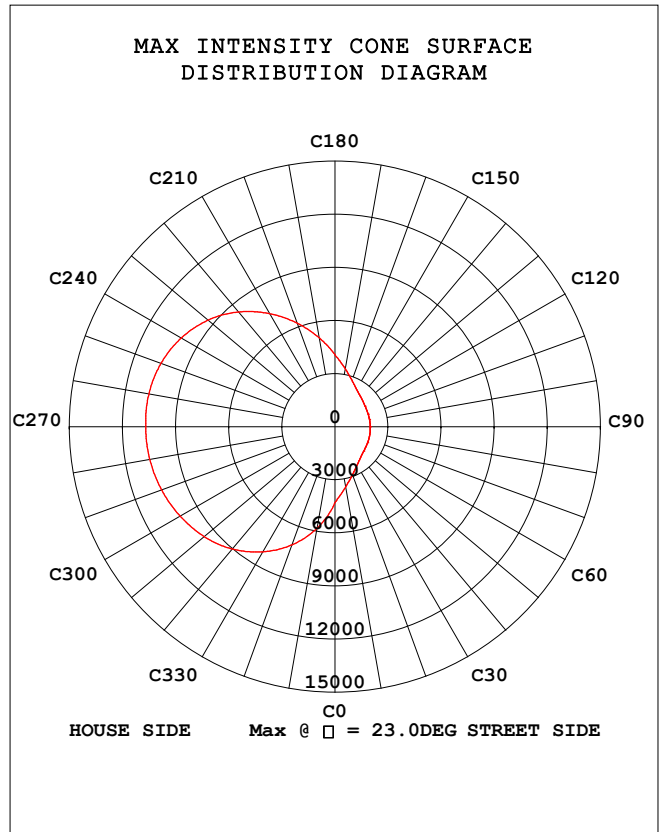
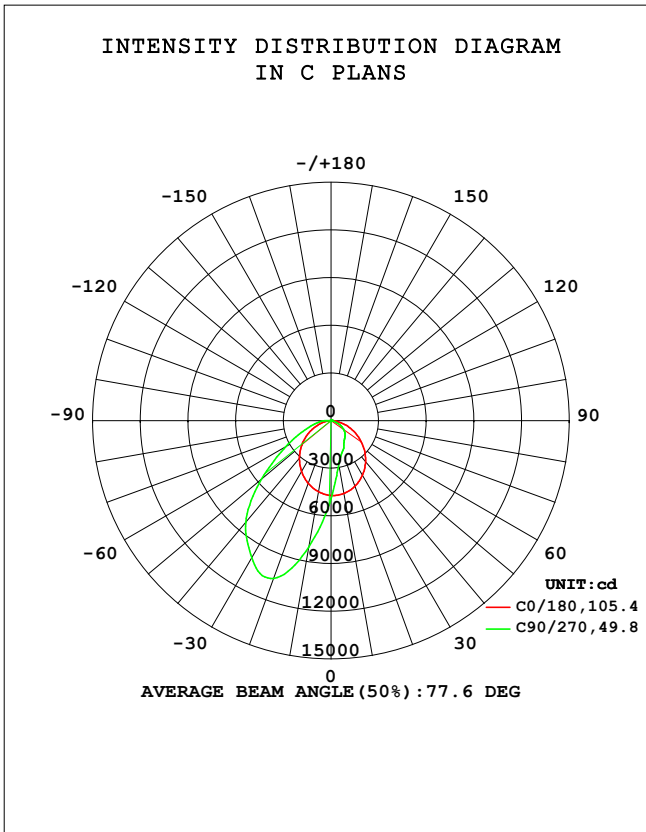


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.4V I:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: ASD-WLP03-A120DAC-BR-120W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.35 lm/W			
MODEL		Imax(cd)	10692	<input type="checkbox"/> street_up(%)	0.6
NOMINAL POWER(W)	120	LOR(%)	98.3	<input type="checkbox"/> street_down(%)	23.1
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	15930	<input type="checkbox"/> house_up(%)	0.6
NOMINAL FLUX(lm)	16198.2	MAXIMUM @ (C, <input type="checkbox"/>)	270,23.0	<input type="checkbox"/> house_down(%)	74.1
LAMPS INSIDE	1	<input type="checkbox"/> up(%)	1.2	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	<input type="checkbox"/> down(%)	97.2	SLI	22.210

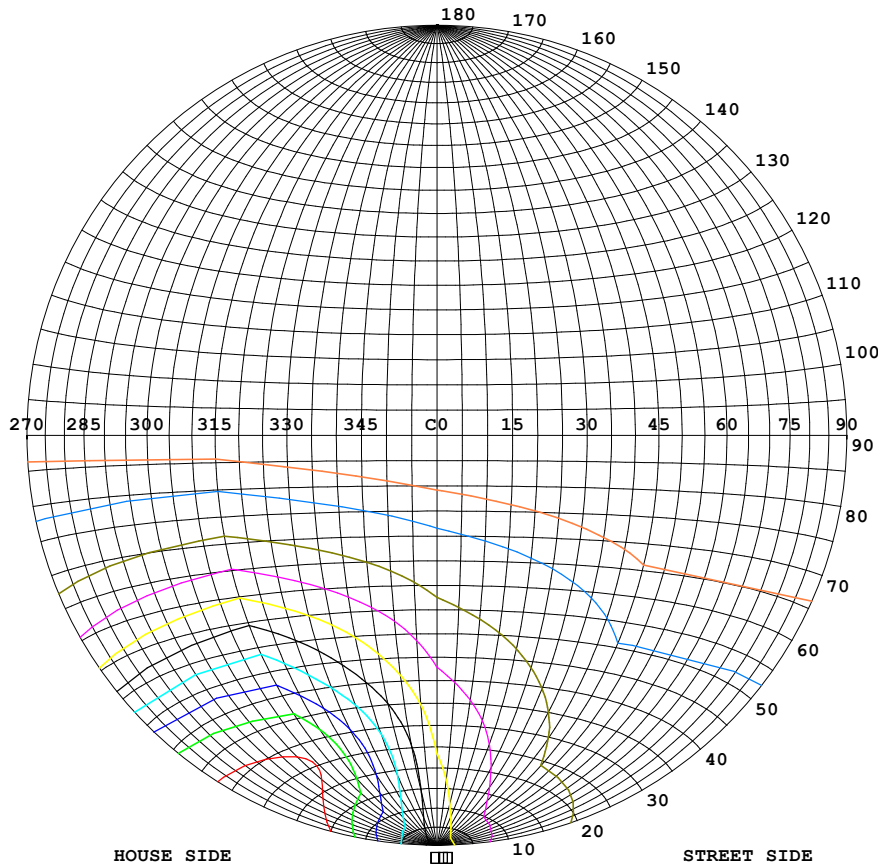


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: lianghaizhu
 Test Date: 2023-6-5

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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:



Classification:

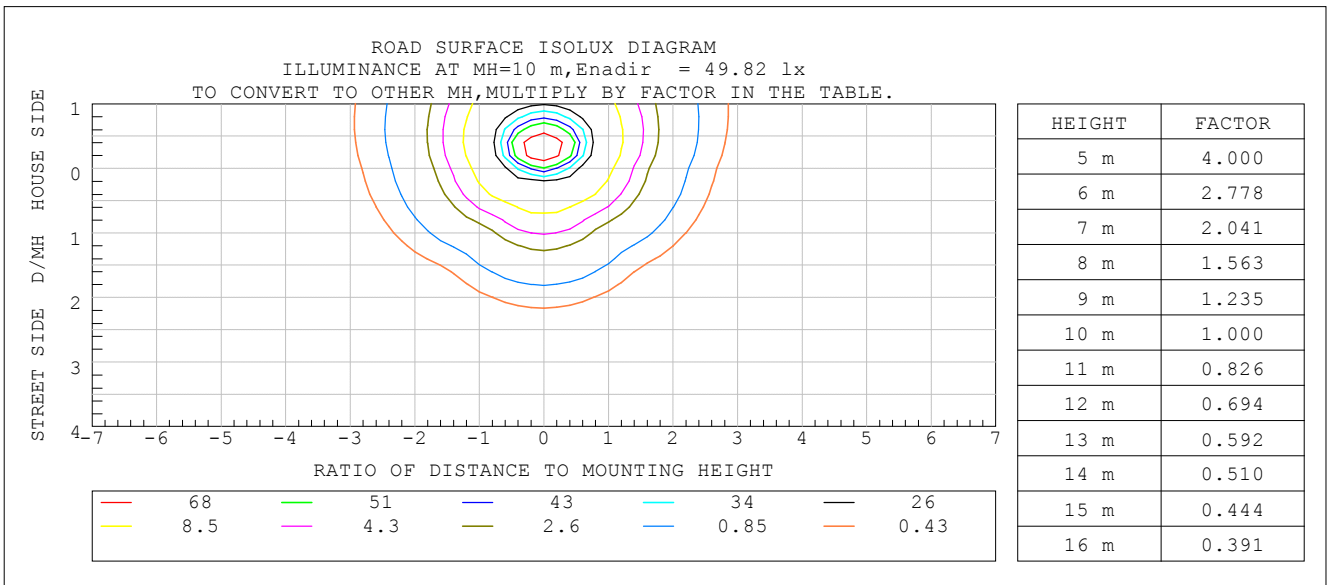
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:64.07cd/klm
 Max.At90:21.67cd/klm
 Max.80-90:64.07cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	10692
90%	9622
80%	8553
70%	7484
60%	6415
50%	5346
40%	4277
30%	3207
20%	2138
10%	1069
5%	535

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-6-5

□ 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: 2023-6-5

□ 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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

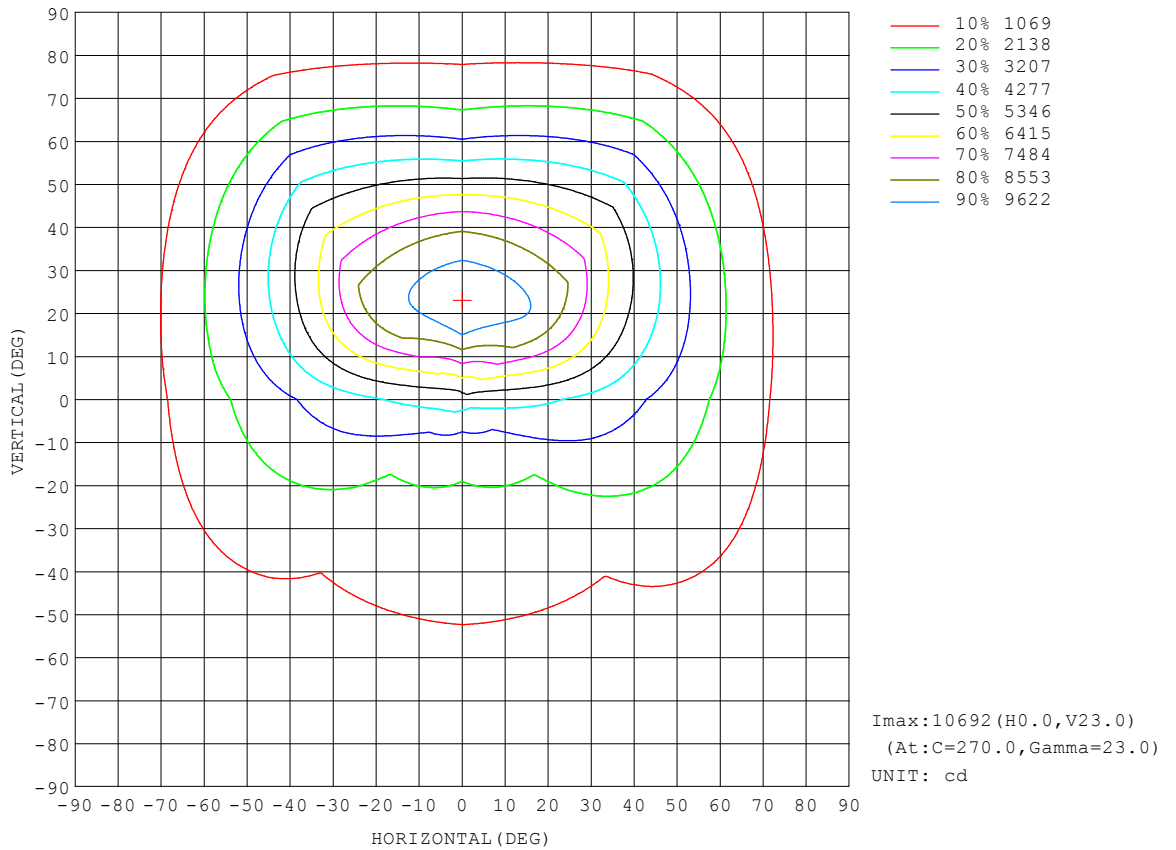
°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum,lamp
10	466.0	318.7	283.5	330.5	455.3	674.9	805.8	718.0	0- 10	473.8	473.8	2.97,2.92
20	440.3	234.4	210.2	235.6	420.8	860.1	1056	907.7	10- 20	1503	1977	12.4,12.2
30	397.0	190.1	164.8	188.2	371.4	907.7	997.4	930.5	20- 30	2492	4469	28.1,27.6
40	339.3	148.9	136.8	146.4	310.7	779.4	835.9	787.5	30- 40	3004	7473	46.9,46.1
50	270.4	110.0	114.0	107.6	241.8	608.3	570.6	617.6	40- 50	2959	10431	65.5,64.4
60	194.8	75.19	79.96	72.93	167.4	421.1	329.4	422.0	50- 60	2457	12888	80.9,79.6
70	118.5	38.66	36.55	36.15	96.28	236.2	179.2	236.8	60- 70	1681	14569	91.5,89.9
80	48.08	5.945	1.915	4.387	33.07	101.1	91.82	103.8	70- 80	873.4	15442	96.9,95.3
90	1.186	1.168	1.093	1.136	0.7546	23.47	35.09	25.92	80- 90	294.8	15737	98.8,97.2
100	0.9805	1.815	1.822	1.810	1.113	0.5110	2.119	0.4206	90-100	56.85	15794	99.1,97.5
110	1.416	2.570	2.769	2.605	1.591	0.7202	0.5696	0.6295	100-110	14.46	15809	99.2,97.6
120	1.912	3.333	3.795	3.424	2.113	0.9978	0.7757	0.9198	110-120	18.64	15827	99.4,97.7
130	2.448	3.990	4.680	4.160	2.682	1.385	1.055	1.324	120-130	21.83	15849	99.5,97.8
140	3.003	4.470	5.189	4.737	3.268	1.930	1.487	1.896	130-140	23.04	15872	99.6,98
150	3.519	4.732	5.376	5.105	3.796	2.603	2.146	2.632	140-150	21.90	15894	99.8,98.1
160	4.034	4.888	5.426	5.317	4.307	3.396	3.062	3.472	150-160	18.35	15912	99.9,98.2
170	4.557	5.011	5.455	5.349	4.719	4.212	4.141	4.307	160-170	12.67	15925	100,98.3
180	4.842	4.827	5.041	5.002	4.854	4.819	5.045	4.999	170-180	4.598	15930	100,98.3
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-6-5

□ 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

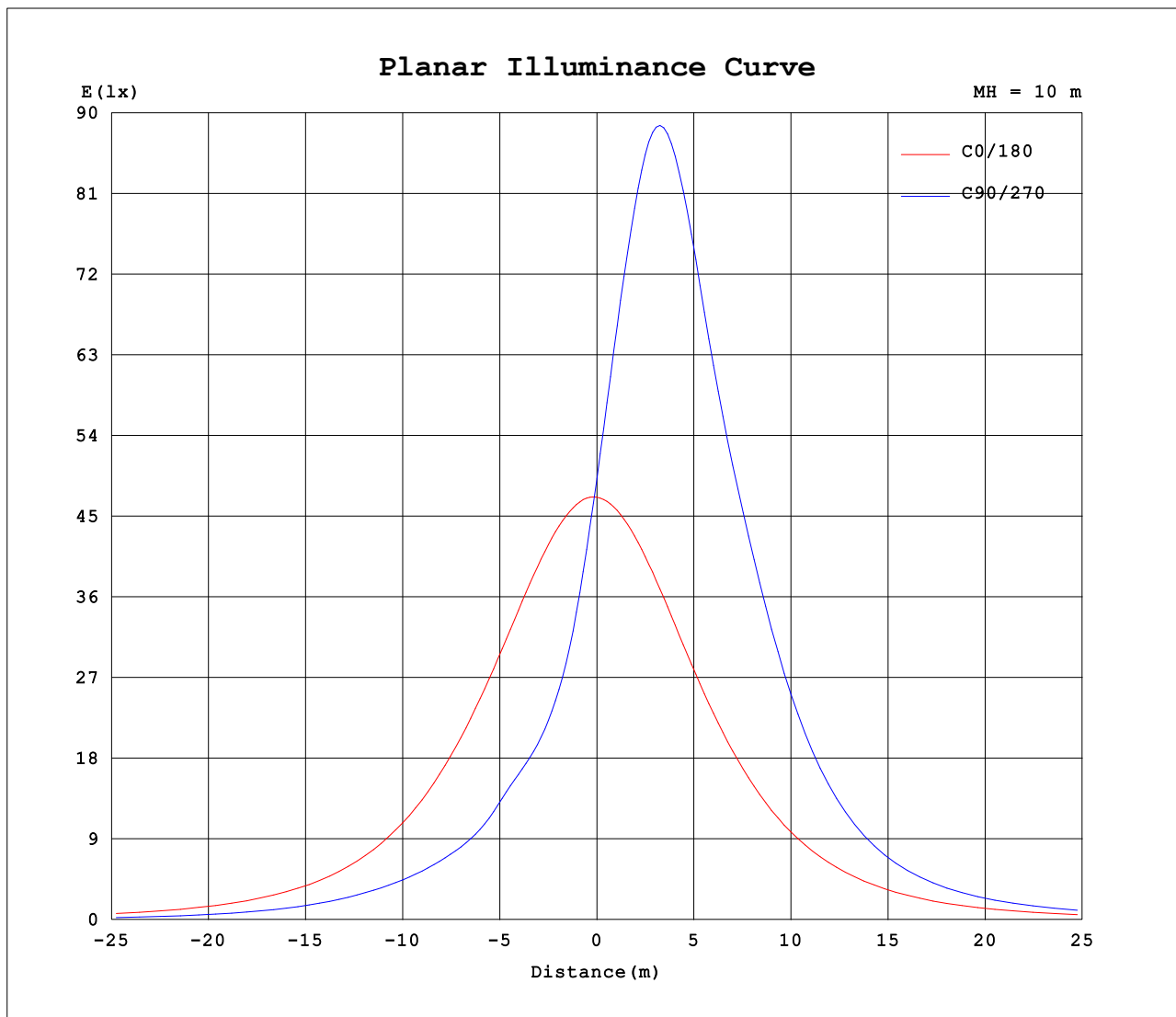
Test:U:120.4V I:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-6-5

□ 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



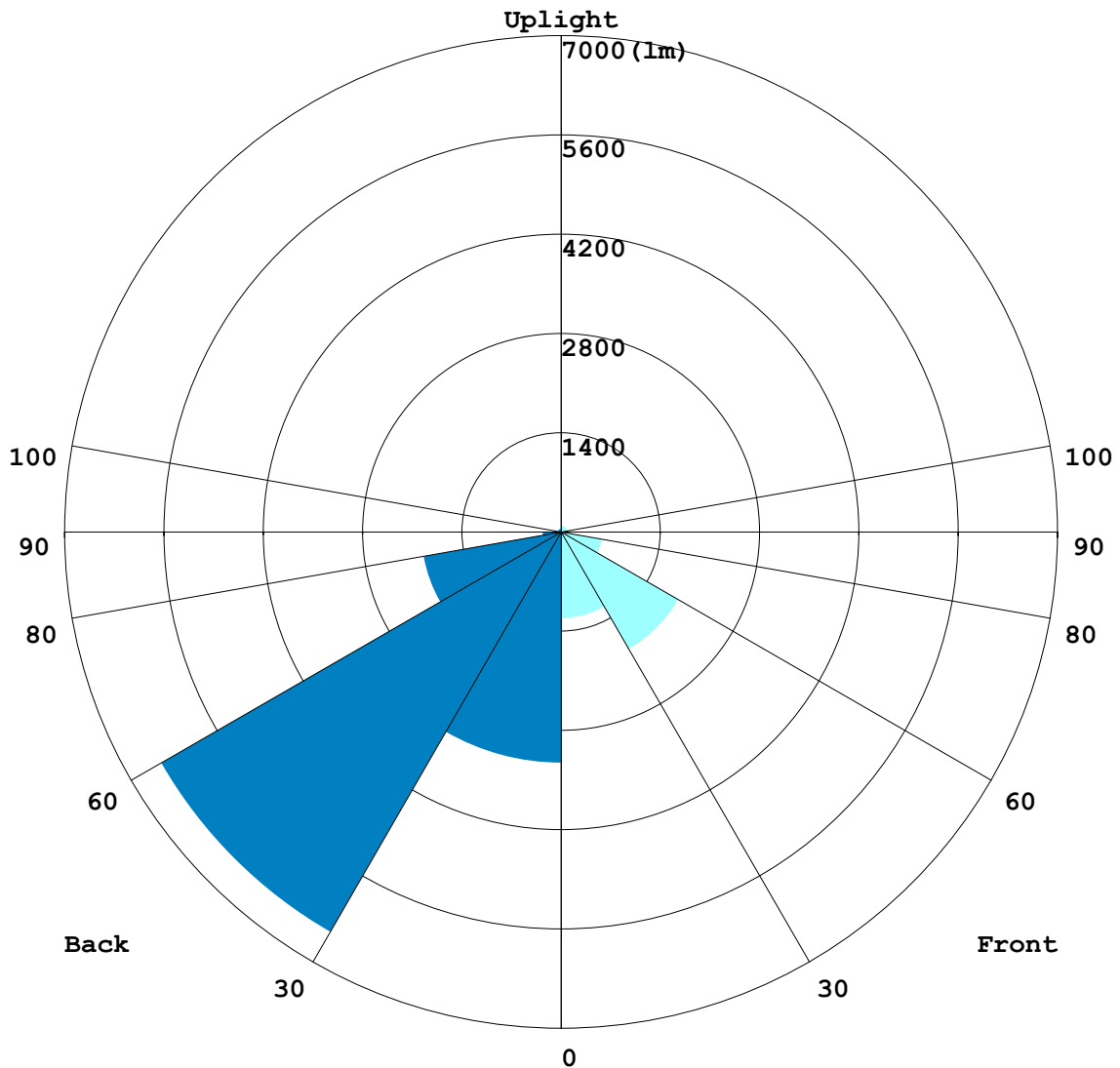
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 27DEG
 Operators: lianghaizhu
 Test Date: 2023-6-5

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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-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:2023-6-5

□ 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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-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)	1213.8	7.6
FM - Front-Medium(30-60)	1905.3	12.0
FH - Front-High(60-80)	587.61	3.7
FVH - Front-Very High(80-90)	33.603	0.2
Total Forward Light	3837.6	24.1

BL - Back-Low(0-30)	3255.4	20.4
BM - Back-Medium(30-60)	6513.5	40.9
BH - Back-High(60-80)	1966.9	12.3
BVH - Back-Very High(80-90)	261.2	1.6
Total Back Light	12092	75.9

UL - Uplight-Low(90-100)	56.849	0.4
UH - Uplight-High(100-180)	135.49	0.9
Total Up Light	192.33	1.2

BUG(Back,Up,Glare) Rating	B4-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11997	95.048	12092
Street Side	3740.3	97.286	3837.6

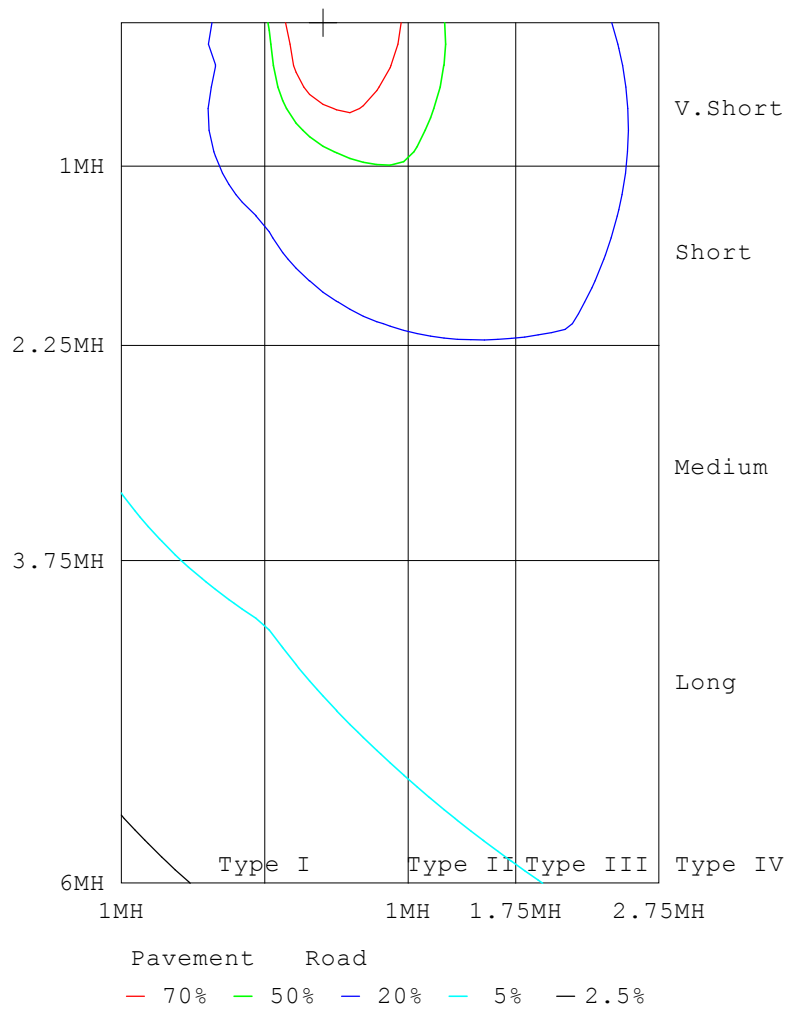
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:27DEG
Operators:lianghaizhu
Test Date:2023-6-5

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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-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:2023-6-5

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:0.9970A P:119.5W PF:0.9952 Freq:59.98Hz Lamp Flux:16198.2x1 lm		
NAME: SD-WLP03-A120DAC-BR-120W-5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:0.3*0.09m	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) □ (DEG)	0	45	90	135	180	225	270	315										
0	471	476	492	504	471	476	492	504										
5	471	390	369	409	466	573	642	609										
10	466	319	283	330	455	675	806	718										
15	456	268	236	274	440	774	963	822										
20	440	234	210	236	421	860	1056	908										
25	421	209	192	209	398	910	1061	946										
30	397	190	165	188	371	908	997	930										
35	370	170	148	168	342	859	923	871										
40	339	149	137	146	311	779	836	787										
45	306	128	126	126	277	693	712	703										
50	270	110	114	108	242	608	571	618										
55	233	92.7	98.3	90.4	206	518	437	523										
60	195	75.2	80.0	72.9	167	421	329	422										
65	156	57.2	58.5	55.0	131	325	246	325										
70	119	38.7	36.6	36.1	96.3	236	179	237										
75	82.1	20.6	15.7	18.6	63.1	161	129	163										
80	48.1	5.94	1.92	4.39	33.1	101	91.8	104										
85	19.2	0.91	0.83	0.87	8.38	54.9	62.3	58.4										
90	1.19	1.17	1.09	1.14	0.75	23.5	35.1	25.9										
95	0.80	1.47	1.43	1.45	0.90	6.18	18.1	7.66										
100	0.98	1.82	1.82	1.81	1.11	0.51	2.12	0.42										
105	1.19	2.19	2.28	2.20	1.35	0.61	0.48	0.51										
110	1.42	2.57	2.77	2.61	1.59	0.72	0.57	0.63										
115	1.66	2.96	3.28	3.02	1.84	0.85	0.67	0.76										
120	1.91	3.33	3.80	3.42	2.11	1.00	0.78	0.92										
125	2.18	3.68	4.27	3.81	2.39	1.17	0.90	1.10										
130	2.45	3.99	4.68	4.16	2.68	1.39	1.06	1.32										
135	2.73	4.25	4.99	4.47	2.97	1.63	1.24	1.58										
140	3.00	4.47	5.19	4.74	3.27	1.93	1.49	1.90										
145	3.27	4.63	5.31	4.95	3.55	2.26	1.79	2.25										
150	3.52	4.73	5.38	5.11	3.80	2.60	2.15	2.63										
155	3.77	4.81	5.40	5.22	4.03	2.96	2.56	3.04										
160	4.03	4.89	5.43	5.32	4.31	3.40	3.06	3.47										
165	4.32	4.97	5.46	5.37	4.56	3.84	3.61	3.90										
170	4.56	5.01	5.45	5.35	4.72	4.21	4.14	4.31										
175	4.74	4.97	5.32	5.23	4.82	4.54	4.63	4.68										
180	4.84	4.83	5.04	5.00	4.85	4.82	5.04	5.00										

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-6-5

□ 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: