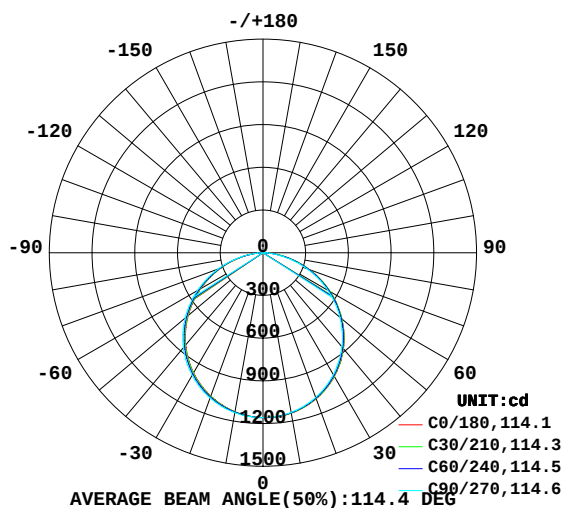


LUMINAIRE PHOTOMETRIC TEST REPORT

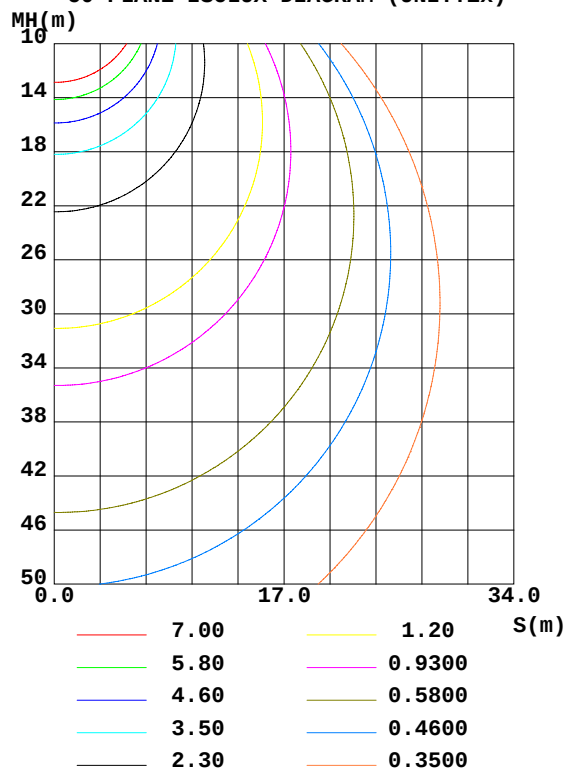
Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 113.55 lm/W			
MODEL	ASD-BLP-22D3050	I _{max} (cd)	1159	S/MH(C0/180)	1.25
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	3384.1	η UP, DN(C0-180)	0.0, 49.9
NOMINAL FLUX(lm)	3384.1	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 50.0
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 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	1144	1143	1138	1134	1133	1136	1141	1144	0- 10	109.6	109.6	3.24, 3.24
20	1092	1090	1081	1073	1072	1076	1086	1092	10- 20	314.9	424.5	12.5, 12.5
30	1003	1000	988.6	976.8	974.0	980.2	995.0	1003	20- 30	479.7	904.2	26.7, 26.7
40	879.2	876.3	862.0	847.2	844.4	851.1	869.7	878.8	30- 40	582.2	1486	43.9, 43.9
50	724.3	721.6	706.0	689.0	685.6	692.8	713.4	723.7	40- 50	608.1	2095	61.9, 61.9
60	543.9	541.9	525.3	508.0	505.5	511.8	531.7	542.8	50- 60	553.1	2648	78.2, 78.2
70	348.7	347.5	328.1	315.8	314.5	319.0	336.2	346.8	60- 70	425.3	3073	90.8, 90.8
80	153.2	151.6	131.2	124.4	126.6	130.1	138.4	151.9	70- 80	247.2	3320	98.1, 98.1
90	5.087	0.0132	0.1109	0.0133	0.1560	0.1695	0.1415	4.502	80- 90	61.64	3382	99.9, 99.9
100	0.0730	0.0582	0.0630	0.0738	0.2861	0.2677	0.2656	0.2470	90-100	0.1804	3382	99.9, 99.9
110	0.1480	0.1104	0.1275	0.1441	0.3467	0.3217	0.3214	0.3034	100-110	0.2112	3382	99.9, 99.9
120	0.2785	0.2094	0.2202	0.2669	0.4058	0.3593	0.3452	0.3373	110-120	0.2569	3382	99.9, 99.9
130	0.4025	0.3521	0.3477	0.4021	0.5508	0.5366	0.5001	0.4800	120-130	0.3289	3383	100, 100
140	0.4788	0.4400	0.4716	0.4719	0.6626	0.6745	0.6510	0.6115	130-140	0.3909	3383	100, 100
150	0.5321	0.4930	0.4955	0.5240	0.7844	0.8040	0.7492	0.7545	140-150	0.3748	3383	100, 100
160	0.6331	0.5624	0.5173	0.6119	0.8927	0.8973	0.8258	0.8375	150-160	0.3173	3384	100, 100
170	0.7303	0.7171	0.6562	0.7226	0.8987	0.9306	0.8358	0.8406	160-170	0.2137	3384	100, 100
180	0.8363	0.8531	0.7949	0.8149	0.8358	0.8545	0.7951	0.8154	170-180	0.0769	3384	100, 100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 13.8 %									UNIT:lm		

Conical surface Flux(90deg): 1792.3 lm

%lum = 53.0%

%lamp = 53.0%

Conical surface Flux(120deg): 2647.6 lm

%lum = 78.2%

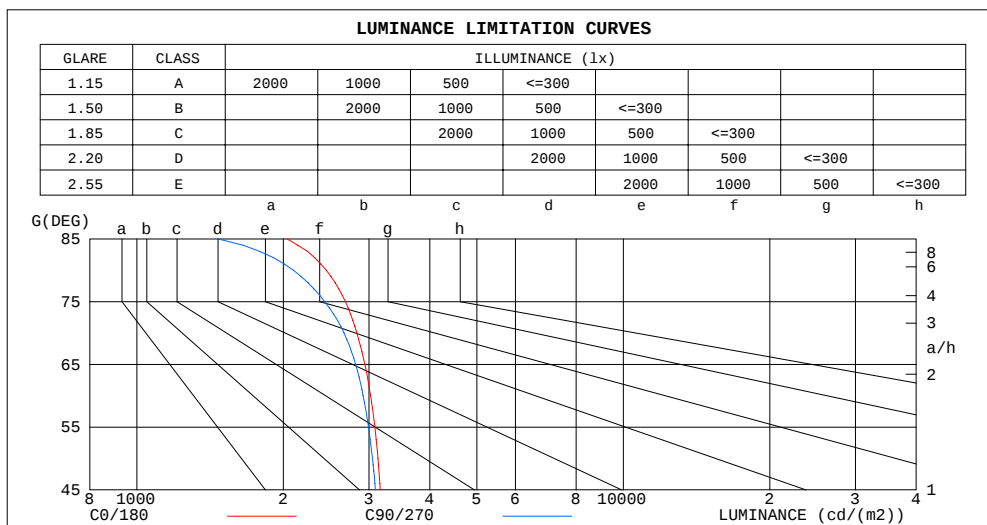
%lamp = 78.2%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2035	1466
80	2451	2098
75	2684	2431
70	2833	2665
65	2941	2815
60	3023	2918
55	3085	2993
50	3131	3051
45	3164	3093

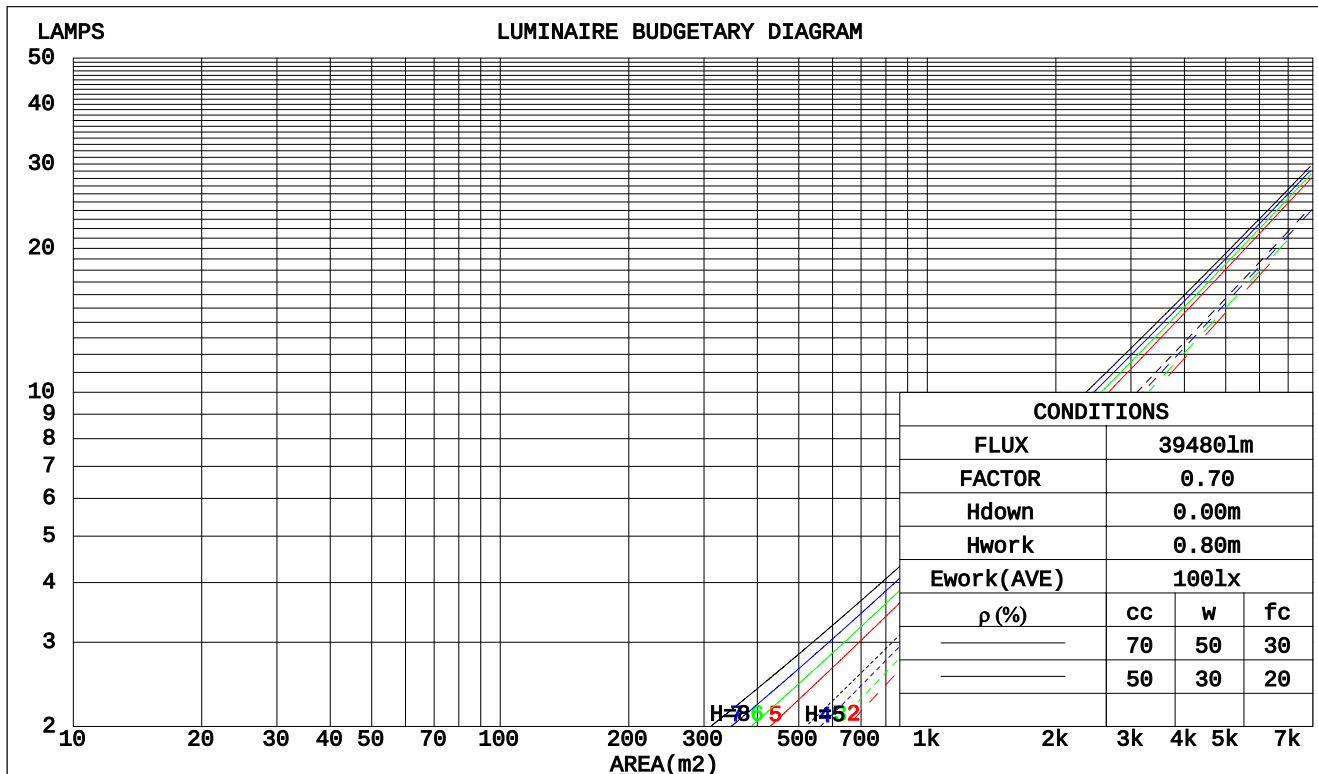
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.88	.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: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm								
NAME: ASD Lighting corp				TYPE:LED			WEIGHT:	
SPEC.:ASD-BLP-22D3050				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 Coeffcients(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	.287	.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	.211	.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	.186	.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		

ρ _{CC}	80%			70%			50%			30%			10%			0	
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ _{fc}	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: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm										
NAME: ASD Lighting corp					TYPE:LED			WEIGHT:		
SPEC.:ASD-BLP-22D3050					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	12.7	14.2	13.0	14.4	14.6	12.6	14.1	12.8	14.3	14.5
3H	14.3	15.7	14.6	16.0	16.2	14.1	15.5	14.4	15.8	16.0
4H	15.0	16.3	15.3	16.6	16.8	14.7	16.1	15.0	16.3	16.6
6H	15.5	16.7	15.8	17.0	17.3	15.1	16.4	15.4	16.6	16.9
8H	15.6	16.8	16.0	17.1	17.4	15.2	16.4	15.6	16.7	17.0
12H	15.7	16.9	16.1	17.2	17.5	15.3	16.4	15.6	16.7	17.0
4H 2H	13.3	14.7	13.6	14.9	15.2	13.2	14.6	13.5	14.8	15.1
3H	15.1	16.3	15.5	16.6	16.9	15.0	16.1	15.3	16.4	16.7
4H	15.9	17.0	16.3	17.3	17.7	15.7	16.8	16.1	17.1	17.4
6H	16.6	17.5	17.0	17.9	18.2	16.2	17.2	16.6	17.5	17.9
8H	16.8	17.7	17.2	18.0	18.4	16.4	17.3	16.8	17.6	18.0
12H	16.9	17.7	17.3	18.1	18.5	16.4	17.3	16.9	17.7	18.1
8H 4H	16.2	17.1	16.6	17.5	17.9	16.0	16.9	16.4	17.3	17.6
6H	17.0	17.7	17.4	18.1	18.6	16.7	17.4	17.1	17.8	18.2
8H	17.3	18.0	17.8	18.4	18.8	16.9	17.6	17.4	18.0	18.4
12H	17.5	18.1	18.0	18.5	19.0	17.1	17.6	17.5	18.1	18.5
12H 4H	16.2	17.0	16.6	17.4	17.8	16.0	16.8	16.4	17.2	17.6
6H	17.1	17.7	17.5	18.1	18.6	16.7	17.4	17.2	17.8	18.3
8H	17.4	18.0	17.9	18.4	18.9	17.0	17.6	17.5	18.0	18.5
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, 3384 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.2$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

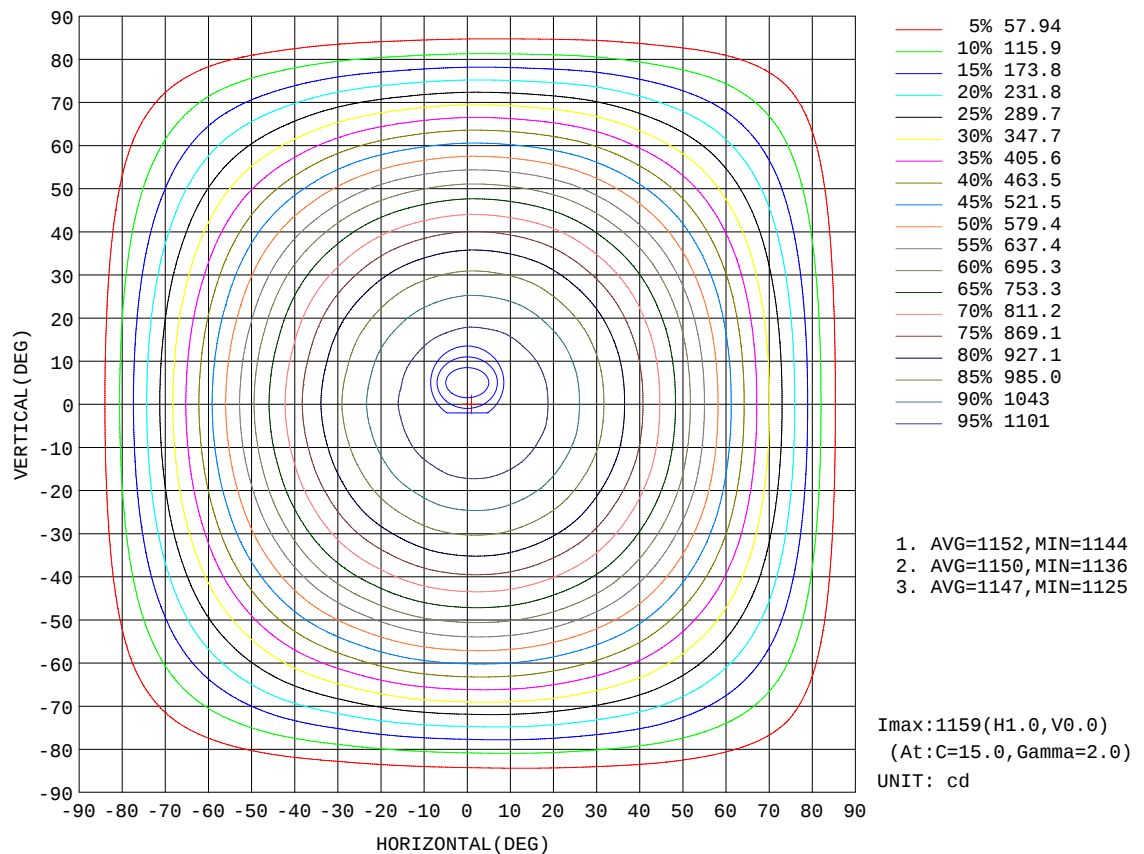
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	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: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

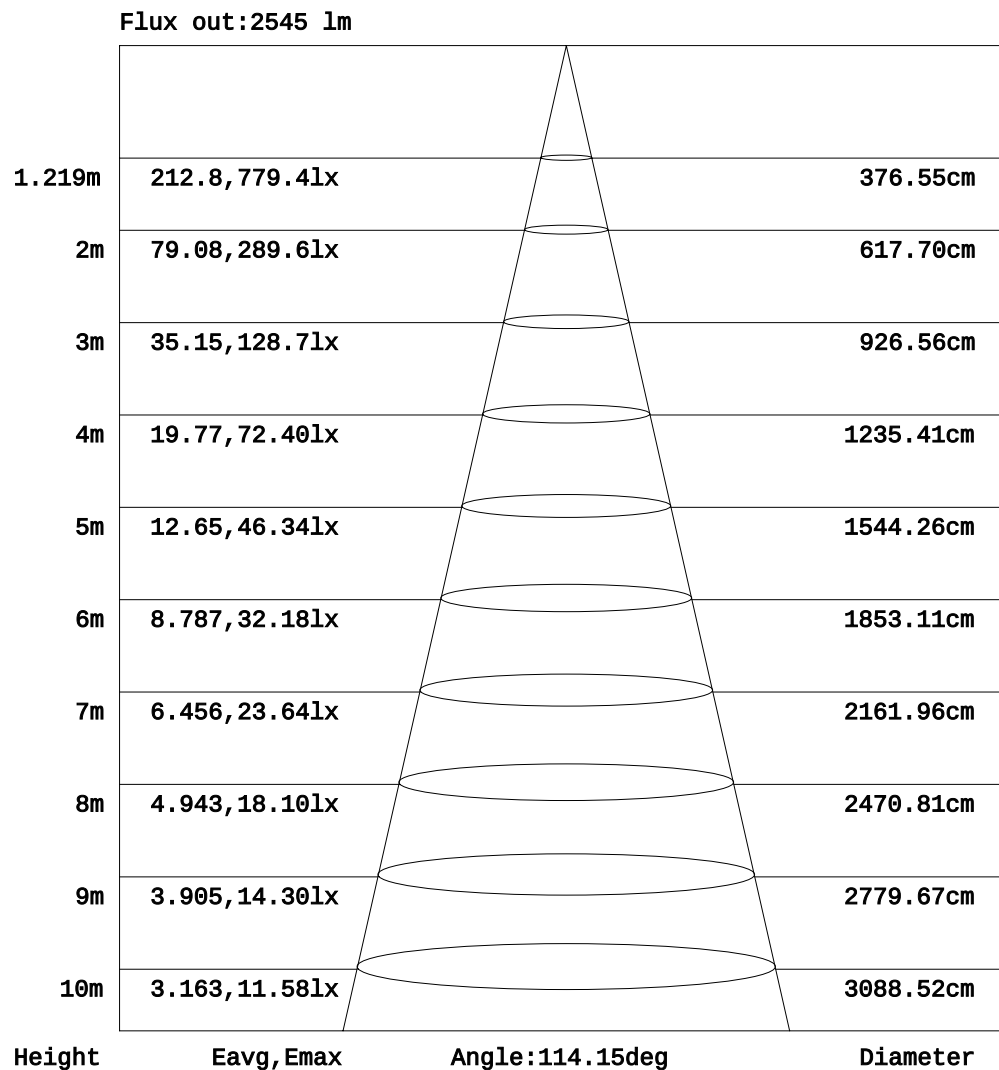


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23.9DEG
Operators: Alan Wang
Test Date: 25 March 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 56.3%
Test Distance: 2.500m [K=0.9942]
Remarks:

AAI Figure

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME:ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:



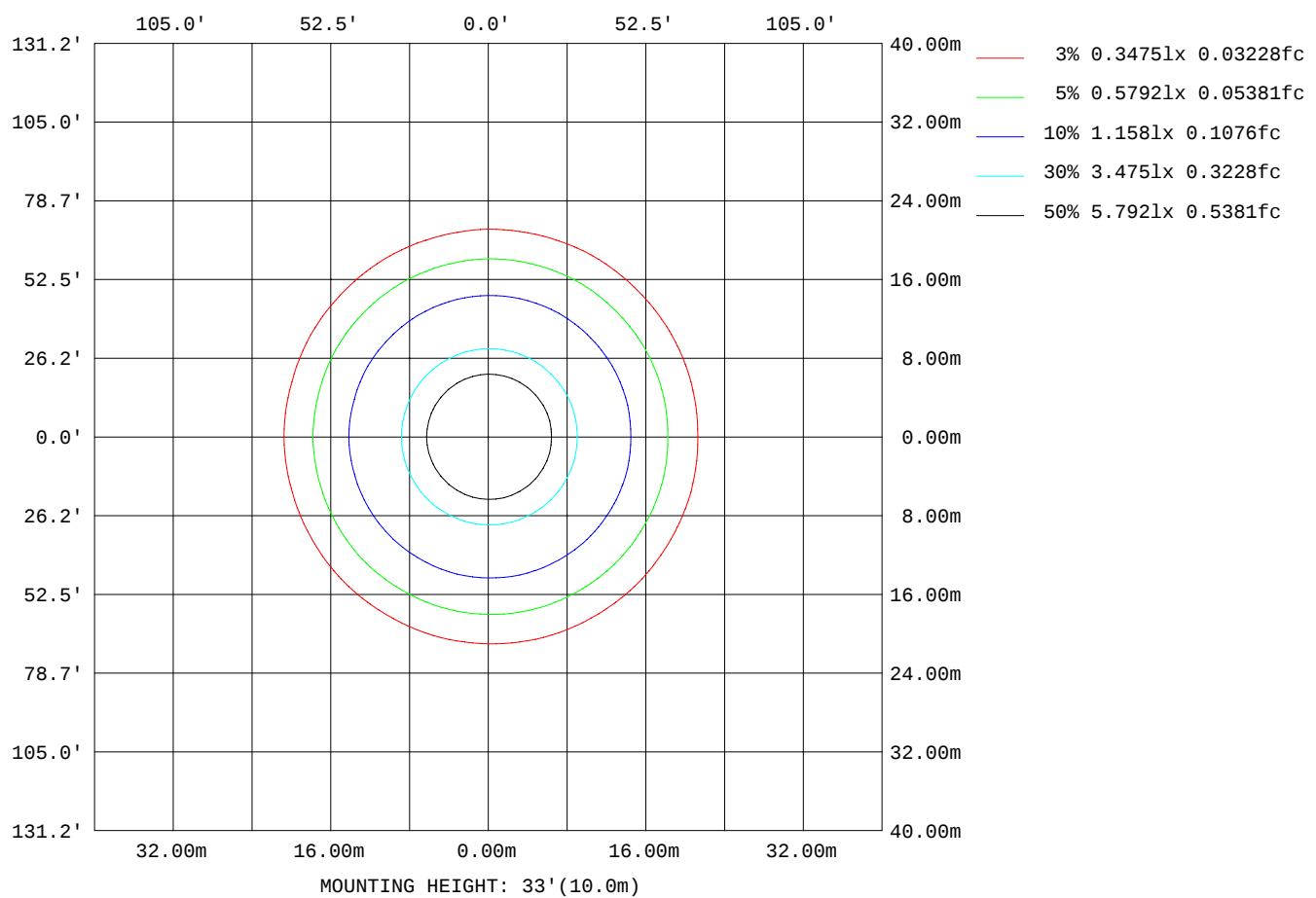
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

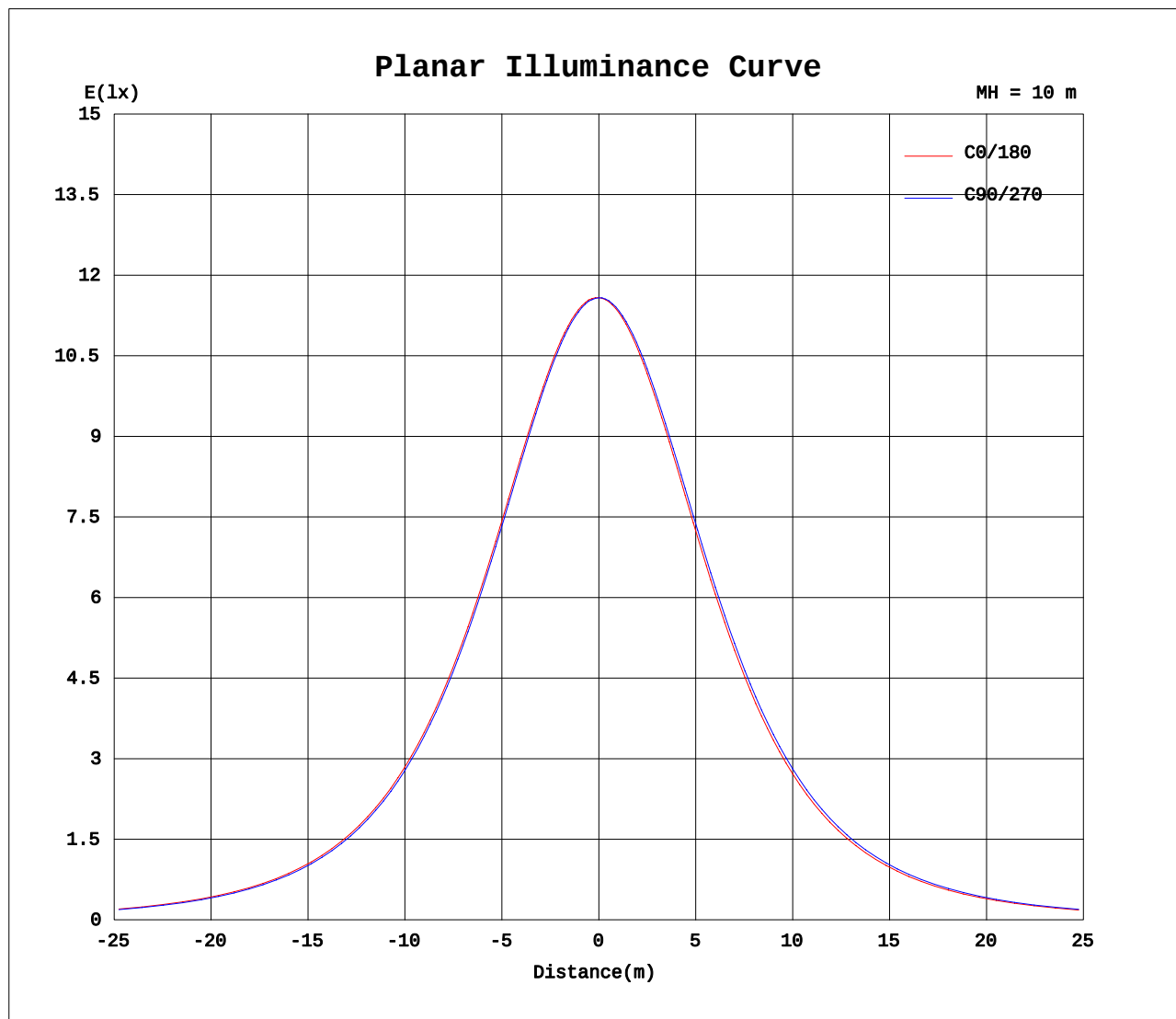
AvgL	cd/m2
L_0~180(65)av	2819
L_0~180(75)av	2517
L_0~180(85)av	1690
L_90~270(65)av	2837
L_90~270(75)av	2477
L_90~270(85)av	1576
L_45(65)av	2826
L_45(75)av	2527
L_45(85)av	1625

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23.9DEG
Operators: Alan Wang
Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 56.3%
Test Distance: 2.500m [K=0.9942]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	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	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158
5	1156	1156	1155	1155	1154	1154	1153	1152	1151	1151	1151	1150	1151	1150	1151	1152	1152	1152	1154
10	1144	1145	1143	1143	1141	1140	1138	1137	1135	1134	1133	1132	1133	1133	1134	1136	1137	1138	1141
15	1122	1124	1121	1121	1118	1117	1114	1112	1109	1108	1106	1106	1107	1106	1108	1110	1113	1114	1118
20	1092	1093	1090	1090	1087	1084	1081	1078	1075	1073	1070	1069	1072	1071	1074	1076	1079	1081	1086
25	1052	1053	1050	1050	1046	1043	1039	1036	1031	1029	1026	1025	1027	1026	1030	1032	1036	1040	1045
30	1003	1005	1001	1000	996	993	989	985	979	977	973	971	974	973	977	980	985	989	995
35	945	947	943	942	938	935	929	925	918	916	911	910	913	911	917	920	925	930	937
40	879	882	876	876	871	868	862	857	850	847	842	841	844	843	848	851	858	862	870
45	805	808	803	802	797	794	787	782	774	772	766	764	769	766	772	775	783	787	795
50	724	727	722	722	716	712	706	700	692	689	683	681	686	684	690	693	700	705	713
55	637	640	635	634	628	625	618	612	603	601	595	593	598	595	602	605	612	617	625
60	544	548	542	542	536	533	525	519	510	508	502	500	506	503	509	512	519	523	532
65	447	451	446	446	440	436	428	423	414	412	407	405	410	408	414	416	423	427	435
70	349	353	348	348	341	336	328	323	316	316	310	309	315	312	318	319	326	329	336
75	250	255	250	249	241	235	227	222	217	220	215	214	219	216	223	224	228	229	235
80	153	157	154	152	144	138	131	127	123	124	123	122	127	125	131	130	132	134	138
85	63.8	67.5	63.4	60.3	55.2	51.4	46.0	42.8	37.9	39.0	37.1	38.5	42.2	41.0	44.2	44.2	47.5	49.2	52.9
90	5.09	0.20	4.95	0.01	3.11	0.01	0.11	0.01	0.01	0.01	0.01	0.02	0.16	0.20	0.16	0.17	0.15	0.20	0.14
95	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.05	0.22	0.22	0.22	0.22	0.21	0.21	0.20
100	0.07	0.06	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08	0.09	0.29	0.28	0.27	0.27	0.26	0.26	0.27
105	0.11	0.11	0.08	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.13	0.33	0.32	0.31	0.31	0.31	0.31	0.31
110	0.15	0.14	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.16	0.17	0.35	0.34	0.33	0.32	0.32	0.32	0.32
115	0.21	0.18	0.18	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.22	0.22	0.36	0.35	0.34	0.33	0.33	0.32	0.33
120	0.28	0.25	0.25	0.21	0.22	0.22	0.22	0.23	0.24	0.27	0.29	0.28	0.41	0.39	0.38	0.36	0.35	0.35	0.35
125	0.34	0.31	0.31	0.29	0.28	0.27	0.28	0.29	0.31	0.34	0.35	0.35	0.47	0.46	0.45	0.43	0.41	0.41	0.40
130	0.40	0.38	0.37	0.35	0.37	0.35	0.35	0.36	0.39	0.40	0.39	0.40	0.55	0.55	0.53	0.54	0.51	0.51	0.50
135	0.45	0.42	0.42	0.40	0.42	0.43	0.42	0.43	0.44	0.44	0.44	0.45	0.61	0.62	0.61	0.62	0.61	0.60	0.58
140	0.48	0.45	0.44	0.44	0.46	0.49	0.47	0.47	0.48	0.47	0.47	0.48	0.66	0.66	0.67	0.67	0.68	0.67	0.65
145	0.50	0.48	0.47	0.46	0.48	0.50	0.50	0.50	0.50	0.50	0.49	0.51	0.72	0.72	0.73	0.75	0.73	0.73	0.72
150	0.53	0.53	0.51	0.49	0.47	0.50	0.50	0.50	0.52	0.52	0.52	0.54	0.78	0.78	0.78	0.80	0.79	0.78	0.75
155	0.58	0.58	0.58	0.53	0.52	0.54	0.52	0.55	0.56	0.57	0.58	0.58	0.84	0.86	0.85	0.85	0.84	0.82	0.79
160	0.63	0.64	0.61	0.56	0.53	0.55	0.52	0.58	0.60	0.61	0.61	0.62	0.89	0.90	0.89	0.90	0.88	0.86	0.83
165	0.67	0.69	0.67	0.63	0.59	0.59	0.58	0.63	0.66	0.66	0.67	0.67	0.89	0.91	0.92	0.92	0.90	0.86	0.83
170	0.73	0.74	0.73	0.72	0.65	0.66	0.66	0.68	0.71	0.72	0.73	0.73	0.90	0.93	0.93	0.93	0.90	0.84	0.84
175	0.81	0.83	0.83	0.81	0.77	0.76	0.73	0.75	0.79	0.80	0.81	0.81	0.90	0.91	0.92	0.90	0.88	0.84	0.80
180	0.84	0.85	0.85	0.85	0.83	0.80	0.79	0.78	0.79	0.81	0.81	0.82	0.84	0.85	0.85	0.85	0.83	0.80	0.80

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 23.9DEG
Operators: Alan Wang
Test Date: 25 March 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
Humidity: 56.3%
Test Distance: 2.500m [K=0.9942]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2508A P:29.80W PF:0.9898 Freq:60.00Hz Lamp Flux:3384.1x1 lm		
NAME: ASD Lighting corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-22D3050	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	1158	1158	1158	1158	1158													
5	1155	1156	1155	1156	1156													
10	1141	1144	1144	1145	1145													
15	1119	1122	1122	1124	1123													
20	1088	1092	1092	1094	1093													
25	1047	1052	1052	1054	1054													
30	998	1003	1003	1006	1006													
35	939	945	945	949	948													
40	873	879	879	883	883													
45	799	805	805	809	809													
50	717	724	724	728	729													
55	629	636	636	641	641													
60	536	543	543	548	549													
65	438	446	446	451	452													
70	340	347	347	352	353													
75	239	248	249	254	255													
80	142	149	152	157	158													
85	55.4	59.9	60.6	65.6	68.2													
90	0.29	0.16	4.50	0.28	2.48													
95	0.20	0.19	0.19	0.19	0.19													
100	0.25	0.25	0.25	0.25	0.25													
105	0.30	0.30	0.29	0.29	0.29													
110	0.31	0.31	0.30	0.30	0.31													
115	0.32	0.31	0.31	0.32	0.32													
120	0.34	0.33	0.34	0.36	0.37													
125	0.39	0.37	0.39	0.41	0.43													
130	0.49	0.47	0.48	0.48	0.51													
135	0.57	0.56	0.56	0.56	0.57													
140	0.61	0.63	0.61	0.62	0.63													
145	0.69	0.68	0.69	0.68	0.69													
150	0.73	0.73	0.75	0.75	0.76													
155	0.79	0.79	0.81	0.83	0.83													
160	0.81	0.81	0.84	0.87	0.89													
165	0.82	0.81	0.85	0.88	0.88													
170	0.81	0.79	0.84	0.87	0.86													
175	0.84	0.81	0.85	0.86	0.88													
180	0.78	0.79	0.82	0.81	0.82													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 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	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158
3.0	1158	1158	1157	1158	1157	1156	1156	1155	1155	1155
6.0	1154	1155	1153	1153	1152	1151	1151	1150	1149	1148
9.0	1147	1148	1146	1146	1144	1143	1142	1141	1139	1139
12.0	1137	1137	1135	1135	1133	1131	1130	1128	1126	1125
15.0	1122	1124	1121	1121	1118	1117	1114	1112	1109	1108
18.0	1105	1106	1104	1103	1100	1098	1096	1093	1089	1088
21.0	1084	1086	1083	1083	1079	1077	1074	1071	1066	1065
24.0	1061	1062	1059	1058	1055	1052	1048	1045	1040	1039
27.0	1033	1035	1031	1031	1027	1024	1020	1016	1011	1010
30.0	1003	1005	1001	1000	995.9	993.3	988.6	984.6	978.7	976.8
33.0	969.5	971.5	967.1	966.8	961.5	959.2	953.7	949.4	943.4	941.1
36.0	932.9	934.8	930.3	930.0	924.7	921.9	916.8	912.0	904.9	902.6
39.0	893.1	895.6	890.7	890.3	885.0	881.9	876.2	871.1	863.9	861.8
42.0	850.5	853.1	848.0	847.6	842.2	839.1	833.2	828.1	820.2	818.0
45.0	805.3	807.9	802.9	802.3	796.9	793.8	787.3	781.9	773.9	771.9
48.0	757.4	760.5	755.6	754.8	748.6	745.9	739.3	733.3	725.1	722.7
51.0	707.2	710.6	705.0	704.6	698.5	695.2	688.7	682.7	674.1	671.7
54.0	654.7	658.3	652.6	652.1	646.1	642.7	636.2	630.0	621.2	618.8
57.0	600.3	604.2	598.6	597.9	591.9	588.7	581.6	575.5	566.5	564.3
60.0	543.9	547.9	542.5	541.9	536.1	532.6	525.3	519.2	510.1	508.0
63.0	486.5	490.5	485.0	484.6	478.4	474.9	467.8	461.8	452.6	450.9
66.0	427.7	431.7	426.5	426.3	420.1	416.4	408.9	403.1	394.7	392.9
69.0	368.4	372.6	367.6	367.5	361.1	357.0	348.3	343.5	335.8	335.2
72.0	309.0	313.4	308.8	308.7	301.7	296.4	287.6	282.9	276.5	277.3
75.0	250.0	254.6	250.1	249.5	241.4	235.4	226.5	222.4	216.9	219.9
78.0	191.4	196.1	192.4	190.9	181.9	176.3	168.5	163.6	159.2	161.9
81.0	134.4	138.8	135.6	132.4	124.7	119.9	113.1	109.1	104.7	106.3
84.0	80.57	84.63	80.42	77.48	72.14	67.85	62.24	58.44	54.38	54.87
87.0	30.43	35.69	29.33	29.89	23.22	23.84	16.05	15.42	8.907	13.23
90.0	5.087	0.2924	4.950	0.0132	3.112	0.0077	0.1109	0.0098	0.0118	0.0133
93.0	0.0196	0.0192	0.0205	0.0222	0.0215	0.0236	0.0239	0.0263	0.0289	0.0314
96.0	0.0404	0.0368	0.0352	0.0381	0.0372	0.0385	0.0399	0.0435	0.0461	0.0494
99.0	0.0658	0.0545	0.0509	0.0533	0.0530	0.0551	0.0577	0.0605	0.0639	0.0674
102.0	0.0888	0.0828	0.0661	0.0684	0.0704	0.0729	0.0746	0.0781	0.0817	0.0870
105.0	0.1092	0.1083	0.0824	0.0854	0.0880	0.0913	0.0935	0.0979	0.1020	0.1080
108.0	0.1299	0.1260	0.1014	0.1014	0.1056	0.1097	0.1135	0.1185	0.1217	0.1282
111.0	0.1597	0.1493	0.1237	0.1164	0.1250	0.1298	0.1357	0.1398	0.1464	0.1519
114.0	0.1960	0.1722	0.1647	0.1424	0.1457	0.1549	0.1608	0.1684	0.1741	0.1801
117.0	0.2371	0.2087	0.2045	0.1745	0.1797	0.1855	0.1907	0.1997	0.2064	0.2122
120.0	0.2785	0.2472	0.2479	0.2094	0.2182	0.2179	0.2262	0.2321	0.2412	0.2609
123.0	0.3213	0.2874	0.2897	0.2632	0.2575	0.2485	0.2550	0.2648	0.2774	0.3158
126.0	0.3559	0.3248	0.3201	0.3075	0.3058	0.2798	0.2881	0.2972	0.3321	0.3590
129.0	0.3911	0.3627	0.3558	0.3448	0.3575	0.3278	0.3233	0.3438	0.3774	0.3926
132.0	0.4270	0.3982	0.3914	0.3708	0.3957	0.3878	0.3812	0.3930	0.4132	0.4206
135.0	0.4541	0.4212	0.4177	0.4028	0.4167	0.4318	0.4200	0.4294	0.4408	0.4423
138.0	0.4693	0.4386	0.4309	0.4279	0.4459	0.4656	0.4531	0.4535	0.4661	0.4587
141.0	0.4834	0.4559	0.4497	0.4424	0.4681	0.4935	0.4818	0.4775	0.4816	0.4757
144.0	0.4972	0.4746	0.4658	0.4506	0.4788	0.4985	0.4939	0.4950	0.4939	0.4907
147.0	0.5110	0.4944	0.4867	0.4746	0.4751	0.4971	0.5004	0.4952	0.5010	0.5072
150.0	0.5321	0.5271	0.5134	0.4930	0.4735	0.5002	0.4955	0.5011	0.5164	0.5240
153.0	0.5618	0.5630	0.5522	0.5172	0.4961	0.5237	0.5095	0.5290	0.5434	0.5499
156.0	0.5864	0.5951	0.5861	0.5358	0.5193	0.5450	0.5155	0.5530	0.5671	0.5761
159.0	0.6226	0.6325	0.6085	0.5552	0.5245	0.5479	0.5120	0.5760	0.5916	0.6031
162.0	0.6413	0.6516	0.6268	0.5791	0.5493	0.5513	0.5326	0.5965	0.6179	0.6260
165.0	0.6722	0.6873	0.6708	0.6283	0.5900	0.5909	0.5807	0.6299	0.6564	0.6648
168.0	0.7180	0.7260	0.7179	0.6937	0.6454	0.6427	0.6301	0.6730	0.7063	0.7132
171.0	0.7306	0.7375	0.7319	0.7188	0.6526	0.6730	0.6593	0.6788	0.7130	0.7215
174.0	0.7914	0.8051	0.8000	0.7874	0.7430	0.7430	0.7103	0.7353	0.7729	0.7830
177.0	0.8299	0.8396	0.8443	0.8386	0.7977	0.7893	0.7583	0.7641	0.8083	0.8100
180.0	0.8363	0.8494	0.8508	0.8531	0.8312	0.7985	0.7949	0.7794	0.7899	0.8149
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1158	1158	1158	1158	1158	1158	1158	1158	1158	1158
3.0	1155	1154	1155	1155	1155	1156	1156	1156	1157	1157
6.0	1148	1147	1148	1148	1148	1150	1150	1151	1152	1152
9.0	1137	1137	1138	1138	1138	1140	1141	1142	1144	1145
12.0	1124	1123	1124	1124	1125	1127	1128	1130	1133	1134
15.0	1106	1106	1107	1106	1108	1110	1113	1114	1118	1119
18.0	1086	1085	1087	1086	1089	1091	1094	1096	1100	1101
21.0	1062	1062	1064	1062	1065	1067	1071	1074	1078	1081
24.0	1036	1035	1037	1036	1039	1041	1046	1049	1054	1056
27.0	1006	1005	1007	1006	1010	1013	1017	1020	1026	1028
30.0	972.6	971.4	974.0	972.8	977.2	980.2	985.1	988.9	995.0	998.1

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

Photometric Data Table [cd]

33.0	936.9	935.9	938.7	937.2	941.7	944.7	950.6	954.4	961.2	963.9
36.0	898.0	896.7	900.1	898.4	903.3	906.7	912.5	916.7	923.7	927.2
39.0	856.8	855.1	858.4	857.1	862.6	865.5	872.0	876.4	883.9	887.5
42.0	812.6	810.9	814.5	812.8	818.6	821.6	828.4	833.2	840.6	844.0
45.0	766.0	764.3	768.5	766.3	772.3	775.3	782.5	787.4	795.3	798.9
48.0	717.0	715.4	719.6	717.6	723.5	726.6	733.7	738.8	747.0	750.6
51.0	665.9	664.1	668.6	666.4	672.8	675.5	682.9	687.8	696.3	700.1
54.0	612.9	611.2	615.6	613.5	619.6	622.7	630.0	634.9	643.4	646.8
57.0	558.2	556.7	561.5	558.8	565.2	567.8	575.4	580.0	588.4	592.0
60.0	502.2	500.5	505.5	503.2	509.4	511.8	519.2	523.3	531.7	535.7
63.0	445.0	443.9	448.7	446.3	452.2	454.5	461.8	465.9	474.1	477.4
66.0	387.5	386.3	391.2	388.5	394.5	396.5	403.4	407.2	415.2	418.5
69.0	329.7	328.6	333.5	330.6	336.6	338.4	345.1	348.5	356.2	359.2
72.0	272.3	271.1	276.1	273.5	279.3	280.9	286.9	289.1	296.5	299.6
75.0	215.5	214.3	219.1	216.5	222.8	224.0	228.2	228.7	235.1	238.6
78.0	160.0	157.8	162.6	161.0	167.1	167.5	170.0	170.4	176.4	179.5
81.0	105.2	104.7	108.9	107.4	112.9	112.1	114.8	115.8	120.5	123.4
84.0	53.90	54.23	58.26	57.46	60.66	60.75	63.53	65.26	69.09	71.93
87.0	7.615	12.89	15.00	11.47	16.94	14.60	19.11	18.51	24.99	23.65
90.0	0.0148	0.0152	0.1560	0.2007	0.1561	0.1695	0.1498	0.1991	0.1415	0.2884
93.0	0.0341	0.0342	0.1935	0.1956	0.1922	0.1922	0.1857	0.1818	0.1764	0.1736
96.0	0.0504	0.0548	0.2353	0.2310	0.2274	0.2262	0.2208	0.2169	0.2184	0.2102
99.0	0.0687	0.0796	0.2737	0.2660	0.2598	0.2571	0.2545	0.2508	0.2560	0.2429
102.0	0.0882	0.1016	0.3068	0.3000	0.2875	0.2868	0.2844	0.2802	0.2838	0.2731
105.0	0.1090	0.1262	0.3300	0.3224	0.3130	0.3113	0.3101	0.3065	0.3070	0.2978
108.0	0.1342	0.1504	0.3403	0.3338	0.3232	0.3198	0.3211	0.3172	0.3196	0.3108
111.0	0.1720	0.1771	0.3475	0.3393	0.3275	0.3228	0.3227	0.3208	0.3217	0.3152
114.0	0.2097	0.2108	0.3597	0.3476	0.3362	0.3244	0.3251	0.3226	0.3244	0.3166
117.0	0.2507	0.2462	0.3749	0.3659	0.3528	0.3325	0.3313	0.3296	0.3307	0.3229
120.0	0.2916	0.2846	0.4058	0.3920	0.3795	0.3593	0.3474	0.3450	0.3452	0.3351
123.0	0.3235	0.3264	0.4413	0.4306	0.4174	0.4024	0.3826	0.3747	0.3736	0.3660
126.0	0.3568	0.3610	0.4838	0.4778	0.4591	0.4520	0.4317	0.4263	0.4269	0.4079
129.0	0.3848	0.3957	0.5347	0.5306	0.5123	0.5183	0.4930	0.4809	0.4804	0.4652
132.0	0.4144	0.4225	0.5760	0.5777	0.5587	0.5735	0.5530	0.5420	0.5420	0.5270
135.0	0.4378	0.4465	0.6127	0.6152	0.6104	0.6212	0.6117	0.5961	0.5842	0.5724
138.0	0.4546	0.4697	0.6412	0.6456	0.6480	0.6569	0.6561	0.6431	0.6222	0.5988
141.0	0.4707	0.4854	0.6727	0.6687	0.6795	0.6874	0.6906	0.6793	0.6659	0.6231
144.0	0.4834	0.5013	0.7077	0.7036	0.7162	0.7348	0.7196	0.7144	0.7045	0.6652
147.0	0.4951	0.5190	0.7458	0.7441	0.7498	0.7722	0.7577	0.7416	0.7350	0.7099
150.0	0.5206	0.5356	0.7844	0.7839	0.7845	0.8040	0.7880	0.7777	0.7492	0.7318
153.0	0.5606	0.5616	0.8196	0.8247	0.8330	0.8318	0.8185	0.8076	0.7781	0.7711
156.0	0.5884	0.5958	0.8589	0.8719	0.8600	0.8622	0.8486	0.8284	0.7976	0.7924
159.0	0.6100	0.6210	0.8941	0.8981	0.8839	0.8939	0.8780	0.8583	0.8277	0.8131
162.0	0.6303	0.6343	0.8906	0.9017	0.9035	0.9017	0.8852	0.8603	0.8213	0.8002
165.0	0.6713	0.6701	0.8925	0.9130	0.9185	0.9194	0.9004	0.8597	0.8278	0.8158
168.0	0.7174	0.7155	0.8971	0.9273	0.9363	0.9314	0.9081	0.8574	0.8385	0.8170
171.0	0.7233	0.7266	0.9008	0.9263	0.9282	0.9253	0.9011	0.8369	0.8214	0.8148
174.0	0.7880	0.7916	0.9022	0.9179	0.9220	0.9012	0.8766	0.8360	0.8010	0.8244
177.0	0.8169	0.8177	0.8748	0.8820	0.8928	0.8807	0.8762	0.8275	0.8113	0.8105
180.0	0.8067	0.8207	0.8358	0.8502	0.8516	0.8545	0.8329	0.7985	0.7951	0.7810
G/C	300.0	315.0	330.0	345.0						
0.0	1158	1158	1158	1158						
3.0	1158	1158	1158	1158						
6.0	1154	1154	1155	1155						
9.0	1147	1147	1148	1148						
12.0	1137	1137	1138	1137						
15.0	1122	1122	1124	1123						
18.0	1105	1105	1108	1106						
21.0	1084	1084	1087	1086						
24.0	1060	1060	1063	1063						
27.0	1033	1033	1036	1036						
30.0	1003	1003	1006	1006						
33.0	969.4	969.5	972.8	972.5						
36.0	932.4	932.8	936.1	936.2						
39.0	893.0	893.0	896.8	896.8						
42.0	850.5	850.2	854.1	854.2						
45.0	805.3	805.2	809.3	809.4						
48.0	757.2	757.1	761.4	761.7						
51.0	706.7	706.9	711.3	711.4						
54.0	654.1	654.1	658.7	659.2						
57.0	599.3	599.5	604.4	604.7						
60.0	543.1	542.8	548.2	548.8						
63.0	485.3	485.2	490.5	491.1						
66.0	426.1	426.1	431.6	432.3						

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks:

Photometric Data Table [cd]

69.0	366.6	366.7	371.9	373.0
72.0	307.4	307.6	312.5	313.4
75.0	247.8	248.7	253.8	254.6
78.0	188.3	190.9	195.5	195.7
81.0	130.5	132.6	138.4	139.1
84.0	76.94	77.47	83.72	85.02
87.0	29.68	27.98	33.92	34.56
90.0	0.1620	4.502	0.2784	2.480
93.0	0.1694	0.1707	0.1664	0.1648
96.0	0.2057	0.2057	0.2016	0.2008
99.0	0.2380	0.2374	0.2348	0.2362
102.0	0.2667	0.2659	0.2649	0.2681
105.0	0.2954	0.2907	0.2881	0.2946
108.0	0.3051	0.3006	0.2967	0.3044
111.0	0.3088	0.3050	0.3070	0.3117
114.0	0.3097	0.3069	0.3175	0.3211
117.0	0.3148	0.3139	0.3281	0.3364
120.0	0.3277	0.3373	0.3569	0.3660
123.0	0.3502	0.3648	0.3772	0.3972
126.0	0.3939	0.4096	0.4234	0.4417
129.0	0.4520	0.4637	0.4693	0.4907
132.0	0.5076	0.5129	0.5206	0.5369
135.0	0.5647	0.5550	0.5648	0.5738
138.0	0.6047	0.5888	0.5966	0.5974
141.0	0.6381	0.6277	0.6370	0.6357
144.0	0.6668	0.6727	0.6734	0.6741
147.0	0.6989	0.7123	0.7069	0.7165
150.0	0.7317	0.7545	0.7532	0.7572
153.0	0.7706	0.7877	0.8007	0.8010
156.0	0.7926	0.8100	0.8437	0.8412
159.0	0.8045	0.8332	0.8712	0.8816
162.0	0.8091	0.8392	0.8658	0.8847
165.0	0.8120	0.8483	0.8763	0.8801
168.0	0.8009	0.8497	0.8725	0.8650
171.0	0.7950	0.8475	0.8690	0.8649
174.0	0.7907	0.8478	0.8628	0.8760
177.0	0.8061	0.8414	0.8398	0.8525
180.0	0.7894	0.8154	0.8069	0.8215

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 23.9DEG
 Operators: Alan Wang
 Test Date: 25 March 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.362
 Humidity: 56.3%
 Test Distance: 2.500m [K=0.9942]
 Remarks: