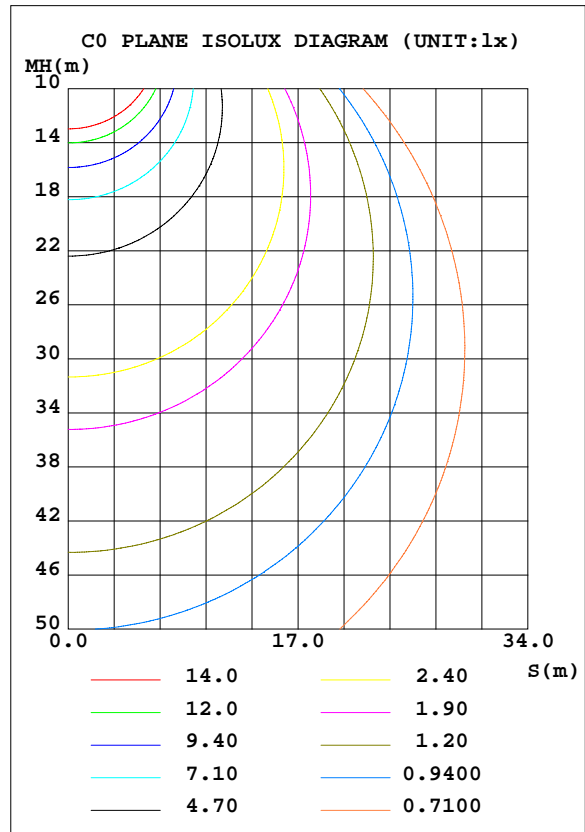
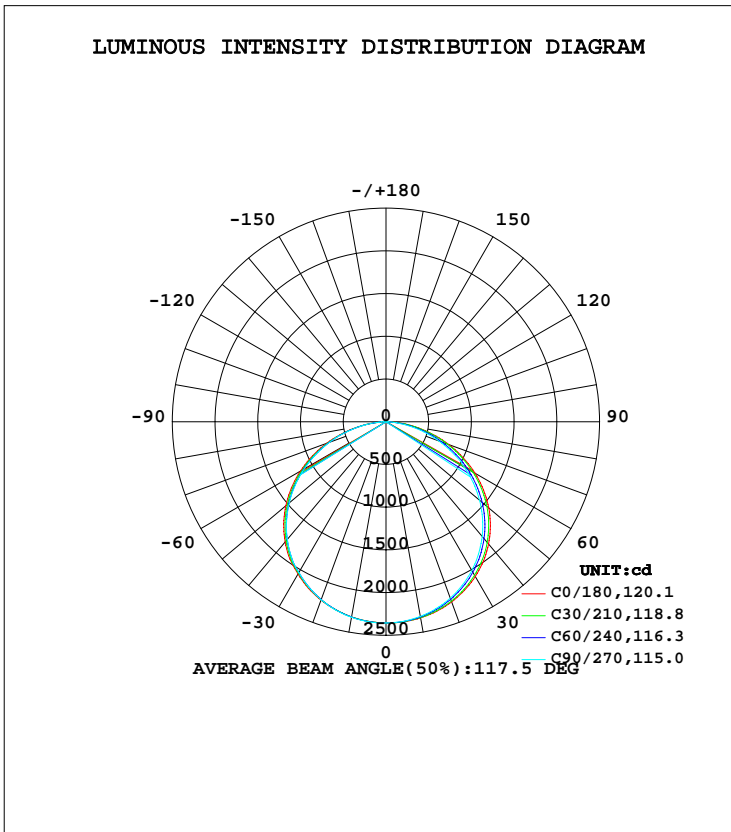


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.44 lm/W			
MODEL	ASD-BLP-24A50AC-MS-PRM	I <sub>max</sub> (cd)	2357	S/MH(C0/180)	1.30
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	7139.4	η UP, DN(C0-180)	0.0,49.5
NOMINAL FLUX(lm)	7139.41	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.5
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 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	2331	2324	2313	2312	2320	2319	2324	2332	0- 10	223.2	223.2	3.13,3.13
20	2245	2224	2198	2201	2222	2214	2218	2240	10- 20	643.8	867.1	12.1,12.1
30	2091	2056	2010	2023	2060	2040	2039	2079	20- 30	988.2	1855	26,26
40	1868	1826	1751	1781	1836	1796	1797	1845	30- 40	1214	3070	43,43
50	1570	1516	1429	1462	1531	1483	1479	1541	40- 50	1284	4354	61,61
60	1202	1146	1057	1086	1158	1113	1106	1172	50- 60	1181	5534	77.5,77.5
70	783.3	736.3	659.4	673.4	738.3	707.9	703.4	763.1	60- 70	917.9	6452	90.4,90.4
80	349.6	327.5	262.3	267.6	313.6	301.2	296.8	347.3	70- 80	540.8	6993	98,98
90	5.598	0.1314	0.1489	0.1202	0.4209	4.842	0.3775	8.989	80- 90	141.6	7135	99.9,99.9
100	0.2478	0.2142	0.2177	0.2455	0.6652	0.6186	0.5897	0.5909	90-100	0.6704	7135	99.9,99.9
110	0.3604	0.2685	0.2998	0.3727	0.7009	0.6562	0.6634	0.6555	100-110	0.4961	7136	100,100
120	0.5987	0.3971	0.4454	0.5821	0.7786	0.6661	0.6402	0.6544	110-120	0.5223	7136	100,100
130	0.8060	0.6072	0.6399	0.7707	0.9854	1.005	0.9341	0.8672	120-130	0.6275	7137	100,100
140	0.9236	0.7583	0.7824	0.8761	1.089	1.149	1.177	1.035	130-140	0.6984	7138	100,100
150	0.9977	0.8304	0.7744	0.9292	1.240	1.295	1.264	1.202	140-150	0.6377	7138	100,100
160	1.180	0.9401	0.7921	1.052	1.428	1.472	1.317	1.319	150-160	0.5209	7139	100,100
170	1.378	1.245	1.022	1.269	1.480	1.628	1.380	1.373	160-170	0.3571	7139	100,100
180	1.445	1.424	1.282	1.288	1.445	1.425	1.285	1.289	170-180	0.1298	7139	100,100
DEG	LUMINOUS INTENSITY:cd Less than 35% Percent = 13.7 %									UNIT:lm		

Conical surface Flux(90deg): 3713.7 lm

%lum = 52.0%  
 %lamp = 52.0%

Conical surface Flux(120deg): 5534.5 lm

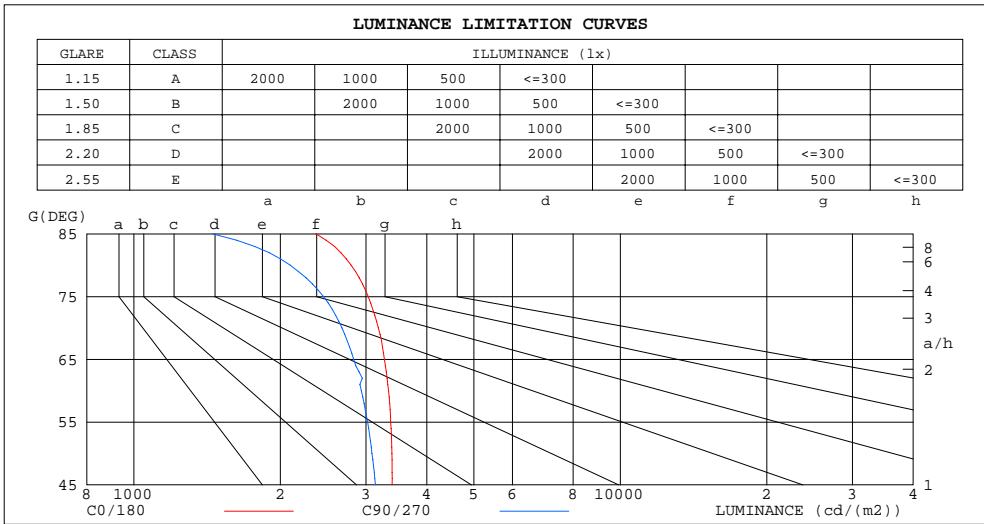
%lum = 77.5%  
 %lamp = 77.5%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2369	1452
80	2797	2097
75	3032	2455
70	3181	2677
65	3273	2830
60	3339	2935
55	3373	3024
50	3392	3086
45	3394	3138

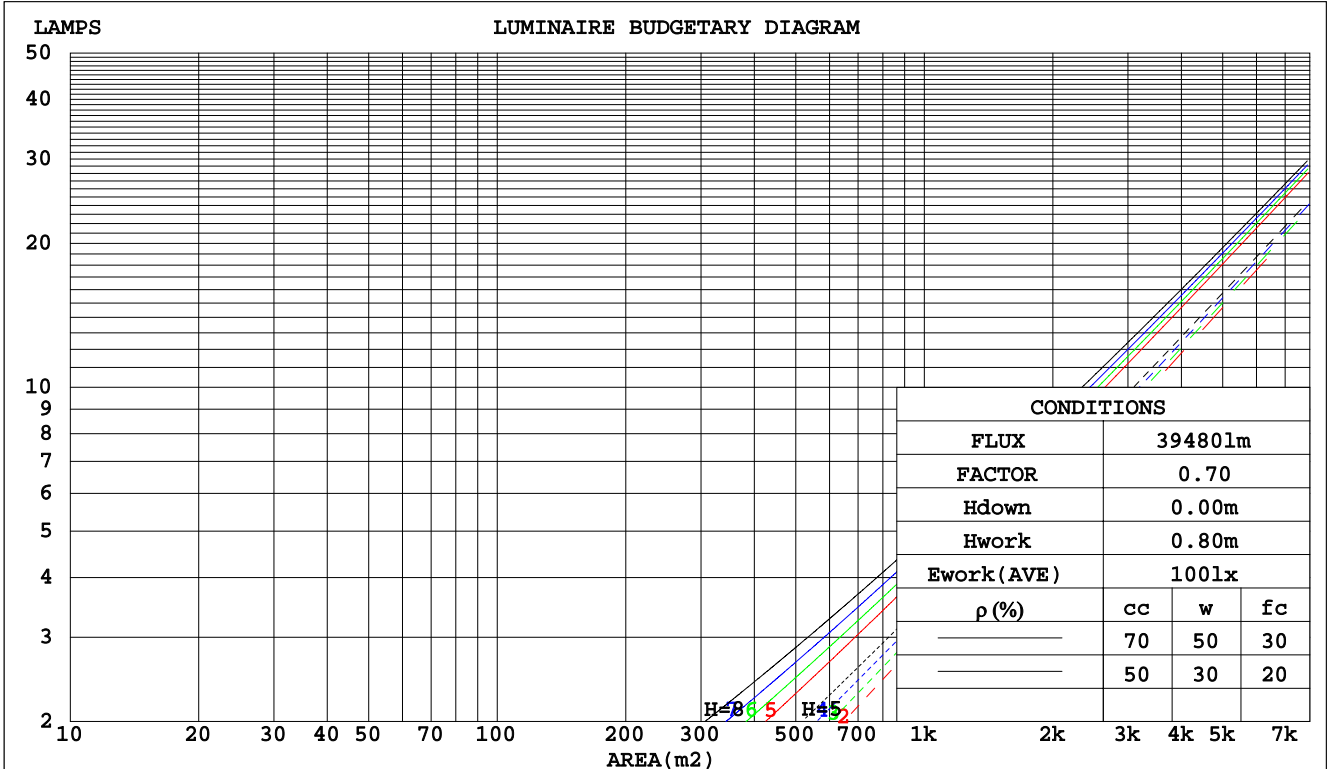
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	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	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.69	.60	.54	.68	.60	.53	.66	.58	.52	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.50	.43	.39	.37
7.0	.50	.41	.35	.50	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.25	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	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	.316	.180	.057	.309	.176	.056	.296	.170	.054	.283	.163	.052	.272	.158	.051	
2.0	.297	.163	.050	.291	.160	.049	.279	.155	.048	.268	.150	.047	.258	.146	.046	
3.0	.274	.146	.044	.269	.144	.043	.258	.140	.043	.249	.136	.042	.240	.133	.041	
4.0	.253	.131	.039	.248	.130	.038	.239	.127	.038	.230	.124	.037	.222	.121	.037	
5.0	.233	.119	.034	.229	.118	.034	.221	.115	.034	.213	.113	.033	.206	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.205	.105	.031	.198	.103	.030	.192	.101	.030	
7.0	.201	.099	.028	.198	.098	.028	.191	.097	.028	.185	.095	.028	.179	.093	.027	
8.0	.188	.092	.026	.185	.091	.026	.179	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.168	.083	.023	.163	.082	.023	.158	.080	.023	
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.149	.075	.022	

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	.134	.155	.134	.116	.106	.092	.080	.061	.054	.047	.020	.017	.015	
2.0	.173	.132	.098	.149	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.074	.142	.099	.064	.098	.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	.151	.091	.047	.130	.079	.041	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.083	.039	.123	.072	.034	.085	.050	.024	.049	.030	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.066	.029	.081	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.029	.112	.061	.025	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.022	.074	.040	.016	.043	.024	.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: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm										
NAME: ASD Lighting Corp					TYPE:LED			WEIGHT:		
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)					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	10.5	12.0	10.8	12.2	12.5	9.9	11.5	10.2	11.7	11.9
3H	12.2	13.6	12.5	13.9	14.1	11.4	12.9	11.7	13.1	13.3
4H	12.9	14.3	13.2	14.5	14.8	12.0	13.4	12.3	13.6	13.9
6H	13.4	14.7	13.8	15.0	15.3	12.4	13.7	12.7	14.0	14.2
8H	13.6	14.8	13.9	15.1	15.4	12.5	13.8	12.9	14.0	14.3
12H	13.7	14.9	14.1	15.2	15.5	12.6	13.7	12.9	14.0	14.3
4H 2H	11.1	12.4	11.4	12.7	13.0	10.6	12.0	11.0	12.2	12.5
3H	13.0	14.2	13.3	14.5	14.8	12.3	13.5	12.7	13.8	14.1
4H	13.8	14.9	14.2	15.2	15.6	13.0	14.1	13.4	14.4	14.8
6H	14.5	15.5	14.9	15.8	16.2	13.5	14.5	14.0	14.9	15.2
8H	14.7	15.6	15.2	16.0	16.4	13.7	14.6	14.1	15.0	15.4
12H	14.9	15.7	15.3	16.1	16.5	13.8	14.6	14.2	15.0	15.4
8H 4H	14.1	15.0	14.5	15.3	15.7	13.4	14.3	13.8	14.7	15.0
6H	14.9	15.7	15.4	16.1	16.5	14.1	14.8	14.5	15.2	15.6
8H	15.3	15.9	15.7	16.4	16.8	14.3	14.9	14.7	15.4	15.8
12H	15.5	16.1	16.0	16.5	17.0	14.4	15.0	14.9	15.4	15.9
12H 4H	14.1	14.9	14.5	15.3	15.7	13.4	14.2	13.8	14.6	15.0
6H	15.0	15.6	15.4	16.1	16.5	14.1	14.8	14.6	15.2	15.7
8H	15.4	15.9	15.8	16.4	16.9	14.4	15.0	14.9	15.4	15.9
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 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 7139 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.8)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

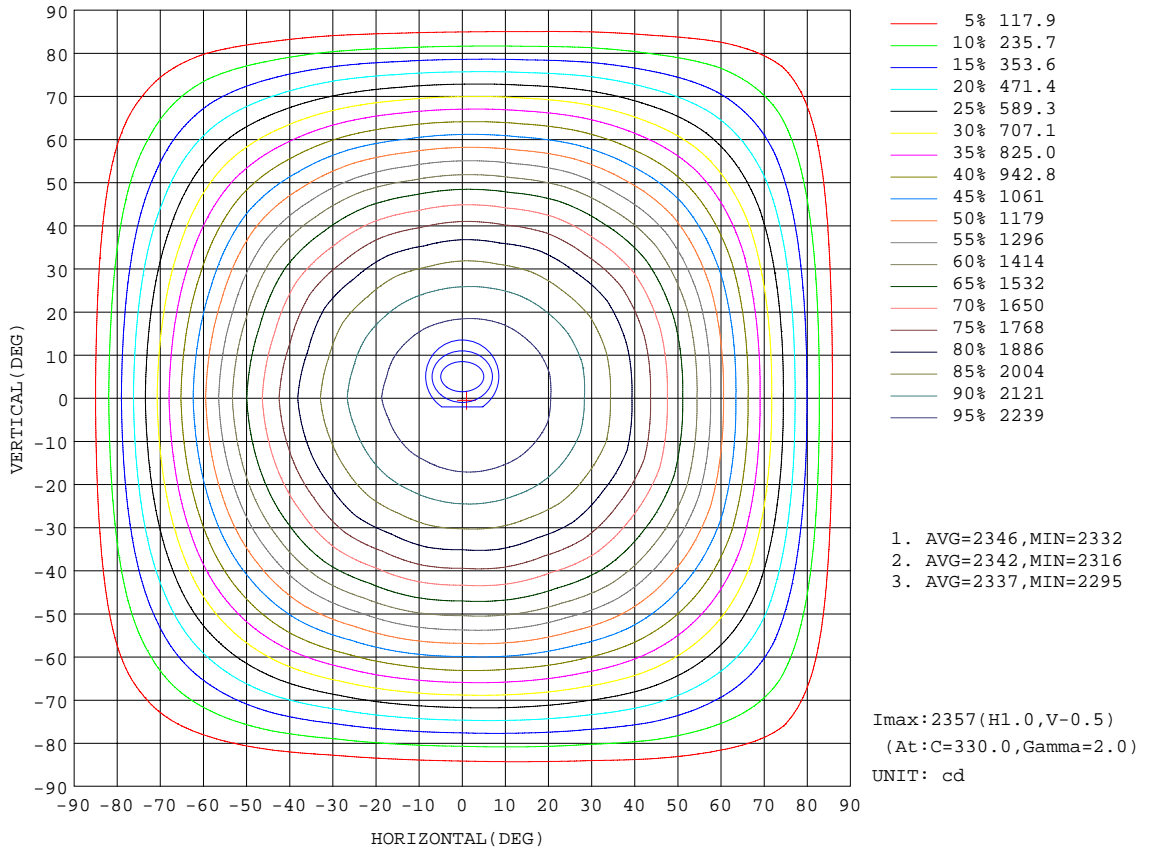
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	83	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
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: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



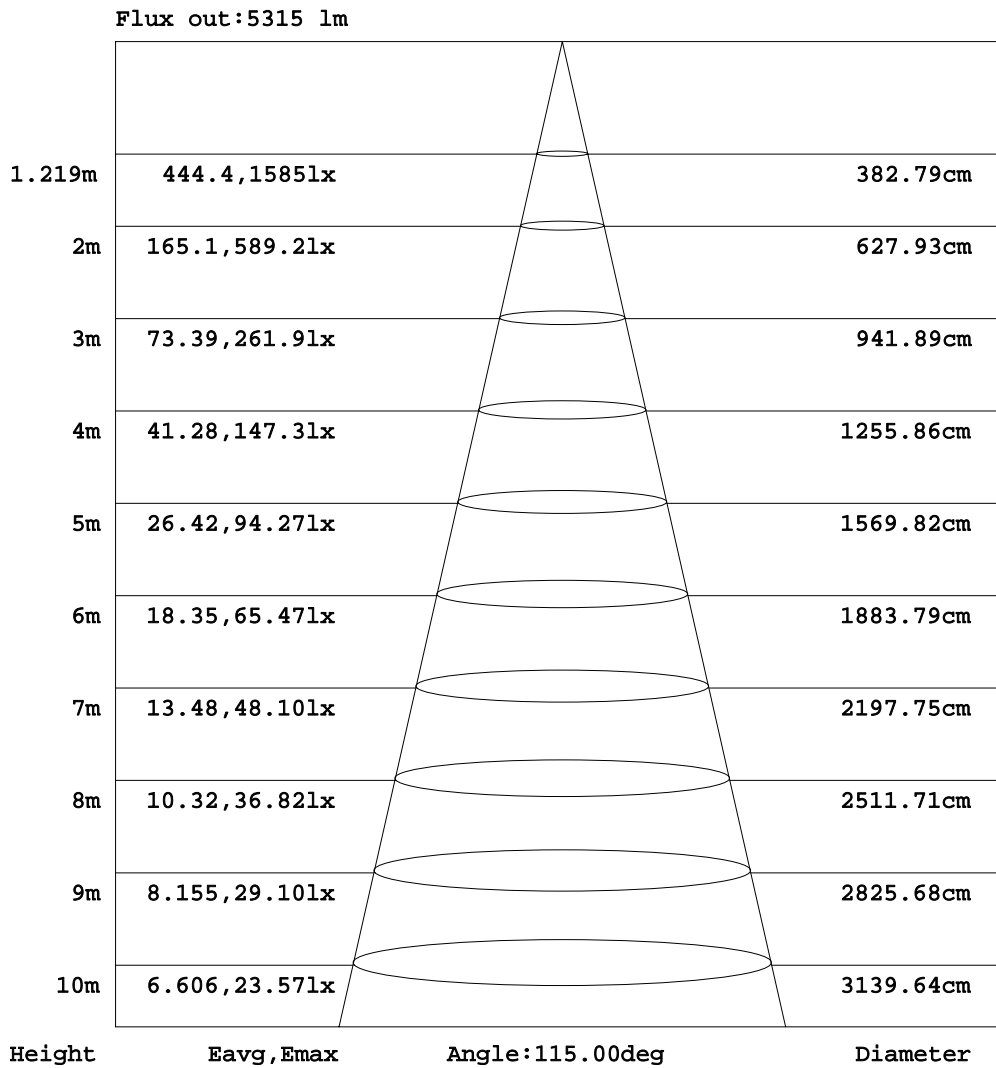
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 Operators: Alan Wang  
 Test Date: 25 March 2020

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.0.362  
 Humidity: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:



AAI Figure

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



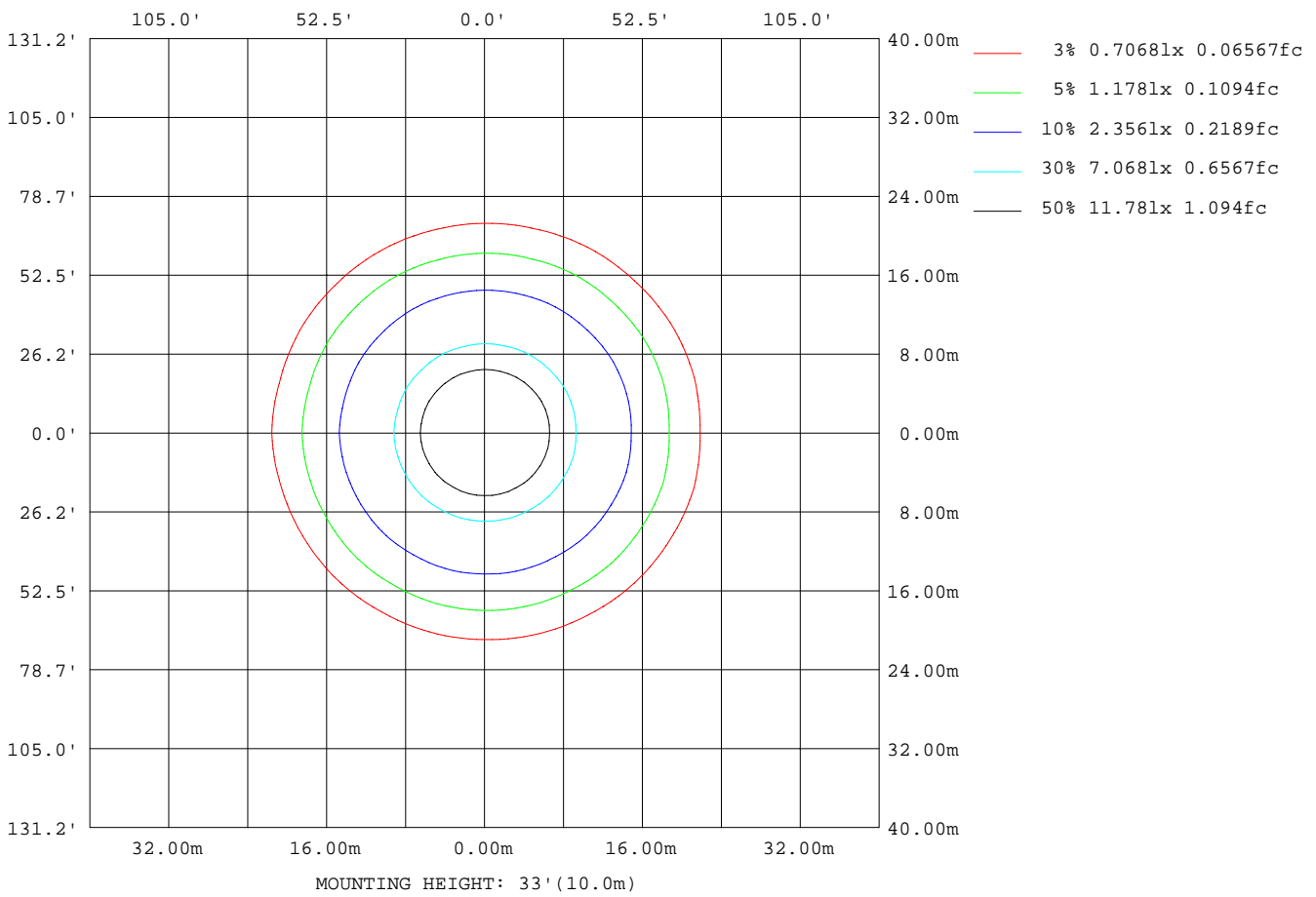
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance:2.500m [K=0.9942]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.4lx1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

## LED Avg.L Report

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

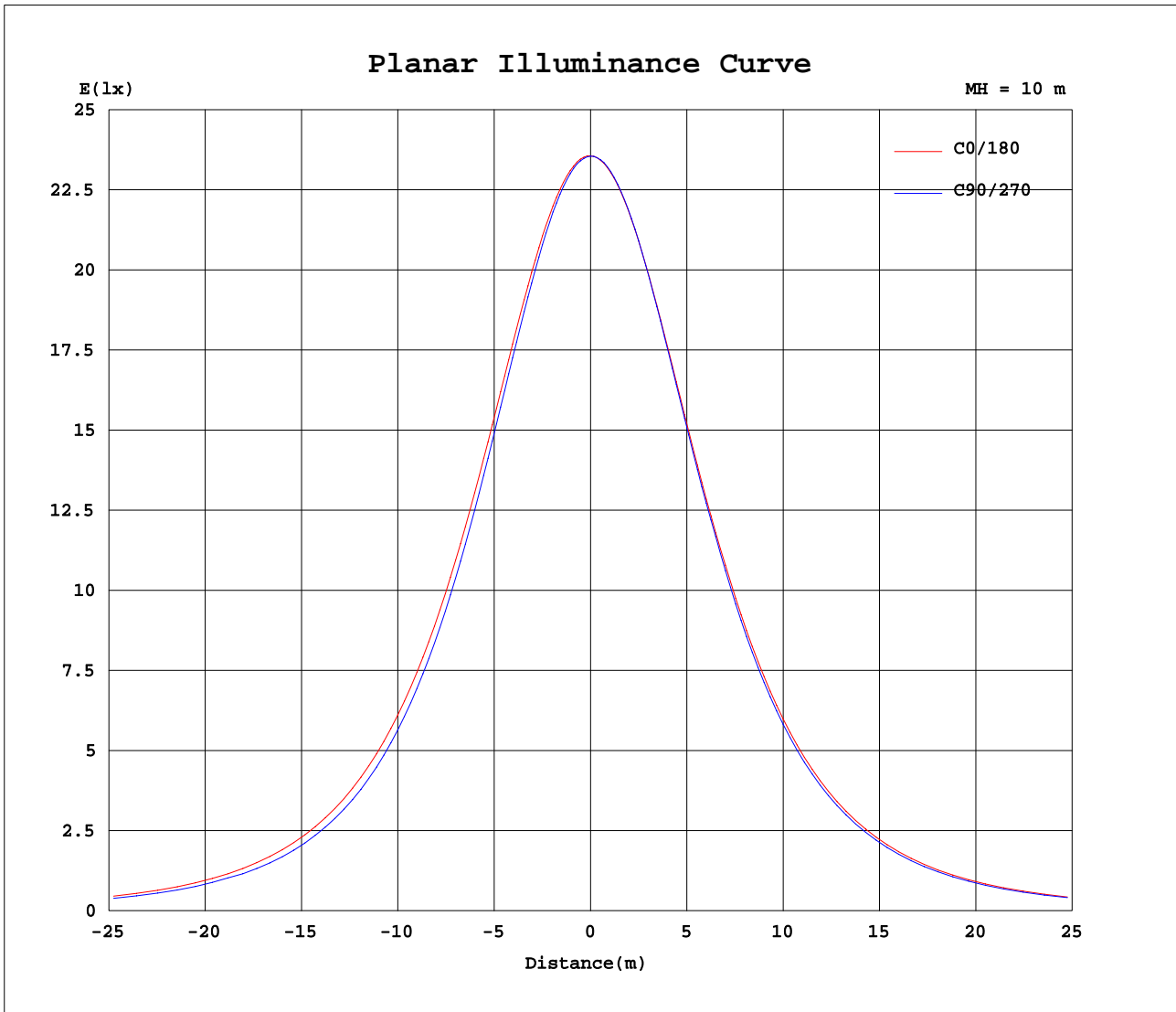
AvgL	cd/m2
L_0~180(65)av	3201
L_0~180(75)av	2920
L_0~180(85)av	2129
L_90~270(65)av	2906
L_90~270(75)av	2569
L_90~270(85)av	1645
L_45(65)av	3047
L_45(75)av	2751
L_45(85)av	1886

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.6DEG  
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: 51.2%  
Test Distance: 2.500m [K=0.9942]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	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	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356
5	2350	2351	2350	2348	2347	2345	2344	2342	2342	2343	2342	2343	2346	2344	2346	2346	2347	2348	2349
10	2331	2332	2328	2324	2320	2316	2313	2311	2310	2312	2314	2315	2320	2317	2320	2319	2321	2322	2324
15	2296	2297	2290	2283	2275	2269	2264	2262	2262	2265	2268	2271	2279	2275	2278	2276	2277	2277	2280
20	2245	2246	2235	2224	2212	2203	2198	2193	2195	2201	2206	2211	2222	2216	2218	2214	2216	2215	2218
25	2176	2177	2163	2148	2131	2120	2112	2108	2111	2120	2127	2135	2149	2141	2141	2136	2135	2133	2137
30	2091	2092	2074	2056	2033	2021	2010	2010	2009	2023	2031	2042	2060	2049	2049	2040	2038	2035	2039
35	1989	1997	1968	1955	1919	1910	1889	1895	1890	1915	1918	1941	1962	1939	1948	1928	1932	1918	1932
40	1868	1880	1843	1826	1785	1773	1751	1757	1752	1781	1787	1811	1836	1811	1819	1796	1799	1783	1797
45	1728	1740	1700	1679	1636	1621	1598	1603	1599	1630	1638	1664	1692	1667	1673	1648	1649	1633	1645
50	1570	1583	1541	1516	1469	1452	1429	1433	1431	1462	1472	1500	1531	1503	1508	1483	1484	1467	1479
55	1393	1407	1364	1337	1291	1271	1249	1250	1250	1280	1292	1318	1351	1325	1329	1305	1304	1288	1298
60	1202	1215	1174	1146	1100	1079	1057	1057	1056	1086	1097	1123	1158	1131	1135	1113	1112	1096	1106
65	996	1011	972	944	903	880	861	857	857	881	895	915	952	928	931	913	911	901	907
70	783	797	764	736	699	677	659	654	653	673	684	702	738	717	721	708	706	698	703
75	565	580	551	529	496	475	458	451	449	468	474	489	523	503	511	502	503	495	500
80	350	367	344	327	295	278	262	256	251	268	273	282	314	296	308	301	300	292	297
85	149	166	148	133	112	101	91.1	83.4	78.5	83.3	86.0	93.2	119	105	114	109	113	111	115
90	5.60	1.94	5.68	0.13	6.69	0.11	0.15	0.11	0.14	0.12	0.14	0.12	0.42	0.55	0.41	4.84	0.38	6.82	0.38
95	0.17	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.19	0.19	0.19	0.55	0.55	0.53	0.53	0.50	0.49	0.48
100	0.25	0.22	0.21	0.21	0.22	0.22	0.22	0.23	0.24	0.25	0.25	0.26	0.67	0.65	0.62	0.62	0.60	0.60	0.59
105	0.30	0.28	0.25	0.25	0.26	0.26	0.26	0.25	0.27	0.29	0.30	0.31	0.33	0.73	0.70	0.67	0.67	0.66	0.67
110	0.36	0.33	0.29	0.27	0.28	0.29	0.30	0.32	0.35	0.37	0.40	0.40	0.70	0.67	0.65	0.66	0.65	0.66	0.66
115	0.47	0.39	0.36	0.32	0.31	0.35	0.37	0.40	0.43	0.46	0.49	0.49	0.69	0.65	0.64	0.62	0.62	0.62	0.63
120	0.60	0.50	0.46	0.40	0.39	0.42	0.45	0.49	0.54	0.58	0.62	0.61	0.78	0.74	0.72	0.67	0.63	0.63	0.64
125	0.71	0.62	0.55	0.50	0.49	0.50	0.54	0.58	0.65	0.70	0.72	0.72	0.91	0.89	0.86	0.84	0.76	0.74	0.75
130	0.81	0.73	0.66	0.61	0.60	0.61	0.64	0.67	0.74	0.77	0.78	0.81	0.99	0.99	0.98	1.00	0.95	0.94	0.93
135	0.88	0.81	0.76	0.70	0.70	0.71	0.72	0.75	0.81	0.83	0.85	0.87	1.05	1.06	1.07	1.10	1.11	1.11	1.09
140	0.92	0.87	0.83	0.76	0.74	0.77	0.78	0.79	0.84	0.88	0.89	0.91	1.09	1.10	1.11	1.15	1.17	1.19	1.18
145	0.96	0.93	0.87	0.80	0.75	0.78	0.79	0.80	0.88	0.90	0.92	0.96	1.16	1.17	1.17	1.22	1.22	1.25	1.24
150	1.00	0.98	0.90	0.83	0.76	0.79	0.77	0.80	0.90	0.93	0.93	0.99	1.24	1.26	1.22	1.29	1.27	1.30	1.26
155	1.06	1.07	1.00	0.88	0.82	0.86	0.80	0.86	0.95	0.98	1.01	1.04	1.29	1.37	1.36	1.37	1.35	1.35	1.31
160	1.18	1.18	1.09	0.94	0.84	0.86	0.79	0.89	1.00	1.05	1.09	1.14	1.43	1.48	1.45	1.47	1.42	1.38	1.32
165	1.29	1.29	1.22	1.08	0.91	0.92	0.86	0.97	1.10	1.18	1.24	1.26	1.45	1.54	1.56	1.57	1.50	1.44	1.32
170	1.38	1.41	1.36	1.25	1.07	1.06	1.02	1.09	1.21	1.27	1.31	1.34	1.48	1.56	1.60	1.63	1.55	1.45	1.38
175	1.46	1.49	1.45	1.41	1.25	1.25	1.16	1.19	1.29	1.29	1.33	1.38	1.49	1.54	1.54	1.54	1.51	1.40	1.37
180	1.45	1.48	1.45	1.42	1.39	1.34	1.28	1.24	1.25	1.29	1.31	1.36	1.44	1.48	1.45	1.43	1.39	1.34	1.29

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.4123A P:49.09W PF:0.9918 Freq:60.00Hz Lamp Flux:7139.41x1 lm		
NAME: ASD Lighting Corp	TYPE:LED	WEIGHT:
SPEC.:ASD-BLP-24A50AC-MS-PRM(4000K)	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2356	2356	2356	2356	2356														
5	2350	2352	2352	2354	2352														
10	2326	2330	2332	2335	2334														
15	2284	2290	2294	2300	2301														
20	2223	2234	2240	2248	2252														
25	2144	2158	2168	2180	2184														
30	2047	2064	2079	2095	2101														
35	1933	1964	1971	1998	2001														
40	1800	1834	1845	1879	1882														
45	1652	1688	1701	1739	1743														
50	1486	1524	1541	1580	1586														
55	1308	1345	1364	1403	1412														
60	1118	1154	1172	1211	1222														
65	920	952	970	1007	1018														
70	717	745	763	794	806														
75	513	538	552	579	588														
80	307	331	347	369	374														
85	123	139	148	167	172														
90	2.59	0.44	8.99	1.27	39.4														
95	0.48	0.48	0.49	0.48	0.49														
100	0.59	0.59	0.59	0.59	0.61														
105	0.66	0.66	0.66	0.66	0.67														
110	0.66	0.66	0.66	0.65	0.65														
115	0.63	0.63	0.62	0.63	0.64														
120	0.63	0.63	0.65	0.68	0.70														
125	0.72	0.70	0.76	0.78	0.82														
130	0.89	0.87	0.87	0.86	0.89														
135	1.03	1.00	0.95	0.94	0.96														
140	1.10	1.08	1.03	1.02	1.02														
145	1.19	1.17	1.14	1.10	1.12														
150	1.25	1.22	1.20	1.18	1.21														
155	1.30	1.27	1.26	1.29	1.26														
160	1.29	1.25	1.32	1.37	1.39														
165	1.29	1.29	1.36	1.40	1.39														
170	1.32	1.29	1.37	1.43	1.41														
175	1.39	1.29	1.40	1.39	1.41														
180	1.24	1.24	1.29	1.31	1.36														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 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	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356
3.0	2355	2355	2354	2353	2352	2352	2351	2350	2349	2350
6.0	2348	2349	2346	2345	2342	2341	2339	2337	2337	2338
9.0	2336	2337	2333	2330	2326	2323	2321	2318	2319	2321
12.0	2319	2321	2315	2309	2304	2299	2296	2293	2294	2296
15.0	2296	2297	2290	2283	2275	2269	2264	2262	2262	2265
18.0	2266	2268	2259	2250	2240	2232	2227	2224	2225	2229
21.0	2232	2233	2222	2211	2197	2187	2181	2178	2180	2186
24.0	2190	2192	2179	2164	2149	2137	2131	2127	2128	2137
27.0	2144	2145	2130	2112	2094	2081	2073	2070	2072	2083
30.0	2091	2092	2074	2056	2033	2021	2010	2010	2009	2023
33.0	2032	2035	2013	1997	1966	1960	1939	1946	1939	1964
36.0	1966	1979	1945	1930	1893	1884	1863	1870	1863	1890
39.0	1893	1906	1870	1852	1813	1802	1781	1786	1781	1810
42.0	1814	1826	1788	1769	1727	1714	1692	1697	1693	1723
45.0	1728	1740	1700	1679	1636	1621	1598	1603	1599	1630
48.0	1635	1648	1607	1583	1538	1521	1498	1503	1500	1531
51.0	1536	1548	1506	1481	1434	1417	1394	1397	1395	1427
54.0	1430	1443	1401	1375	1328	1308	1287	1288	1286	1317
57.0	1319	1332	1290	1262	1215	1195	1172	1175	1173	1203
60.0	1202	1215	1174	1146	1100	1079	1057	1057	1056	1086
63.0	1079	1094	1053	1026	988.0	960.0	949.6	937.3	937.7	963.7
66.0	954.1	968.8	931.2	902.6	862.8	838.9	821.4	816.1	816.8	839.9
69.0	827.1	840.6	806.3	778.4	739.7	717.7	700.0	694.6	693.8	714.8
72.0	696.0	710.1	678.3	652.6	617.0	596.2	578.4	572.4	571.4	590.0
75.0	564.8	579.6	550.9	529.0	495.6	475.4	457.6	451.3	448.6	468.0
78.0	435.0	451.6	426.0	407.1	374.9	355.1	338.2	331.6	329.0	346.9
81.0	307.7	325.9	304.2	287.7	256.3	241.0	225.4	219.3	214.4	228.2
84.0	187.0	205.2	186.4	169.5	145.6	133.4	122.5	115.3	108.7	116.7
87.0	77.75	92.10	77.28	64.26	50.36	46.11	31.23	30.42	18.29	28.86
90.0	5.598	1.936	5.679	0.1314	6.688	0.1113	0.1489	0.1124	0.1357	0.1202
93.0	0.1433	0.1383	0.1444	0.1464	0.1485	0.1474	0.1483	0.1503	0.1567	0.1602
96.0	0.1890	0.1741	0.1767	0.1796	0.1818	0.1818	0.1807	0.1862	0.1938	0.1990
99.0	0.2358	0.2094	0.2049	0.2065	0.2097	0.2111	0.2099	0.2159	0.2272	0.2344
102.0	0.2725	0.2517	0.2306	0.2285	0.2366	0.2366	0.2353	0.2437	0.2610	0.2691
105.0	0.3045	0.2822	0.2520	0.2472	0.2579	0.2575	0.2548	0.2706	0.2916	0.3027
108.0	0.3300	0.3028	0.2720	0.2609	0.2679	0.2737	0.2797	0.3015	0.3235	0.3432
111.0	0.3795	0.3403	0.3040	0.2745	0.2790	0.2940	0.3106	0.3325	0.3667	0.3869
114.0	0.4452	0.3695	0.3482	0.3047	0.2958	0.3300	0.3523	0.3819	0.4161	0.4379
117.0	0.5205	0.4312	0.3938	0.3493	0.3398	0.3752	0.3994	0.4313	0.4750	0.4986
120.0	0.5987	0.4972	0.4599	0.3971	0.3948	0.4217	0.4454	0.4883	0.5415	0.5821
123.0	0.6717	0.5704	0.5241	0.4628	0.4515	0.4696	0.5067	0.5454	0.6017	0.6552
126.0	0.7305	0.6458	0.5746	0.5233	0.5190	0.5187	0.5589	0.5951	0.6732	0.7200
129.0	0.7855	0.7077	0.6374	0.5951	0.5839	0.5894	0.6121	0.6557	0.7215	0.7595
132.0	0.8443	0.7702	0.6940	0.6410	0.6498	0.6493	0.6763	0.7053	0.7750	0.7916
135.0	0.8821	0.8080	0.7565	0.6970	0.6990	0.7080	0.7246	0.7548	0.8071	0.8266
138.0	0.9081	0.8476	0.8087	0.7375	0.7276	0.7471	0.7656	0.7776	0.8331	0.8498
141.0	0.9310	0.8847	0.8421	0.7688	0.7409	0.7782	0.7914	0.7959	0.8491	0.8834
144.0	0.9530	0.9128	0.8630	0.7931	0.7492	0.7828	0.7853	0.8014	0.8689	0.9002
147.0	0.9741	0.9466	0.8749	0.8126	0.7465	0.7721	0.7791	0.7945	0.8805	0.9166
150.0	0.9977	0.9808	0.8980	0.8304	0.7556	0.7891	0.7744	0.8030	0.8956	0.9292
153.0	1.038	1.035	0.9569	0.8612	0.7922	0.8320	0.7933	0.8451	0.9307	0.9578
156.0	1.078	1.088	1.022	0.8848	0.8218	0.8714	0.7997	0.8698	0.9544	0.9907
159.0	1.158	1.166	1.076	0.9269	0.8330	0.8595	0.7925	0.8877	0.9867	1.035
162.0	1.210	1.212	1.123	0.9747	0.8490	0.8630	0.7989	0.9122	1.033	1.082
165.0	1.293	1.294	1.223	1.081	0.9124	0.9189	0.8568	0.9697	1.100	1.178
168.0	1.383	1.383	1.333	1.207	1.049	1.008	0.9582	1.062	1.184	1.266
171.0	1.368	1.395	1.347	1.248	1.069	1.092	1.051	1.099	1.217	1.266
174.0	1.446	1.469	1.427	1.371	1.213	1.218	1.145	1.174	1.282	1.295
177.0	1.453	1.494	1.457	1.419	1.292	1.299	1.184	1.186	1.280	1.276
180.0	1.445	1.484	1.448	1.424	1.386	1.336	1.282	1.243	1.247	1.288
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	2356	2356	2356	2356	2356	2356	2356	2356	2356	2356
3.0	2350	2350	2351	2350	2351	2351	2353	2353	2354	2355
6.0	2338	2339	2342	2340	2341	2341	2343	2344	2346	2346
9.0	2321	2321	2327	2323	2326	2325	2327	2328	2330	2332
12.0	2297	2298	2306	2302	2305	2304	2306	2306	2309	2311
15.0	2268	2271	2279	2275	2278	2276	2277	2277	2280	2284
18.0	2233	2236	2247	2241	2244	2241	2243	2241	2245	2250
21.0	2191	2196	2209	2201	2203	2201	2200	2199	2202	2209
24.0	2145	2151	2165	2157	2158	2153	2152	2151	2154	2161
27.0	2090	2099	2115	2106	2106	2100	2098	2096	2100	2108
30.0	2031	2042	2060	2049	2049	2040	2038	2035	2039	2047

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:

Photometric Data Table [cd]

33.0	1966	1984	2001	1986	1992	1975	1982	1967	1982	1981
36.0	1894	1915	1938	1915	1924	1903	1908	1893	1906	1908
39.0	1813	1839	1863	1838	1847	1824	1827	1811	1825	1829
42.0	1730	1755	1781	1756	1763	1738	1741	1725	1738	1743
45.0	1638	1664	1692	1667	1673	1648	1649	1633	1645	1652
48.0	1541	1568	1597	1571	1576	1551	1551	1536	1547	1555
51.0	1437	1465	1496	1469	1474	1449	1448	1432	1444	1452
54.0	1330	1355	1389	1361	1365	1341	1340	1325	1335	1345
57.0	1216	1241	1276	1249	1252	1229	1228	1213	1222	1233
60.0	1097	1123	1158	1131	1135	1113	1112	1096	1106	1118
63.0	976.0	999.3	1035	1009	1014	993.4	992.1	979.2	987.8	998.7
66.0	853.5	873.4	909.8	886.7	889.4	873.0	869.7	860.3	865.7	880.3
69.0	726.6	745.6	781.9	759.2	763.0	749.0	746.5	738.5	743.8	757.3
72.0	599.8	616.7	652.3	631.0	636.6	624.5	623.8	616.8	622.3	634.7
75.0	474.4	488.9	523.4	502.8	511.2	501.7	502.6	495.4	499.9	512.6
78.0	351.8	363.4	395.9	377.1	387.7	381.7	380.3	371.9	375.5	387.6
81.0	233.5	243.2	273.0	255.8	268.4	260.9	261.4	254.2	259.1	268.5
84.0	119.2	128.2	155.4	141.3	151.1	145.5	148.6	145.4	149.1	158.3
87.0	19.92	46.50	55.56	39.56	51.75	45.73	53.81	50.54	56.10	60.04
90.0	0.1436	0.1245	0.4209	0.5511	0.4135	4.842	0.3835	6.816	0.3775	2.585
93.0	0.1655	0.1654	0.4966	0.5032	0.4883	0.4797	0.4573	0.4465	0.4343	0.4337
96.0	0.2044	0.2083	0.5787	0.5696	0.5560	0.5473	0.5279	0.5168	0.5066	0.5069
99.0	0.2417	0.2521	0.6469	0.6303	0.6101	0.6027	0.5883	0.5791	0.5714	0.5689
102.0	0.2761	0.2894	0.6967	0.6803	0.6496	0.6447	0.6345	0.6259	0.6225	0.6198
105.0	0.3146	0.3270	0.7280	0.6997	0.6748	0.6748	0.6726	0.6612	0.6552	0.6577
108.0	0.3644	0.3708	0.7149	0.6828	0.6660	0.6707	0.6669	0.6647	0.6734	0.6676
111.0	0.4150	0.4154	0.6933	0.6576	0.6448	0.6485	0.6446	0.6484	0.6575	0.6519
114.0	0.4713	0.4724	0.6866	0.6475	0.6393	0.6255	0.6226	0.6275	0.6352	0.6359
117.0	0.5389	0.5419	0.7032	0.6689	0.6552	0.6207	0.6101	0.6200	0.6313	0.6283
120.0	0.6183	0.6136	0.7786	0.7431	0.7170	0.6661	0.6284	0.6279	0.6402	0.6272
123.0	0.6808	0.6858	0.8590	0.8390	0.8025	0.7634	0.6921	0.6791	0.6808	0.6717
126.0	0.7317	0.7435	0.9258	0.9166	0.8854	0.8714	0.7931	0.7755	0.7867	0.7540
129.0	0.7663	0.7964	0.9725	0.9748	0.9592	0.9759	0.9176	0.8875	0.8994	0.8456
132.0	0.8151	0.8396	1.012	1.020	1.021	1.052	1.025	1.019	1.017	0.9587
135.0	0.8510	0.8735	1.050	1.055	1.068	1.102	1.108	1.108	1.089	1.032
138.0	0.8757	0.8987	1.071	1.077	1.093	1.134	1.152	1.172	1.141	1.073
141.0	0.8990	0.9191	1.098	1.109	1.120	1.159	1.176	1.202	1.192	1.112
144.0	0.9142	0.9453	1.140	1.153	1.158	1.202	1.205	1.233	1.229	1.165
147.0	0.9245	0.9697	1.189	1.203	1.191	1.255	1.241	1.262	1.264	1.221
150.0	0.9272	0.9882	1.240	1.256	1.220	1.295	1.275	1.299	1.264	1.250
153.0	0.9737	1.007	1.273	1.310	1.304	1.335	1.314	1.338	1.296	1.285
156.0	1.028	1.067	1.318	1.398	1.381	1.390	1.366	1.354	1.310	1.298
159.0	1.078	1.132	1.412	1.469	1.438	1.457	1.413	1.377	1.321	1.300
162.0	1.141	1.174	1.430	1.488	1.489	1.506	1.441	1.386	1.314	1.272
165.0	1.236	1.262	1.451	1.535	1.561	1.570	1.504	1.439	1.323	1.287
168.0	1.312	1.342	1.478	1.565	1.609	1.620	1.547	1.465	1.352	1.293
171.0	1.290	1.317	1.488	1.565	1.595	1.624	1.553	1.433	1.384	1.341
174.0	1.327	1.370	1.489	1.552	1.556	1.562	1.518	1.405	1.394	1.373
177.0	1.315	1.369	1.475	1.512	1.500	1.484	1.482	1.361	1.357	1.321
180.0	1.305	1.362	1.445	1.484	1.448	1.425	1.389	1.336	1.285	1.245
G/C	300.0	315.0	330.0	345.0						
0.0	2356	2356	2356	2356						
3.0	2355	2356	2357	2355						
6.0	2349	2350	2351	2350						
9.0	2335	2338	2340	2339						
12.0	2316	2319	2323	2322						
15.0	2290	2294	2300	2301						
18.0	2259	2264	2271	2273						
21.0	2220	2228	2237	2240						
24.0	2175	2183	2195	2199						
27.0	2122	2134	2148	2153						
30.0	2064	2079	2095	2101						
33.0	2004	2016	2036	2043						
36.0	1939	1947	1979	1978						
39.0	1861	1871	1905	1906						
42.0	1777	1789	1825	1828						
45.0	1688	1701	1739	1743						
48.0	1592	1607	1645	1652						
51.0	1489	1506	1546	1554						
54.0	1382	1399	1440	1448						
57.0	1270	1289	1328	1338						
60.0	1154	1172	1211	1222						
63.0	1034	1052	1090	1101						
66.0	911.1	930.0	964.8	976.4						

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks:



## Photometric Data Table [cd]

69.0	786.6	805.7	836.8	850.2
72.0	661.3	678.7	707.5	718.9
75.0	538.2	551.9	578.5	588.4
78.0	414.0	428.5	451.1	458.8
81.0	291.4	306.1	327.4	331.8
84.0	175.4	185.7	207.3	210.6
87.0	71.65	78.54	91.72	97.62
90.0	0.4443	8.989	1.269	39.38
93.0	0.4260	0.4380	0.4369	0.4439
96.0	0.5001	0.5093	0.5077	0.5133
99.0	0.5658	0.5724	0.5724	0.5865
102.0	0.6184	0.6232	0.6258	0.6346
105.0	0.6633	0.6619	0.6611	0.6681
108.0	0.6657	0.6663	0.6525	0.6597
111.0	0.6507	0.6505	0.6452	0.6381
114.0	0.6332	0.6283	0.6331	0.6320
117.0	0.6205	0.6196	0.6418	0.6486
120.0	0.6294	0.6544	0.6850	0.7049
123.0	0.6653	0.7115	0.7323	0.7802
126.0	0.7378	0.7859	0.7967	0.8386
129.0	0.8375	0.8501	0.8498	0.8792
132.0	0.9232	0.9047	0.8979	0.9197
135.0	0.9967	0.9468	0.9446	0.9619
138.0	1.052	0.9998	0.9838	0.9905
141.0	1.106	1.060	1.035	1.037
144.0	1.155	1.124	1.086	1.099
147.0	1.194	1.161	1.135	1.160
150.0	1.219	1.202	1.179	1.213
153.0	1.254	1.240	1.245	1.251
156.0	1.261	1.260	1.319	1.289
159.0	1.249	1.304	1.365	1.373
162.0	1.260	1.329	1.369	1.386
165.0	1.289	1.359	1.400	1.394
168.0	1.294	1.386	1.425	1.410
171.0	1.295	1.388	1.426	1.424
174.0	1.264	1.399	1.400	1.409
177.0	1.254	1.367	1.354	1.395
180.0	1.245	1.289	1.306	1.362

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.6DEG  
 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: 51.2%  
 Test Distance: 2.500m [K=0.9942]  
 Remarks: