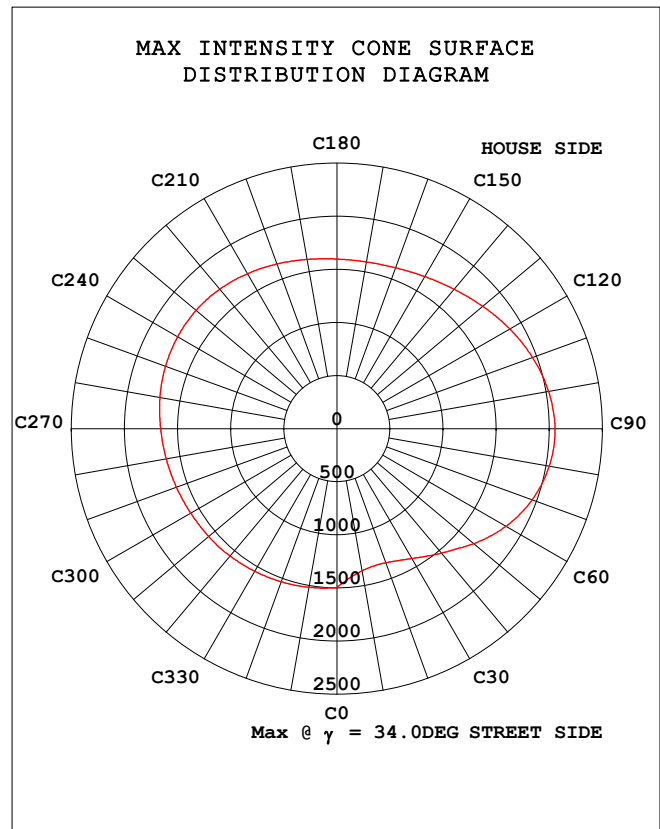
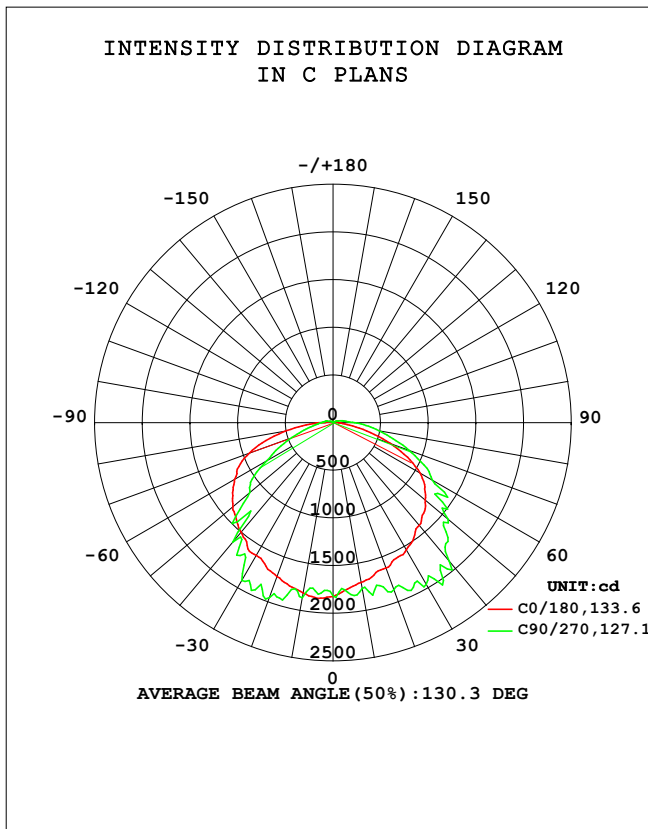


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155,61 lm/W			
MODEL	ASD-WLP01S-50DAC-3000K	Imax (cd)	2054	η street_up (%)	2.5
NOMINAL POWER (W)	50	LOR (%)	100.0	η street_down (%)	57.5
RATED VOLTAGE (V)	120-277	TOTAL FLUX (lm)	7500	η house_up (%)	1.7
NOMINAL FLUX (lm)	7500	MAXIMUM @ (C, γ)	90, 34.0	η house_down (%)	38.2
LAMPS INSIDE	1	η up (%)	4.2	76 FLASHAREA (m2)	
TEST VOLTAGE (V)	120	η down (%)	95.8	SLI	

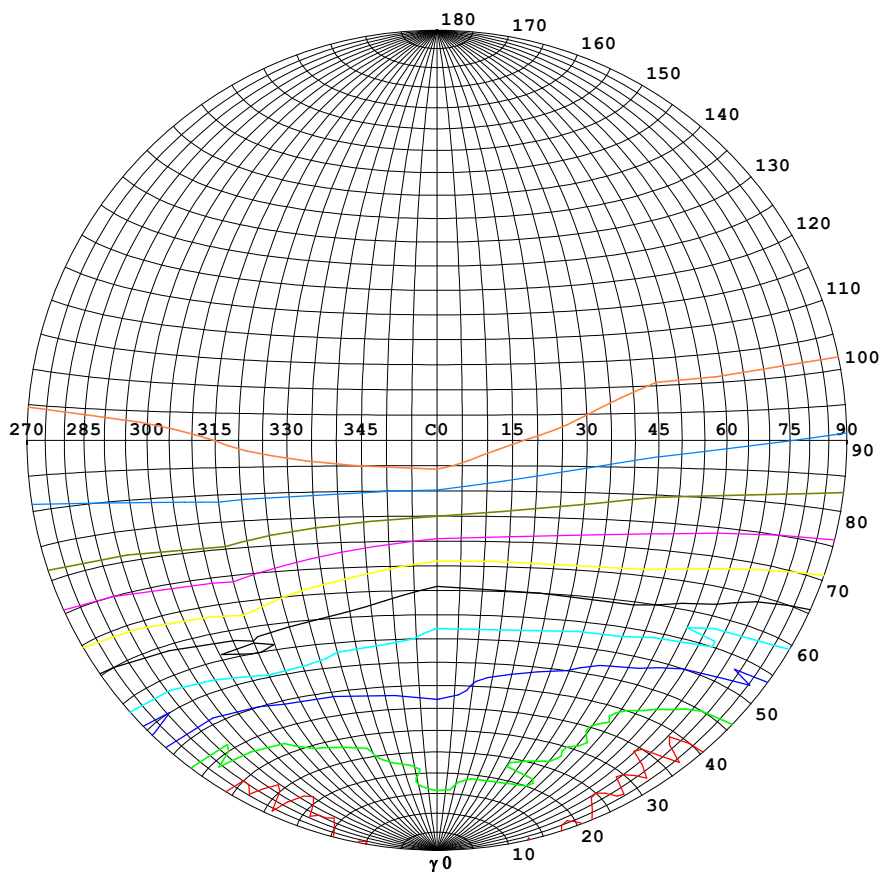


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: wudashuai
Test Date: 2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 51%
Test Distance: 6.500m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:



Classification:

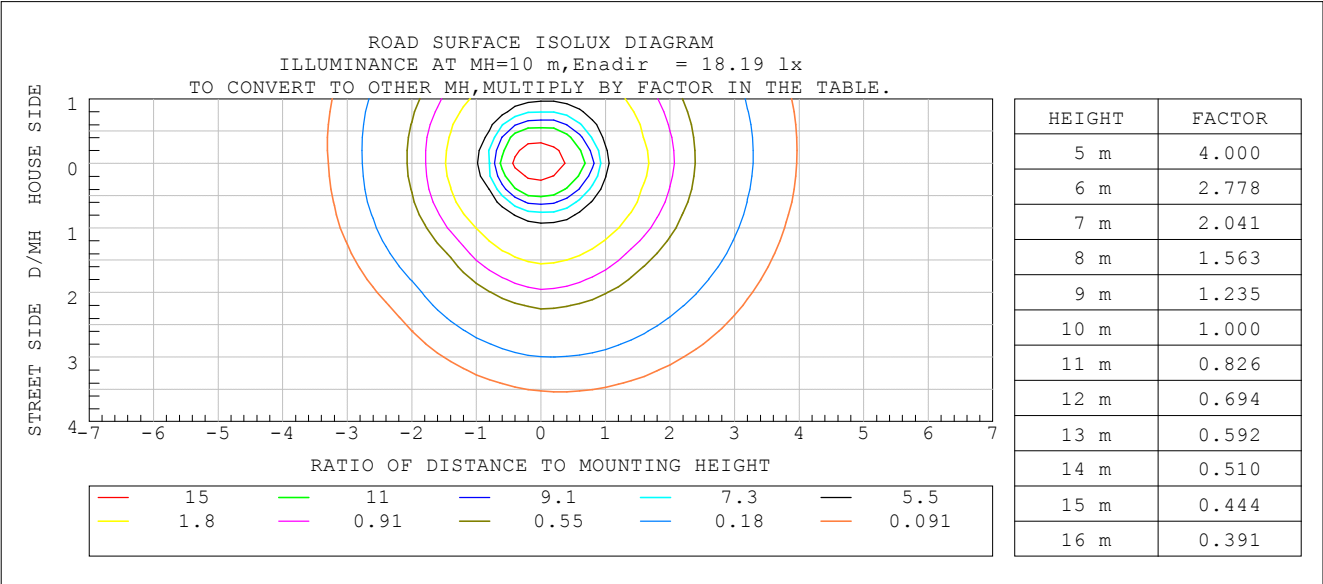
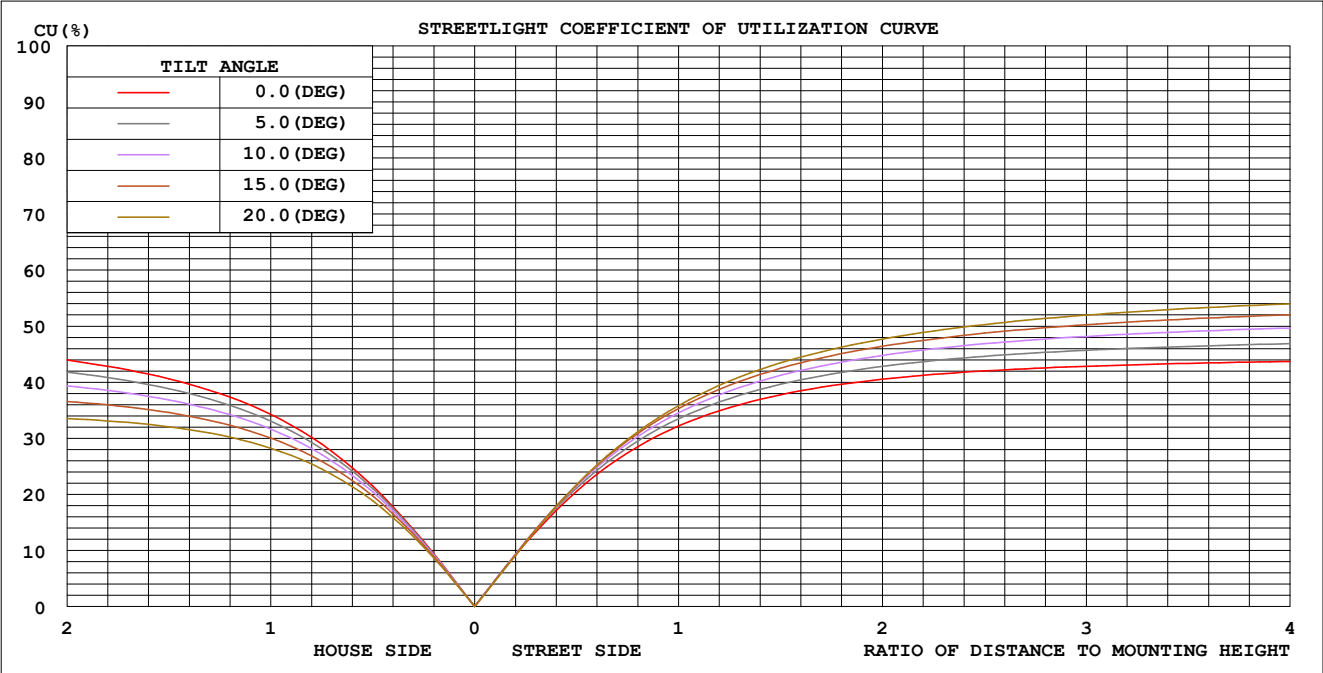
IES:Type VS - Very Short
CIE:Narrow - Short
IES:None cut-off
CIE:Semi-cut-off
Max.At80:85.24cd/klm
Max.At90:39.16cd/klm
Max.80-90:85.24cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2054
90%	1849
80%	1643
70%	1438
60%	1233
50%	1027
40%	822
30%	616
20%	411
10%	205
5%	103

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:wudashuai
Test Date:2022-01-21

gamma Range: 0 - 180DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:51%
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:22.3DEG
Operators:wudashuai
Test Date:2022-01-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:51%
Test Distance:6.500m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

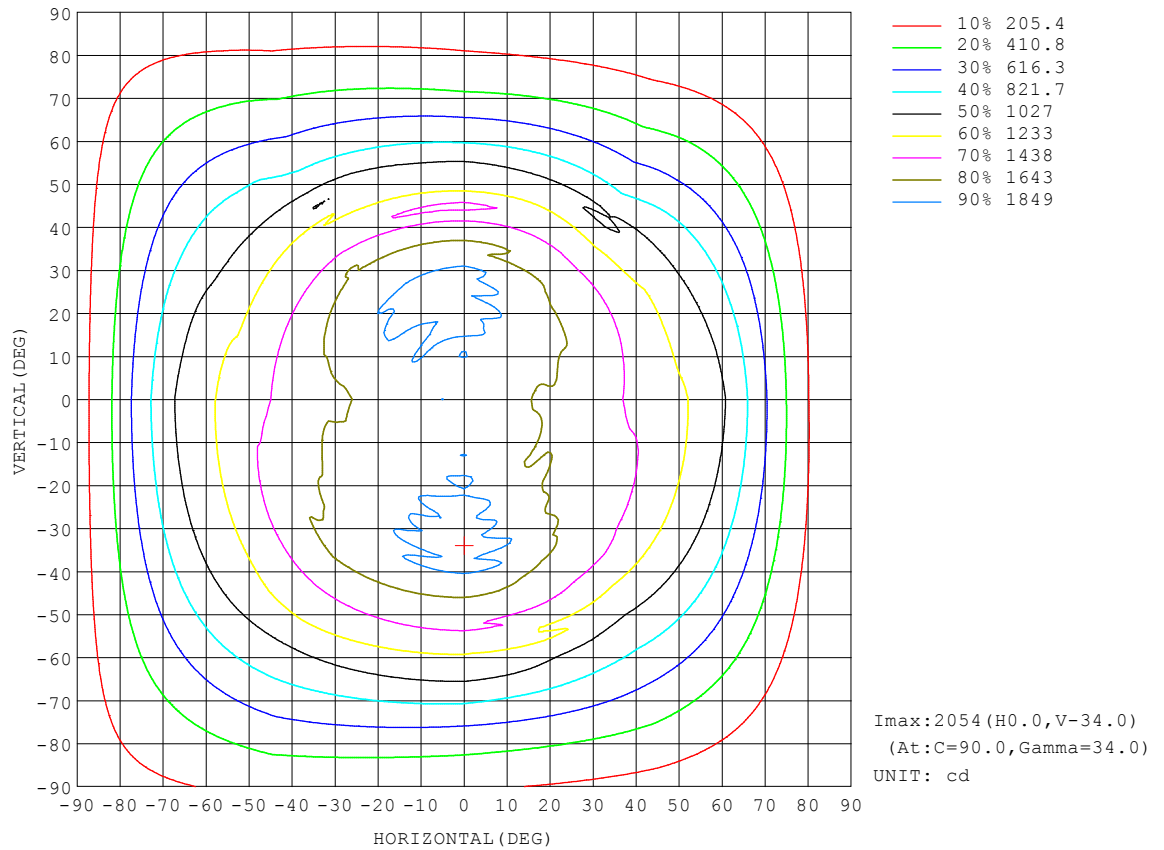
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	1701	1743	1765	1827	1814	1761	1864	1697	0- 10	169.7	169.7	2.56,2.56
20	1623	1643	1867	1739	1720	1796	1952	1733	10- 20	500.2	669.9	10.1,10.1
30	1541	1627	1959	1774	1609	1808	1914	1627	20- 30	810.9	1481	22.4,22.4
40	1408	1551	1900	1691	1503	1634	1636	1396	30- 40	1041	2521	38.1,38.1
50	1263	1331	1575	1568	1375	1231	1142	1022	40- 50	1122	3643	55,55
60	1052	1003	1204	1244	1195	891.3	803.8	748.6	50- 60	1052	4695	70.9,70.9
70	636.8	697.2	847.5	897.1	930.1	572.0	458.2	421.3	60- 70	846.7	5542	83.7,83.7
80	211.0	396.4	487.9	564.6	498.2	285.8	220.0	181.0	70- 80	543.0	6085	91.9,91.9
90	66.57	160.9	225.6	259.4	120.6	122.8	125.9	102.6	80- 90	259.1	6344	95.8,95.8
100	45.80	105.0	111.9	129.2	55.48	94.46	83.30	82.12	90-100	121.1	6465	97.6,97.6
110	27.37	67.20	51.64	82.35	30.57	69.68	42.12	54.79	100-110	76.64	6542	98.8,98.8
120	19.59	23.49	27.61	35.57	14.09	27.64	27.52	19.26	110-120	37.82	6579	99.3,99.3
130	12.60	12.52	10.25	11.71	13.03	14.08	11.34	12.50	120-130	15.40	6595	99.6,99.6
140	12.52	11.76	11.23	10.93	11.52	12.44	12.74	12.88	130-140	9.146	6604	99.7,99.7
150	13.82	13.03	12.62	12.44	12.91	13.34	13.82	14.02	140-150	7.908	6612	99.8,99.8
160	14.83	14.11	13.91	13.83	14.35	14.60	14.94	15.02	150-160	6.397	6618	99.9,99.9
170	15.65	15.22	15.22	15.12	15.47	15.54	15.84	15.76	160-170	4.237	6623	100,100
180	15.98	15.87	16.01	15.90	16.01	15.86	16.01	15.90	170-180	1.497	6624	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:22.3DEG
 Operators:wudashuai
 Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:51%
 Test Distance:6.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

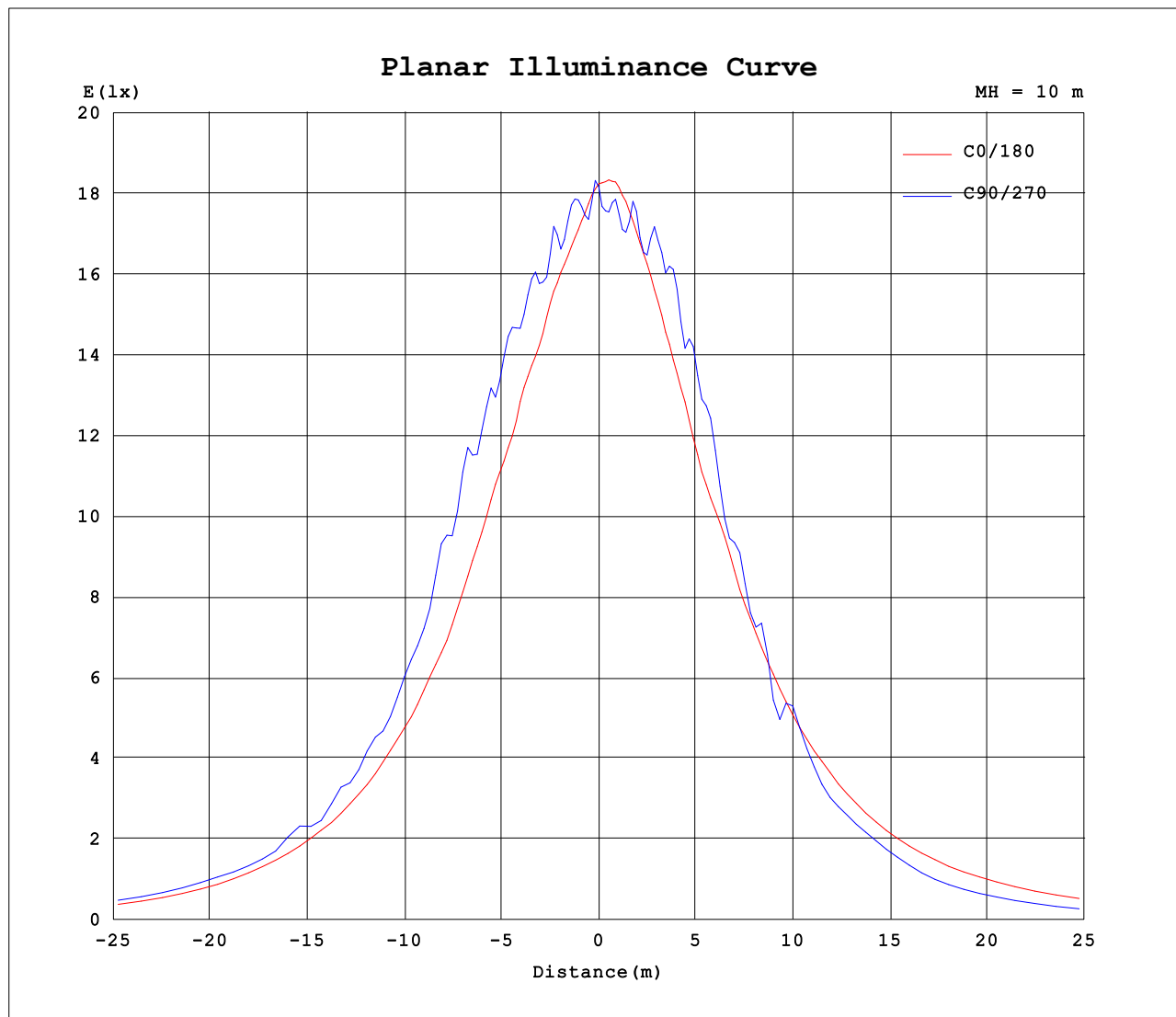
Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:wudashuai
Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:51%
Test Distance:6.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



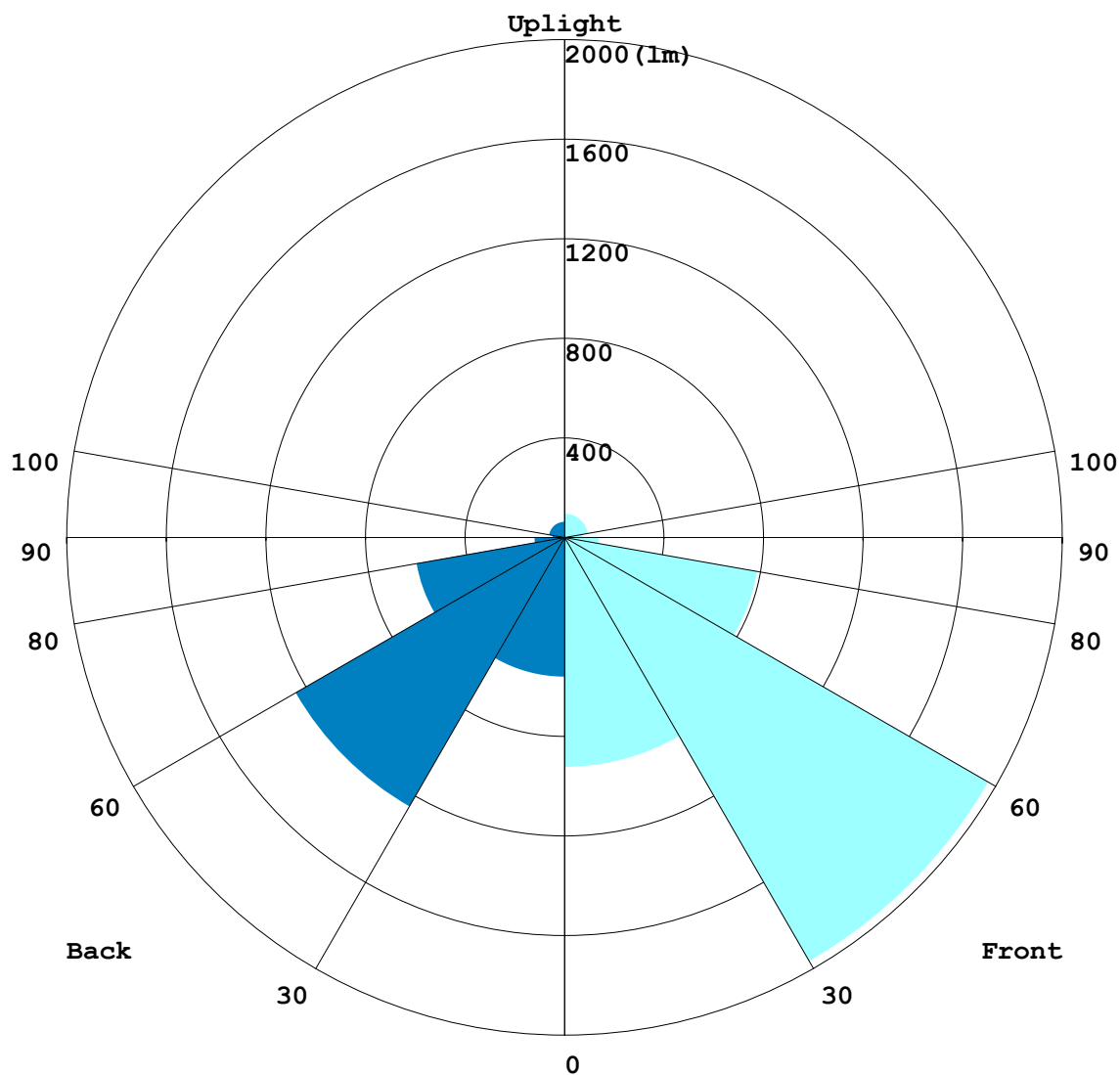
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 22.3DEG
Operators: wudashuai
Test Date: 2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 51%
Test Distance: 6.500m [K=1.0000]
Remarks:

LCS REPORT

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:22.3DEG
Operators:wudashuai
Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:51%
Test Distance:6.500m [K=1.0000]
Remarks:

BUG REPORT

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	921.56	13.9
FM - Front-Medium(30-60)	1966.3	29.7
FH - Front-High(60-80)	785.56	11.9
FVH - Front-Very High(80-90)	138.34	2.1
Total Forward Light	3980.3	60.1

BL - Back-Low(0-30)	559.29	8.4
BM - Back-Medium(30-60)	1248	18.8
BH - Back-High(60-80)	604.1	9.1
BVH - Back-Very High(80-90)	120.76	1.8
Total Back Light	2643.7	39.9

UL - Uplight-Low(90-100)	121.1	1.8
UH - Uplight-High(100-180)	159.04	2.4
Total Up Light	280.13	4.2

BUG(Back,Up,Glare) Rating	B2-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2532.2	111.53	2643.7
Street Side	3811.7	168.61	3980.3

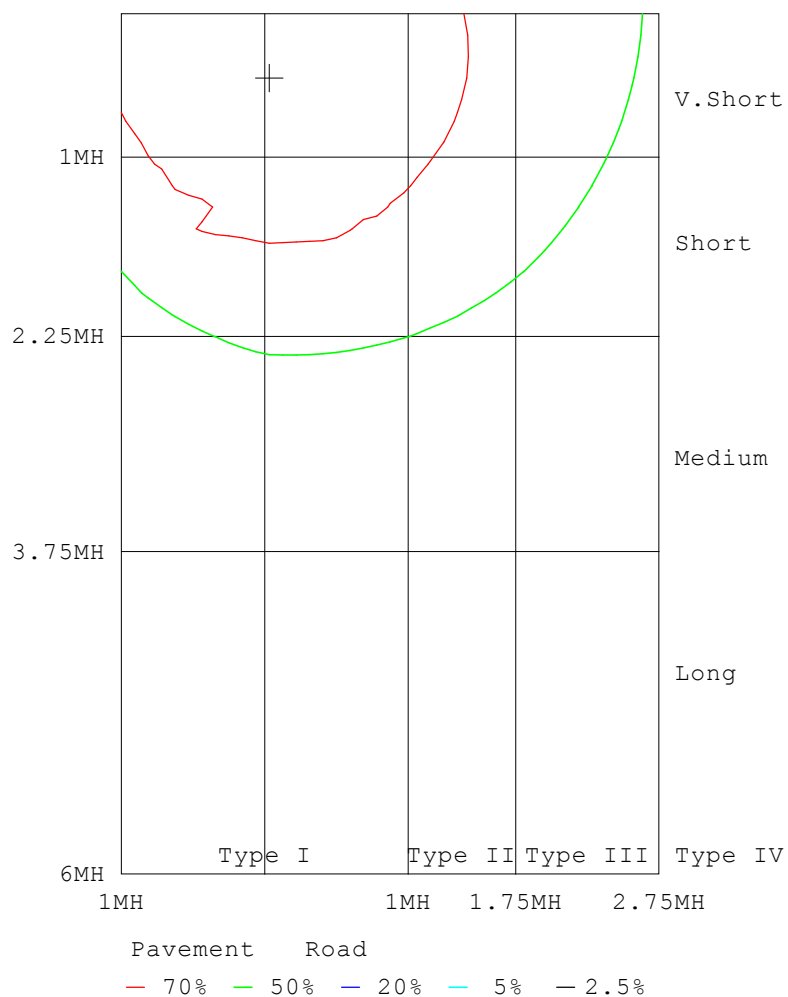
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:22.3DEG
 Operators:wudashuai
 Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:51%
 Test Distance:6.500m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:22.3DEG
 Operators:wudashuai
 Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:51%
 Test Distance:6.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:121.6V I:0.3983A P:48.20W PF:0.9954 Freq:59.98Hz Lamp Flux:7500x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-WLP01S-50DAC-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.32x0.25m	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	1824	1814	1816	1821	1824	1814	1816	1821										
5	1753	1715	1788	1776	1850	1783	1807	1728										
10	1701	1743	1765	1827	1814	1761	1864	1697										
15	1658	1657	1767	1737	1773	1871	1874	1759										
20	1623	1643	1867	1739	1720	1796	1952	1733										
25	1571	1661	1942	1783	1664	1856	1934	1702										
30	1541	1627	1959	1774	1609	1808	1914	1627										
35	1478	1603	2020	1748	1573	1732	1701	1548										
40	1408	1551	1900	1691	1503	1634	1636	1396										
45	1347	1466	1707	1686	1437	1393	1498	1252										
50	1263	1331	1575	1568	1375	1231	1142	1022										
55	1176	1149	1307	1381	1287	1040	1039	931										
60	1052	1003	1204	1244	1195	891	804	749										
65	865	865	1053	1062	1089	746	635	577										
70	637	697	848	897	930	572	458	421										
75	408	549	650	726	730	422	322	288										
80	211	396	488	565	498	286	220	181										
85	91.3	251	349	401	283	179	162	123										
90	66.6	161	226	259	121	123	126	103										
95	52.2	127	152	162	71.6	103	101	95.2										
100	45.8	105	112	129	55.5	94.5	83.3	82.1										
105	41.6	86.3	87.5	106	45.8	82.8	71.6	69.9										
110	27.4	67.2	51.6	82.3	30.6	69.7	42.1	54.8										
115	22.7	43.4	39.0	58.7	17.0	51.1	33.6	35.6										
120	19.6	23.5	27.6	35.6	14.1	27.6	27.5	19.3										
125	15.8	14.6	18.5	18.2	11.6	19.1	19.6	13.7										
130	12.6	12.5	10.3	11.7	13.0	14.1	11.3	12.5										
135	11.8	11.9	10.5	10.3	11.7	12.9	12.0	12.4										
140	12.5	11.8	11.2	10.9	11.5	12.4	12.7	12.9										
145	13.2	12.4	11.9	11.7	12.1	12.7	13.3	13.5										
150	13.8	13.0	12.6	12.4	12.9	13.3	13.8	14.0										
155	14.4	13.6	13.3	13.1	13.7	14.0	14.4	14.5										
160	14.8	14.1	13.9	13.8	14.3	14.6	14.9	15.0										
165	15.3	14.7	14.6	14.5	15.0	15.2	15.5	15.5										
170	15.7	15.2	15.2	15.1	15.5	15.5	15.8	15.8										
175	15.9	15.6	15.7	15.6	15.8	15.8	16.0	15.9										
180	16.0	15.9	16.0	15.9	16.0	15.9	16.0	15.9										

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:22.3DEG
 Operators:wudashuai
 Test Date:2022-01-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:51%
 Test Distance:6.500m [K=1.0000]
 Remarks: