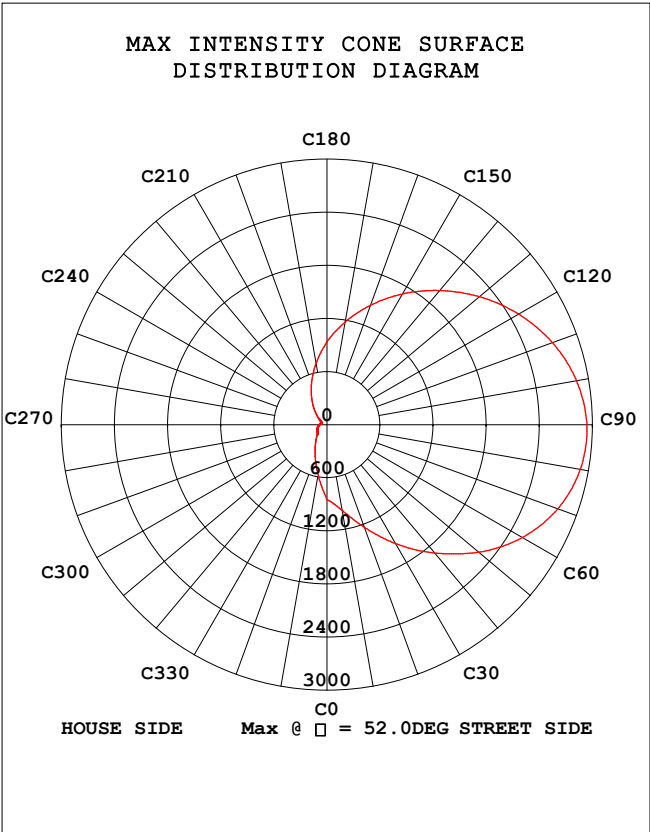
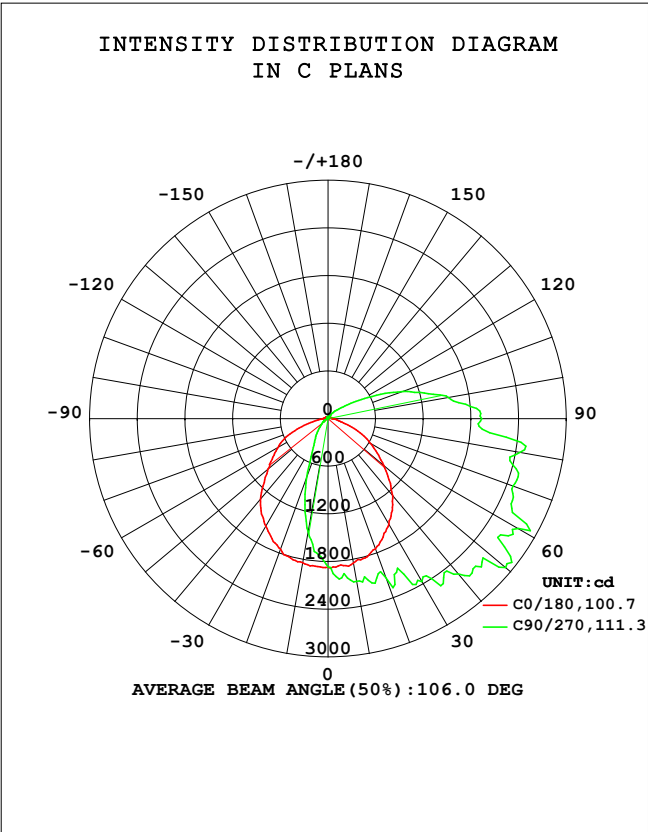


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 153.82 lm/W
MODEL		Imax(cd)	2937	□ street_up(%)	14.6	
NOMINAL POWER(W)	50	LOR(%)	100.0	□ street_down(%)	69.2	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	7693	□ house_up(%)	0.9	
NOMINAL FLUX(lm)	7692.68	MAXIMUM @ (C,□)	90,52.0	□ house_down(%)	15.3	
LAMPS INSIDE	1	□ up(%)	15.5	76 FLASHAREA(m2)	0.05000	
TEST VOLTAGE(V)	120	□ down(%)	84.5	SLI	19.729	

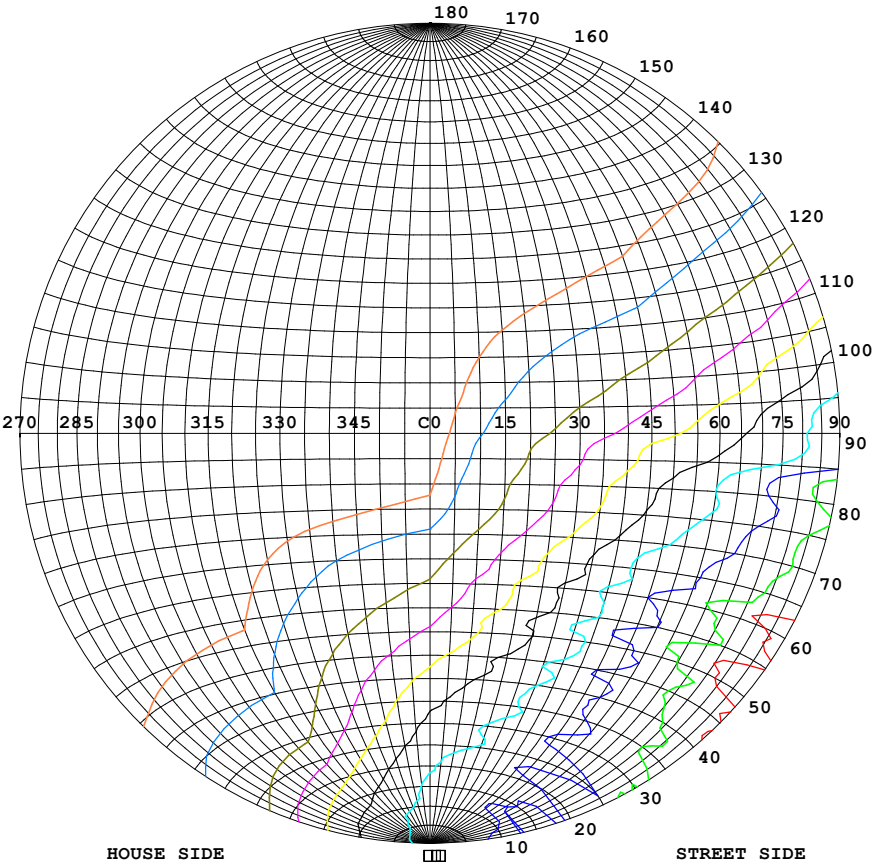


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-22

□ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



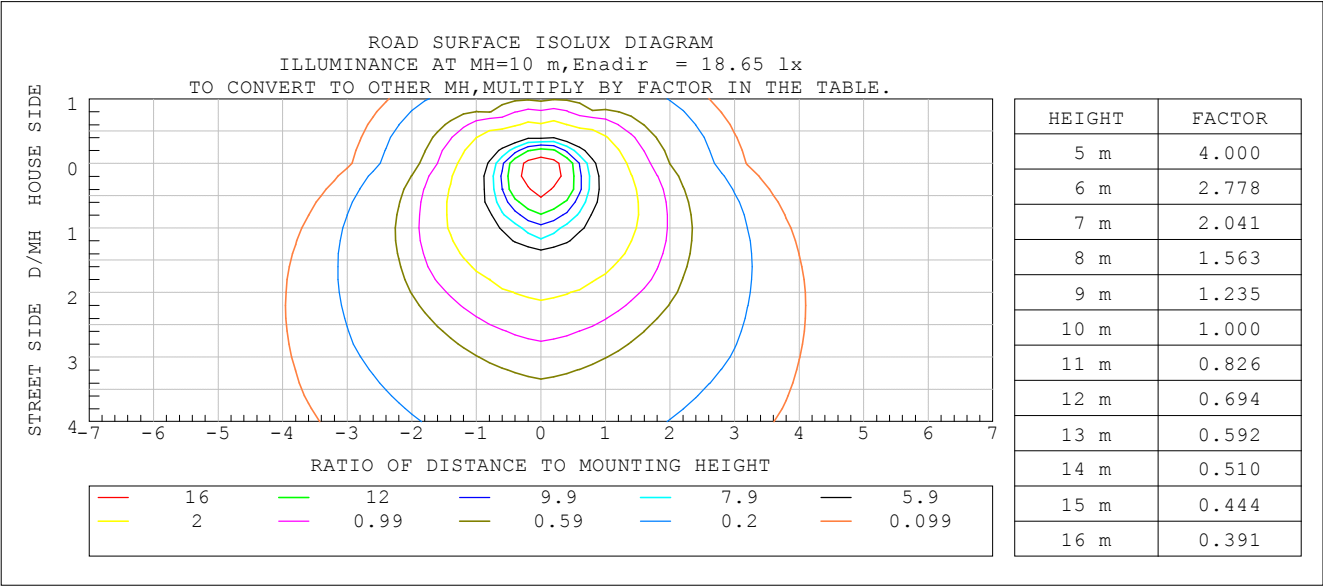
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:319.3cd/klm
Max.At90:251.8cd/klm
Max.80-90:327.1cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2937
90%	2643
80%	2350
70%	2056
60%	1762
50%	1468
40%	1175
30%	881
20%	587
10%	294
5%	147

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-22

☐ 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: 2024-02-22

☐ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

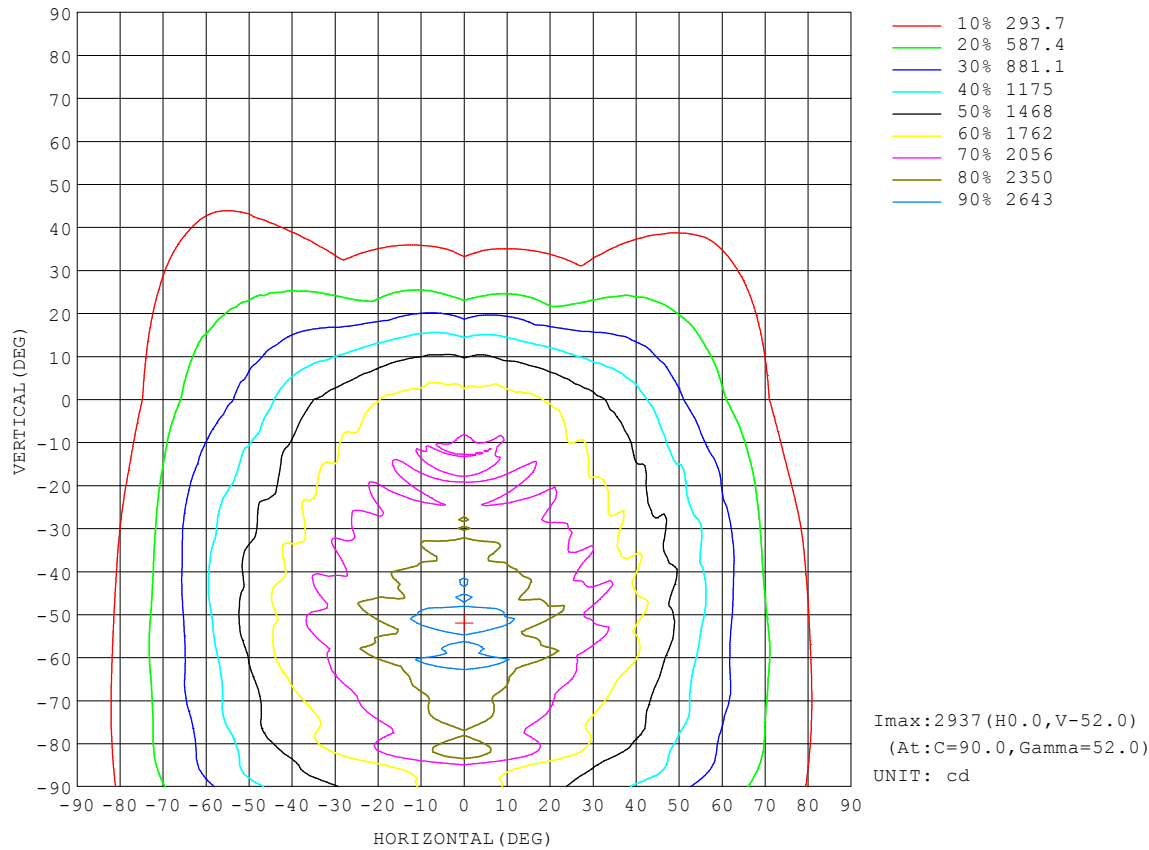
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	1845	2000	2078	2002	1841	1621	1447	1581	0- 10	175.8	175.8	2.29,2.29
20	1746	2024	2126	2044	1752	1173	794.8	1101	10- 20	480.4	656.3	8.53,8.53
30	1536	2083	2367	2098	1564	621.0	344.1	549.5	20- 30	681.4	1338	17.4,17.4
40	1269	1993	2552	2018	1322	322.6	200.3	297.5	30- 40	821.2	2159	28.1,28.1
50	917.5	1897	2918	2010	990.7	194.8	101.7	179.0	40- 50	921.3	3080	40,40
60	608.3	1968	2768	2035	726.9	104.7	65.38	92.23	50- 60	976.9	4057	52.7,52.7
70	324.1	1639	2477	1799	447.7	50.94	19.60	44.42	60- 70	939.3	4996	64.9,64.9
80	123.9	1419	2456	1572	159.1	23.15	13.39	19.79	70- 80	813.6	5810	75.5,75.5
90	61.88	1050	1937	1218	64.86	18.35	16.14	15.94	80- 90	692.0	6502	84.5,84.5
100	43.80	675.9	1541	796.7	48.97	17.38	18.56	17.06	90-100	514.8	7017	91.2,91.2
110	35.88	376.3	1009	453.8	40.62	17.07	20.29	16.84	100-110	338.1	7355	95.6,95.6
120	29.47	179.3	491.2	220.0	33.36	17.44	21.29	17.32	110-120	179.9	7535	97.9,97.9
130	22.31	98.19	208.4	118.1	23.56	17.85	21.60	17.61	120-130	83.01	7618	99,99
140	18.05	55.55	106.8	62.34	18.46	17.95	21.41	17.91	130-140	40.24	7658	99.5,99.5
150	14.94	29.38	44.32	34.35	14.83	17.97	20.73	17.93	140-150	19.64	7678	99.8,99.8
160	13.75	13.73	21.82	15.50	13.63	17.43	19.41	17.53	150-160	9.346	7687	99.9,99.9
170	14.41	12.71	11.91	12.96	14.35	16.38	17.39	16.85	160-170	4.330	7691	100,100
180	14.77	14.85	14.79	15.37	14.79	14.84	14.80	15.38	170-180	1.409	7693	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:2024-02-22

□ 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

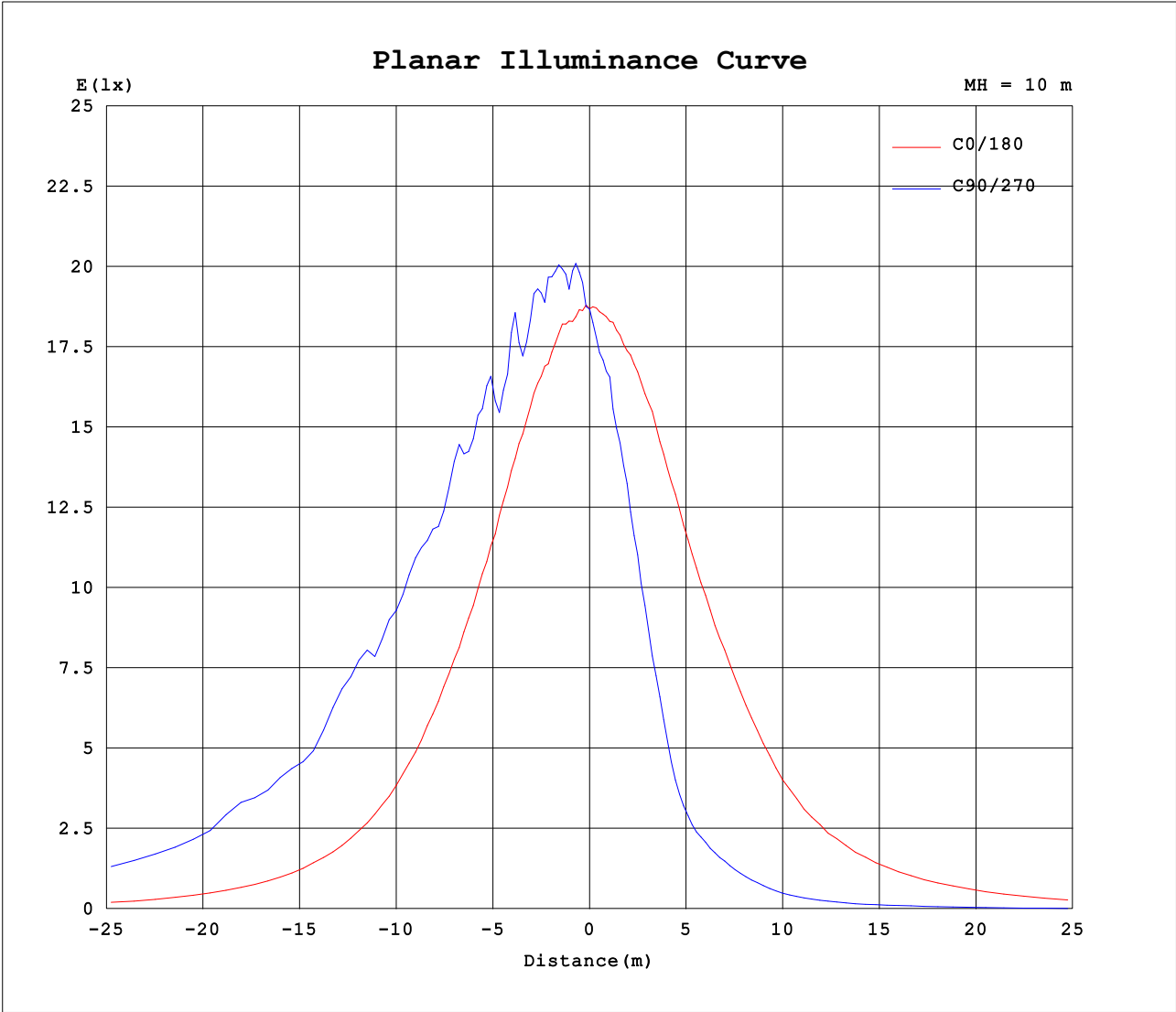
Test:U:120.4V I:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-22

☐ 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



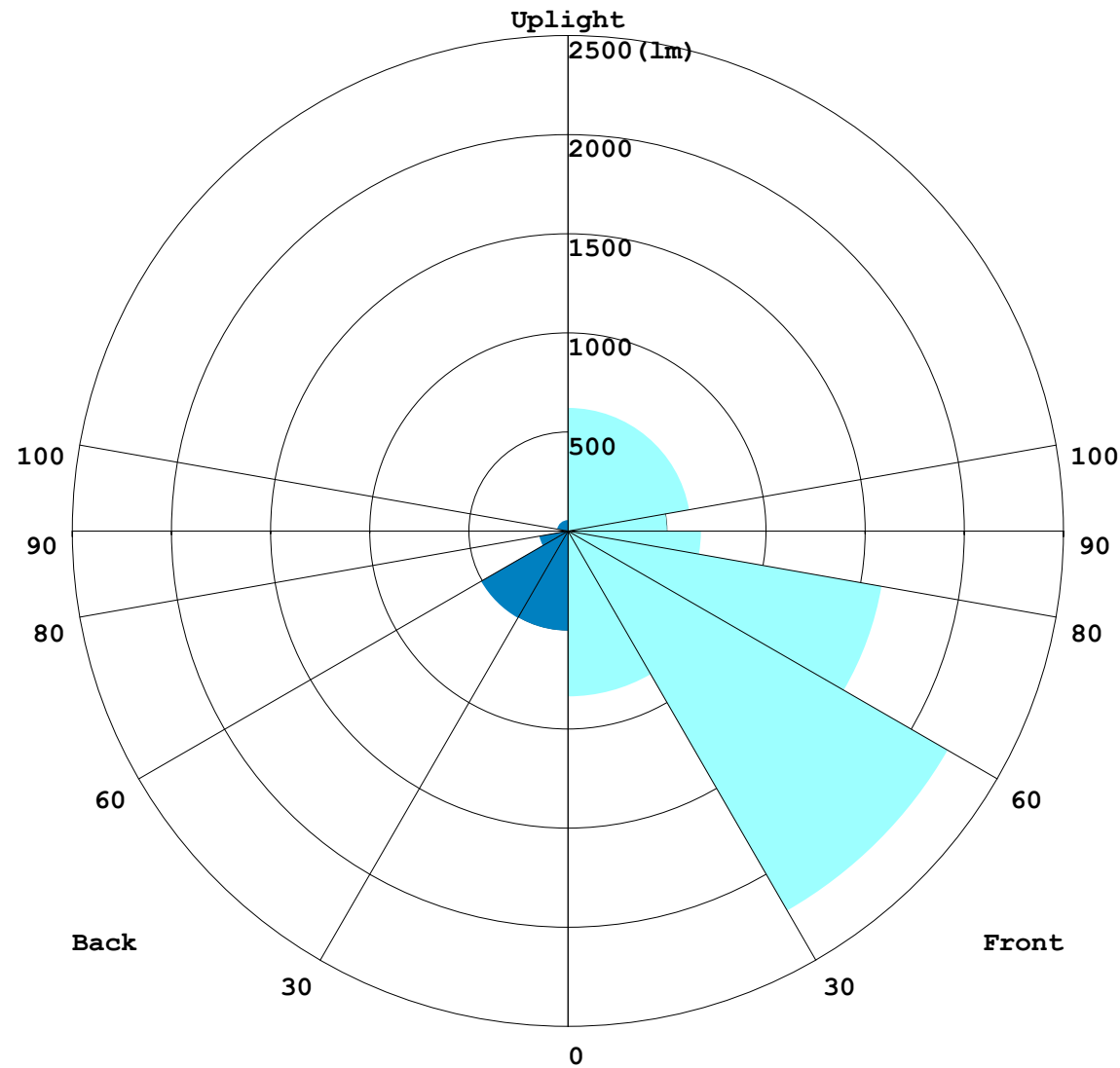
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-22

☐ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-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:2024-02-22

☐ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-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)	834.42	10.8
FM - Front-Medium(30-60)	2212.3	28.8
FH - Front-High(60-80)	1606.8	20.9
FVH - Front-Very High(80-90)	670.97	8.7
Total Forward Light	6446.3	83.8

BL - Back-Low(0-30)	503.19	6.5
BM - Back-Medium(30-60)	507.05	6.6
BH - Back-High(60-80)	146.08	1.9
BVH - Back-Very High(80-90)	21.037	0.3
Total Back Light	1246.4	16.2

UL - Uplight-Low(90-100)	514.83	6.7
UH - Uplight-High(100-180)	675.98	8.8
Total Up Light	1190.8	15.5

BUG(Back,Up,Glare) Rating	B2-U4-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1177.4	69.002	1246.4
Street Side	5324.5	1121.8	6446.3

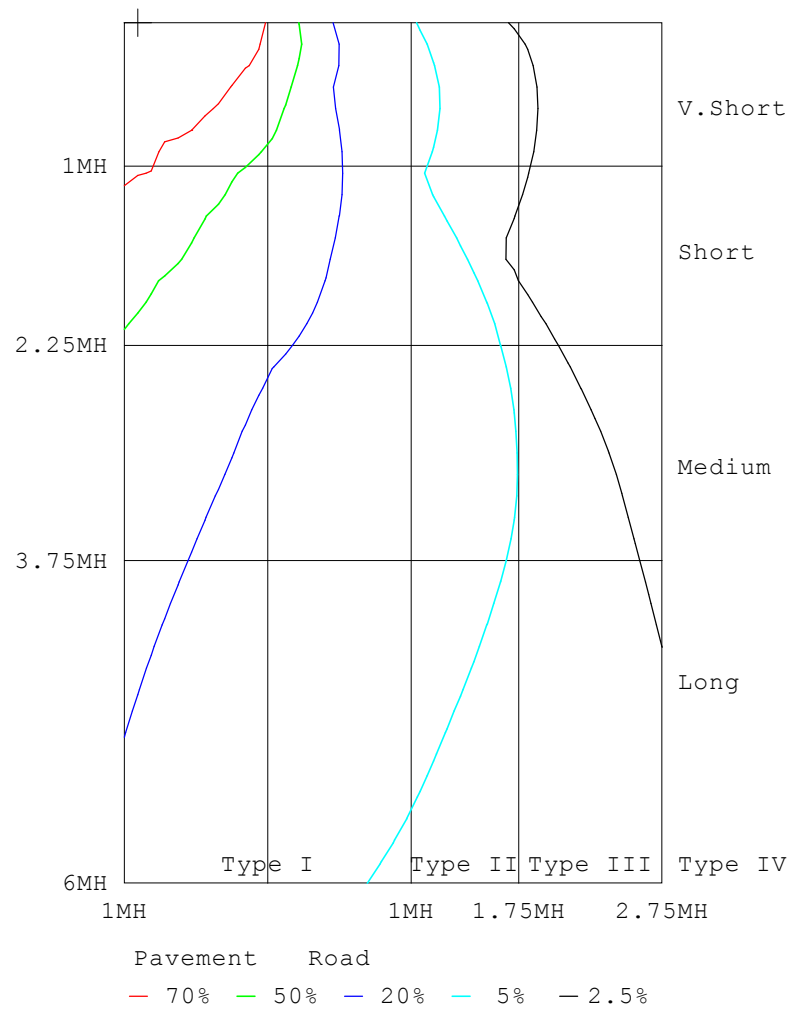
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2024-02-22

☐ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-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:2024-02-22

☐ 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:0.4163A P:50.01W PF:0.9976 Freq:59.98Hz Lamp Flux:7692.68x1 lm		
NAME: ASD-WLP01-50D50-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	1869	1868	1867	1862	1869	1868	1867	1862											
5	1851	1987	2010	2001	1865	1754	1694	1737											
10	1845	2000	2078	2002	1841	1621	1447	1581											
15	1816	2009	2142	2035	1819	1422	1124	1370											
20	1746	2024	2126	2044	1752	1173	795	1101											
25	1646	1942	2077	1964	1670	890	479	816											
30	1536	2083	2367	2098	1564	621	344	549											
35	1415	1981	2534	2075	1467	431	271	390											
40	1269	1993	2552	2018	1322	323	200	298											
45	1086	2061	2628	2041	1136	252	139	233											
50	918	1897	2918	2010	991	195	102	179											
55	759	1894	2609	1984	854	145	76.0	129											
60	608	1968	2768	2035	727	105	65.4	92.2											
65	474	1790	2543	1925	612	73.5	46.8	65.4											
70	324	1639	2477	1799	448	50.9	19.6	44.4											
75	186	1483	2455	1623	287	32.5	12.0	26.1											
80	124	1419	2456	1572	159	23.1	13.4	19.8											
85	85.8	1249	2044	1401	96.8	20.0	14.8	17.9											
90	61.9	1050	1937	1218	64.9	18.4	16.1	15.9											
95	50.7	853	1800	997	53.7	17.7	17.4	16.7											
100	43.8	676	1541	797	49.0	17.4	18.6	17.1											
105	39.0	523	1258	623	44.3	17.1	19.5	16.9											
110	35.9	376	1009	454	40.6	17.1	20.3	16.8											
115	33.0	255	731	313	38.4	17.2	20.9	17.0											
120	29.5	179	491	220	33.4	17.4	21.3	17.3											
125	25.5	130	320	159	26.9	17.7	21.5	17.5											
130	22.3	98.2	208	118	23.6	17.9	21.6	17.6											
135	20.1	74.7	149	85.8	20.9	17.9	21.5	17.7											
140	18.1	55.5	107	62.3	18.5	17.9	21.4	17.9											
145	16.3	41.2	64.0	47.4	16.3	18.0	21.2	18.0											
150	14.9	29.4	44.3	34.4	14.8	18.0	20.7	17.9											
155	14.2	19.2	31.8	22.7	13.9	17.8	20.2	17.7											
160	13.8	13.7	21.8	15.5	13.6	17.4	19.4	17.5											
165	14.0	11.6	14.7	12.4	13.9	17.0	18.5	17.3											
170	14.4	12.7	11.9	13.0	14.3	16.4	17.4	16.8											
175	14.7	13.8	13.3	14.2	14.7	15.7	16.1	16.2											
180	14.8	14.8	14.8	15.4	14.8	14.8	14.8	15.4											

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-22

□ 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: