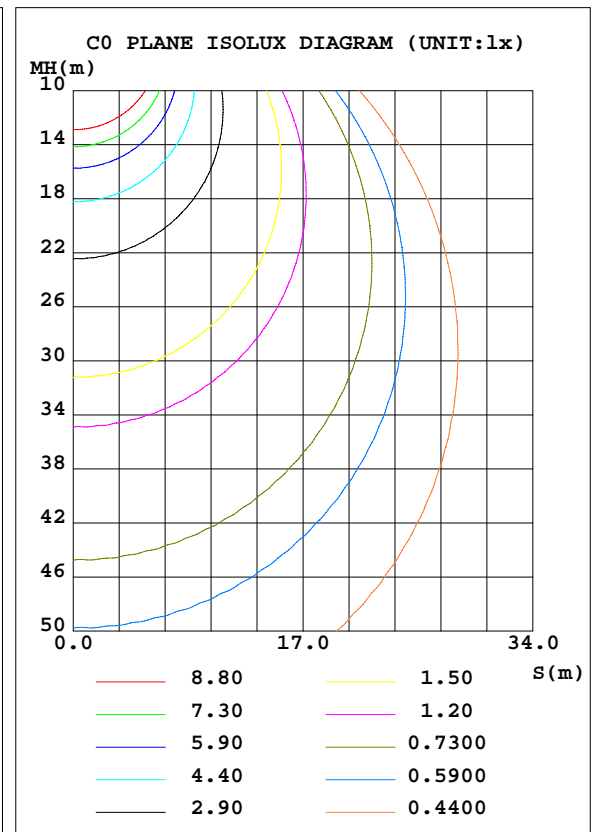
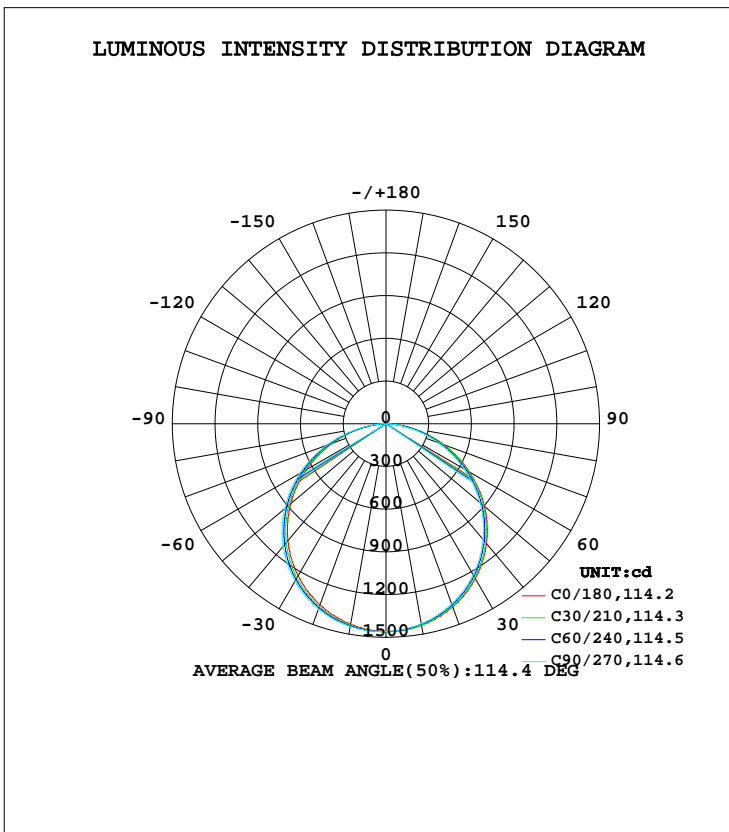


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.26 lm/W			
MODEL	ASD-BLP-22A35AC-MS-PRM	I <sub>max</sub> (cd)	1464	S/MH(C0/180)	1.26
NOMINAL POWER(W)	35	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	4270.3	η UP, DN(C0-180)	0.0,49.0
NOMINAL FLUX(lm)	4270.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.9
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: 25.3DEG  
 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	1440	1433	1426	1425	1432	1439	1447	1447	0- 10	138.2	138.2	3.24,3.24
20	1371	1361	1347	1345	1355	1371	1386	1385	10- 20	397.1	535.3	12.5,12.5
30	1256	1243	1224	1221	1235	1255	1277	1275	20- 30	605.0	1140	26.7,26.7
40	1099	1084	1060	1056	1073	1095	1124	1122	30- 40	734.5	1875	43.9,43.9
50	903.3	887.8	860.7	856.1	873.9	897.1	929.6	927.3	40- 50	767.4	2642	61.9,61.9
60	677.4	662.6	633.4	628.8	645.1	668.5	700.8	699.3	50- 60	698.0	3340	78.2,78.2
70	433.6	420.8	392.6	387.1	401.4	421.2	445.0	450.7	60- 70	536.8	3877	90.8,90.8
80	191.9	184.9	155.3	152.0	160.7	170.4	185.6	197.8	70- 80	311.8	4189	98.1,98.1
90	6.891	0.0251	0.0605	0.0221	0.1991	0.2427	0.1749	6.847	80- 90	78.41	4267	99.9,99.9
100	0.0921	0.0781	0.0935	0.0974	0.3645	0.3293	0.3112	0.3056	90-100	0.2354	4268	99.9,99.9
110	0.1853	0.1464	0.1719	0.1868	0.4352	0.3944	0.3864	0.3709	100-110	0.2647	4268	99.9,99.9
120	0.3536	0.2711	0.2927	0.3247	0.5090	0.4426	0.4136	0.4257	110-120	0.3214	4268	99.9,99.9
130	0.5094	0.4283	0.4387	0.4795	0.6882	0.6965	0.6065	0.6347	120-130	0.4122	4269	100,100
140	0.6058	0.5318	0.5722	0.5768	0.8265	0.8767	0.8408	0.7937	130-140	0.4913	4269	100,100
150	0.6736	0.6178	0.5973	0.6436	0.9750	1.017	0.9625	0.9519	140-150	0.4704	4270	100,100
160	0.7984	0.6867	0.6339	0.7445	1.126	1.151	1.054	1.068	150-160	0.3983	4270	100,100
170	0.9203	0.8883	0.7972	0.8793	1.124	1.184	1.074	1.075	160-170	0.2690	4270	100,100
180	1.041	1.066	0.9909	1.015	1.042	1.067	0.9909	1.015	170-180	0.0964	4270	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 13.8 %									UNIT:lm		

Conical surface Flux(90deg): 2260.9 lm

%lum = 52.9%  
%lamp = 52.9%

Conical surface Flux(120deg): 3340.3 lm

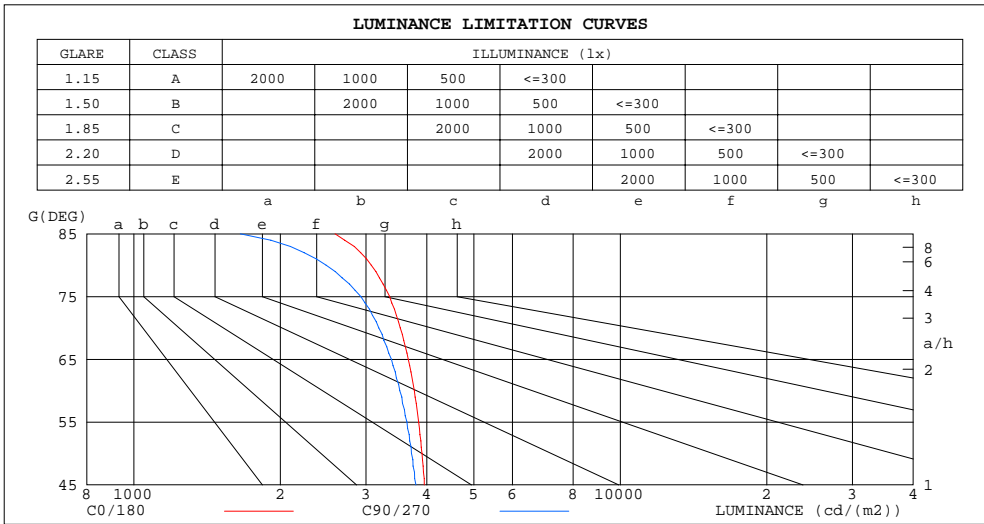
%lum = 78.2%  
%lamp = 78.2%

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2592	1655
80	3075	2484
75	3357	2928
70	3529	3189
65	3665	3385
60	3771	3519
55	3850	3642
50	3912	3720
45	3953	3799

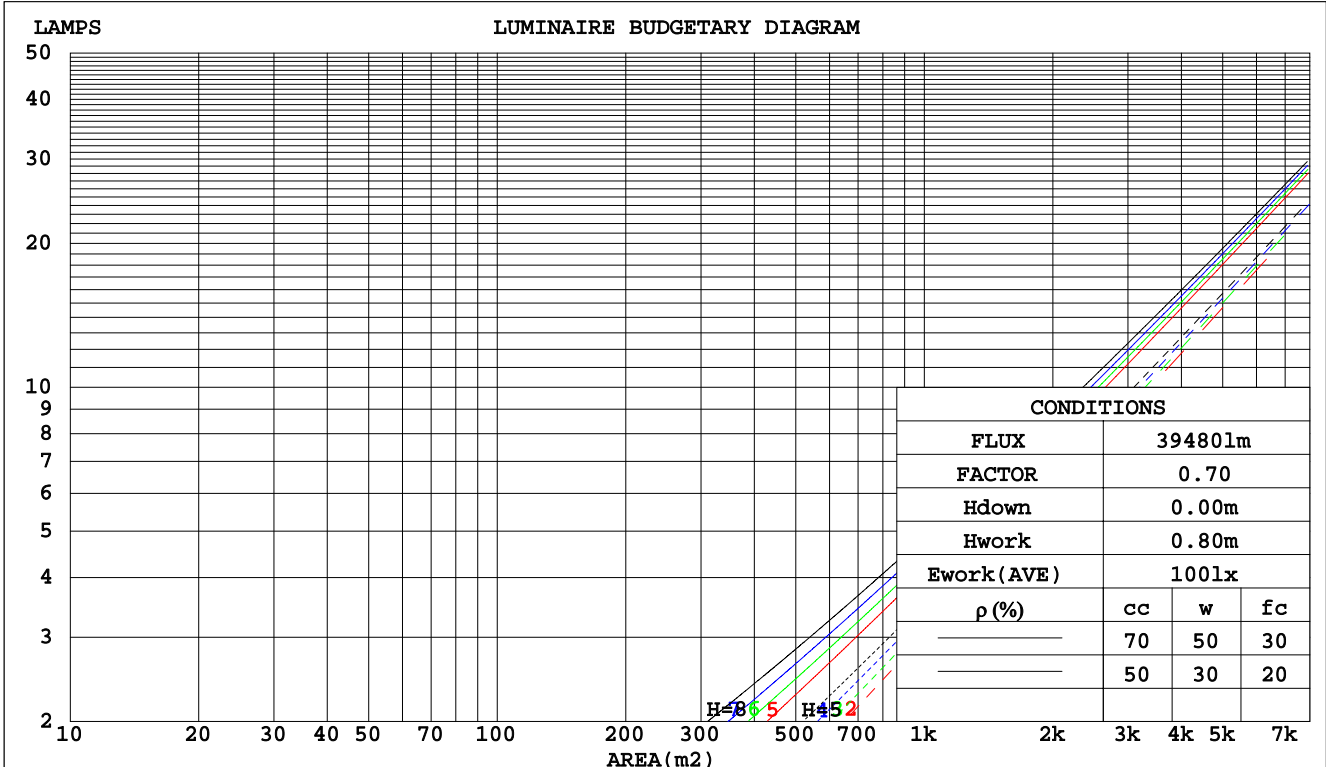
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

$\gamma$  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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	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	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.87	.86	.83
2.0	.90	.83	.77	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	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	.312	.177	.056	.305	.174	.055	.291	.167	.053	.279	.161	.052	.268	.155	.050	
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045	
3.0	.272	.145	.043	.266	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.130	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.120	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.212	.112	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.187	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.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	.165	.115	.075	.142	.099	.065	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.040	.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: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm										
NAME: ASD Lighting Corp					TYPE:LED			WEIGHT:		
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)					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	12.8	14.3	14.5	12.3	13.8	12.6	14.0	14.2
3H	14.2	15.6	14.5	15.8	16.1	13.8	15.2	14.1	15.5	15.7
4H	14.8	16.2	15.2	16.4	16.7	14.4	15.7	14.7	16.0	16.3
6H	15.3	16.6	15.7	16.9	17.2	14.8	16.1	15.1	16.3	16.6
8H	15.5	16.7	15.8	17.0	17.3	14.9	16.1	15.2	16.4	16.7
12H	15.6	16.8	16.0	17.1	17.4	14.9	16.1	15.3	16.4	16.7
4H 2H	13.2	14.5	13.5	14.8	15.0	13.0	14.3	13.3	14.6	14.8
3H	15.0	16.1	15.3	16.4	16.7	14.6	15.8	15.0	16.1	16.4
4H	15.8	16.8	16.1	17.2	17.5	15.4	16.4	15.7	16.8	17.1
6H	16.4	17.4	16.8	17.7	18.1	15.9	16.8	16.3	17.2	17.6
8H	16.6	17.5	17.0	17.9	18.3	16.0	16.9	16.5	17.3	17.7
12H	16.8	17.6	17.2	18.0	18.4	16.1	16.9	16.5	17.3	17.7
8H 4H	16.0	16.9	16.4	17.3	17.7	15.7	16.6	16.1	16.9	17.3
6H	16.8	17.6	17.3	18.0	18.4	16.3	17.1	16.8	17.5	17.9
8H	17.1	17.8	17.6	18.2	18.7	16.6	17.2	17.0	17.7	18.1
12H	17.4	17.9	17.8	18.4	18.9	16.7	17.3	17.2	17.7	18.2
12H 4H	16.0	16.9	16.5	17.2	17.7	15.7	16.5	16.1	16.9	17.3
6H	16.9	17.5	17.3	18.0	18.4	16.4	17.1	16.9	17.5	18.0
8H	17.2	17.8	17.7	18.2	18.7	16.7	17.3	17.2	17.7	18.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 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, 4270 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.0)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

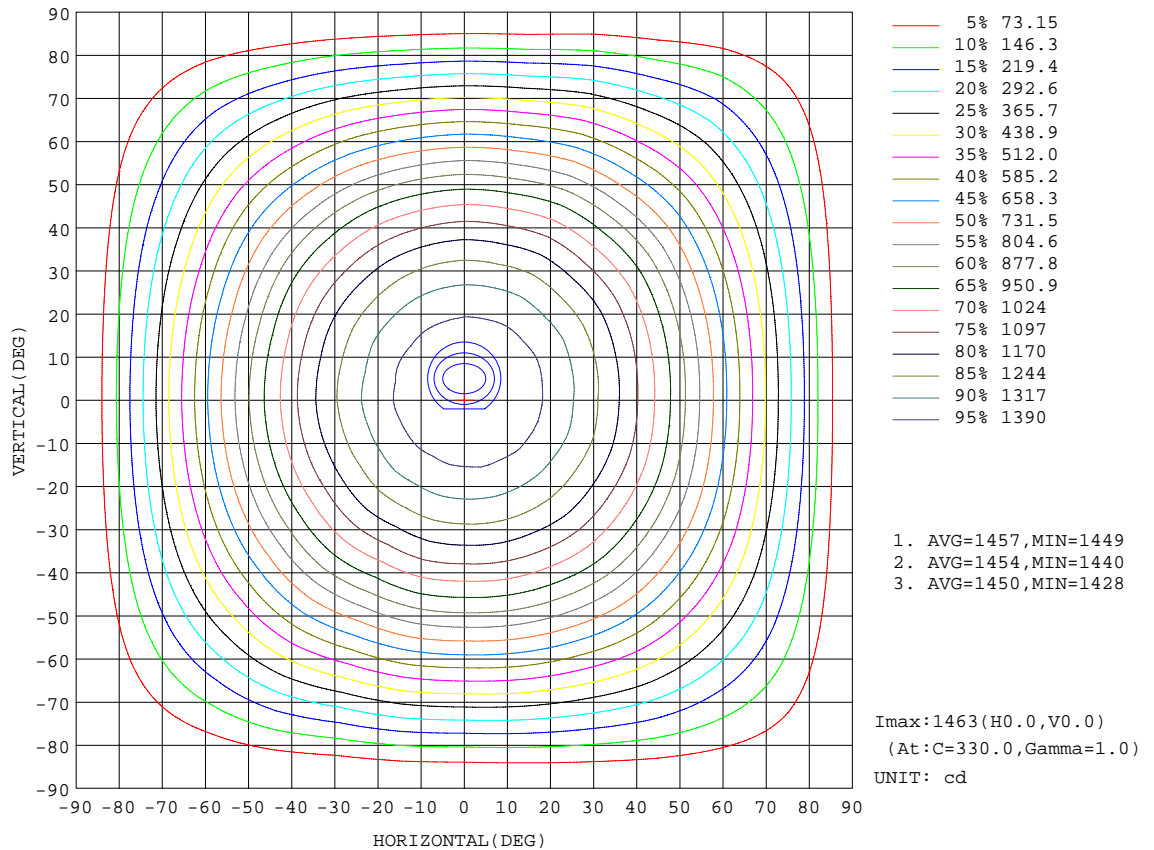
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	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: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



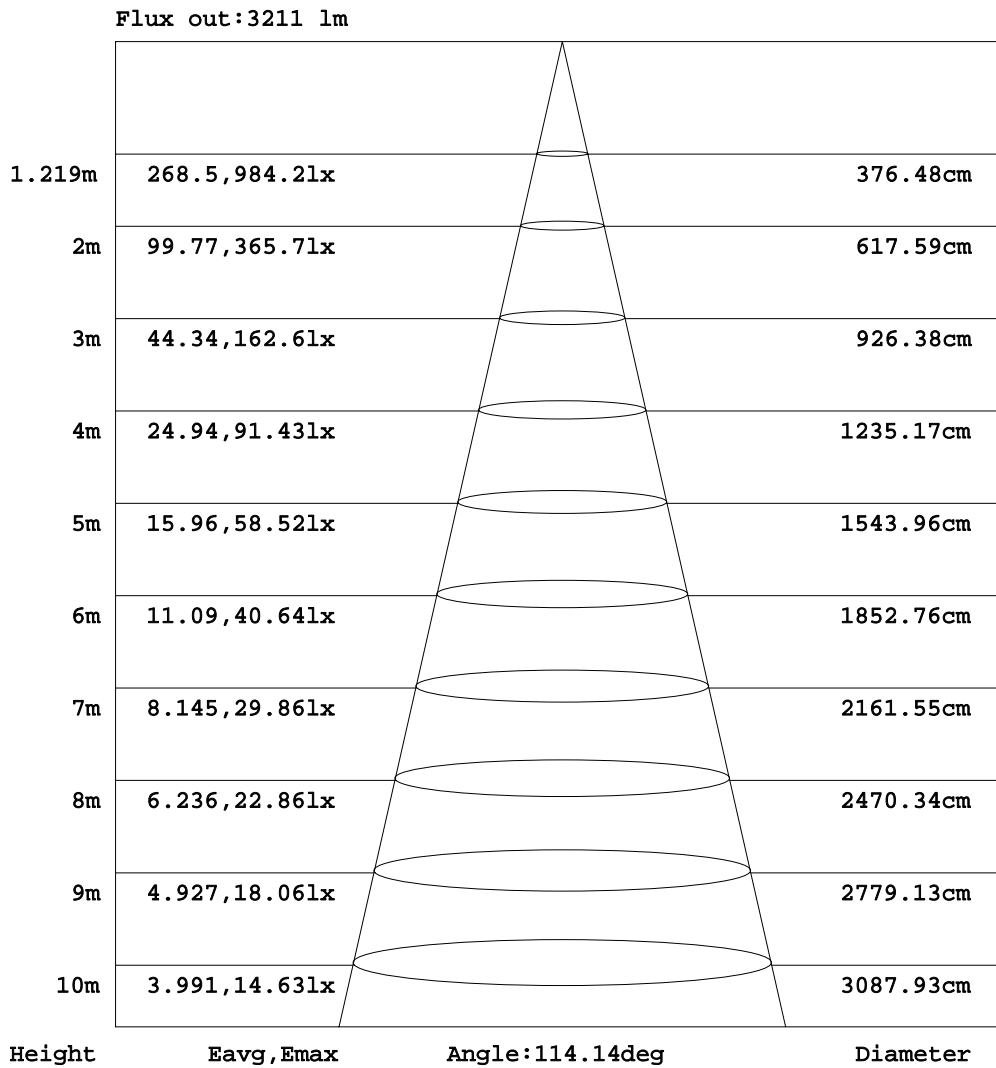
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:Alan Wang  
 Test Date:25 March 2020

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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



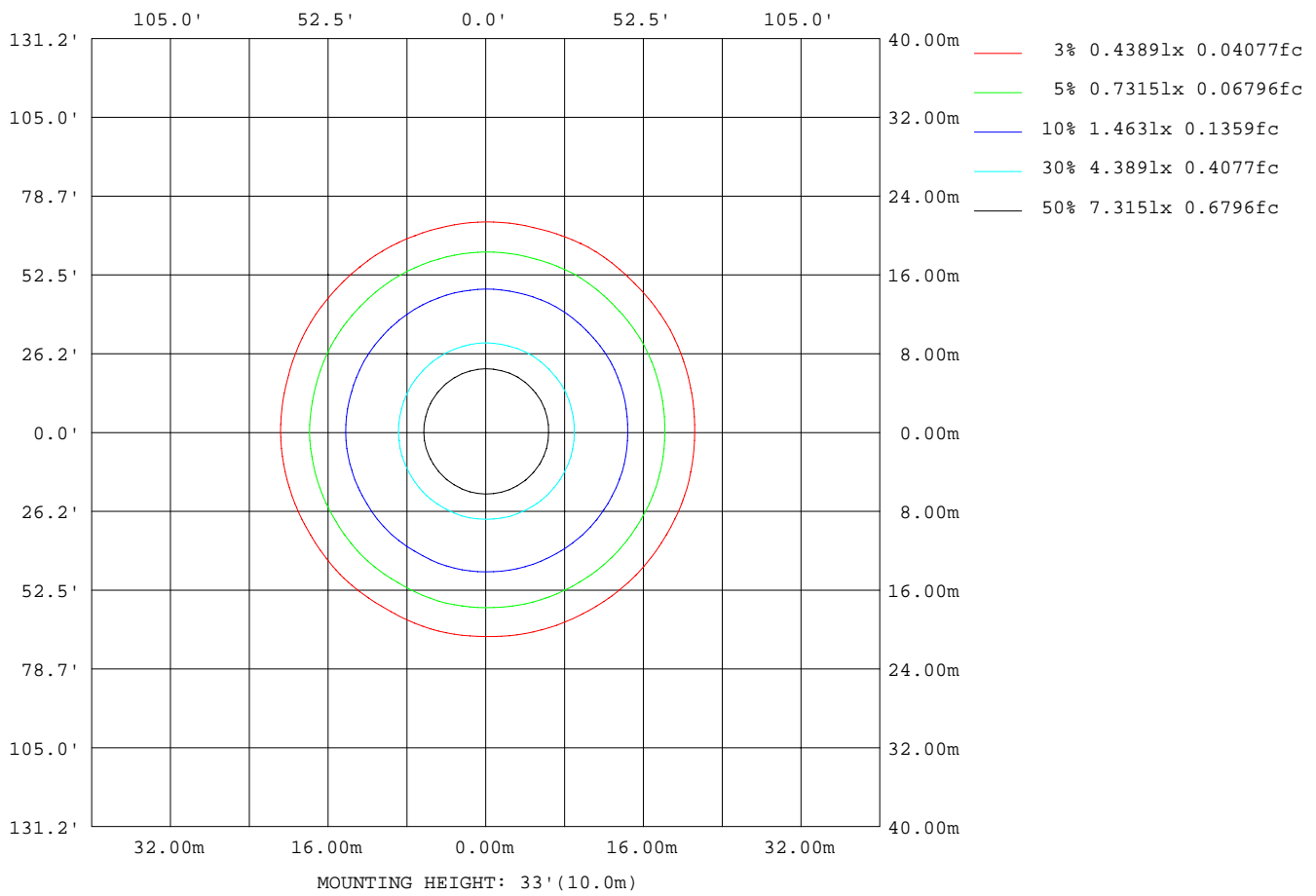
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

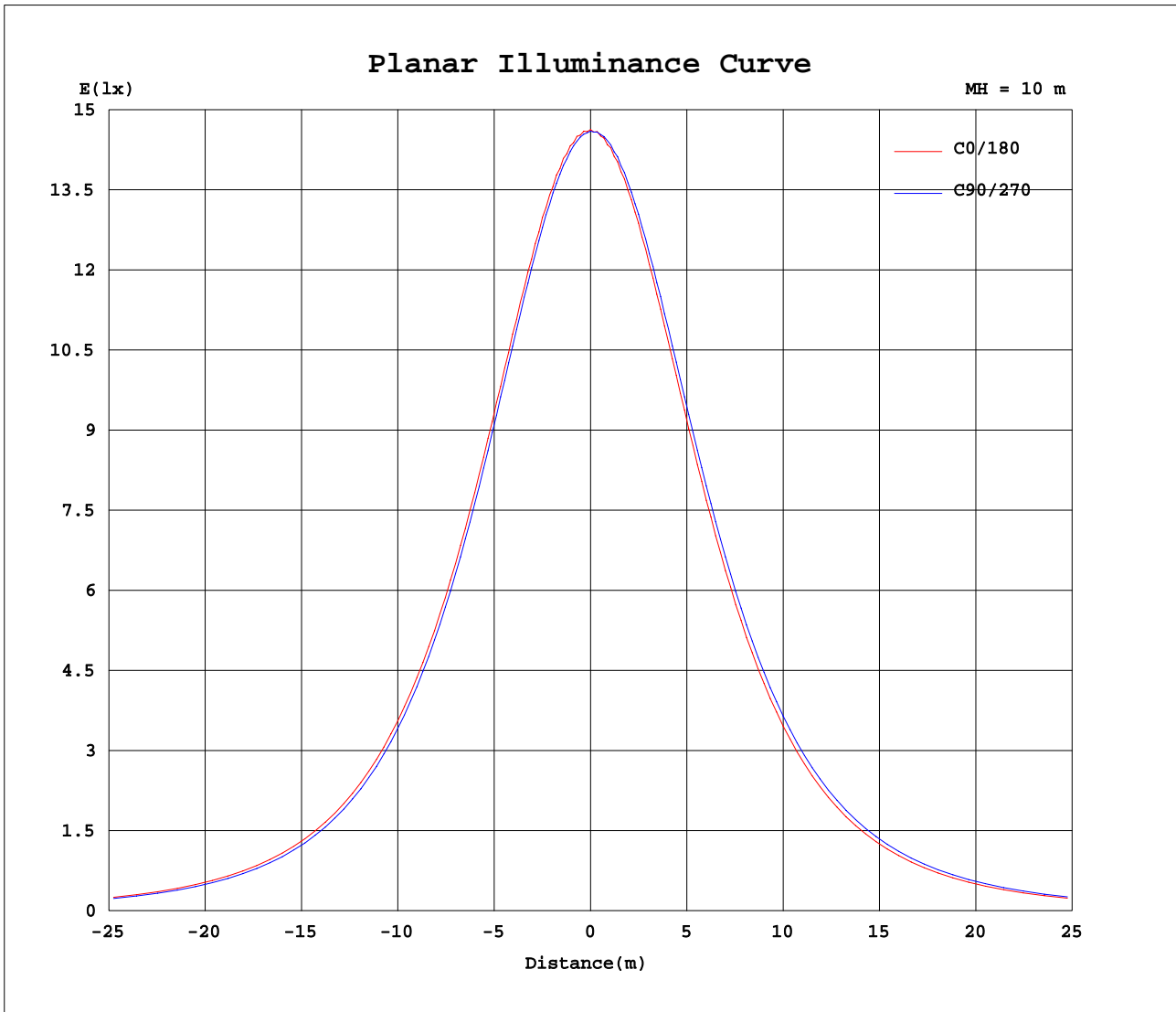
AvgL	cd/m2
L_0~180(65)av	3549
L_0~180(75)av	3174
L_0~180(85)av	2136
L_90~270(65)av	3580
L_90~270(75)av	3132
L_90~270(85)av	2000
L_45(65)av	3571
L_45(75)av	3187
L_45(85)av	2070

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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: 25.3DEG  
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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	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	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460
5	1452	1460	1457	1456	1452	1447	1449	1448	1446	1450	1452	1451	1448	1456	1458	1458	1456	1454	1459
10	1440	1439	1434	1433	1429	1429	1426	1428	1426	1425	1425	1429	1432	1433	1436	1439	1442	1444	1447
15	1407	1414	1408	1407	1399	1393	1393	1392	1388	1393	1394	1394	1396	1405	1410	1413	1414	1414	1420
20	1371	1371	1363	1361	1354	1352	1347	1349	1344	1345	1344	1351	1355	1358	1366	1371	1377	1380	1386
25	1316	1321	1313	1311	1302	1294	1293	1290	1284	1292	1290	1293	1299	1307	1316	1320	1324	1327	1336
30	1256	1257	1246	1243	1233	1230	1224	1225	1218	1221	1219	1228	1235	1239	1248	1255	1264	1270	1277
35	1181	1185	1174	1172	1161	1152	1149	1146	1137	1145	1144	1149	1157	1166	1177	1183	1190	1195	1206
40	1099	1100	1088	1084	1073	1067	1060	1062	1052	1056	1054	1065	1073	1076	1088	1095	1107	1115	1124
45	1004	1007	995	992	980	972	967	964	952	963	958	966	975	983	995	1002	1013	1020	1031
50	903	904	893	888	875	869	861	863	850	856	853	864	874	876	889	897	911	919	930
55	793	794	783	779	767	759	752	750	736	747	742	751	761	766	780	787	798	805	817
60	677	679	667	663	649	642	633	636	621	629	624	635	645	647	660	668	681	689	701
65	556	558	547	543	530	524	515	514	499	509	504	513	524	526	540	546	557	563	575
70	434	437	426	421	408	402	393	394	379	387	382	392	401	402	415	421	431	435	445
75	312	315	305	301	289	283	273	273	260	269	262	270	279	280	292	295	300	302	311
80	192	195	188	185	172	164	155	156	144	152	148	153	161	161	170	170	176	179	186
85	81.2	84.3	78.9	74.0	65.8	59.4	51.9	51.5	40.0	45.3	40.4	46.7	52.9	52.0	56.8	58.5	63.9	67.9	73.6
90	6.89	0.31	6.48	0.03	0.14	0.02	0.06	0.02	0.02	0.02	0.02	0.02	0.20	0.34	0.20	0.24	0.18	0.31	0.17
95	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.28	0.27	0.27	0.26	0.26	0.25	0.24
100	0.09	0.08	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.36	0.36	0.33	0.33	0.32	0.32	0.31
105	0.14	0.13	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.14	0.15	0.42	0.42	0.39	0.38	0.38	0.37	0.37
110	0.19	0.18	0.15	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.20	0.21	0.44	0.43	0.40	0.39	0.39	0.39	0.39
115	0.27	0.23	0.21	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.26	0.27	0.45	0.45	0.44	0.40	0.40	0.39	0.39
120	0.35	0.31	0.30	0.27	0.29	0.29	0.29	0.30	0.31	0.32	0.35	0.35	0.51	0.50	0.50	0.44	0.42	0.42	0.41
125	0.44	0.40	0.38	0.35	0.37	0.35	0.36	0.37	0.39	0.41	0.42	0.43	0.58	0.58	0.57	0.56	0.50	0.49	0.49
130	0.51	0.48	0.45	0.43	0.45	0.44	0.44	0.44	0.47	0.48	0.48	0.50	0.69	0.69	0.68	0.70	0.66	0.62	0.61
135	0.58	0.54	0.52	0.48	0.51	0.53	0.51	0.52	0.53	0.53	0.54	0.55	0.76	0.77	0.78	0.81	0.79	0.76	0.75
140	0.61	0.56	0.56	0.53	0.56	0.59	0.57	0.56	0.57	0.58	0.58	0.58	0.83	0.83	0.85	0.88	0.88	0.86	0.84
145	0.63	0.60	0.59	0.57	0.58	0.59	0.59	0.59	0.61	0.61	0.60	0.62	0.90	0.91	0.92	0.95	0.94	0.93	0.93
150	0.67	0.67	0.64	0.62	0.59	0.61	0.60	0.61	0.63	0.64	0.64	0.66	0.98	0.99	0.99	1.02	1.00	0.99	0.96
155	0.73	0.74	0.71	0.66	0.64	0.66	0.63	0.67	0.69	0.70	0.71	0.72	1.05	1.08	1.09	1.08	1.06	1.04	1.01
160	0.80	0.81	0.77	0.69	0.66	0.67	0.63	0.71	0.74	0.74	0.77	0.77	1.13	1.15	1.15	1.15	1.12	1.10	1.05
165	0.85	0.87	0.84	0.79	0.72	0.72	0.70	0.76	0.80	0.82	0.83	0.82	1.12	1.16	1.17	1.18	1.16	1.11	1.06
170	0.92	0.93	0.92	0.89	0.79	0.80	0.80	0.83	0.87	0.88	0.89	0.89	1.12	1.17	1.18	1.18	1.16	1.07	1.07
175	1.03	1.04	1.03	1.01	0.95	0.94	0.90	0.93	0.99	0.99	1.00	1.01	1.12	1.14	1.16	1.14	1.12	1.07	1.02
180	1.04	1.06	1.06	1.07	1.04	0.99	0.99	0.97	0.98	1.02	1.01	1.03	1.04	1.06	1.06	1.07	1.04	0.99	0.99

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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:0.2879A P:33.82W PF:0.9755 Freq:60.00Hz Lamp Flux:4270.3x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22A35AC-MS-PRM(3000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1460	1460	1460	1460	1460														
5	1460	1460	1459	1461	1459														
10	1446	1448	1447	1446	1442														
15	1423	1424	1421	1423	1418														
20	1385	1387	1385	1384	1377														
25	1339	1341	1335	1337	1330														
30	1276	1282	1275	1274	1266														
35	1206	1212	1204	1206	1195														
40	1123	1131	1122	1121	1111														
45	1032	1039	1029	1031	1019														
50	927	937	927	928	916														
55	818	827	816	819	807														
60	698	708	699	701	689														
65	574	587	575	580	570														
70	442	458	451	455	444														
75	310	327	323	331	322														
80	184	199	198	208	200														
85	72.9	85.2	82.0	90.3	88.0														
90	5.07	0.22	6.85	0.41	3.87														
95	0.24	0.23	0.24	0.23	0.24														
100	0.31	0.30	0.31	0.30	0.32														
105	0.36	0.36	0.36	0.36	0.38														
110	0.38	0.37	0.37	0.38	0.39														
115	0.38	0.38	0.37	0.42	0.41														
120	0.40	0.40	0.43	0.47	0.46														
125	0.48	0.45	0.52	0.52	0.54														
130	0.62	0.61	0.63	0.62	0.64														
135	0.74	0.73	0.72	0.72	0.72														
140	0.80	0.81	0.79	0.79	0.80														
145	0.90	0.87	0.88	0.86	0.87														
150	0.94	0.93	0.95	0.95	0.96														
155	1.01	1.01	1.02	1.05	1.04														
160	1.04	1.03	1.07	1.10	1.11														
165	1.06	1.04	1.08	1.11	1.11														
170	1.05	1.02	1.08	1.11	1.09														
175	1.06	1.03	1.08	1.09	1.11														
180	0.97	0.98	1.02	1.01	1.03														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460
3.0	1455	1462	1461	1461	1455	1452	1455	1455	1454	1456
6.0	1453	1453	1450	1450	1448	1447	1445	1446	1445	1445
9.0	1440	1447	1444	1441	1435	1431	1432	1432	1429	1433
12.0	1429	1429	1425	1423	1418	1417	1413	1416	1414	1413
15.0	1407	1414	1408	1407	1399	1393	1393	1392	1388	1393
18.0	1388	1388	1381	1379	1372	1370	1366	1368	1364	1365
21.0	1358	1364	1357	1355	1345	1339	1338	1336	1331	1337
24.0	1330	1330	1321	1319	1310	1308	1303	1304	1299	1300
27.0	1293	1297	1289	1286	1276	1269	1267	1265	1258	1265
30.0	1256	1257	1246	1243	1233	1230	1224	1225	1218	1221
33.0	1211	1215	1205	1202	1192	1184	1181	1178	1170	1178
36.0	1167	1167	1157	1153	1141	1136	1130	1132	1123	1127
39.0	1114	1118	1107	1104	1092	1085	1081	1078	1068	1077
42.0	1063	1063	1052	1047	1035	1030	1023	1025	1014	1019
45.0	1004	1007	995.2	992.3	979.9	972.3	966.9	964.5	952.3	962.8
48.0	945.3	946.4	934.4	929.7	916.8	911.8	903.1	905.5	893.1	898.2
51.0	881.2	882.8	870.9	868.1	855.2	848.2	841.6	839.4	826.3	836.8
54.0	816.1	817.6	805.4	800.5	787.3	781.1	772.9	774.4	761.4	767.7
57.0	747.5	749.0	737.1	733.4	720.6	713.5	705.7	704.1	690.2	700.7
60.0	677.4	679.4	667.1	662.6	649.0	642.3	633.4	635.6	621.0	628.8
63.0	605.6	606.6	595.3	591.4	578.7	571.8	563.2	561.9	547.3	558.0
66.0	532.2	534.4	522.6	518.2	504.7	498.3	489.0	490.3	476.0	484.1
69.0	458.9	460.3	449.4	445.7	433.2	426.5	417.7	416.8	402.4	412.3
72.0	384.5	387.5	377.0	372.8	360.1	353.5	344.3	345.4	331.3	339.0
75.0	312.1	314.5	304.5	301.1	289.4	282.9	272.8	273.1	260.2	268.8
78.0	238.9	242.6	234.8	231.2	218.7	210.9	200.6	201.5	189.9	198.2
81.0	169.1	171.9	165.5	162.0	149.8	142.1	133.6	133.3	122.3	129.5
84.0	101.9	105.8	99.81	95.24	86.26	78.73	71.99	71.01	60.29	65.39
87.0	39.75	44.05	37.24	37.22	27.14	24.62	15.79	18.82	6.403	15.37
90.0	6.891	0.3079	6.478	0.0251	0.1436	0.0151	0.0605	0.0182	0.0215	0.0221
93.0	0.0277	0.0287	0.0297	0.0325	0.0327	0.0348	0.0378	0.0391	0.0431	0.0437
96.0	0.0530	0.0502	0.0496	0.0521	0.0533	0.0554	0.0624	0.0613	0.0647	0.0671
99.0	0.0815	0.0721	0.0680	0.0719	0.0734	0.0765	0.0865	0.0832	0.0877	0.0900
102.0	0.1102	0.0992	0.0883	0.0915	0.0950	0.0982	0.1079	0.1059	0.1119	0.1150
105.0	0.1368	0.1263	0.1088	0.1128	0.1190	0.1216	0.1290	0.1309	0.1367	0.1402
108.0	0.1621	0.1529	0.1342	0.1348	0.1405	0.1461	0.1534	0.1569	0.1615	0.1669
111.0	0.2014	0.1877	0.1602	0.1539	0.1680	0.1721	0.1823	0.1852	0.1937	0.1959
114.0	0.2497	0.2167	0.1998	0.1877	0.1940	0.2053	0.2158	0.2209	0.2298	0.2321
117.0	0.3007	0.2625	0.2425	0.2261	0.2361	0.2441	0.2519	0.2601	0.2706	0.2712
120.0	0.3536	0.3109	0.2992	0.2711	0.2864	0.2853	0.2927	0.3018	0.3134	0.3247
123.0	0.4081	0.3629	0.3505	0.3232	0.3368	0.3238	0.3349	0.3436	0.3598	0.3735
126.0	0.4509	0.4106	0.3966	0.3676	0.3886	0.3644	0.3749	0.3827	0.4090	0.4316
129.0	0.4956	0.4628	0.4302	0.4198	0.4360	0.4173	0.4204	0.4299	0.4532	0.4681
132.0	0.5409	0.5064	0.4799	0.4489	0.4856	0.4730	0.4669	0.4732	0.5002	0.5018
135.0	0.5760	0.5372	0.5206	0.4846	0.5097	0.5293	0.5147	0.5243	0.5309	0.5260
138.0	0.5950	0.5515	0.5380	0.5141	0.5417	0.5680	0.5522	0.5472	0.5579	0.5509
141.0	0.6114	0.5660	0.5652	0.5419	0.5576	0.5959	0.5799	0.5728	0.5743	0.5834
144.0	0.6275	0.5899	0.5848	0.5578	0.5762	0.5900	0.5853	0.5845	0.6007	0.6023
147.0	0.6451	0.6217	0.6109	0.5891	0.5817	0.5901	0.5937	0.5940	0.6152	0.6231
150.0	0.6736	0.6665	0.6439	0.6178	0.5864	0.6077	0.5973	0.6080	0.6333	0.6436
153.0	0.7098	0.7152	0.6831	0.6473	0.6146	0.6415	0.6221	0.6452	0.6684	0.6780
156.0	0.7412	0.7525	0.7198	0.6715	0.6416	0.6698	0.6314	0.6773	0.6996	0.7110
159.0	0.7867	0.7993	0.7651	0.6827	0.6485	0.6730	0.6284	0.7056	0.7296	0.7357
162.0	0.8090	0.8213	0.7905	0.7073	0.6716	0.6776	0.6457	0.7260	0.7541	0.7635
165.0	0.8507	0.8662	0.8429	0.7857	0.7191	0.7178	0.7045	0.7635	0.8039	0.8171
168.0	0.9078	0.9147	0.8992	0.8653	0.7954	0.7825	0.7680	0.8185	0.8648	0.8703
171.0	0.9184	0.9259	0.9129	0.8885	0.7914	0.8146	0.8021	0.8231	0.8685	0.8751
174.0	1.002	1.013	0.9988	0.9728	0.9062	0.9138	0.8715	0.8993	0.9577	0.9564
177.0	1.036	1.049	1.048	1.036	0.9922	0.9807	0.9428	0.9468	1.005	1.004
180.0	1.041	1.057	1.058	1.066	1.037	0.9912	0.9909	0.9703	0.9817	1.015
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1460	1460	1460	1460	1460	1460	1460	1460	1460	1460
3.0	1458	1456	1454	1461	1462	1462	1458	1456	1459	1461
6.0	1445	1448	1450	1449	1452	1453	1455	1456	1458	1458
9.0	1434	1433	1433	1441	1445	1445	1444	1444	1448	1452
12.0	1413	1417	1420	1421	1426	1429	1433	1435	1438	1438
15.0	1394	1394	1396	1405	1410	1413	1414	1414	1420	1423
18.0	1364	1370	1375	1377	1383	1388	1393	1397	1402	1401
21.0	1337	1339	1344	1351	1358	1362	1365	1367	1374	1378
24.0	1299	1307	1312	1315	1324	1330	1337	1341	1348	1347
27.0	1264	1268	1273	1282	1291	1296	1302	1305	1314	1316
30.0	1219	1228	1235	1239	1248	1255	1264	1270	1277	1276

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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	1176	1181	1188	1198	1207	1214	1221	1225	1235	1237
36.0	1125	1135	1143	1146	1157	1164	1176	1183	1191	1190
39.0	1074	1080	1089	1097	1108	1115	1124	1130	1140	1140
42.0	1016	1027	1036	1039	1051	1059	1071	1078	1089	1087
45.0	958.5	966.0	975.3	983.0	995.2	1002	1013	1020	1031	1032
48.0	895.1	906.7	916.5	918.3	931.9	939.7	952.9	961.5	971.8	969.8
51.0	831.4	840.1	850.4	856.0	869.9	876.3	887.9	894.9	906.2	906.8
54.0	763.4	775.5	784.9	787.2	800.4	808.7	822.5	830.2	841.7	839.4
57.0	695.3	704.3	715.0	719.8	733.2	739.9	751.7	759.0	770.7	770.8
60.0	624.3	635.4	645.1	646.9	660.5	668.5	681.3	688.8	700.8	697.9
63.0	552.3	561.8	572.3	575.6	588.8	595.2	607.0	613.8	625.2	625.2
66.0	479.7	490.1	499.4	500.7	514.0	521.2	533.5	539.2	550.1	547.5
69.0	406.2	415.7	425.6	427.3	440.1	445.8	456.3	460.4	470.0	470.1
72.0	334.4	343.5	352.3	352.7	365.2	370.6	379.5	381.1	390.8	388.7
75.0	262.4	269.9	279.3	279.9	292.1	294.9	300.4	302.3	310.9	310.2
78.0	192.8	199.0	207.6	207.6	218.5	219.1	224.7	227.1	235.0	233.0
81.0	125.4	130.8	138.3	138.7	146.0	146.3	152.4	155.1	161.7	161.5
84.0	61.55	67.17	73.37	73.10	77.94	79.47	85.42	88.90	94.83	93.70
87.0	14.67	15.99	18.92	13.34	21.82	19.32	29.33	27.79	36.15	32.73
90.0	0.0242	0.0227	0.1991	0.3440	0.1955	0.2427	0.1814	0.3067	0.1749	5.065
93.0	0.0485	0.0424	0.2456	0.2450	0.2380	0.2354	0.2247	0.2187	0.2125	0.2128
96.0	0.0693	0.0691	0.2993	0.2889	0.2820	0.2770	0.2678	0.2618	0.2574	0.2559
99.0	0.0925	0.0962	0.3497	0.3398	0.3203	0.3161	0.3089	0.3022	0.2986	0.2968
102.0	0.1172	0.1217	0.3896	0.3913	0.3571	0.3520	0.3456	0.3391	0.3349	0.3324
105.0	0.1416	0.1522	0.4197	0.4225	0.3893	0.3828	0.3792	0.3703	0.3698	0.3647
108.0	0.1723	0.1864	0.4300	0.4306	0.3985	0.3927	0.3908	0.3835	0.3854	0.3760
111.0	0.2063	0.2186	0.4365	0.4339	0.4030	0.3941	0.3915	0.3868	0.3870	0.3789
114.0	0.2457	0.2570	0.4493	0.4420	0.4324	0.3966	0.3954	0.3878	0.3896	0.3809
117.0	0.2935	0.3009	0.4715	0.4658	0.4618	0.4080	0.4014	0.3981	0.3981	0.3901
120.0	0.3473	0.3509	0.5090	0.5010	0.5009	0.4426	0.4241	0.4153	0.4136	0.4048
123.0	0.3917	0.4031	0.5516	0.5445	0.5454	0.5118	0.4644	0.4558	0.4510	0.4466
126.0	0.4265	0.4435	0.6057	0.6013	0.5928	0.5898	0.5268	0.5149	0.5180	0.5009
129.0	0.4638	0.4917	0.6690	0.6702	0.6594	0.6701	0.6277	0.5844	0.5834	0.5797
132.0	0.5118	0.5231	0.7198	0.7264	0.7246	0.7464	0.7134	0.6891	0.6772	0.6780
135.0	0.5388	0.5478	0.7647	0.7731	0.7796	0.8061	0.7914	0.7648	0.7501	0.7397
138.0	0.5625	0.5681	0.8002	0.8111	0.8222	0.8486	0.8479	0.8270	0.7988	0.7773
141.0	0.5813	0.5894	0.8381	0.8451	0.8591	0.8859	0.8921	0.8778	0.8616	0.8171
144.0	0.5979	0.6145	0.8798	0.8940	0.9046	0.9338	0.9280	0.9210	0.9115	0.8696
147.0	0.6148	0.6389	0.9273	0.9436	0.9464	0.9791	0.9675	0.9564	0.9514	0.9195
150.0	0.6403	0.6594	0.9750	0.9866	0.9892	1.017	1.000	0.9913	0.9625	0.9444
153.0	0.6827	0.6927	1.021	1.040	1.054	1.053	1.039	1.022	0.9906	0.9866
156.0	0.7260	0.7330	1.072	1.106	1.109	1.092	1.078	1.053	1.015	1.015
159.0	0.7597	0.7635	1.128	1.141	1.144	1.140	1.118	1.092	1.054	1.040
162.0	0.7813	0.7789	1.121	1.146	1.157	1.165	1.130	1.101	1.050	1.026
165.0	0.8287	0.8212	1.124	1.161	1.168	1.182	1.156	1.105	1.063	1.057
168.0	0.8857	0.8775	1.128	1.179	1.193	1.190	1.165	1.102	1.082	1.057
171.0	0.8855	0.8921	1.127	1.173	1.181	1.179	1.148	1.067	1.059	1.052
174.0	0.9715	0.9710	1.119	1.148	1.167	1.147	1.121	1.066	1.024	1.058
177.0	1.015	1.021	1.092	1.100	1.123	1.112	1.101	1.034	1.015	1.013
180.0	1.007	1.025	1.042	1.056	1.058	1.067	1.038	0.9908	0.9909	0.9707
G/C	300.0	315.0	330.0	345.0						
0.0	1460	1460	1460	1460						
3.0	1461	1461	1464	1461						
6.0	1460	1459	1458	1455						
9.0	1452	1450	1453	1448						
12.0	1441	1438	1437	1433						
15.0	1424	1421	1423	1418						
18.0	1403	1401	1400	1394						
21.0	1381	1374	1376	1370						
24.0	1352	1347	1345	1338						
27.0	1319	1312	1315	1306						
30.0	1282	1275	1274	1266						
33.0	1241	1234	1235	1225						
36.0	1197	1187	1188	1178						
39.0	1147	1139	1141	1129						
42.0	1095	1086	1086	1075						
45.0	1039	1029	1031	1019						
48.0	978.1	969.0	970.1	957.8						
51.0	916.8	904.7	908.7	895.8						
54.0	849.7	839.9	840.7	828.5						
57.0	781.1	769.7	773.2	760.9						
60.0	708.4	699.3	701.3	689.2						
63.0	636.6	625.1	629.4	618.2						
66.0	560.6	551.5	554.8	543.4						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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	485.1	474.9	479.8	469.8
72.0	405.7	400.0	405.2	394.6
75.0	327.3	322.9	330.6	321.7
78.0	250.1	247.5	257.7	247.7
81.0	176.0	172.7	183.6	177.4
84.0	106.9	103.5	112.9	109.2
87.0	43.93	39.21	47.62	45.54
90.0	0.2192	6.847	0.4073	3.866
93.0	0.2047	0.2092	0.2047	0.2106
96.0	0.2480	0.2538	0.2498	0.2540
99.0	0.2885	0.2928	0.2911	0.3075
102.0	0.3240	0.3286	0.3294	0.3482
105.0	0.3590	0.3572	0.3572	0.3782
108.0	0.3708	0.3688	0.3663	0.3874
111.0	0.3737	0.3717	0.3890	0.3929
114.0	0.3760	0.3742	0.4105	0.4044
117.0	0.3790	0.3818	0.4344	0.4287
120.0	0.3969	0.4257	0.4691	0.4605
123.0	0.4242	0.4763	0.4882	0.5003
126.0	0.4839	0.5425	0.5415	0.5572
129.0	0.5802	0.6113	0.6027	0.6204
132.0	0.6613	0.6783	0.6661	0.6763
135.0	0.7281	0.7202	0.7183	0.7247
138.0	0.7855	0.7654	0.7551	0.7633
141.0	0.8237	0.8071	0.8041	0.8117
144.0	0.8631	0.8606	0.8492	0.8576
147.0	0.8986	0.9022	0.8901	0.9039
150.0	0.9328	0.9519	0.9468	0.9551
153.0	0.9769	0.9954	1.013	1.007
156.0	1.008	1.024	1.073	1.060
159.0	1.024	1.059	1.104	1.111
162.0	1.035	1.072	1.095	1.113
165.0	1.045	1.085	1.111	1.108
168.0	1.031	1.084	1.110	1.094
171.0	1.025	1.088	1.110	1.100
174.0	1.015	1.086	1.097	1.110
177.0	1.012	1.056	1.058	1.063
180.0	0.9820	1.015	1.008	1.026

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 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: