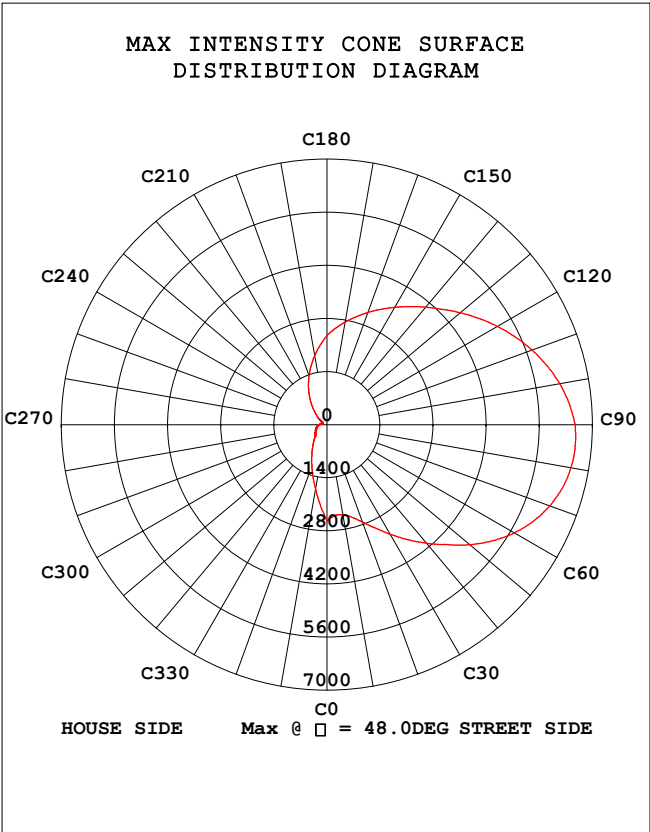
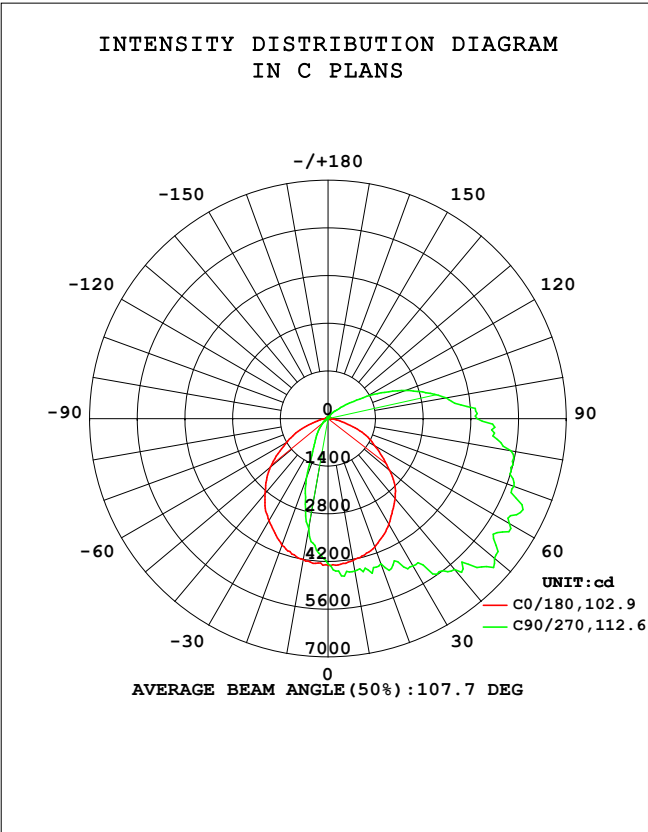


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 149.31 lm/W
MODEL		Imax(cd)	6539	□ street_up(%)	15.3	
NOMINAL POWER(W)	120	LOR(%)	100.0	□ street_down(%)	69.5	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	17571	□ house_up(%)	0.8	
NOMINAL FLUX(lm)	17571.1	MAXIMUM @ (C,□)	90,48.0	□ house_down(%)	14.4	
LAMPS INSIDE	1	□ up(%)	16.1	76 FLASHAREA(m2)	0.05000	
TEST VOLTAGE(V)	120	□ down(%)	83.9	SLI	21.200	

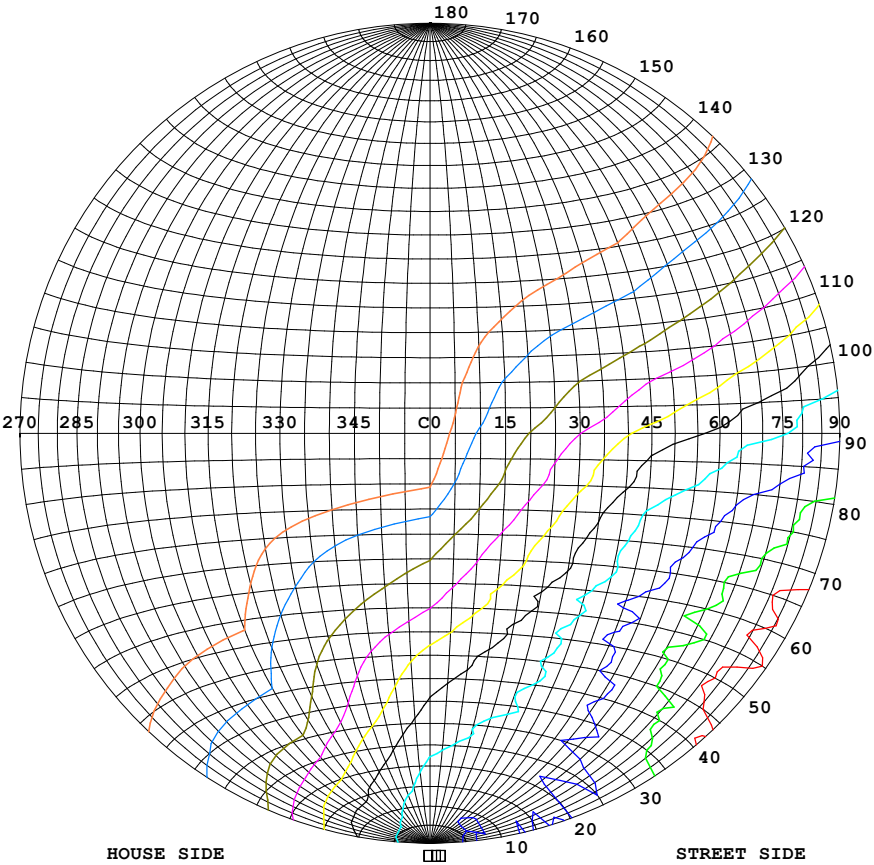


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

□ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



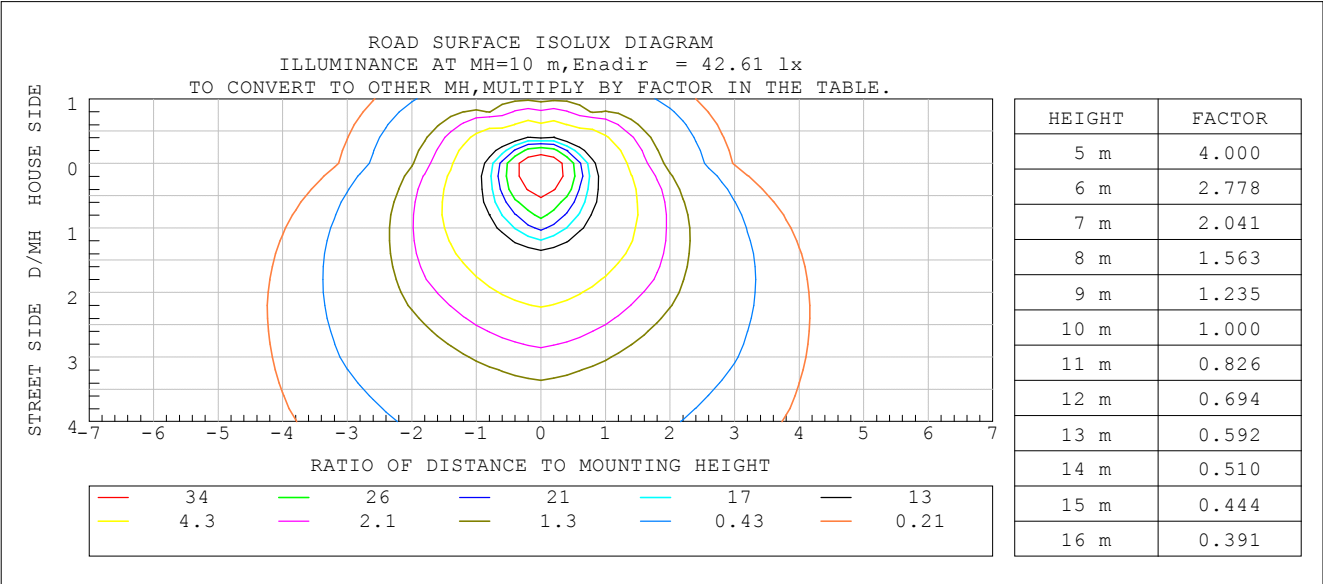
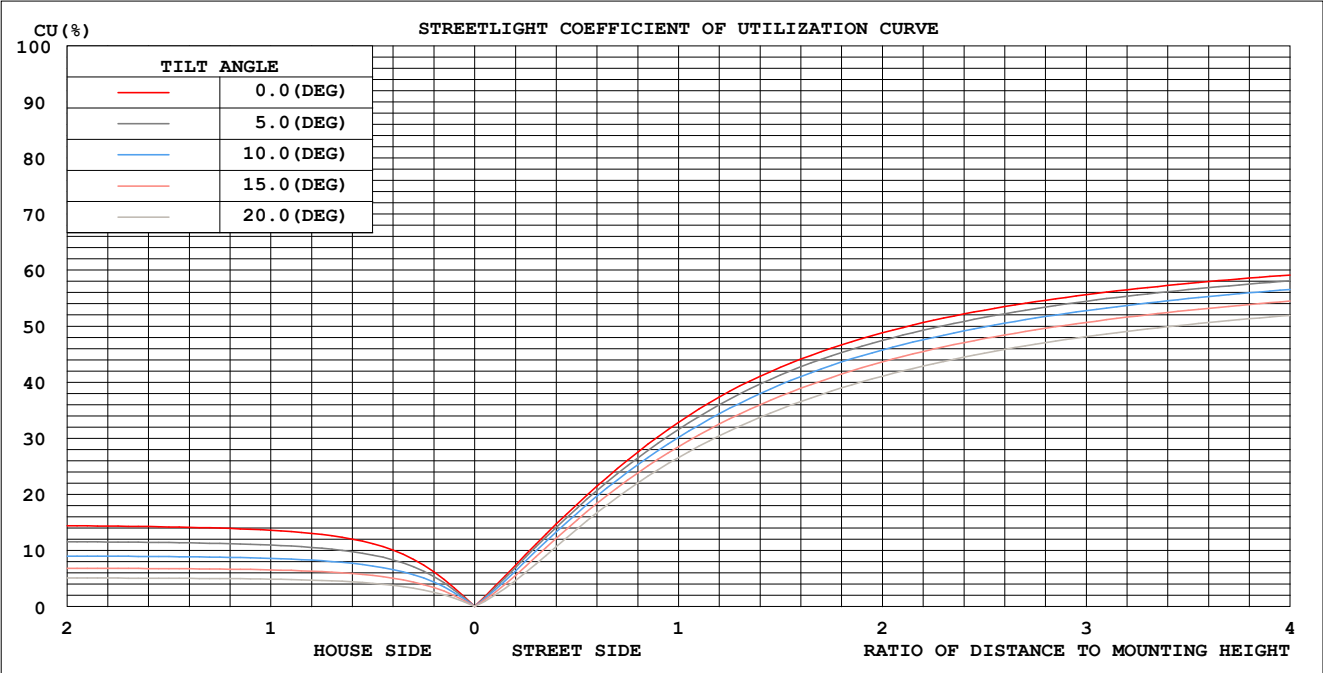
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:310.5cd/klm
Max.At90:249.3cd/klm
Max.80-90:310.5cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6539
90%	5885
80%	5231
70%	4577
60%	3923
50%	3269
40%	2616
30%	1962
20%	1308
10%	654
5%	327

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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: 2024-02-20

☐ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

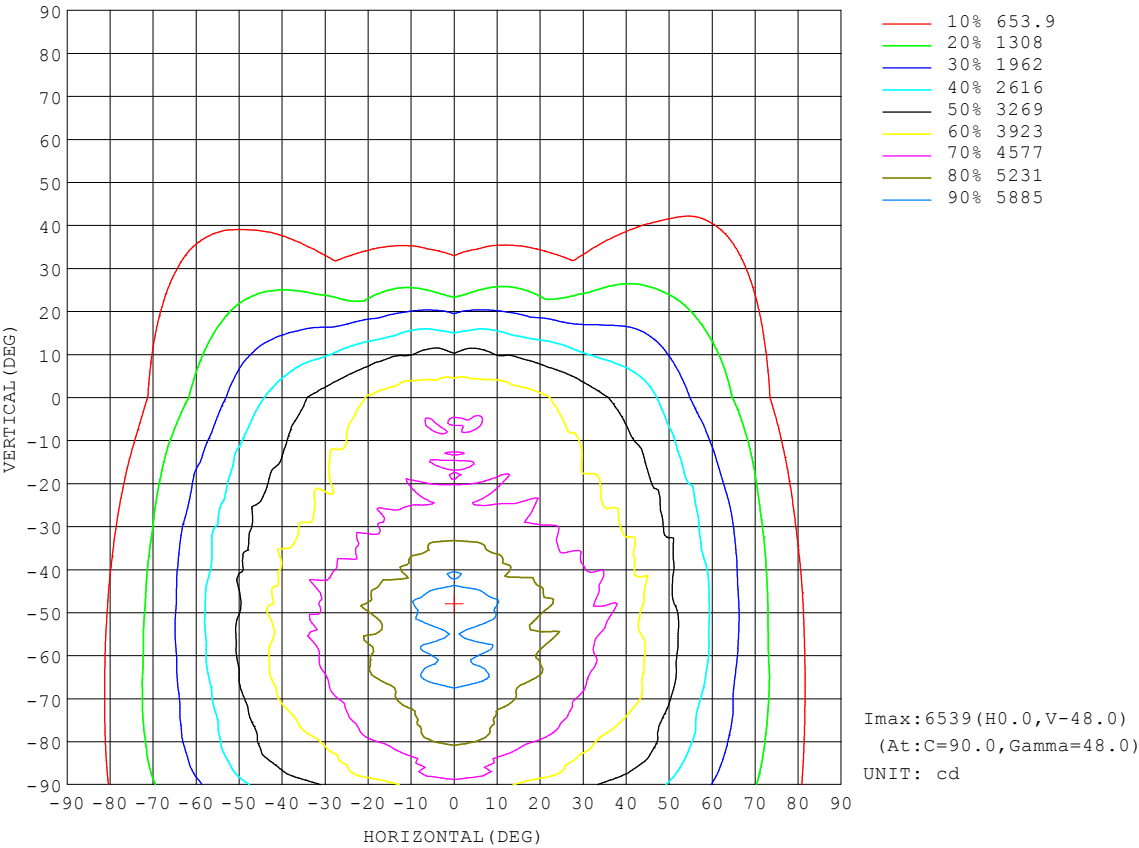
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	4233	4478	4549	4485	4202	3643	3289	3650	0- 10	400.5	400.5	2.28,2.28
20	4016	4439	4536	4346	3966	2597	1883	2600	10- 20	1079	1479	8.42,8.42
30	3574	4551	4995	4415	3463	1342	758.6	1400	20- 30	1513	2993	17,17
40	3071	4380	5783	4267	2884	687.4	420.7	690.9	30- 40	1817	4809	27.4,27.4
50	2362	4520	6382	4341	2210	378.0	208.6	396.2	40- 50	2085	6895	39.2,39.2
60	1580	4472	6144	4259	1407	189.5	115.5	203.8	50- 60	2193	9088	51.7,51.7
70	928.3	4126	5812	4025	744.0	82.91	24.36	95.96	60- 70	2131	11219	63.8,63.8
80	300.5	3584	5455	3497	242.5	37.51	30.70	41.08	70- 80	1914	13133	74.7,74.7
90	85.11	2882	4380	2771	78.70	34.40	36.90	36.05	80- 90	1614	14747	83.9,83.9
100	59.69	1904	3525	1848	60.01	35.42	42.22	36.33	90-100	1207	15954	90.8,90.8
110	64.28	1029	2422	1003	67.81	37.07	45.94	36.74	100-110	801.0	16755	95.4,95.4
120	63.22	481.5	1316	483.7	60.58	38.87	47.81	37.62	110-120	442.1	17197	97.9,97.9
130	52.88	241.5	566.4	245.3	50.47	40.40	48.46	38.82	120-130	205.9	17403	99,99
140	41.66	108.7	273.0	109.9	39.08	41.32	48.05	39.44	130-140	92.23	17496	99.6,99.6
150	33.45	61.18	92.69	60.82	32.30	41.04	46.72	39.69	140-150	42.45	17538	99.8,99.8
160	30.47	32.34	46.35	33.88	30.69	39.54	43.63	39.04	150-160	20.13	17558	99.9,99.9
170	32.00	28.25	27.92	29.25	32.36	36.93	38.95	37.44	160-170	9.769	17568	100,100
180	33.05	33.14	32.94	34.34	33.05	33.16	32.97	34.37	170-180	3.151	17571	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:2024-02-20

□ 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

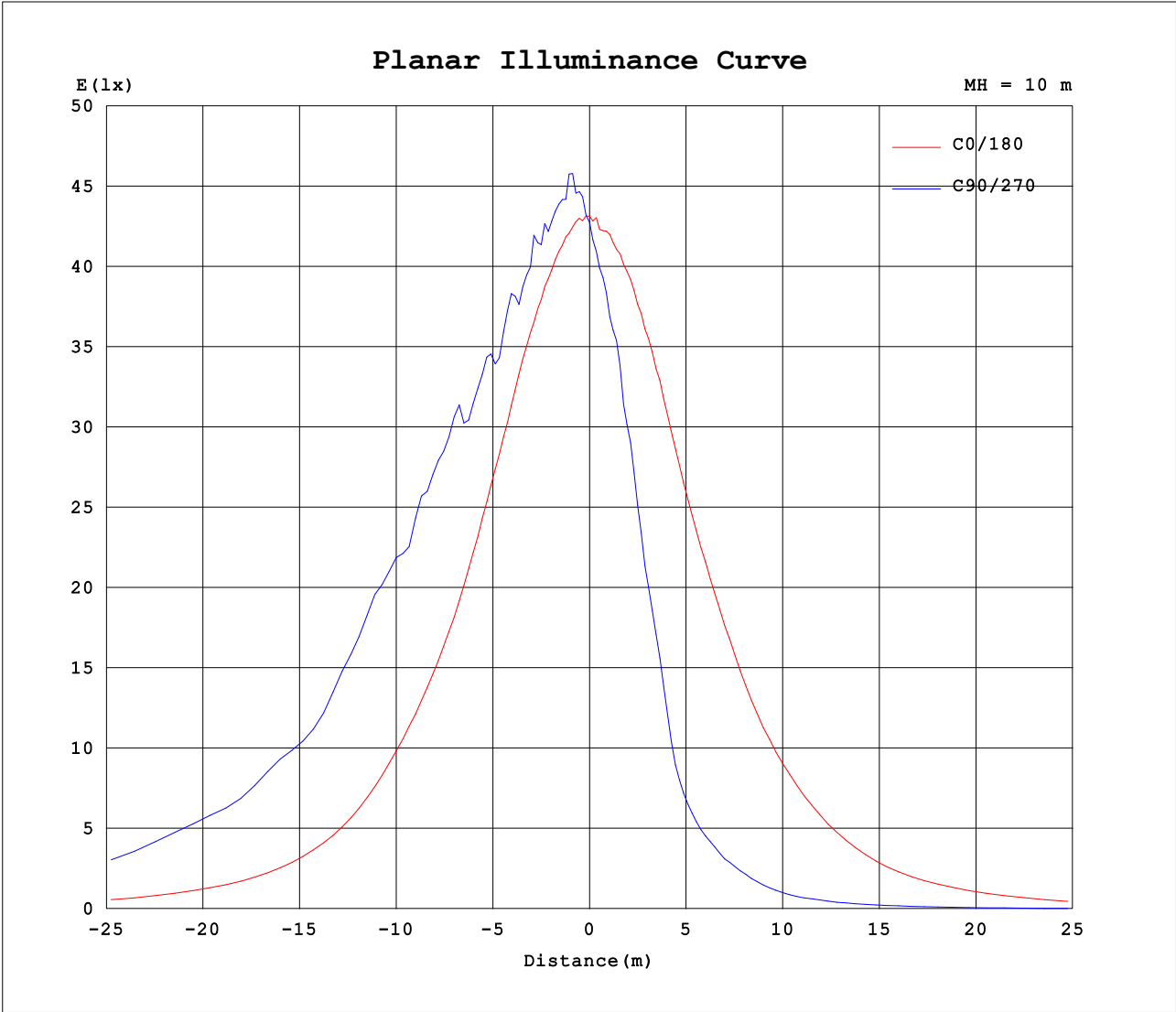
Test:U:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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



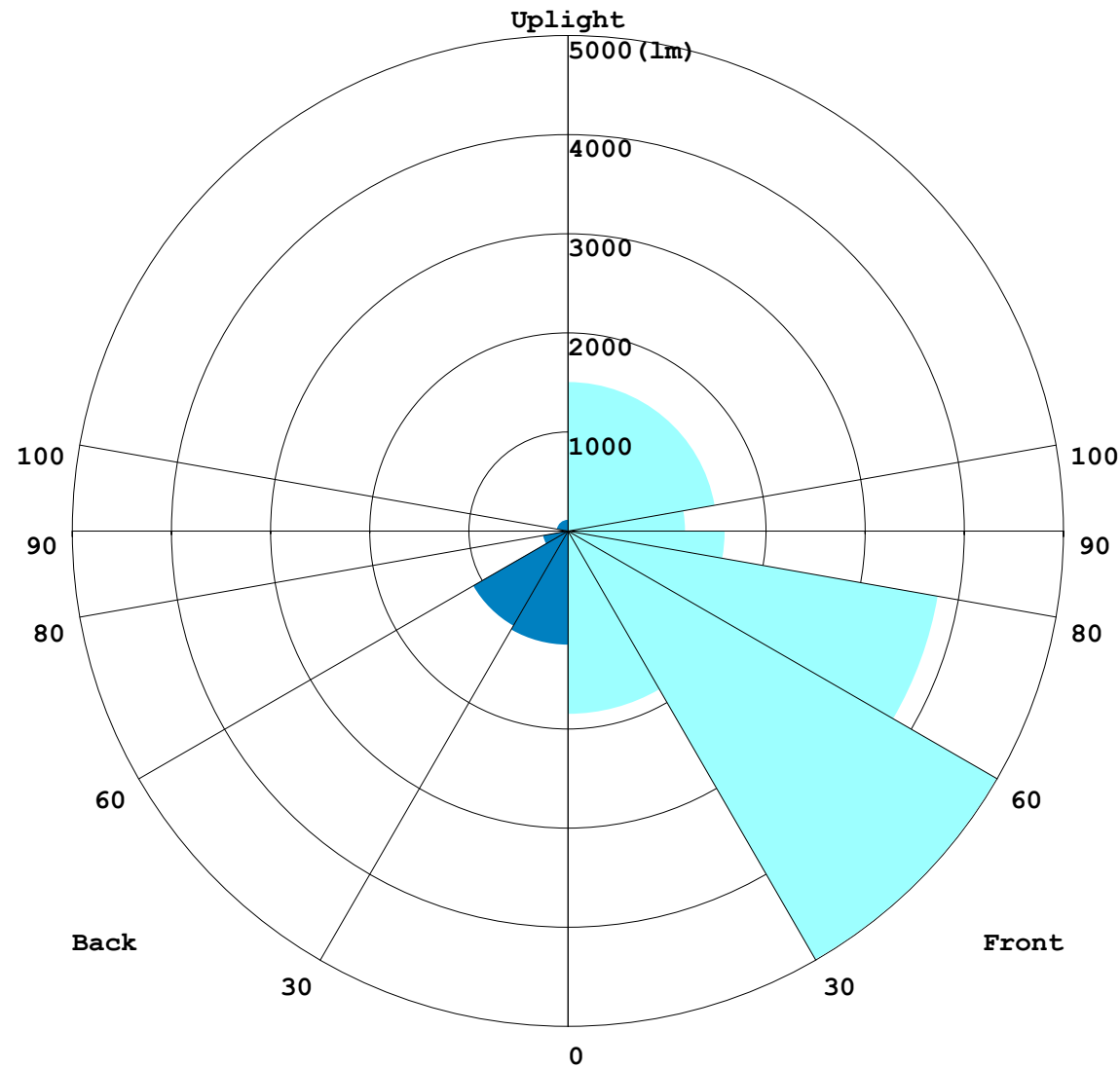
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1845.3	10.5
FM - Front-Medium(30-60)	4992.8	28.4
FH - Front-High(60-80)	3789.8	21.6
FVH - Front-Very High(80-90)	1580.2	9.0
Total Forward Light	14895	84.8

BL - Back-Low(0-30)	1147.2	6.5
BM - Back-Medium(30-60)	1102.4	6.3
BH - Back-High(60-80)	255.18	1.5
BVH - Back-Very High(80-90)	34.192	0.2
Total Back Light	2676	15.2

UL - Uplight-Low(90-100)	1207.3	6.9
UH - Uplight-High(100-180)	1616.7	9.2
Total Up Light	2824	16.1

BUG(Back,Up,Glare) Rating	B3-U4-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2539	137	2676
Street Side	12208	2687	14895

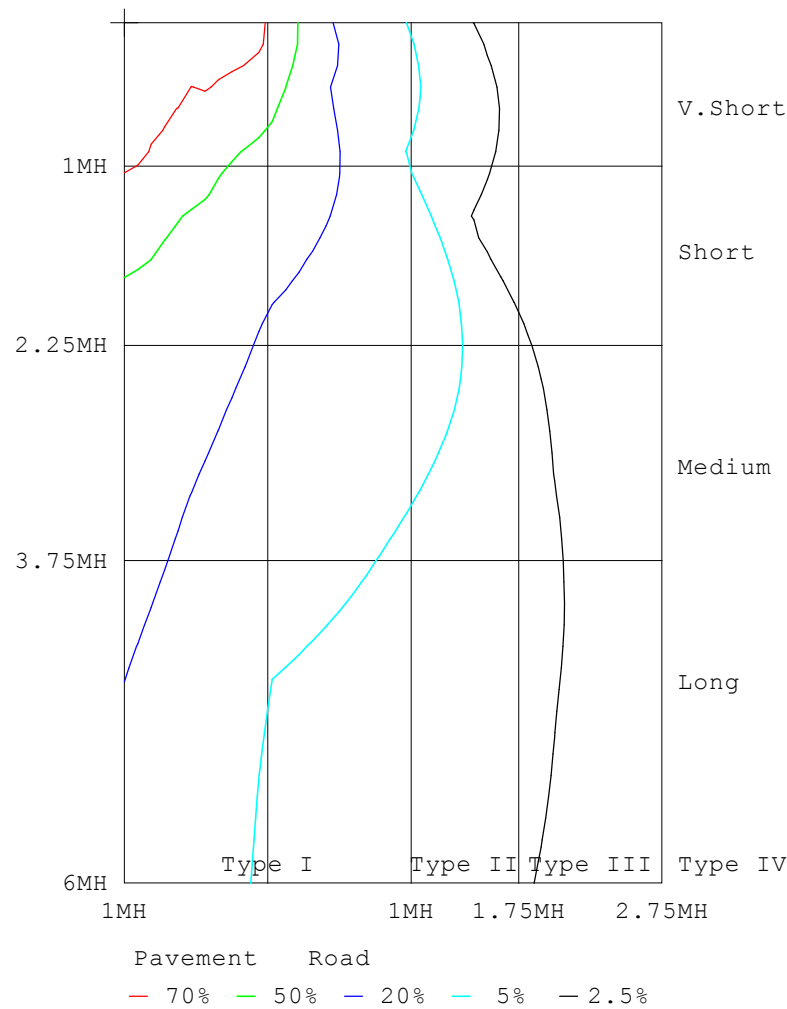
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:120.4V I:0.9825A P:117.7W PF:0.9952 Freq:59.98Hz Lamp Flux:17571.1x1 lm		
NAME: ASD-WLP01-120A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

Table--1									UNIT: cd									
C (DEG) □ (DEG)	0	45	90	135	180	225	270	315										
0	4312	4306	4274	4249	4312	4306	4274	4249										
5	4295	4503	4633	4401	4268	3987	3882	4005										
10	4233	4478	4549	4485	4202	3643	3289	3650										
15	4147	4478	4604	4519	4116	3147	2603	3142										
20	4016	4439	4536	4346	3966	2597	1883	2600										
25	3805	4415	4610	4450	3709	1987	1077	2016										
30	3574	4551	4995	4415	3463	1342	759	1400										
35	3305	4325	5577	4119	3212	924	566	946										
40	3071	4380	5783	4267	2884	687	421	691										
45	2781	4552	6189	4375	2561	524	288	532										
50	2362	4520	6382	4341	2210	378	209	396										
55	1945	4467	5930	4395	1793	272	151	287										
60	1580	4472	6144	4259	1407	189	116	204										
65	1289	4177	6322	4082	1094	129	74.9	143										
70	928	4126	5812	4025	744	82.9	24.4	96.0										
75	548	3970	5562	3835	415	46.1	27.5	55.7										
80	300	3584	5455	3497	243	37.5	30.7	41.1										
85	160	3333	4907	3268	135	35.3	33.8	37.3										
90	85.1	2882	4380	2771	78.7	34.4	36.9	36.1										
95	62.1	2303	4099	2244	60.7	34.6	39.7	32.7										
100	59.7	1904	3525	1848	60.0	35.4	42.2	36.3										
105	62.5	1413	2975	1372	64.8	36.3	44.3	36.5										
110	64.3	1029	2422	1003	67.8	37.1	45.9	36.7										
115	64.2	709	1842	704	66.3	37.9	47.1	37.0										
120	63.2	482	1316	484	60.6	38.9	47.8	37.6										
125	58.8	342	848	347	56.2	39.8	48.3	38.2										
130	52.9	242	566	245	50.5	40.4	48.5	38.8										
135	47.2	168	360	170	44.2	40.9	48.4	39.1										
140	41.7	109	273	110	39.1	41.3	48.0	39.4										
145	37.0	78.9	167	78.0	35.1	41.4	47.6	39.7										
150	33.4	61.2	92.7	60.8	32.3	41.0	46.7	39.7										
155	31.3	44.2	64.2	45.4	30.9	40.4	45.3	39.4										
160	30.5	32.3	46.3	33.9	30.7	39.5	43.6	39.0										
165	31.0	27.6	33.2	29.2	31.5	38.4	41.6	38.5										
170	32.0	28.2	27.9	29.3	32.4	36.9	38.9	37.4										
175	32.7	30.7	29.7	31.9	32.9	35.1	36.0	36.0										
180	33.1	33.1	32.9	34.3	33.1	33.2	33.0	34.4										

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

□ 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: