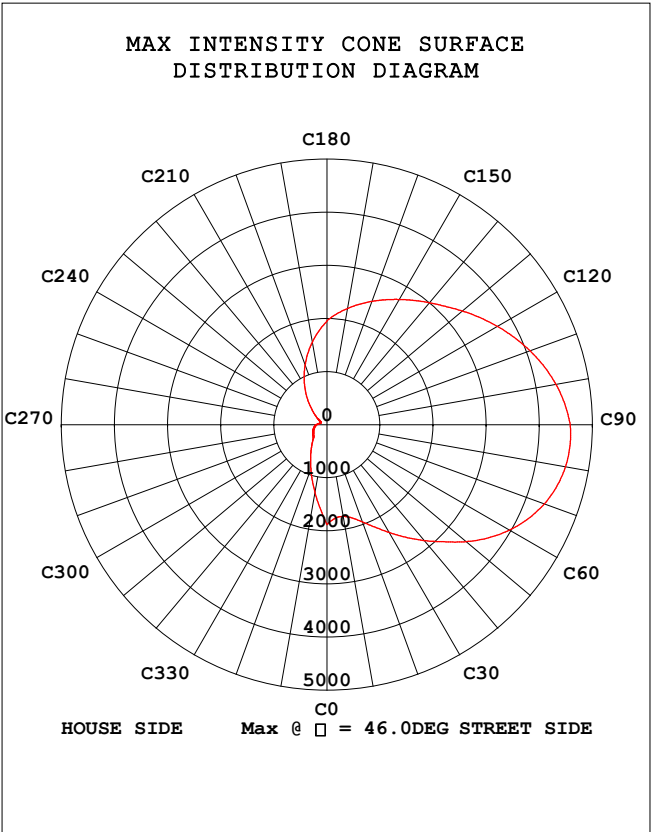
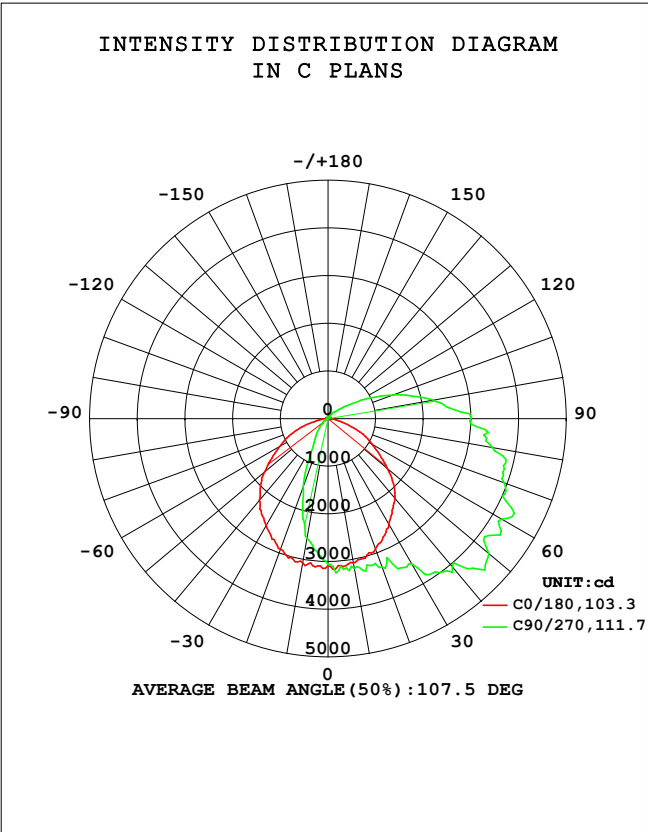


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm					
NAME: ASD-WLP01-80A-PC			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: ASD Lighting Corp.			SUR.:0.27*0.17		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 153.72 lm/W
MODEL		Imax(cd)	4579	□ street_up(%)	13.5	
NOMINAL POWER(W)	80	LOR(%)	100.0	□ street_down(%)	69.3	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	12213	□ house_up(%)	0.8	
NOMINAL FLUX(lm)	12213.3	MAXIMUM @ (C,□)	90,46.0	□ house_down(%)	16.4	
LAMPS INSIDE	1	□ up(%)	14.3	76 FLASHAREA(m2)	0.05000	
TEST VOLTAGE(V)	120	□ down(%)	85.7	SLI	20.458	

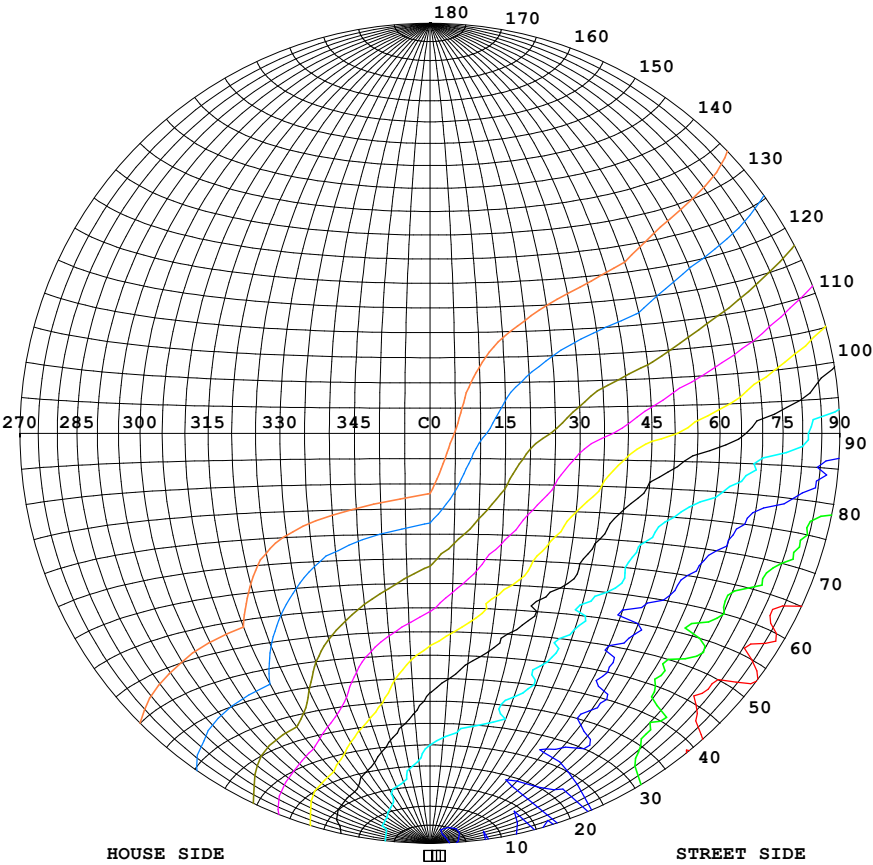


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

□ 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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



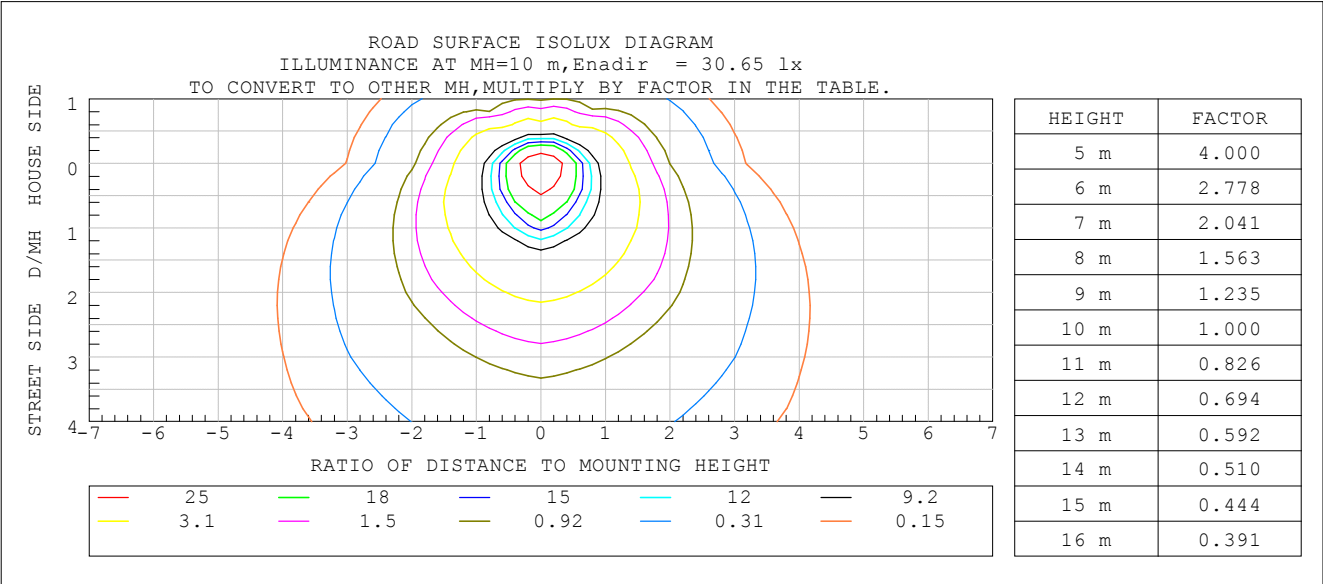
Classification:
IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:286.4cd/klm
Max.At90:245.7cd/klm
Max.80-90:286.4cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4579
90%	4121
80%	3664
70%	3206
60%	2748
50%	2290
40%	1832
30%	1374
20%	916
10%	458
5%	229

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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:

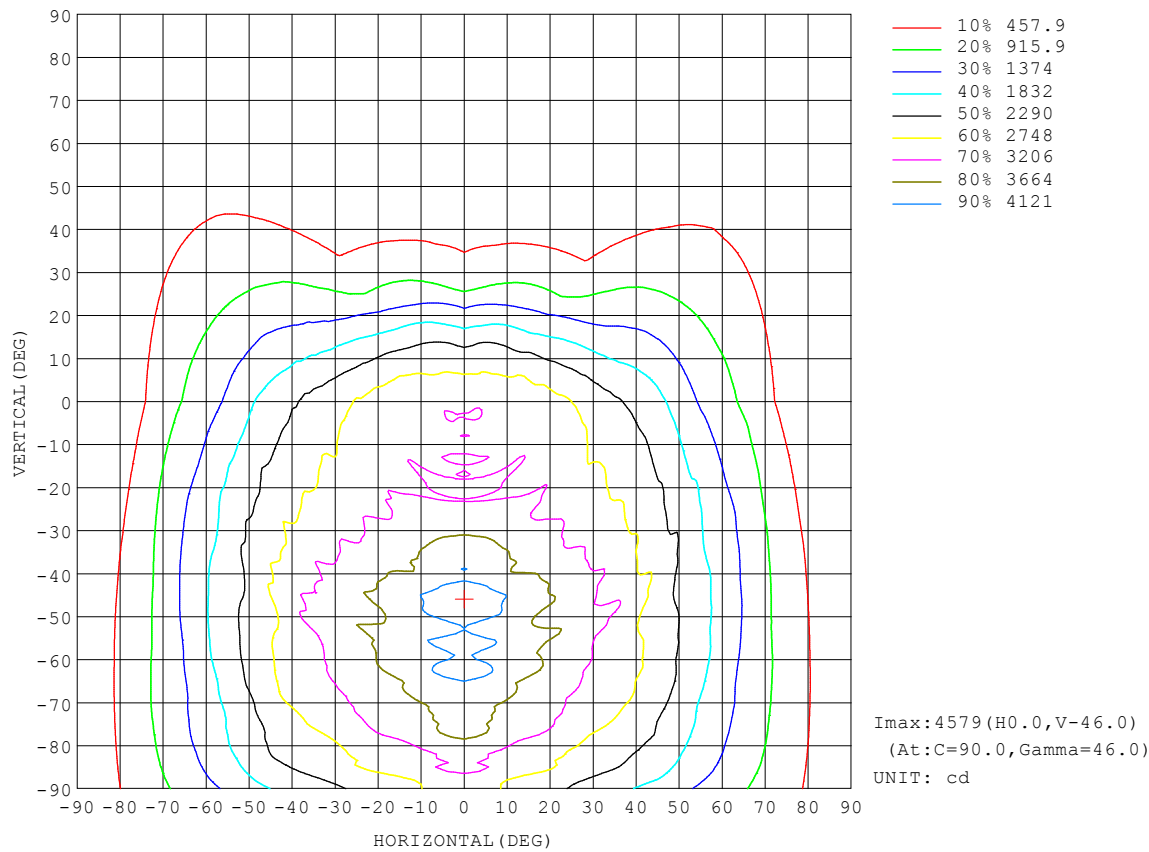
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	3078	3161	3191	3100	3079	2681	2554	2694	0- 10	287.2	287.2	2.35,2.35
20	2912	3163	3321	3160	2918	2094	1532	2014	10- 20	789.6	1077	8.82,8.82
30	2552	3083	3515	3121	2591	1227	601.3	1163	20- 30	1118	2194	18,18
40	2187	3039	4053	3085	2252	565.9	328.8	522.3	30- 40	1329	3523	28.8,28.8
50	1627	3203	4415	3249	1738	310.0	155.6	290.1	40- 50	1516	5039	41.3,41.3
60	1064	2958	4208	3191	1176	160.7	83.66	147.8	50- 60	1560	6599	54,54
70	574.8	2726	3933	2883	688.3	73.22	36.29	69.68	60- 70	1490	8090	66.2,66.2
80	180.7	2310	3498	2424	211.6	30.03	20.05	29.31	70- 80	1308	9398	76.9,76.9
90	54.49	1666	3000	1839	59.11	24.72	24.44	24.54	80- 90	1066	10464	85.7,85.7
100	41.40	1064	2250	1211	40.84	24.40	28.37	23.93	90-100	771.7	11236	92,92
110	43.22	544.5	1461	644.3	46.61	25.42	31.32	25.45	100-110	493.0	11729	96,96
120	41.53	258.4	718.3	302.3	42.86	26.62	32.93	26.46	110-120	260.2	11989	98.2,98.2
130	34.50	132.1	306.3	152.0	35.33	27.86	33.71	27.54	120-130	119.5	12109	99.1,99.1
140	27.80	63.39	155.8	68.13	27.36	28.67	33.67	28.40	130-140	55.46	12164	99.6,99.6
150	23.27	36.88	54.52	39.62	22.90	28.87	32.96	28.71	140-150	26.73	12191	99.8,99.8
160	22.10	20.37	28.53	21.86	22.03	28.15	31.17	28.35	150-160	13.46	12204	99.9,99.9
170	23.43	20.71	19.44	21.18	23.41	26.57	28.15	27.15	160-170	6.845	12211	100,100
180	24.08	24.08	24.00	24.85	24.07	24.10	24.02	24.88	170-180	2.288	12213	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

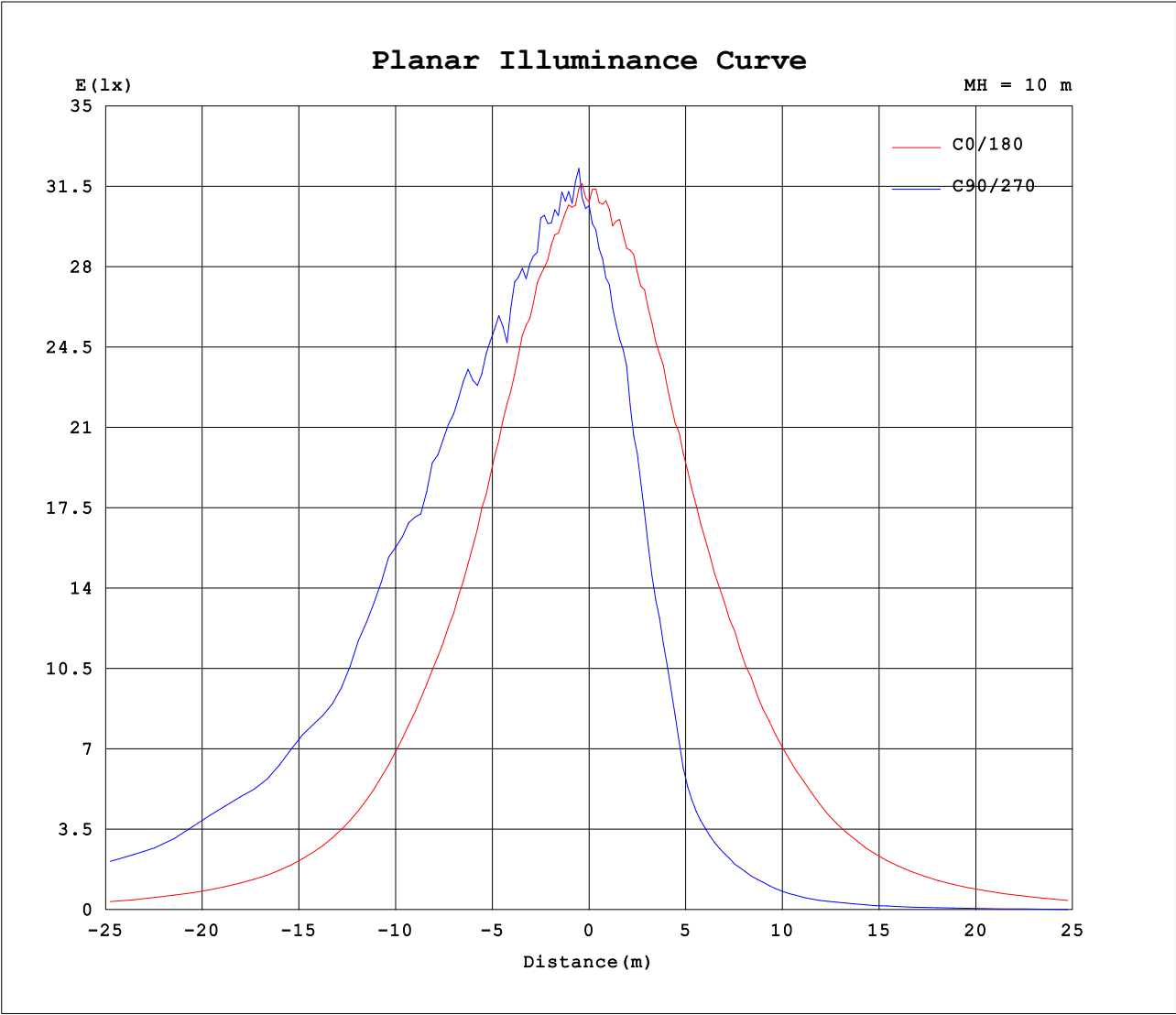
Test:U:120.4V I:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-PC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.:0.27*0.17	Shielding Angle:



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



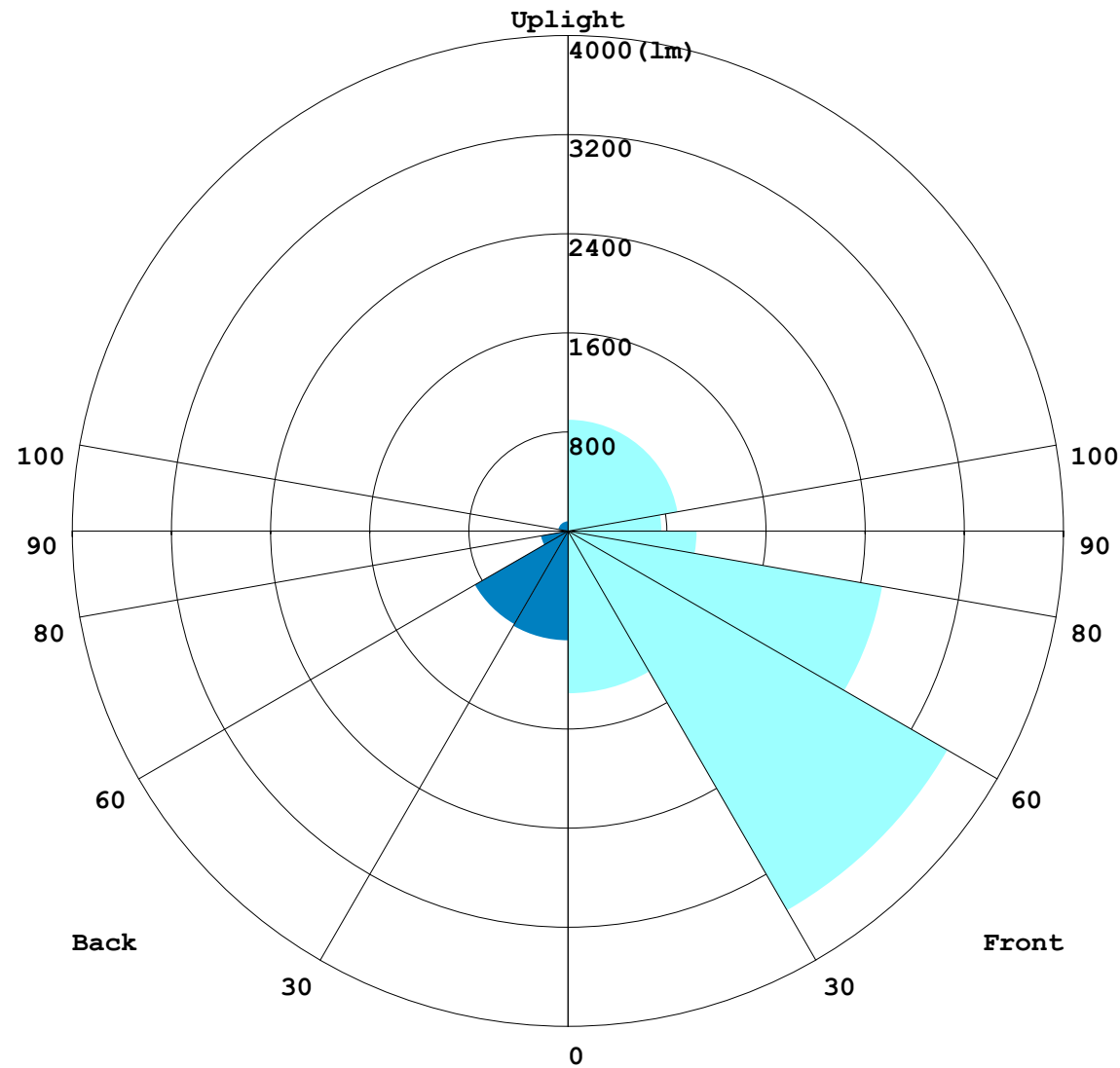
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-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)	1311.5	10.7
FM - Front-Medium(30-60)	3537	29.0
FH - Front-High(60-80)	2577.2	21.1
FVH - Front-Very High(80-90)	1039.5	8.5
Total Forward Light	10119	82.9

BL - Back-Low(0-30)	882.94	7.2
BM - Back-Medium(30-60)	867.96	7.1
BH - Back-High(60-80)	221.36	1.8
BVH - Back-Very High(80-90)	26.707	0.2
Total Back Light	2094.4	17.1

UL - Uplight-Low(90-100)	771.65	6.3
UH - Uplight-High(100-180)	977.52	8.0
Total Up Light	1749.2	14.3

BUG(Back,Up,Glare) Rating	B2-U4-G?
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1999	95.461	2094.4
Street Side	8465.2	1653.7	10119

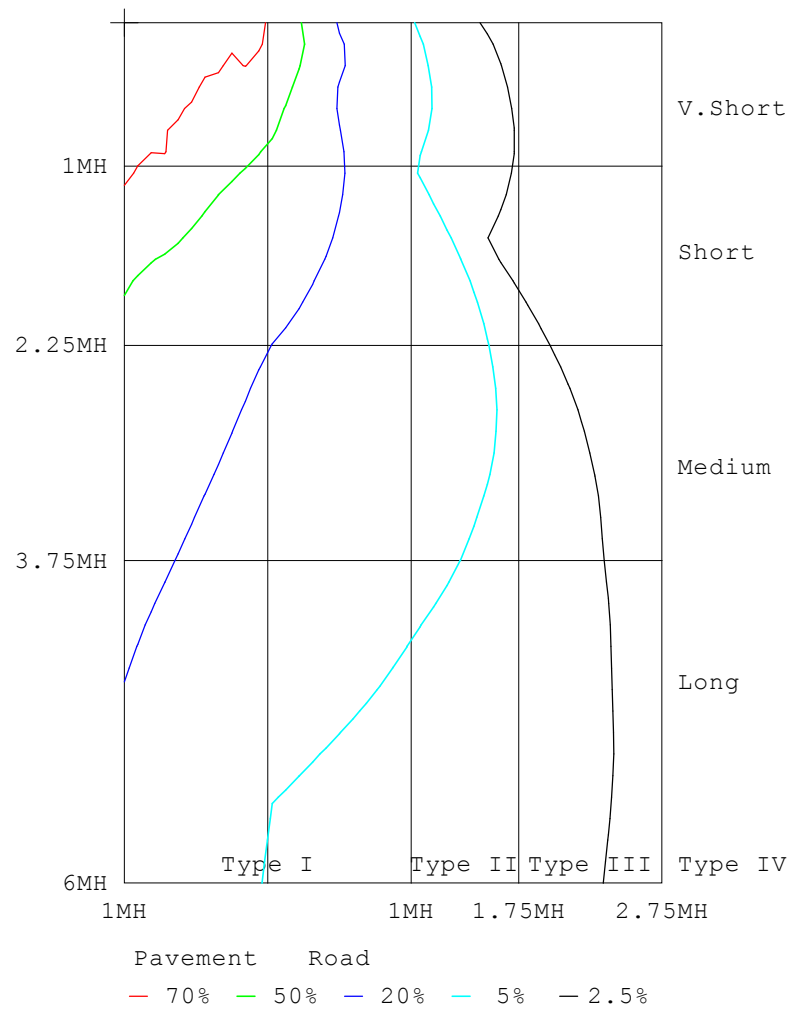
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2024-02-20

☐ 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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm		
NAME: ASD-WLP01-80A-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:0.6615A P:79.45W PF:0.9974 Freq:59.98Hz Lamp Flux:12213.3x1 lm									
NAME: ASD-WLP01-80A-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	3082	3071	3066	3064	3082	3071	3066	3064										
5	3096	3245	3112	3273	3123	2880	2784	2875										
10	3078	3161	3191	3100	3079	2681	2554	2694										
15	3030	3164	3178	3138	3014	2490	2068	2472										
20	2912	3163	3321	3160	2918	2094	1532	2014										
25	2746	3052	3476	3095	2792	1634	983	1564										
30	2552	3083	3515	3121	2591	1227	601	1163										
35	2349	3162	3930	3191	2441	799	448	740										
40	2187	3039	4053	3085	2252	566	329	522										
45	1951	3114	4467	3167	2004	421	229	392										
50	1627	3203	4415	3249	1738	310	156	290										
55	1322	3075	4267	3256	1441	224	116	210										
60	1064	2958	4208	3191	1176	161	83.7	148										
65	847	2848	4126	2986	946	111	66.5	103										
70	575	2726	3933	2883	688	73.2	36.3	69.7										
75	329	2571	3812	2711	404	45.5	17.9	42.6										
80	181	2310	3498	2424	212	30.0	20.0	29.3										
85	95.6	2084	3370	2273	115	25.7	22.2	25.1										
90	54.5	1666	3000	1839	59.1	24.7	24.4	24.5										
95	42.0	1358	2566	1504	43.6	24.0	26.5	23.2										
100	41.4	1064	2250	1211	40.8	24.4	28.4	23.9										
105	42.6	784	1841	901	44.1	24.9	30.0	25.2										
110	43.2	544	1461	644	46.6	25.4	31.3	25.4										
115	43.2	373	1077	444	46.5	25.9	32.3	25.9										
120	41.5	258	718	302	42.9	26.6	32.9	26.5										
125	38.0	184	473	216	39.3	27.3	33.4	27.0										
130	34.5	132	306	152	35.3	27.9	33.7	27.5										
135	31.1	90.0	210	103	30.9	28.3	33.8	28.0										
140	27.8	63.4	156	68.1	27.4	28.7	33.7	28.4										
145	25.1	50.1	85.6	51.7	24.8	28.9	33.4	28.7										
150	23.3	36.9	54.5	39.6	22.9	28.9	33.0	28.7										
155	22.3	25.9	40.4	28.6	22.0	28.6	32.2	28.6										
160	22.1	20.4	28.5	21.9	22.0	28.1	31.2	28.3										
165	22.8	19.0	21.3	19.5	22.7	27.5	29.9	27.9										
170	23.4	20.7	19.4	21.2	23.4	26.6	28.2	27.2										
175	23.9	22.4	21.7	23.1	23.9	25.4	26.1	26.1										
180	24.1	24.1	24.0	24.8	24.1	24.1	24.0	24.9										

C Range: 0 - 360DEG	□ Range: 0 - 180DEG
C Interval: 45.0DEG	□ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Temperature:27DEG	Humidity:56%
Operators:lianghaizhu	Test Distance:6.500m [K=1.0000]
Test Date:2024-02-20	Remarks: