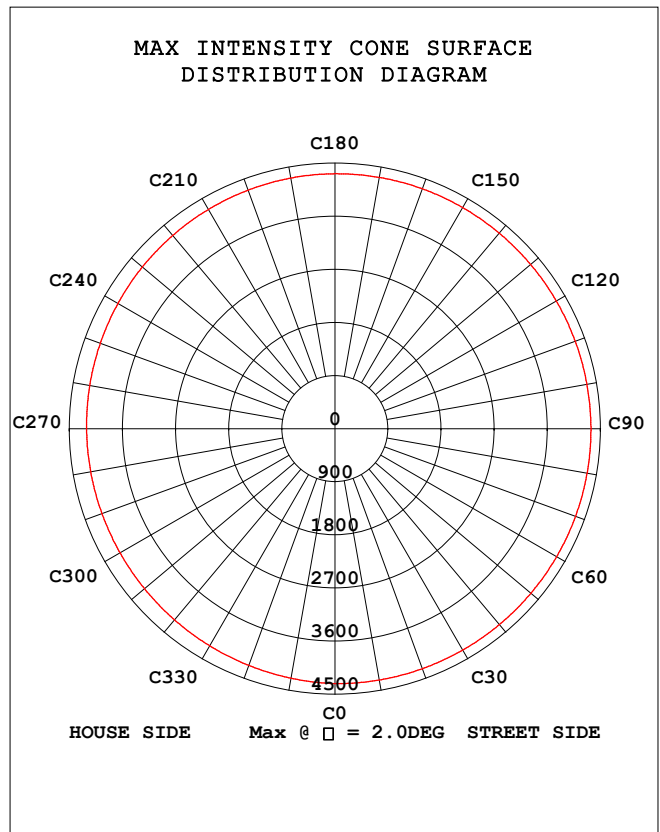
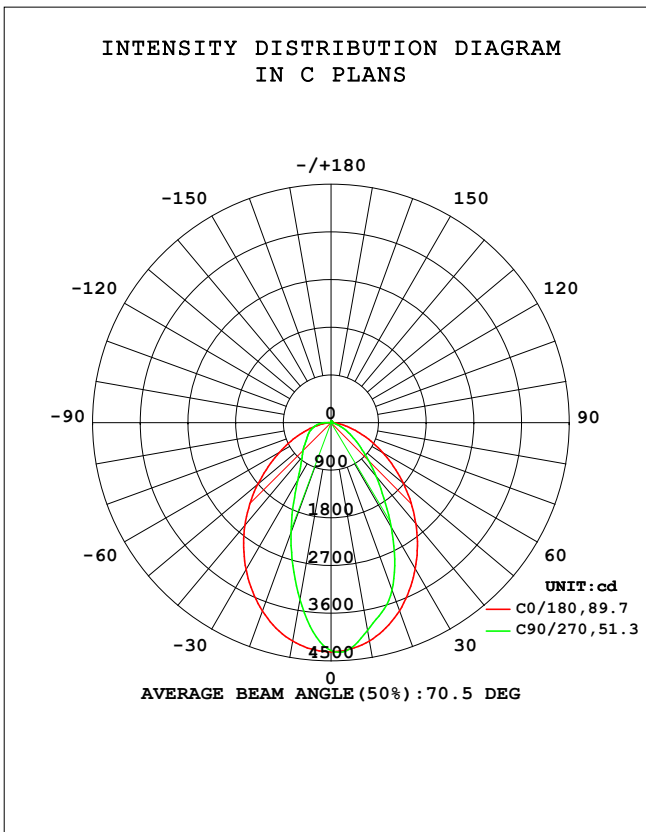


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.4V I:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:0.3*0.09m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.75 lm/W			
MODEL		Imax(cd)	4338	<input type="checkbox"/> street_up(%)	0.4
NOMINAL POWER(W)	50	LOR(%)	100.0	<input type="checkbox"/> street_down(%)	53.2
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6724	<input type="checkbox"/> house_up(%)	0.6
NOMINAL FLUX(lm)	6723.64	MAXIMUM @ (C, <input type="checkbox"/>)	90,2.0	<input type="checkbox"/> house_down(%)	45.8
LAMPS INSIDE	1	<input type="checkbox"/> up(%)	1.1	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	<input type="checkbox"/> down(%)	98.9	SLI	21.122

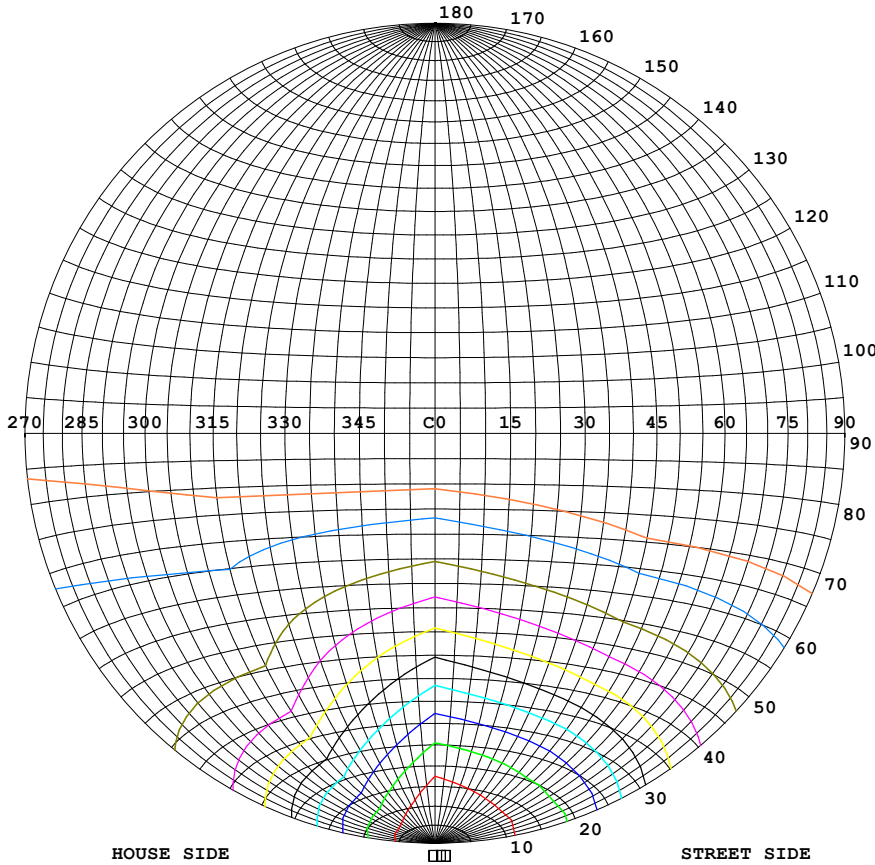


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: lianghaizhu
 Test Date: 2023-05-25

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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:0.3*0.09m	Shielding Angle:



Classification:

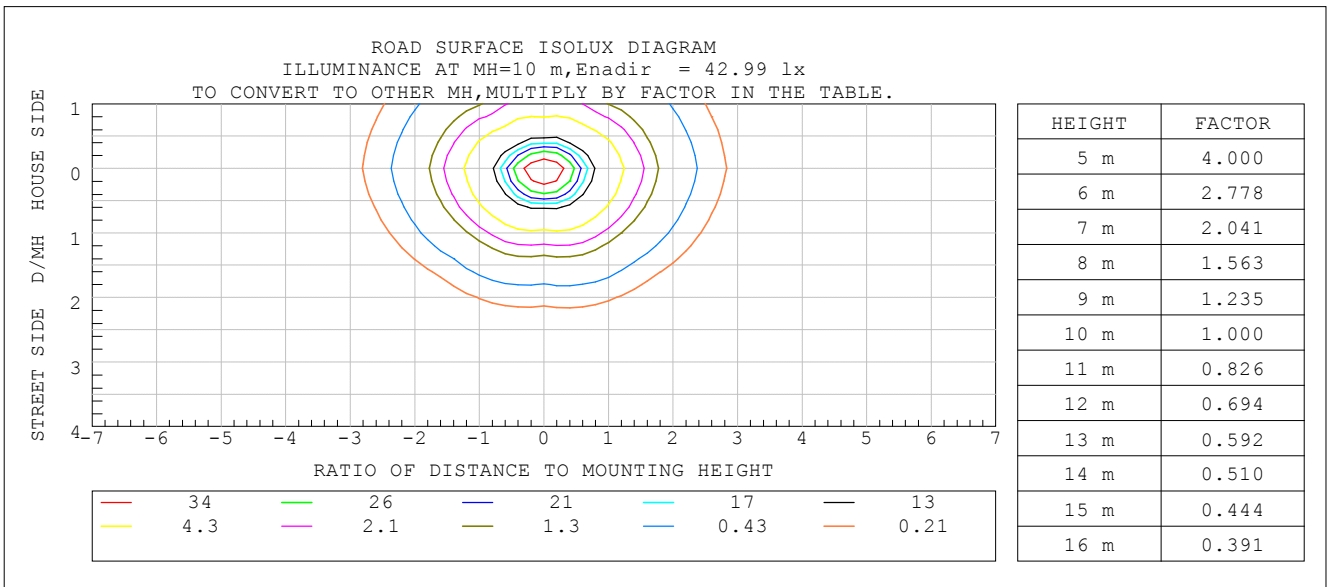
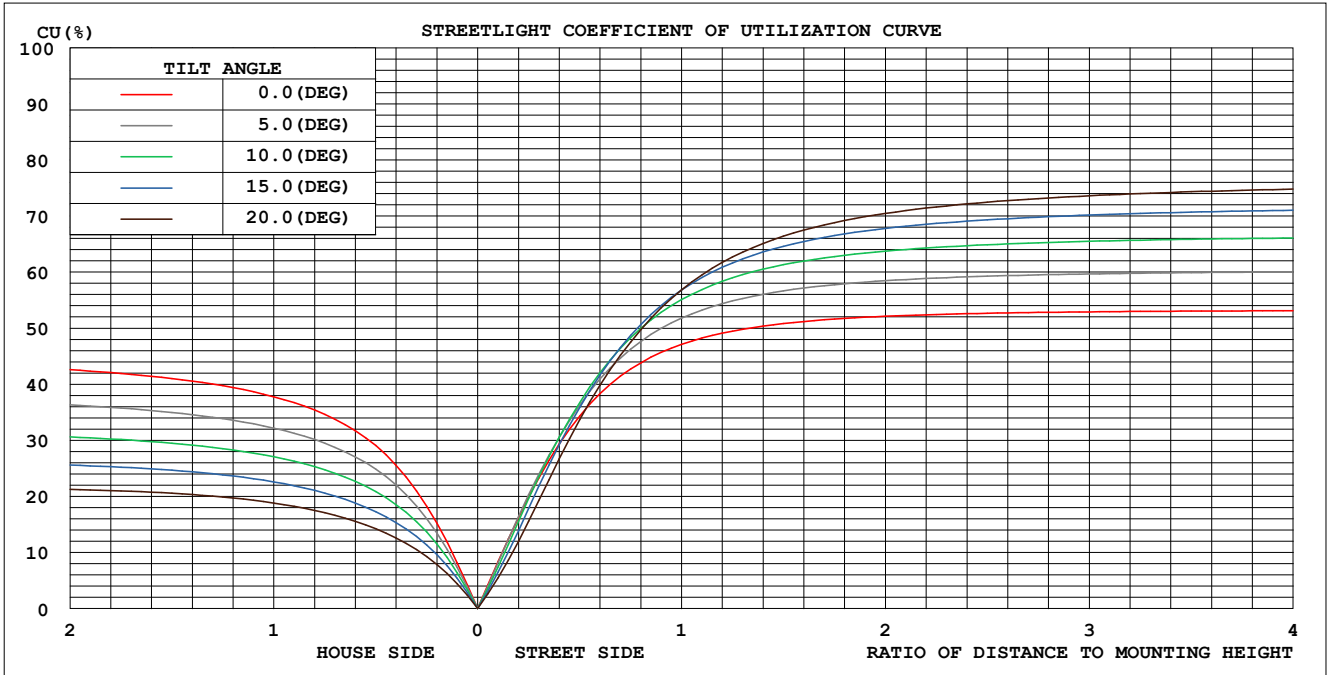
IES:Type VS - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:41.14cd/klm
 Max.At90:17.10cd/klm
 Max.80-90:41.14cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4338
90%	3904
80%	3470
70%	3036
60%	2603
50%	2169
40%	1735
30%	1301
20%	868
10%	434
5%	217

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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:0.3*0.09m	Shielding Angle:

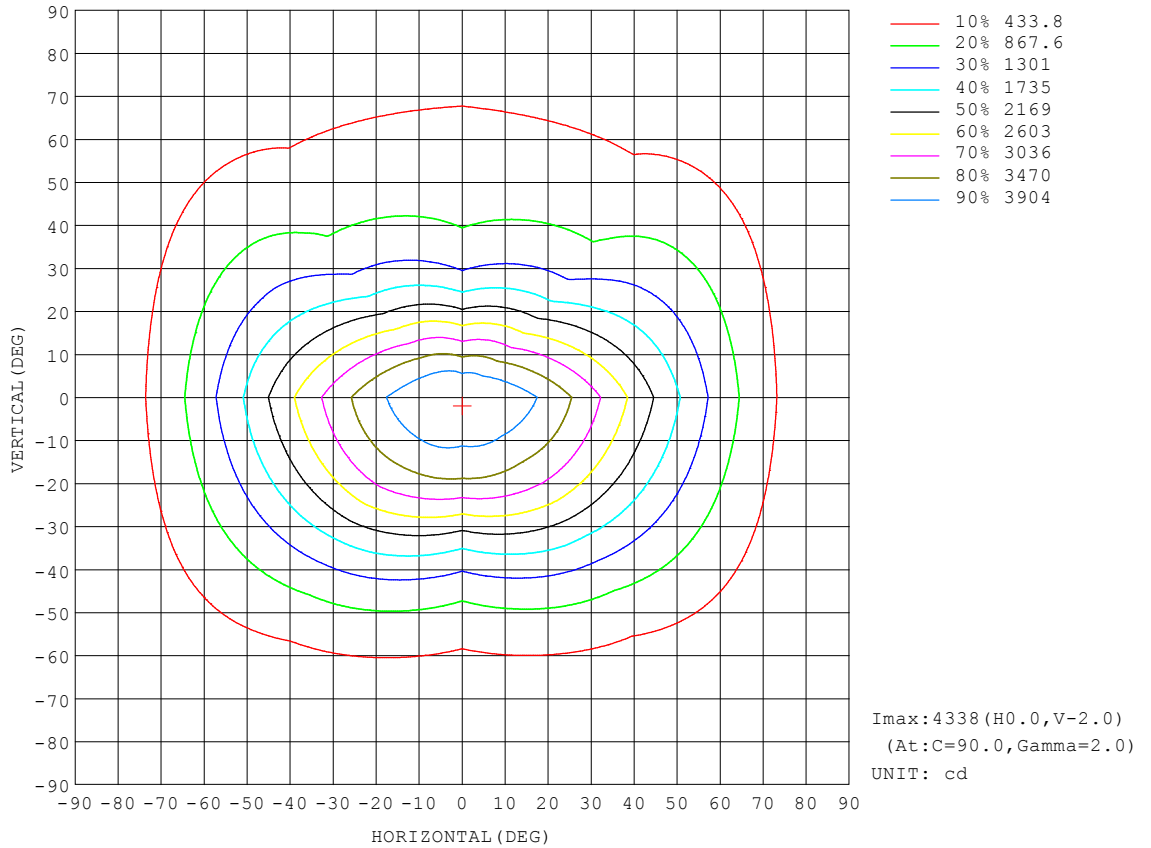
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	4183	4068	3982	4121	4186	3749	3393	3636	0- 10	391.6	391.6	5.82,5.82
20	3780	3497	3370	3552	3787	2786	2217	2659	10- 20	1000	1392	20.7,20.7
30	3185	2793	2271	2874	3208	1863	1266	1746	20- 30	1288	2680	39.9,39.9
40	2492	1914	1330	1989	2531	1166	852.1	1095	30- 40	1260	3940	58.6,58.6
50	1784	1150	735.3	1207	1802	781.5	652.5	742.3	40- 50	1060	5000	74.4,74.4
60	1126	603.8	389.8	643.8	1125	546.8	515.4	523.2	50- 60	789.8	5790	86.1,86.1
70	576.5	237.3	157.3	270.7	589.3	365.3	407.6	344.4	60- 70	513.1	6303	93.7,93.7
80	185.4	39.42	21.77	57.06	200.5	210.0	276.6	189.7	70- 80	263.8	6567	97.7,97.7
90	3.901	2.219	2.131	2.113	4.038	64.58	115.0	48.24	80- 90	84.26	6651	98.9,98.9
100	4.806	3.429	2.993	3.226	4.535	3.422	2.543	3.664	90-100	13.08	6664	99.1,99.1
110	7.270	5.247	4.198	4.870	6.909	5.663	4.386	6.055	100-110	4.776	6669	99.2,99.2
120	10.17	7.842	6.058	7.194	9.730	8.576	7.243	9.168	110-120	6.788	6676	99.3,99.3
130	13.34	11.13	8.903	10.24	12.90	11.98	11.04	12.77	120-130	8.808	6685	99.4,99.4
140	16.54	14.79	12.62	13.69	16.20	15.61	15.28	16.50	130-140	10.28	6695	99.6,99.6
150	19.50	18.30	16.66	17.04	19.36	18.91	19.23	19.79	140-150	10.58	6706	99.7,99.7
160	22.10	21.21	20.08	20.01	22.18	21.72	22.13	22.34	150-160	9.258	6715	99.9,99.9
170	24.09	23.31	22.73	22.58	24.21	23.69	24.02	23.90	160-170	6.375	6721	100,100
180	25.15	24.48	24.36	24.30	25.18	24.48	24.39	24.31	170-180	2.292	6724	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

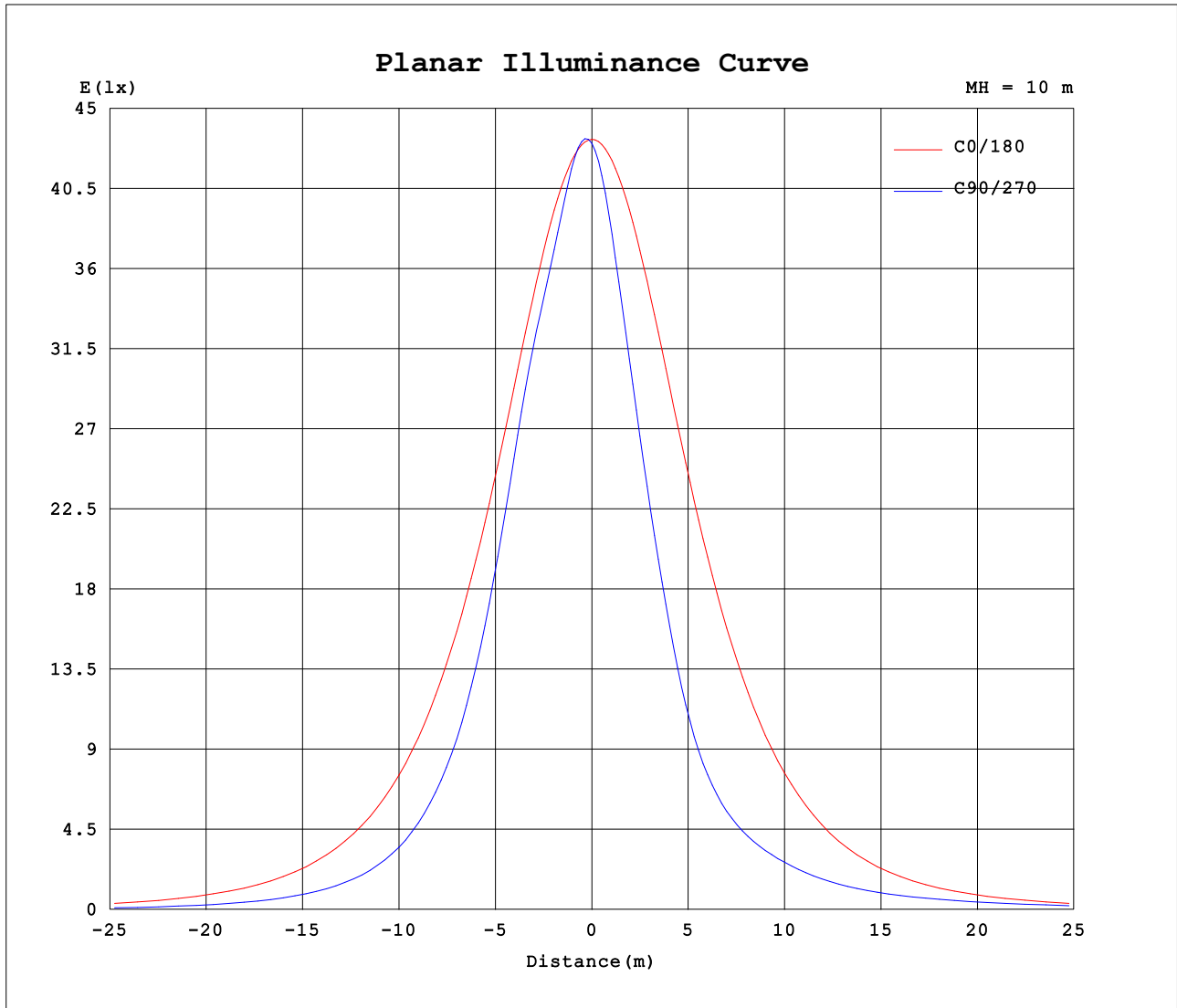
Test:U:121.4V I:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:0.3*0.09m	Shielding Angle:



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



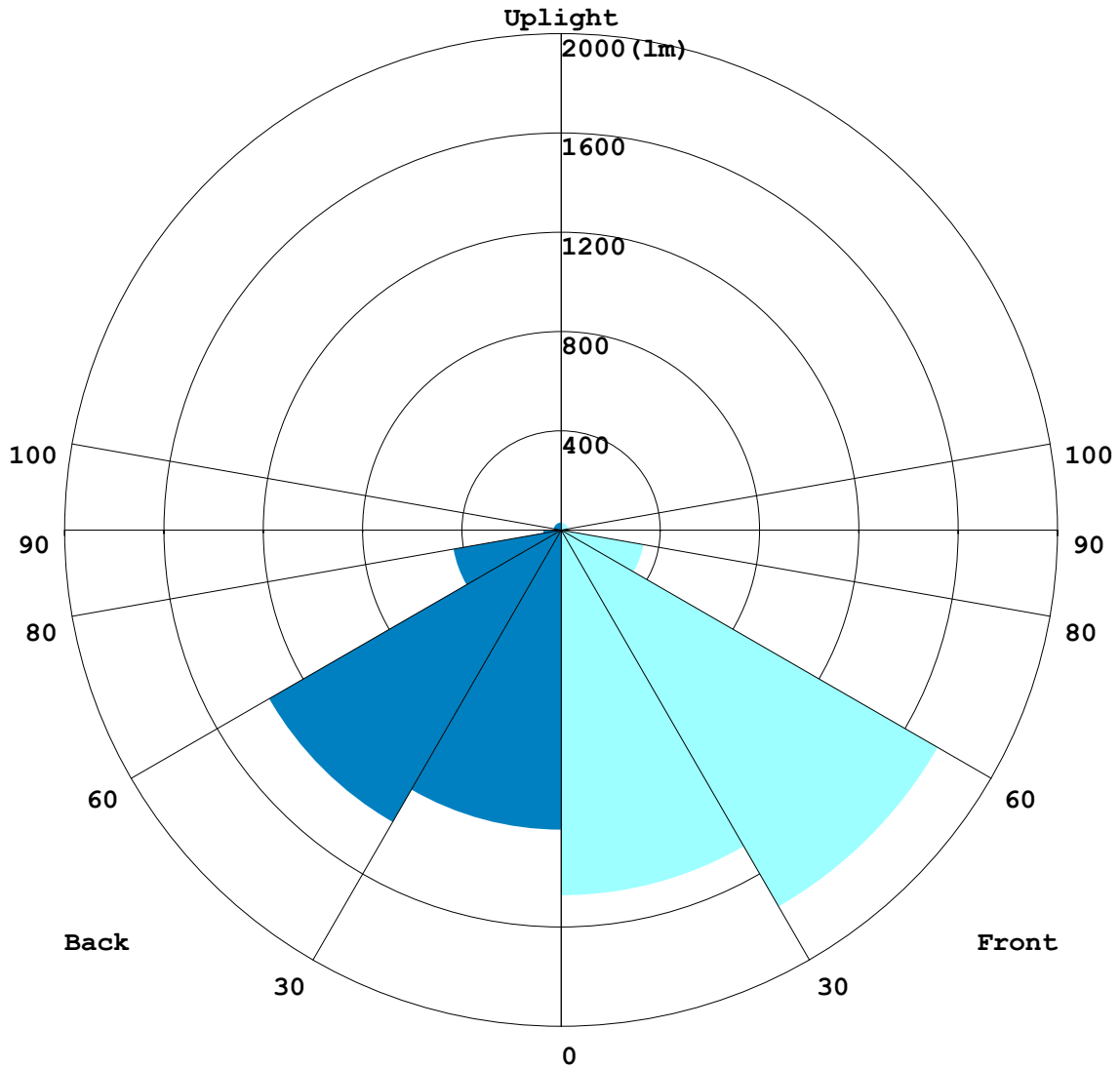
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: lianghaizhu
 Test Date: 2023-05-25

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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-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)	1471.9	21.9
FM - Front-Medium(30-60)	1751.6	26.1
FH - Front-High(60-80)	337.15	5.0
FVH - Front-Very High(80-90)	13.088	0.2
Total Forward Light	3603.7	53.6

BL - Back-Low(0-30)	1208	18.0
BM - Back-Medium(30-60)	1358.8	20.2
BH - Back-High(60-80)	439.74	6.5
BVH - Back-Very High(80-90)	71.175	1.1
Total Back Light	3119.9	46.4

UL - Uplight-Low(90-100)	13.082	0.2
UH - Uplight-High(100-180)	59.163	0.9
Total Up Light	72.245	1.1

BUG(Back,Up,Glare) Rating	B3-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3077.7	42.226	3119.9
Street Side	3573.7	30.019	3603.7

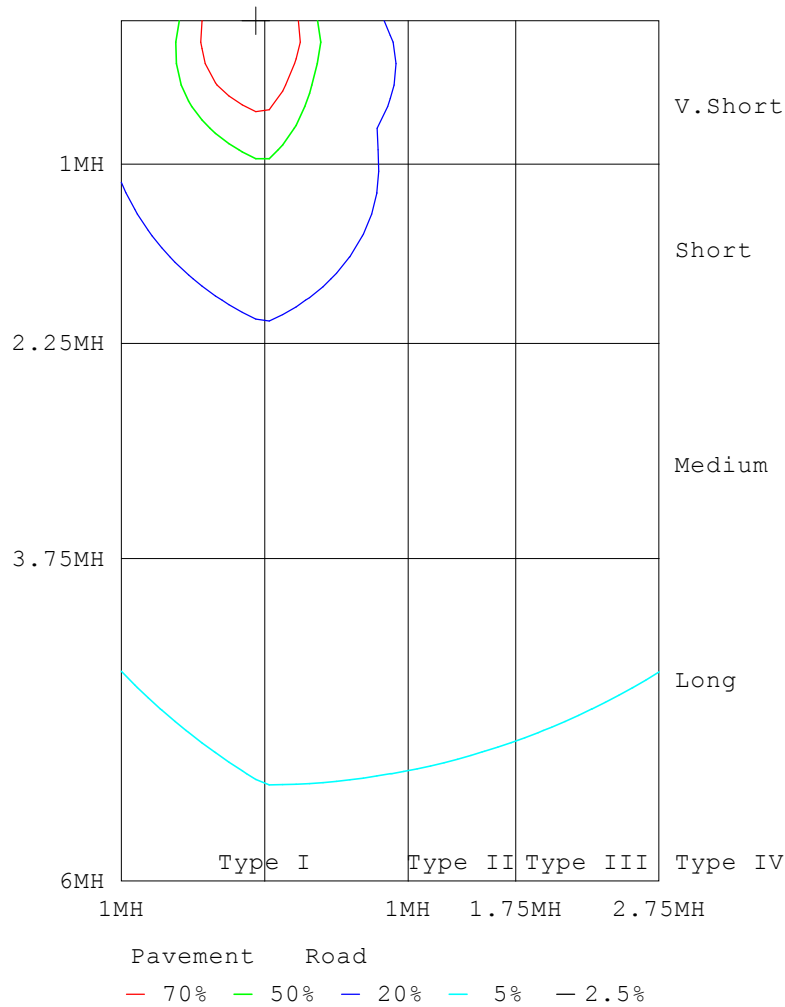
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-05-25

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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-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:0.4013A P:48.46W PF:0.9943 Freq:59.98Hz Lamp Flux:6723.64x1 lm		
NAME: ASD-WLP03-A50DAC-BR-50W-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	4326	4322	4305	4295	4326	4322	4305	4295											
5	4290	4290	4277	4312	4292	4128	3959	4049											
10	4183	4068	3982	4121	4186	3749	3393	3636											
15	4011	3773	3710	3829	4016	3277	2796	3151											
20	3780	3497	3370	3552	3787	2786	2217	2659											
25	3499	3188	2846	3259	3514	2307	1676	2182											
30	3185	2793	2271	2874	3208	1863	1266	1746											
35	2845	2349	1747	2430	2878	1475	1005	1376											
40	2492	1914	1330	1989	2531	1166	852	1095											
45	2137	1505	992	1570	2172	945	753	896											
50	1784	1150	735	1207	1802	782	652	742											
55	1445	851	543	897	1446	653	573	625											
60	1126	604	390	644	1125	547	515	523											
65	837	401	267	436	840	453	463	431											
70	576	237	157	271	589	365	408	344											
75	361	114	86.0	137	377	284	344	264											
80	185	39.4	21.8	57.1	201	210	277	190											
85	53.3	1.81	1.80	7.23	66.5	134	192	112											
90	3.90	2.22	2.13	2.11	4.04	64.6	115	48.2											
95	3.81	2.75	2.53	2.60	3.58	11.9	42.5	3.38											
100	4.81	3.43	2.99	3.23	4.53	3.42	2.54	3.66											
105	5.97	4.25	3.55	3.97	5.65	4.45	3.35	4.76											
110	7.27	5.25	4.20	4.87	6.91	5.66	4.39	6.05											
115	8.68	6.45	5.02	5.93	8.27	7.05	5.68	7.53											
120	10.2	7.84	6.06	7.19	9.73	8.58	7.24	9.17											
125	11.7	9.42	7.35	8.65	11.3	10.2	9.06	10.9											
130	13.3	11.1	8.90	10.2	12.9	12.0	11.0	12.8											
135	15.0	12.9	10.7	11.9	14.5	13.8	13.1	14.6											
140	16.5	14.8	12.6	13.7	16.2	15.6	15.3	16.5											
145	18.1	16.6	14.7	15.4	17.8	17.3	17.4	18.2											
150	19.5	18.3	16.7	17.0	19.4	18.9	19.2	19.8											
155	20.9	19.8	18.5	18.6	20.8	20.4	20.8	21.2											
160	22.1	21.2	20.1	20.0	22.2	21.7	22.1	22.3											
165	23.2	22.4	21.5	21.4	23.3	22.9	23.2	23.3											
170	24.1	23.3	22.7	22.6	24.2	23.7	24.0	23.9											
175	24.8	24.0	23.7	23.6	24.9	24.3	24.4	24.3											
180	25.2	24.5	24.4	24.3	25.2	24.5	24.4	24.3											

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: