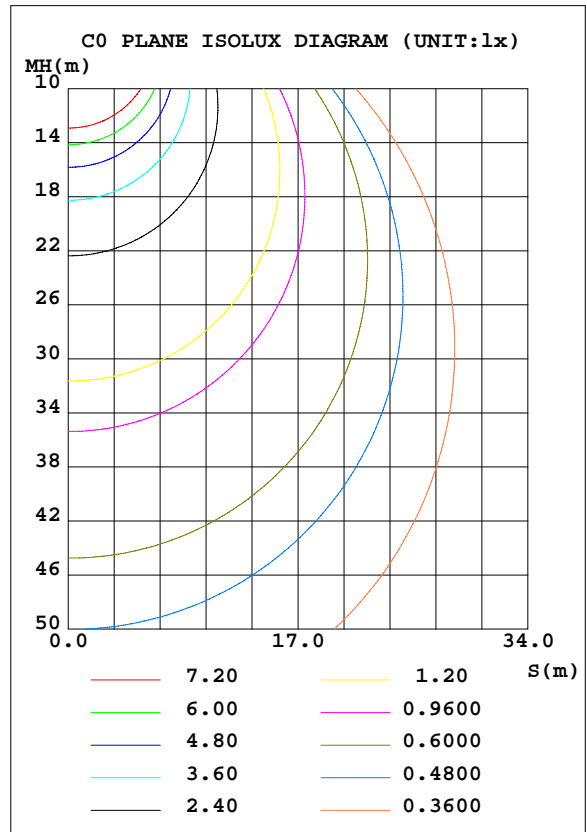
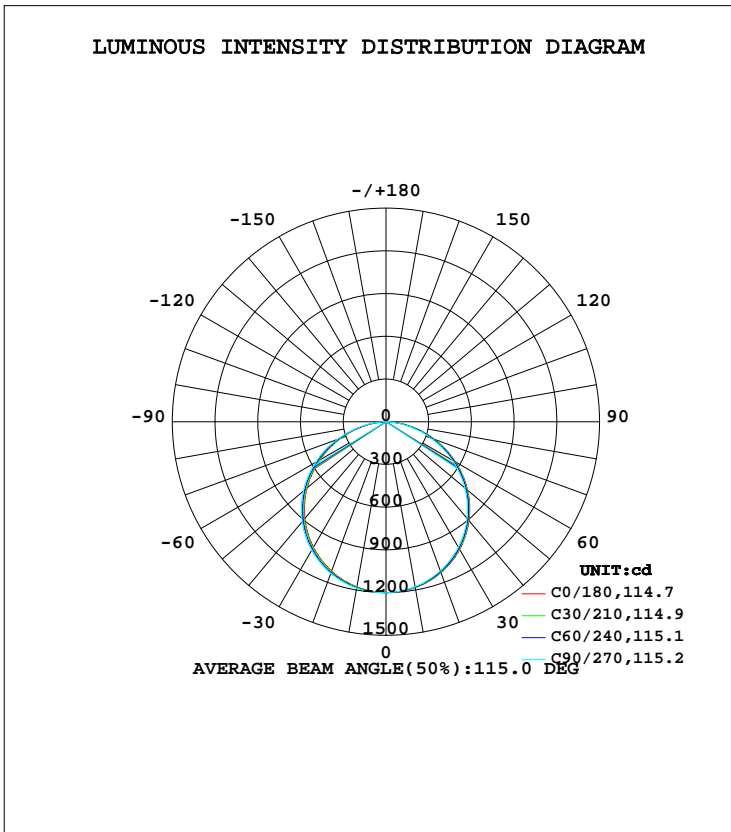


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.27 lm/W			
MODEL	ASD-BLP-22D2550-PRM	I <sub>max</sub> (cd)	1201	S/MH(C0/180)	1.26
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	3534.9	η UP, DN(C0-180)	0.0,49.3
NOMINAL FLUX(lm)	3534.93	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.6
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1183	1180	1177	1175	1178	1182	1186	1186	0- 10	113.6	113.6	3.21,3.21
20	1128	1122	1115	1111	1117	1124	1134	1134	10- 20	326.5	440.2	12.5,12.5
30	1035	1028	1017	1011	1019	1029	1043	1044	20- 30	497.9	938.0	26.5,26.5
40	907.6	898.3	885.5	877.3	886.2	898.9	917.0	918.5	30- 40	605.3	1543	43.7,43.7
50	747.7	738.3	723.2	713.2	723.1	737.7	757.3	760.3	40- 50	633.6	2177	61.6,61.6
60	562.9	553.1	536.8	525.8	536.4	550.4	570.8	574.6	50- 60	578.0	2755	77.9,77.9
70	363.2	354.2	336.4	325.9	336.1	349.1	364.8	372.6	60- 70	446.7	3202	90.6,90.6
80	163.8	158.3	137.0	129.8	137.3	145.7	153.9	168.3	70- 80	262.5	3464	98,98
90	3.283	0.0221	0.0822	0.0038	0.1494	0.2519	0.1384	3.765	80- 90	68.43	3533	99.9,99.9
100	0.0595	0.0502	0.0647	0.0667	0.2832	0.2578	0.2466	0.2374	90-100	0.1921	3533	99.9,99.9
110	0.1346	0.1084	0.1268	0.1409	0.3433	0.3107	0.3069	0.2922	100-110	0.2033	3533	99.9,99.9
120	0.2706	0.2109	0.2255	0.2551	0.4043	0.3463	0.3320	0.3313	110-120	0.2499	3533	100,100
130	0.4017	0.3399	0.3453	0.3850	0.5493	0.5454	0.4914	0.4928	120-130	0.3253	3534	100,100
140	0.4835	0.4273	0.4549	0.4648	0.6652	0.6947	0.6692	0.6285	130-140	0.3915	3534	100,100
150	0.5350	0.4927	0.4803	0.5200	0.7871	0.8125	0.7730	0.7635	140-150	0.3772	3534	100,100
160	0.6387	0.5561	0.5104	0.6080	0.9104	0.9192	0.8451	0.8572	150-160	0.3201	3535	100,100
170	0.7389	0.7151	0.6434	0.7143	0.9060	0.9516	0.8602	0.8691	160-170	0.2164	3535	100,100
180	0.8412	0.8583	0.7918	0.8187	0.8406	0.8597	0.7948	0.8200	170-180	0.0776	3535	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 13.9 %									UNIT:lm		

Conical surface Flux(90deg): 1861.8 lm

%lum = 52.7%  
 %lamp = 52.7%

Conical surface Flux(120deg): 2754.9 lm

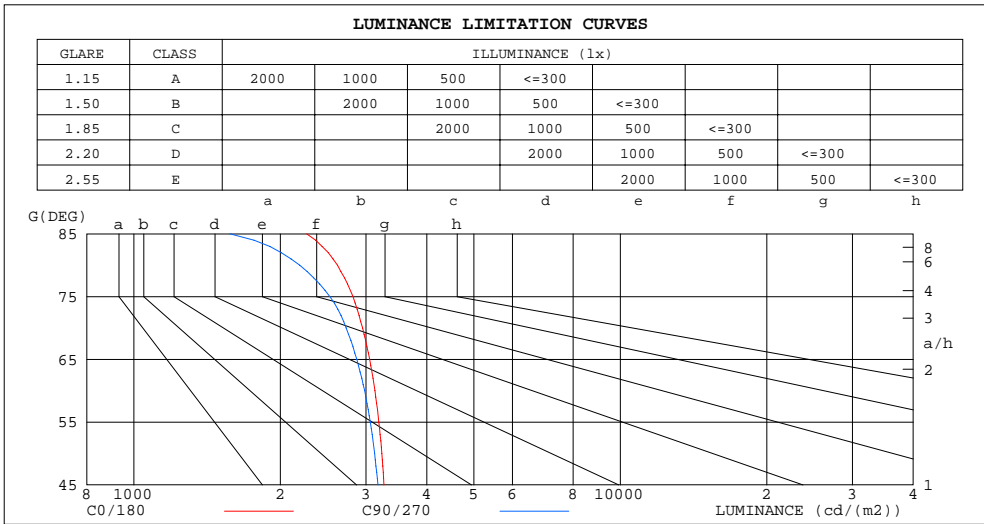
%lum = 77.9%  
 %lamp = 77.9%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2265	1575
80	2621	2192
75	2822	2528
70	2952	2732
65	3052	2873
60	3129	2982
55	3188	3061
50	3233	3125
45	3267	3175

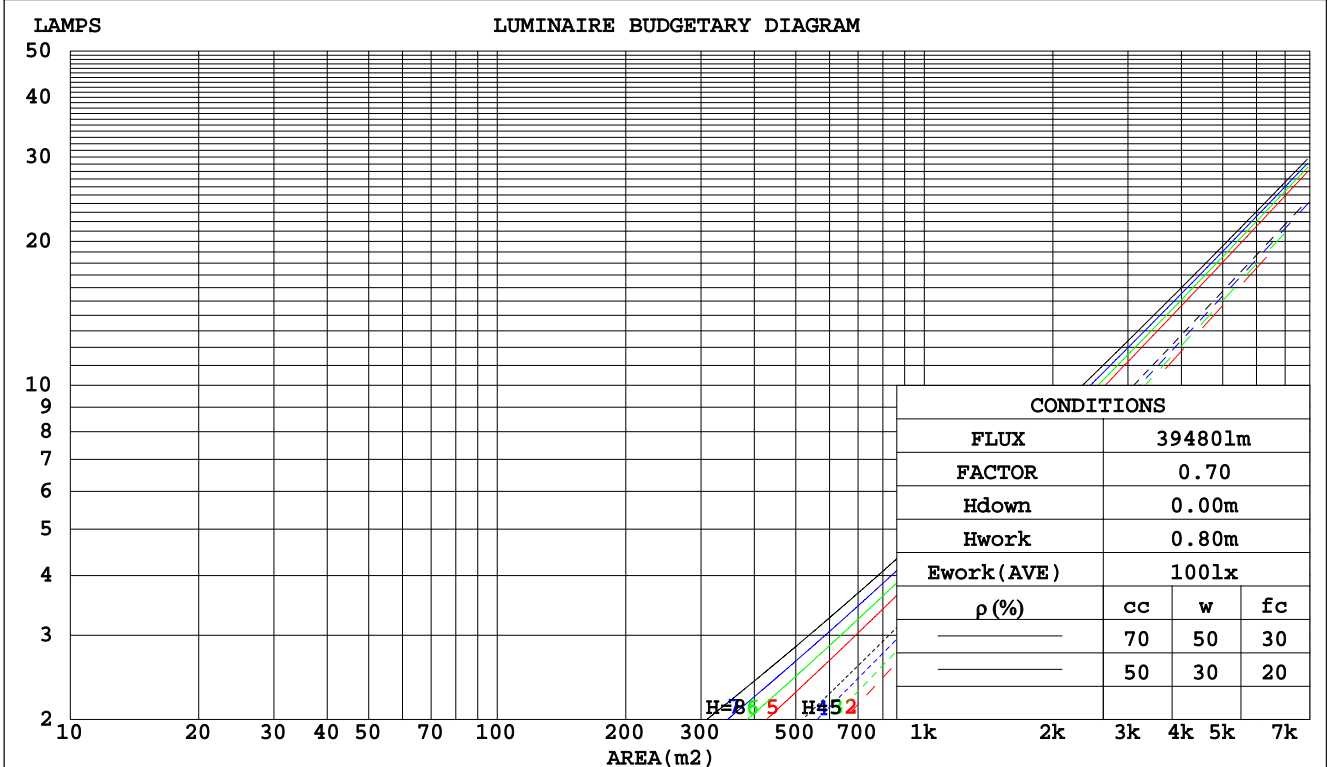
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.90	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.178	.057	.307	.175	.056	.293	.168	.054	.281	.162	.052	.270	.156	.050	
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.273	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041	
4.0	.251	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.105	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.134	.116	.106	.092	.080	.061	.054	.047	.020	.017	.015	
2.0	.173	.132	.098	.148	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.074	.142	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.058	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.039	.123	.072	.034	.085	.050	.024	.049	.030	.014	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.025	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.022	.074	.040	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm										
NAME: ASD Lighting Corp					TYPE:LED			WEIGHT:		
SPEC.:ASD-BLP-22D2550-PRM					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	12.6	14.1	12.9	14.3	14.5	12.4	13.9	12.7	14.2	14.4
3H	14.2	15.7	14.5	15.9	16.1	14.0	15.4	14.3	15.6	15.8
4H	14.9	16.3	15.2	16.5	16.8	14.6	15.9	14.9	16.2	16.4
6H	15.4	16.7	15.8	17.0	17.3	15.0	16.3	15.3	16.5	16.8
8H	15.6	16.8	15.9	17.1	17.4	15.1	16.3	15.4	16.6	16.9
12H	15.7	16.9	16.1	17.2	17.5	15.1	16.3	15.5	16.6	16.9
4H 2H	13.2	14.6	13.5	14.8	15.1	13.1	14.4	13.4	14.7	14.9
3H	15.0	16.2	15.4	16.5	16.8	14.8	16.0	15.2	16.3	16.6
4H	15.9	16.9	16.2	17.3	17.6	15.5	16.6	15.9	17.0	17.3
6H	16.5	17.5	16.9	17.8	18.2	16.1	17.1	16.5	17.4	17.8
8H	16.7	17.6	17.2	18.0	18.4	16.3	17.2	16.7	17.5	17.9
12H	16.9	17.7	17.3	18.1	18.5	16.4	17.2	16.8	17.6	18.0
8H 4H	16.1	17.0	16.5	17.4	17.8	15.9	16.8	16.3	17.1	17.5
6H	16.9	17.7	17.4	18.1	18.5	16.6	17.3	17.0	17.7	18.1
8H	17.3	17.9	17.7	18.4	18.8	16.8	17.5	17.3	17.9	18.4
12H	17.5	18.1	18.0	18.5	19.0	17.0	17.5	17.5	18.0	18.5
12H 4H	16.1	17.0	16.6	17.4	17.8	15.9	16.7	16.3	17.1	17.5
6H	17.0	17.7	17.5	18.1	18.5	16.6	17.3	17.1	17.7	18.2
8H	17.4	17.9	17.9	18.4	18.9	16.9	17.5	17.4	18.0	18.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 3535 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.4)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

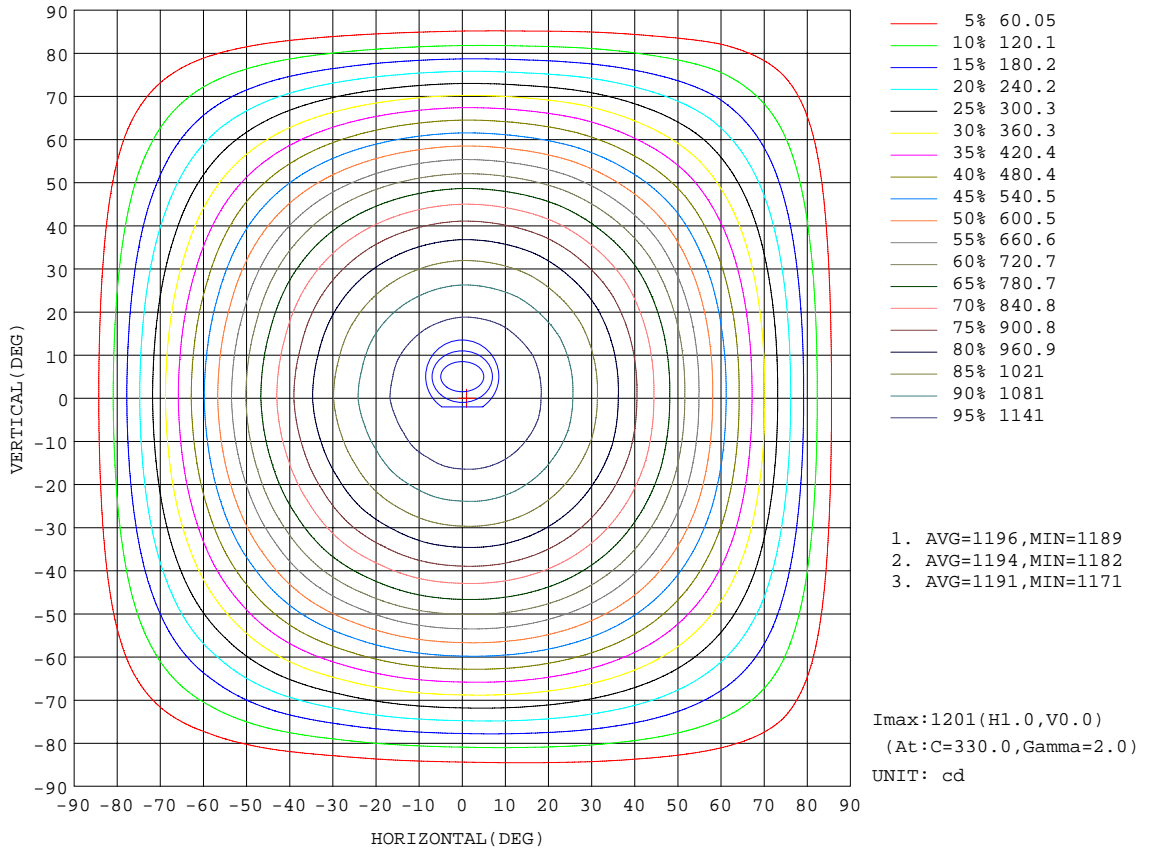
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	96	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



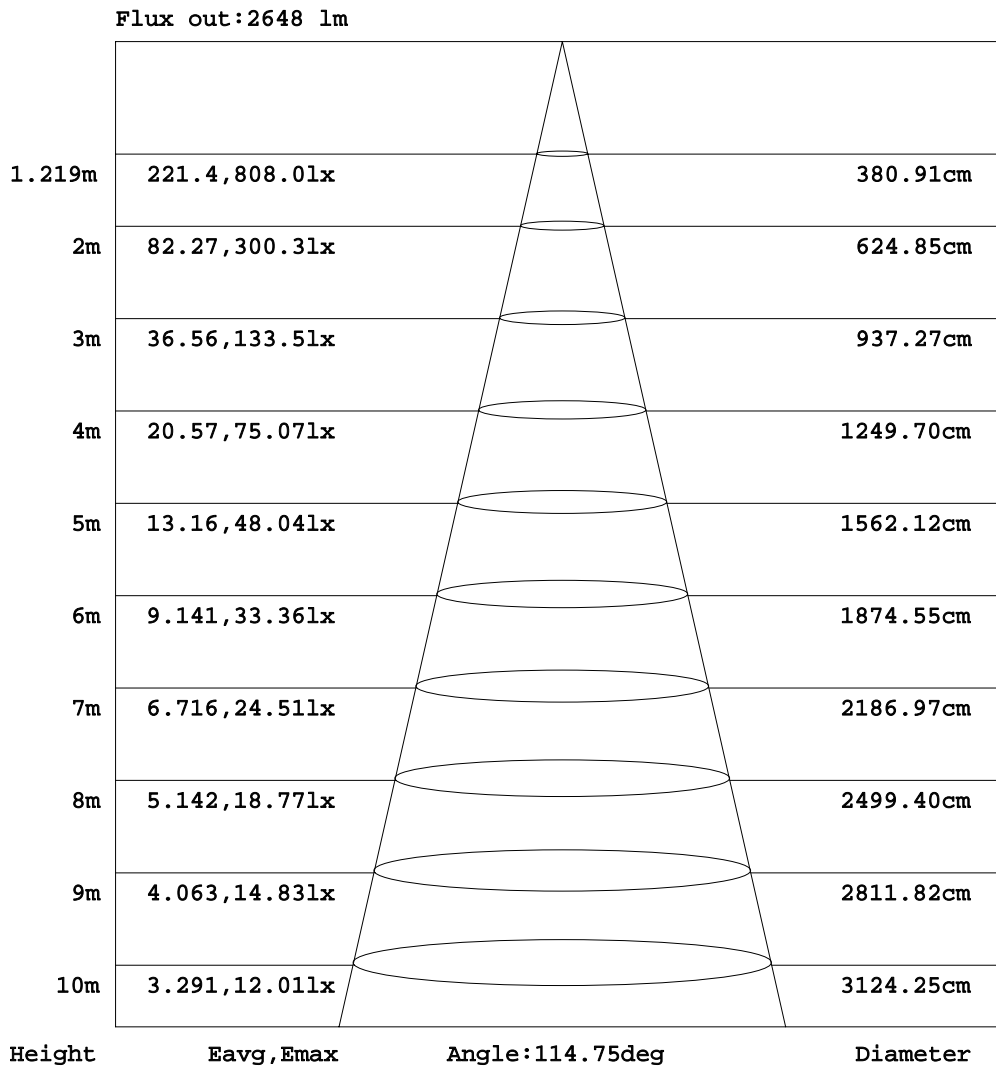
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:



AAI Figure

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



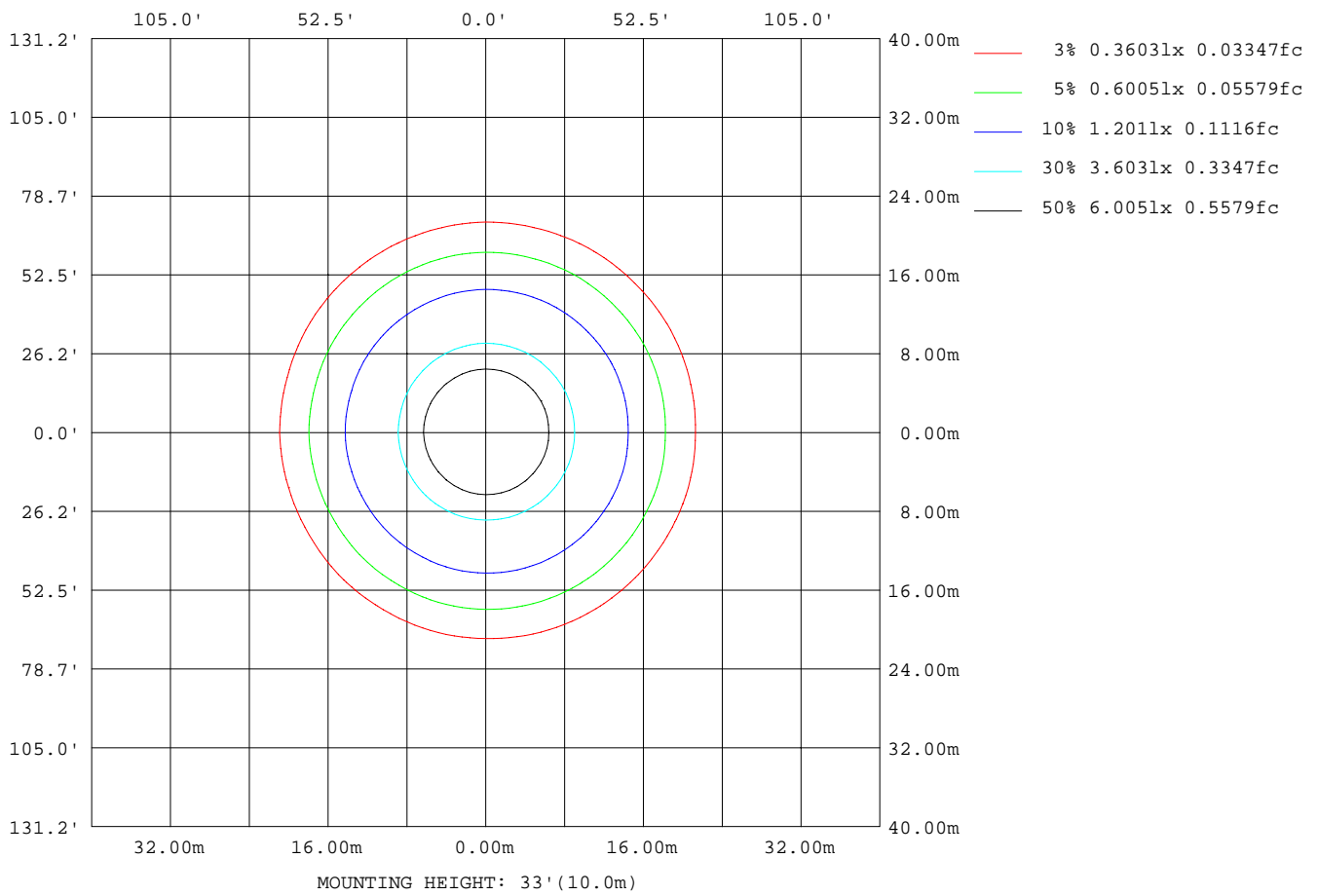
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators:Alan Wang  
 Test Date:25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance:2.500m [K=0.9942]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

## LED Avg.L Report

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

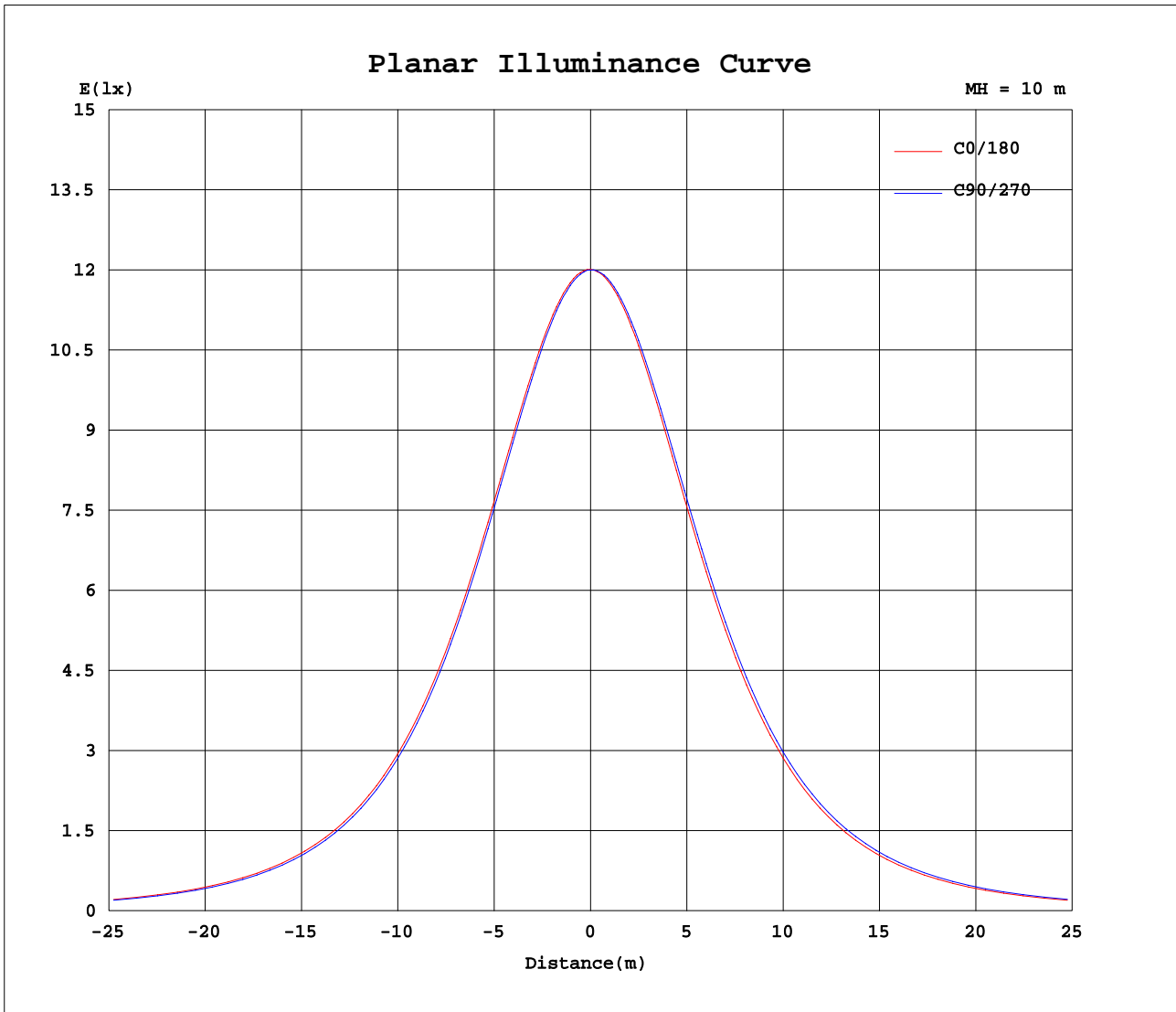
AvgL	cd/m2
L_0~180(65)av	2961
L_0~180(75)av	2675
L_0~180(85)av	1891
L_90~270(65)av	2982
L_90~270(75)av	2645
L_90~270(85)av	1781
L_45(65)av	2967
L_45(75)av	2683
L_45(85)av	1835

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: Alan Wang  
Test Date: 25 March 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
Humidity: 53.1%  
Test Distance: 2.500m [K=0.9942]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.0DEG  
Operators: Alan Wang  
Test Date: 25 March 2020

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
Humidity: 53.1%  
Test Distance: 2.500m [K=0.9942]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
5	1197	1197	1195	1195	1195	1194	1193	1193	1192	1192	1192	1193	1193	1194	1195	1196	1197	1197	1198
10	1183	1183	1181	1180	1179	1178	1177	1176	1174	1175	1174	1175	1178	1178	1179	1182	1183	1184	1186
15	1161	1160	1157	1156	1155	1153	1150	1149	1147	1148	1147	1148	1152	1152	1154	1158	1160	1162	1165
20	1128	1128	1124	1122	1120	1118	1115	1114	1111	1111	1109	1112	1117	1117	1121	1124	1127	1130	1134
25	1086	1086	1081	1079	1077	1074	1071	1068	1066	1065	1064	1067	1072	1072	1077	1082	1086	1088	1092
30	1035	1035	1030	1028	1025	1021	1017	1015	1011	1011	1009	1012	1019	1019	1025	1029	1034	1038	1043
35	975	976	970	967	964	960	955	953	948	948	946	950	956	957	963	969	974	978	984
40	908	908	901	898	895	891	885	883	877	877	874	879	886	886	893	899	905	911	917
45	831	832	825	821	818	814	808	805	799	799	795	800	808	808	816	822	828	835	841
50	748	749	742	738	734	729	723	720	713	713	710	714	723	723	731	738	744	750	757
55	658	659	652	648	644	639	632	629	622	622	618	623	632	632	641	647	653	660	667
60	563	565	557	553	549	543	537	533	526	526	521	527	536	535	544	550	556	564	571
65	464	466	459	454	450	444	437	433	426	426	422	428	437	436	445	450	456	463	470
70	363	366	358	354	350	344	336	333	326	326	322	327	336	335	343	349	353	358	365
75	263	266	259	255	251	244	236	232	227	227	222	227	236	235	243	247	248	251	257
80	164	166	162	158	152	144	137	133	129	130	127	129	137	137	144	146	146	149	154
85	71.0	74.1	69.8	64.6	60.8	55.3	49.4	46.3	40.5	40.3	37.2	41.3	47.6	46.7	50.4	52.4	54.3	57.7	62.3
90	3.28	0.68	6.46	0.02	4.50	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.15	0.30	0.15	0.25	0.14	0.15	0.14
95	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.22	0.21	0.21	0.20	0.20	0.19	0.19
100	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.07	0.28	0.28	0.26	0.26	0.25	0.25	0.25
105	0.10	0.09	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.33	0.33	0.31	0.30	0.30	0.30	0.29
110	0.13	0.13	0.11	0.11	0.12	0.12	0.13	0.13	0.13	0.14	0.15	0.15	0.34	0.34	0.32	0.31	0.31	0.31	0.31
115	0.20	0.17	0.16	0.15	0.15	0.17	0.17	0.18	0.18	0.19	0.20	0.21	0.36	0.35	0.34	0.31	0.31	0.31	0.31
120	0.27	0.24	0.23	0.21	0.22	0.22	0.23	0.24	0.24	0.26	0.27	0.28	0.40	0.39	0.39	0.35	0.34	0.33	0.33
125	0.34	0.31	0.30	0.28	0.29	0.28	0.28	0.29	0.30	0.32	0.33	0.34	0.46	0.46	0.45	0.44	0.40	0.40	0.40
130	0.40	0.38	0.35	0.34	0.36	0.34	0.35	0.35	0.37	0.39	0.38	0.40	0.55	0.55	0.54	0.55	0.52	0.50	0.49
135	0.46	0.43	0.41	0.38	0.41	0.42	0.41	0.42	0.42	0.42	0.43	0.44	0.61	0.62	0.62	0.64	0.63	0.61	0.60
140	0.48	0.45	0.44	0.43	0.45	0.47	0.45	0.45	0.46	0.46	0.46	0.47	0.67	0.66	0.67	0.69	0.70	0.69	0.67
145	0.50	0.48	0.47	0.45	0.46	0.48	0.48	0.48	0.49	0.49	0.48	0.50	0.72	0.73	0.74	0.76	0.75	0.75	0.74
150	0.53	0.53	0.51	0.49	0.47	0.49	0.48	0.49	0.51	0.52	0.52	0.53	0.79	0.79	0.79	0.81	0.80	0.80	0.77
155	0.58	0.59	0.57	0.53	0.51	0.53	0.51	0.54	0.56	0.57	0.58	0.58	0.85	0.87	0.87	0.86	0.85	0.84	0.81
160	0.64	0.65	0.62	0.56	0.53	0.54	0.51	0.58	0.60	0.61	0.62	0.62	0.91	0.92	0.92	0.92	0.90	0.88	0.85
165	0.68	0.69	0.68	0.63	0.58	0.58	0.57	0.62	0.65	0.66	0.67	0.66	0.91	0.93	0.94	0.95	0.93	0.89	0.85
170	0.74	0.74	0.74	0.72	0.64	0.65	0.64	0.67	0.71	0.71	0.72	0.72	0.91	0.94	0.95	0.95	0.93	0.87	0.86
175	0.83	0.84	0.83	0.81	0.76	0.76	0.72	0.75	0.79	0.80	0.81	0.81	0.90	0.91	0.93	0.91	0.90	0.86	0.82
180	0.84	0.85	0.85	0.86	0.84	0.80	0.79	0.78	0.79	0.82	0.81	0.83	0.84	0.85	0.85	0.86	0.84	0.80	0.79

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2112A P:25.02W PF:0.9896 Freq:60.00Hz Lamp Flux:3534.93x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D2550-PRM	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1200	1200	1200	1200	1200														
5	1198	1198	1198	1199	1198														
10	1187	1188	1186	1187	1186														
15	1165	1166	1165	1166	1163														
20	1134	1135	1134	1135	1132														
25	1093	1095	1094	1095	1091														
30	1044	1046	1044	1046	1041														
35	985	988	986	987	982														
40	918	921	919	921	915														
45	842	845	843	846	839														
50	759	762	760	762	757														
55	668	672	670	673	667														
60	572	577	575	578	572														
65	472	476	475	479	473														
70	367	374	373	377	372														
75	260	268	270	276	271														
80	157	164	168	175	171														
85	65.3	70.5	72.9	79.1	77.9														
90	5.39	0.18	3.76	1.07	5.54														
95	0.19	0.18	0.18	0.18	0.18														
100	0.24	0.24	0.24	0.24	0.25														
105	0.29	0.29	0.28	0.28	0.30														
110	0.30	0.30	0.29	0.30	0.30														
115	0.30	0.30	0.30	0.32	0.32														
120	0.32	0.32	0.33	0.36	0.36														
125	0.38	0.36	0.40	0.41	0.42														
130	0.49	0.49	0.49	0.49	0.51														
135	0.59	0.58	0.57	0.57	0.58														
140	0.64	0.64	0.63	0.63	0.64														
145	0.71	0.70	0.70	0.69	0.71														
150	0.75	0.75	0.76	0.76	0.77														
155	0.81	0.81	0.82	0.85	0.84														
160	0.83	0.83	0.86	0.89	0.90														
165	0.84	0.84	0.87	0.90	0.90														
170	0.84	0.82	0.87	0.89	0.88														
175	0.85	0.82	0.87	0.88	0.90														
180	0.78	0.79	0.82	0.81	0.83														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
3.0	1199	1199	1198	1198	1198	1198	1197	1197	1196	1196
6.0	1195	1195	1193	1193	1192	1191	1191	1190	1190	1189
9.0	1187	1186	1185	1184	1183	1181	1181	1180	1178	1179
12.0	1175	1175	1173	1172	1170	1168	1167	1166	1165	1165
15.0	1161	1160	1157	1156	1155	1153	1150	1149	1147	1148
18.0	1142	1142	1138	1137	1135	1132	1130	1129	1126	1127
21.0	1121	1120	1116	1114	1112	1110	1106	1106	1102	1103
24.0	1095	1095	1091	1089	1087	1084	1080	1079	1075	1075
27.0	1067	1066	1062	1060	1057	1054	1050	1048	1044	1045
30.0	1035	1035	1030	1028	1025	1021	1017	1015	1011	1011
33.0	1000	1001	995.0	992.4	989.3	985.8	981.4	979.2	974.3	974.2
36.0	962.4	963.2	956.9	954.0	950.4	947.0	941.9	940.2	934.9	934.6
39.0	921.9	921.8	915.7	912.4	909.2	905.4	900.1	897.3	892.0	891.8
42.0	877.6	878.3	871.9	868.7	864.9	861.0	855.6	852.5	847.0	846.5
45.0	831.0	831.8	825.3	821.5	818.1	813.7	808.3	804.7	798.6	798.6
48.0	782.0	783.1	775.9	772.5	768.8	763.6	757.8	754.7	748.2	748.4
51.0	730.4	731.6	724.0	720.4	716.7	711.7	705.6	701.8	695.4	695.1
54.0	676.5	677.5	670.5	666.5	662.4	657.5	651.1	647.3	640.7	640.6
57.0	620.6	622.0	614.6	611.0	606.6	601.3	594.5	591.1	583.9	583.9
60.0	562.9	564.7	557.5	553.1	548.9	543.5	536.8	532.8	525.9	525.8
63.0	504.0	505.8	498.6	494.3	489.7	484.1	476.8	473.1	466.1	466.0
66.0	443.8	445.7	438.9	434.6	430.0	424.3	416.8	413.0	406.3	406.1
69.0	383.2	385.5	378.5	374.4	369.4	363.8	356.4	352.7	345.8	346.0
72.0	322.7	325.4	318.4	314.0	310.0	304.0	296.6	292.4	285.8	286.1
75.0	262.8	265.6	258.9	255.5	250.5	244.0	235.5	232.1	226.8	227.2
78.0	202.8	205.7	200.7	196.2	191.2	182.5	175.2	171.3	167.5	168.8
81.0	144.4	147.3	143.3	138.7	132.9	125.2	118.5	114.8	110.5	110.9
84.0	88.92	91.87	87.95	82.25	78.48	72.04	66.50	62.62	57.15	57.12
87.0	36.61	40.46	34.91	32.99	27.98	26.09	18.28	17.43	10.48	13.88
90.0	3.283	0.6772	6.456	0.0221	4.504	0.0000	0.0822	0.0006	0.0016	0.0038
93.0	0.0065	0.0075	0.0091	0.0118	0.0111	0.0141	0.0150	0.0179	0.0193	0.0220
96.0	0.0285	0.0265	0.0257	0.0285	0.0276	0.0305	0.0366	0.0365	0.0368	0.0414
99.0	0.0513	0.0446	0.0411	0.0452	0.0444	0.0482	0.0592	0.0541	0.0552	0.0598
102.0	0.0741	0.0678	0.0574	0.0608	0.0623	0.0666	0.0762	0.0745	0.0748	0.0825
105.0	0.0959	0.0899	0.0747	0.0787	0.0823	0.0868	0.0910	0.0942	0.0959	0.1032
108.0	0.1167	0.1110	0.0944	0.0982	0.1007	0.1080	0.1106	0.1171	0.1178	0.1237
111.0	0.1464	0.1380	0.1168	0.1146	0.1238	0.1280	0.1343	0.1389	0.1419	0.1501
114.0	0.1836	0.1634	0.1501	0.1402	0.1452	0.1546	0.1622	0.1701	0.1712	0.1798
117.0	0.2266	0.1988	0.1864	0.1726	0.1770	0.1870	0.1941	0.2023	0.2049	0.2121
120.0	0.2706	0.2392	0.2284	0.2109	0.2195	0.2215	0.2255	0.2372	0.2422	0.2551
123.0	0.3168	0.2830	0.2739	0.2544	0.2601	0.2558	0.2582	0.2712	0.2779	0.2976
126.0	0.3539	0.3231	0.3076	0.2903	0.3013	0.2850	0.2926	0.3020	0.3195	0.3443
129.0	0.3894	0.3635	0.3406	0.3318	0.3448	0.3225	0.3277	0.3405	0.3591	0.3760
132.0	0.4276	0.4014	0.3789	0.3556	0.3837	0.3736	0.3695	0.3799	0.3968	0.4029
135.0	0.4576	0.4277	0.4121	0.3842	0.4071	0.4208	0.4067	0.4191	0.4231	0.4245
138.0	0.4743	0.4422	0.4308	0.4115	0.4310	0.4532	0.4392	0.4397	0.4473	0.4454
141.0	0.4874	0.4534	0.4489	0.4338	0.4501	0.4813	0.4644	0.4624	0.4619	0.4687
144.0	0.5023	0.4745	0.4651	0.4448	0.4639	0.4795	0.4738	0.4756	0.4787	0.4844
147.0	0.5148	0.4982	0.4872	0.4721	0.4671	0.4783	0.4794	0.4817	0.4928	0.5021
150.0	0.5350	0.5307	0.5145	0.4927	0.4707	0.4884	0.4803	0.4910	0.5065	0.5200
153.0	0.5661	0.5681	0.5518	0.5172	0.4886	0.5164	0.5002	0.5216	0.5363	0.5495
156.0	0.5921	0.6017	0.5808	0.5363	0.5152	0.5395	0.5117	0.5473	0.5626	0.5758
159.0	0.6292	0.6391	0.6104	0.5532	0.5224	0.5450	0.5085	0.5726	0.5884	0.6002
162.0	0.6453	0.6567	0.6324	0.5725	0.5414	0.5466	0.5214	0.5892	0.6099	0.6208
165.0	0.6799	0.6946	0.6762	0.6307	0.6307	0.5777	0.5669	0.6203	0.6467	0.6624
168.0	0.7283	0.7332	0.7219	0.6951	0.6399	0.6325	0.6182	0.6650	0.6997	0.7091
171.0	0.7382	0.7426	0.7349	0.7161	0.6403	0.6610	0.6452	0.6688	0.7036	0.7124
174.0	0.8026	0.8122	0.7999	0.7857	0.7281	0.7358	0.6978	0.7273	0.7628	0.7755
177.0	0.8363	0.8436	0.8437	0.8381	0.8004	0.7913	0.7565	0.7656	0.8113	0.8118
180.0	0.8412	0.8515	0.8526	0.8583	0.8358	0.8018	0.7918	0.7807	0.7923	0.8187
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
3.0	1197	1197	1198	1197	1198	1199	1199	1199	1200	1200
6.0	1190	1191	1191	1191	1192	1194	1195	1195	1197	1197
9.0	1179	1180	1181	1181	1183	1185	1187	1187	1189	1189
12.0	1165	1165	1168	1168	1171	1173	1175	1177	1178	1179
15.0	1147	1148	1152	1152	1154	1158	1160	1162	1165	1165
18.0	1126	1128	1132	1132	1136	1138	1141	1143	1147	1147
21.0	1101	1104	1108	1109	1113	1116	1120	1122	1126	1127
24.0	1074	1076	1082	1082	1087	1091	1094	1097	1102	1102
27.0	1043	1046	1052	1052	1057	1062	1066	1070	1074	1075
30.0	1009	1012	1019	1019	1025	1029	1034	1038	1043	1044

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

Photometric Data Table [cd]

33.0	971.9	975.6	982.5	982.3	988.7	993.7	998.9	1004	1009	1010
36.0	932.2	936.3	943.2	943.1	949.8	955.6	960.6	965.9	971.1	972.4
39.0	889.1	893.1	900.8	900.7	907.9	913.6	919.5	924.7	930.7	932.0
42.0	843.5	848.0	855.9	855.8	863.3	869.6	875.1	881.1	886.9	888.8
45.0	795.1	800.0	808.3	807.8	816.1	821.9	828.2	834.5	840.7	842.3
48.0	744.7	749.3	758.1	757.5	765.9	772.3	778.4	784.6	791.5	793.0
51.0	691.6	696.4	705.4	705.5	713.2	720.0	726.0	732.8	739.8	741.3
54.0	636.8	641.7	650.9	650.1	658.8	665.7	671.3	678.3	685.7	686.7
57.0	579.8	584.8	594.3	593.9	602.7	609.0	614.7	621.6	629.0	630.7
60.0	521.5	526.9	536.4	535.5	544.3	550.4	556.4	563.7	570.8	572.2
63.0	462.3	467.5	476.8	476.2	485.1	490.9	496.9	503.2	510.9	512.3
66.0	402.2	407.1	416.7	415.9	424.4	430.2	435.6	442.1	449.4	451.2
69.0	341.8	346.9	356.3	355.3	363.5	369.3	374.0	379.4	386.3	388.1
72.0	281.5	286.7	296.0	294.8	302.9	308.1	311.6	315.2	321.9	324.2
75.0	222.5	226.8	235.6	234.6	242.9	246.9	248.4	251.0	257.4	259.6
78.0	164.6	167.2	175.6	175.2	182.6	185.7	185.4	189.2	193.7	197.0
81.0	108.6	111.1	118.7	118.3	124.2	126.1	127.0	130.3	134.9	137.8
84.0	53.97	58.09	64.85	64.45	68.15	70.66	71.76	76.13	79.67	82.78
87.0	7.134	14.15	17.98	14.69	20.31	20.39	23.61	25.36	31.19	31.57
90.0	0.0036	0.0020	0.1494	0.2959	0.1470	0.2519	0.1381	0.1529	0.1384	5.386
93.0	0.0228	0.0207	0.1872	0.1883	0.1844	0.1806	0.1755	0.1688	0.1636	0.1614
96.0	0.0411	0.0418	0.2301	0.2244	0.2202	0.2153	0.2113	0.2064	0.2016	0.1976
99.0	0.0606	0.0641	0.2720	0.2615	0.2526	0.2471	0.2442	0.2395	0.2356	0.2321
102.0	0.0815	0.0861	0.3057	0.3031	0.2819	0.2780	0.2748	0.2691	0.2664	0.2612
105.0	0.1018	0.1111	0.3315	0.3292	0.3084	0.3022	0.3014	0.2953	0.2943	0.2878
108.0	0.1267	0.1375	0.3384	0.3351	0.3168	0.3094	0.3076	0.3049	0.3060	0.2978
111.0	0.1579	0.1645	0.3433	0.3374	0.3180	0.3115	0.3101	0.3085	0.3066	0.3004
114.0	0.1906	0.1992	0.3545	0.3446	0.3361	0.3139	0.3128	0.3088	0.3099	0.3008
117.0	0.2284	0.2346	0.3699	0.3617	0.3573	0.3228	0.3177	0.3169	0.3171	0.3100
120.0	0.2726	0.2758	0.4043	0.3920	0.3876	0.3463	0.3380	0.3322	0.3320	0.3226
123.0	0.3076	0.3195	0.4379	0.4299	0.4258	0.4009	0.3729	0.3669	0.3613	0.3558
126.0	0.3400	0.3542	0.4813	0.4756	0.4651	0.4620	0.4234	0.4177	0.4195	0.4009
129.0	0.3702	0.3914	0.5329	0.5326	0.5206	0.5262	0.5004	0.4723	0.4742	0.4596
132.0	0.4056	0.4192	0.5762	0.5792	0.5744	0.5859	0.5686	0.5529	0.5464	0.5373
135.0	0.4307	0.4410	0.6127	0.6168	0.6200	0.6387	0.6296	0.6096	0.6026	0.5860
138.0	0.4498	0.4625	0.6412	0.6477	0.6551	0.6725	0.6763	0.6626	0.6363	0.6163
141.0	0.4655	0.4778	0.6749	0.6767	0.6864	0.7054	0.7139	0.7028	0.6849	0.6459
144.0	0.4789	0.4958	0.7095	0.7163	0.7234	0.7461	0.7441	0.7382	0.7283	0.6851
147.0	0.4927	0.5145	0.7484	0.7579	0.7573	0.7814	0.7763	0.7666	0.7624	0.7334
150.0	0.5159	0.5306	0.7871	0.7933	0.7908	0.8125	0.8040	0.7959	0.7730	0.7545
153.0	0.5530	0.5584	0.8249	0.8378	0.8447	0.8393	0.8333	0.8220	0.7978	0.7880
156.0	0.5852	0.5932	0.8661	0.8888	0.8869	0.8726	0.8645	0.8441	0.8153	0.8092
159.0	0.6106	0.6192	0.9115	0.9168	0.9174	0.9110	0.8957	0.8756	0.8445	0.8326
162.0	0.6309	0.6291	0.9040	0.9182	0.9294	0.9329	0.9059	0.8832	0.8406	0.8218
165.0	0.6705	0.6647	0.9067	0.9299	0.9425	0.9482	0.9269	0.8861	0.8498	0.8428
168.0	0.7146	0.7130	0.9076	0.9440	0.9568	0.9571	0.9339	0.8859	0.8658	0.8453
171.0	0.7177	0.7240	0.9076	0.9404	0.9460	0.9474	0.9228	0.8617	0.8481	0.8445
174.0	0.7862	0.7877	0.9027	0.9241	0.9359	0.9202	0.9016	0.8632	0.8229	0.8510
177.0	0.8208	0.8244	0.8803	0.8875	0.9029	0.8947	0.8812	0.8336	0.8164	0.8153
180.0	0.8128	0.8284	0.8406	0.8518	0.8535	0.8597	0.8375	0.8018	0.7948	0.7818
G/C	300.0	315.0	330.0	345.0						
0.0	1200	1200	1200	1200						
3.0	1200	1200	1200	1200						
6.0	1197	1197	1197	1196						
9.0	1190	1189	1190	1189						
12.0	1180	1179	1180	1178						
15.0	1166	1165	1166	1163						
18.0	1149	1147	1148	1146						
21.0	1128	1127	1128	1125						
24.0	1104	1102	1104	1100						
27.0	1077	1075	1077	1073						
30.0	1046	1044	1046	1041						
33.0	1012	1011	1012	1007						
36.0	975.0	972.8	974.5	969.9						
39.0	934.6	932.3	934.5	928.9						
42.0	891.2	889.2	891.2	885.8						
45.0	845.1	843.3	845.7	839.4						
48.0	796.4	794.0	796.6	790.6						
51.0	744.9	742.7	745.0	739.3						
54.0	690.6	688.5	691.6	685.5						
57.0	634.7	632.7	635.5	629.7						
60.0	576.8	574.6	577.9	572.2						
63.0	516.8	515.0	518.7	513.2						
66.0	455.9	454.3	458.3	452.7						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:



## Photometric Data Table [cd]

69.0	394.1	393.0	397.3	392.1
72.0	331.4	331.9	336.3	331.2
75.0	268.0	270.5	275.6	271.0
78.0	204.9	208.9	215.2	210.6
81.0	144.5	148.4	155.7	152.1
84.0	88.45	91.20	97.70	95.81
87.0	37.50	37.85	43.77	43.12
90.0	0.1817	3.765	1.073	5.543
93.0	0.1582	0.1586	0.1553	0.1577
96.0	0.1943	0.1946	0.1914	0.1947
99.0	0.2284	0.2277	0.2271	0.2354
102.0	0.2579	0.2569	0.2584	0.2692
105.0	0.2867	0.2816	0.2833	0.2962
108.0	0.2949	0.2899	0.2891	0.3015
111.0	0.2962	0.2945	0.3016	0.3048
114.0	0.2985	0.2948	0.3161	0.3130
117.0	0.3021	0.3022	0.3335	0.3323
120.0	0.3178	0.3313	0.3608	0.3624
123.0	0.3423	0.3676	0.3811	0.3928
126.0	0.3885	0.4189	0.4234	0.4404
129.0	0.4621	0.4753	0.4759	0.4913
132.0	0.5229	0.5287	0.5269	0.5402
135.0	0.5767	0.5662	0.5716	0.5799
138.0	0.6218	0.6045	0.6039	0.6095
141.0	0.6574	0.6425	0.6443	0.6513
144.0	0.6900	0.6847	0.6808	0.6927
147.0	0.7208	0.7217	0.7141	0.7341
150.0	0.7483	0.7635	0.7605	0.7749
153.0	0.7852	0.7977	0.8156	0.8133
156.0	0.8090	0.8229	0.8645	0.8537
159.0	0.8214	0.8502	0.8935	0.8976
162.0	0.8313	0.8612	0.8899	0.8997
165.0	0.8368	0.8749	0.8988	0.8985
168.0	0.8292	0.8786	0.8975	0.8864
171.0	0.8256	0.8753	0.8938	0.8857
174.0	0.8192	0.8730	0.8843	0.8952
177.0	0.8112	0.8518	0.8531	0.8632
180.0	0.7916	0.8200	0.8127	0.8294

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 53.1%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks: