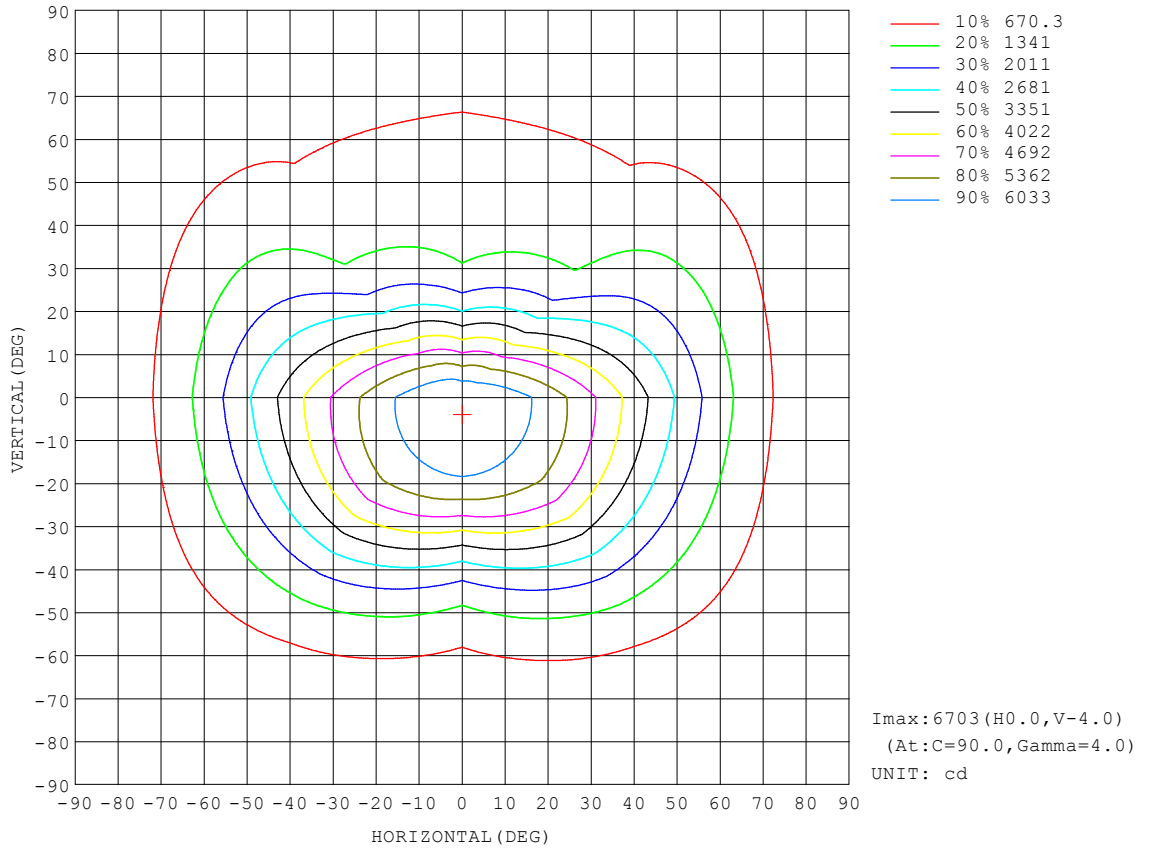
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	6378	6485	6437	6480	6348	5411	4753	5230	0- 10	594.4	594.4	5.82,5.82
20	5743	5868	5878	5863	5691	3717	2682	3495	10- 20	1518	2113	20.7,20.7
30	4802	4953	4196	4944	4748	2238	1410	2055	20- 30	1960	4073	39.9,39.9
40	3717	3545	2383	3496	3674	1354	1096	1272	30- 40	1932	6005	58.8,58.8
50	2616	2191	1193	2113	2587	986.4	929.7	957.1	40- 50	1629	7634	74.8,74.8
60	1612	1125	582.5	1067	1579	738.7	754.4	727.9	50- 60	1198	8832	86.5,86.5
70	824.3	438.2	230.1	410.7	792.8	515.1	615.6	504.7	60- 70	760.9	9593	94,94
80	276.8	72.30	34.86	69.90	242.1	293.1	435.4	289.8	70- 80	383.5	9976	97.7,97.7
90	6.615	3.001	3.160	3.040	5.398	79.17	181.5	80.61	80- 90	124.2	10101	98.9,98.9
100	6.911	4.529	4.299	4.467	6.830	5.937	4.150	5.888	90-100	18.24	10119	99.1,99.1
110	10.61	6.907	5.781	6.579	10.48	9.783	7.445	9.785	100-110	7.198	10126	99.2,99.2
120	15.02	10.45	8.051	9.734	14.86	14.59	12.54	14.80	110-120	10.27	10136	99.3,99.3
130	19.93	15.17	11.78	14.08	19.80	19.96	18.95	20.47	120-130	13.36	10150	99.4,99.4
140	24.93	20.73	17.11	19.29	24.95	25.46	25.56	26.19	130-140	15.62	10165	99.6,99.6
150	29.59	26.41	23.49	24.59	29.82	30.34	31.08	31.01	140-150	16.09	10181	99.7,99.7
160	33.66	31.44	29.33	29.41	34.09	34.33	34.80	34.46	150-160	14.09	10195	99.9,99.9
170	36.71	35.19	33.89	33.66	37.06	36.90	37.07	36.47	160-170	9.706	10205	100,100
180	38.33	37.50	36.94	36.71	38.37	37.48	36.98	36.71	170-180	3.488	10209	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

□ 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

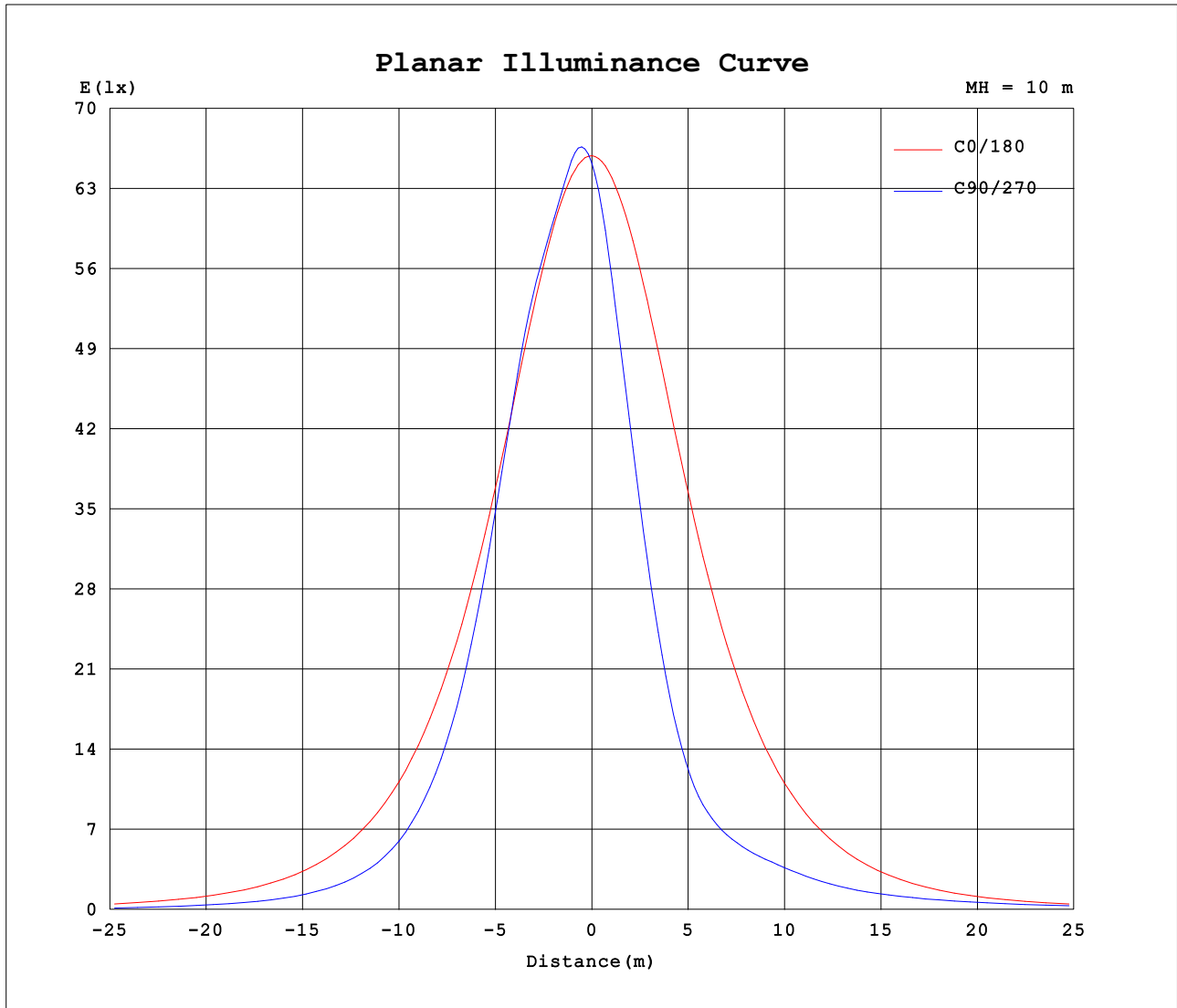
Test:U:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

□ 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



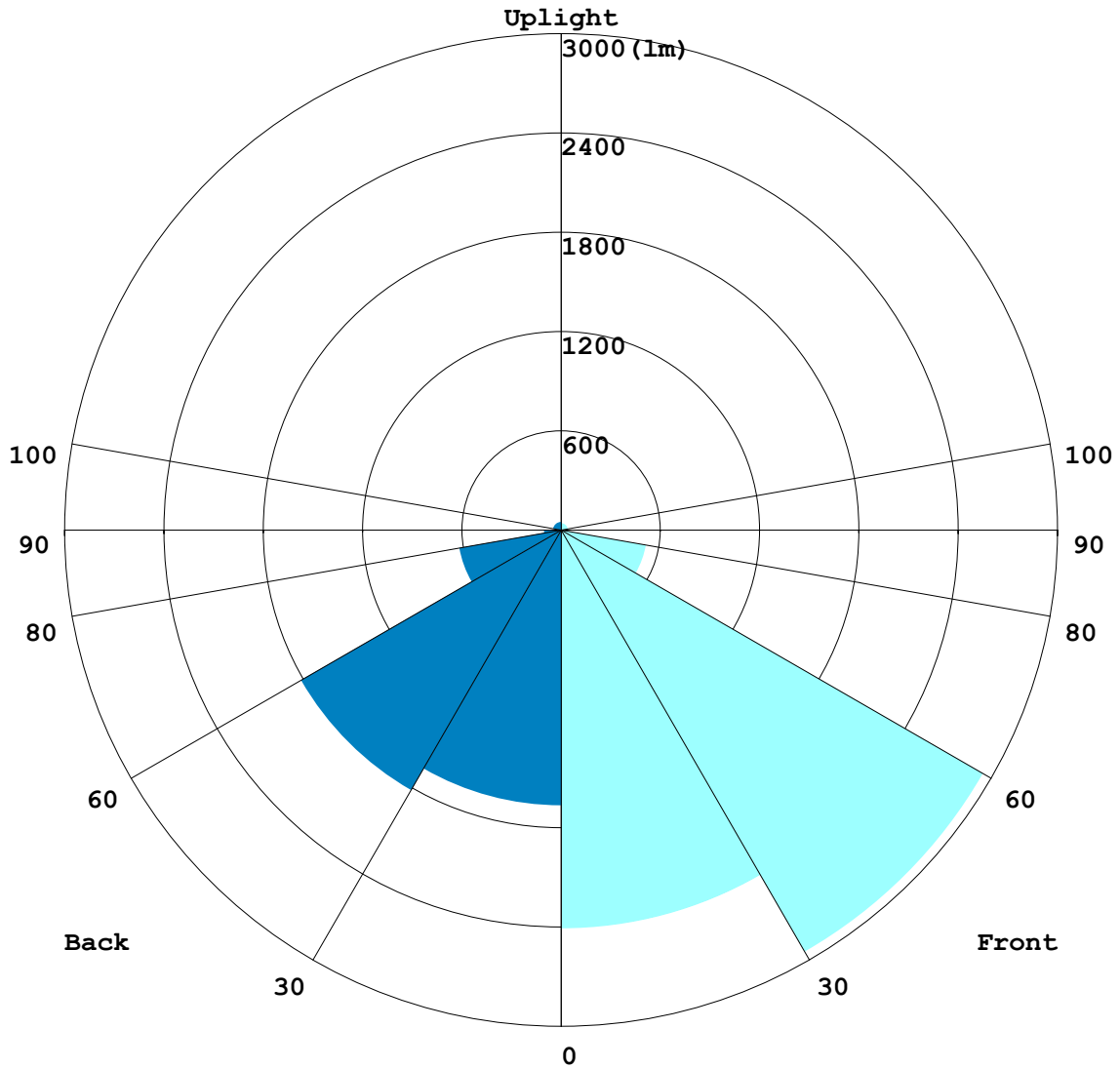
C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature: 27DEG  
 Operators: lianghaizhu  
 Test Date: 2023-05-25

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:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

□ 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:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

## IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2408.1	23.6
FM - Front-Medium(30-60)	2943.2	28.8
FH - Front-High(60-80)	520.75	5.1
FVH - Front-Very High(80-90)	20.76	0.2
Total Forward Light	5935.7	58.1

BL - Back-Low(0-30)	1664.7	16.3
BM - Back-Medium(30-60)	1816	17.8
BH - Back-High(60-80)	623.63	6.1
BVH - Back-Very High(80-90)	103.43	1.0
Total Back Light	4272.9	41.9

UL - Uplight-Low(90-100)	18.24	0.2
UH - Uplight-High(100-180)	89.831	0.9
Total Up Light	108.07	1.1

BUG(Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4207.8	65.141	4272.9
Street Side	5892.8	42.93	5935.7

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

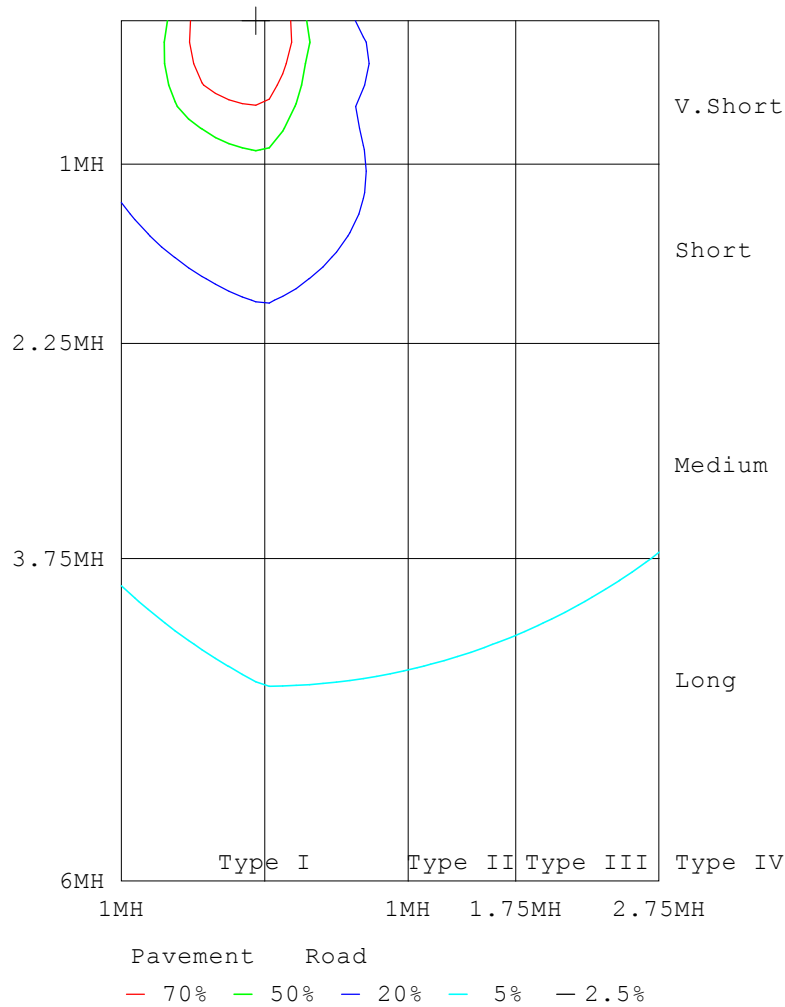
Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.364  
 Humidity:56%  
 Test Distance:6.500m [K=1.0000]  
 Remarks:



ROAD ISOCANDELA REPORT

Test:U:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

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:121.4V I:0.6221A P:75.21W PF:0.9963 Freq:59.98Hz Lamp Flux:10208.7x1 lm		
NAME: ASD-WLP03-A80DAC-BR-80W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	45	90	135	180	225	270	315											
0	6587	6569	6522	6505	6587	6569	6522	6505											
5	6535	6685	6690	6666	6523	6124	5794	5996											
10	6378	6485	6437	6480	6348	5411	4753	5230											
15	6109	6176	6228	6165	6066	4571	3671	4362											
20	5743	5868	5878	5863	5691	3717	2682	3495											
25	5300	5498	5139	5498	5242	2916	1907	2701											
30	4802	4953	4196	4944	4748	2238	1410	2055											
35	4268	4273	3224	4244	4219	1714	1192	1575											
40	3717	3545	2383	3496	3674	1354	1096	1272											
45	3161	2842	1697	2777	3127	1136	1039	1089											
50	2616	2191	1193	2113	2587	986	930	957											
55	2091	1602	840	1529	2070	862	824	843											
60	1612	1125	582	1067	1579	739	754	728											
65	1188	737	401	696	1157	627	688	619											
70	824	438	230	411	793	515	616	505											
75	519	205	124	193	487	400	528	394											
80	277	72.3	34.9	69.9	242	293	435	290											
85	95.0	5.64	2.72	5.27	61.0	180	310	179											
90	6.62	3.00	3.16	3.04	5.40	79.2	181	80.6											
95	5.44	3.68	3.69	3.67	5.36	6.32	57.8	6.03											
100	6.91	4.53	4.30	4.47	6.83	5.94	4.15	5.89											
105	8.66	5.60	4.99	5.43	8.55	7.71	5.58	7.68											
110	10.6	6.91	5.78	6.58	10.5	9.78	7.44	9.79											
115	12.7	8.53	6.77	8.01	12.6	12.1	9.77	12.2											
120	15.0	10.5	8.05	9.73	14.9	14.6	12.5	14.8											
125	17.4	12.7	9.70	11.8	17.3	17.2	15.7	17.6											
130	19.9	15.2	11.8	14.1	19.8	20.0	18.9	20.5											
135	22.5	17.9	14.3	16.6	22.4	22.7	22.3	23.4											
140	24.9	20.7	17.1	19.3	24.9	25.5	25.6	26.2											
145	27.3	23.6	20.3	22.0	27.4	28.0	28.6	28.8											
150	29.6	26.4	23.5	24.6	29.8	30.3	31.1	31.0											
155	31.7	29.0	26.5	27.1	32.0	32.5	33.1	32.9											
160	33.7	31.4	29.3	29.4	34.1	34.3	34.8	34.5											
165	35.4	33.5	31.8	31.6	35.8	35.9	36.2	35.7											
170	36.7	35.2	33.9	33.7	37.1	36.9	37.1	36.5											
175	37.8	36.6	35.6	35.4	38.0	37.5	37.3	36.9											
180	38.3	37.5	36.9	36.7	38.4	37.5	37.0	36.7											

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2023-05-25

□ 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: