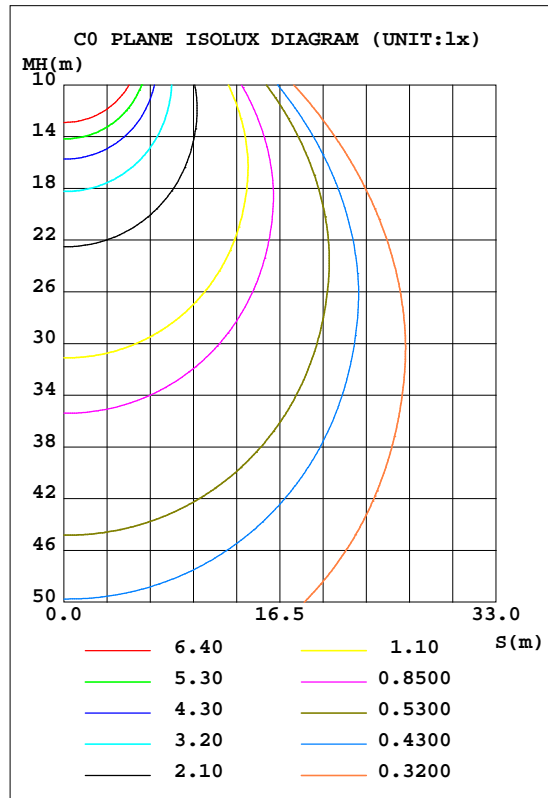
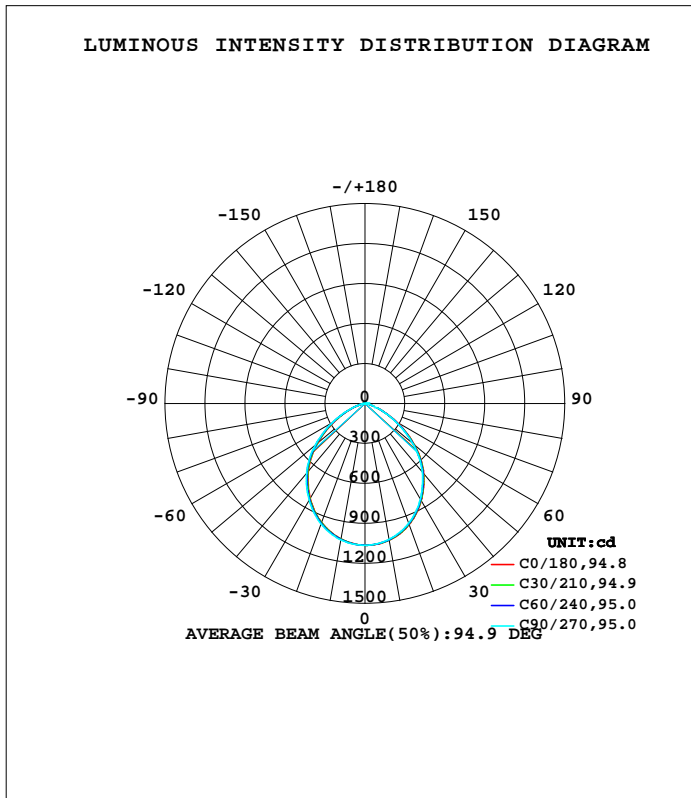


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.47 lm/W
MODEL	ASD-CDL2-8A30CC	I _{max} (cd)	1064	S/MH(C0/180)	1.16	
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.18	
RATED VOLTAGE(V)	110-277	TOTAL FLUX(lm)	2305.1	h UP, DN(C0-180)	0.5, 49.2	
NOMINAL FLUX(lm)	2305.09	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 49.9	
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	h down(%)	99.1	CIBSE SHR MAX	1.30	



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

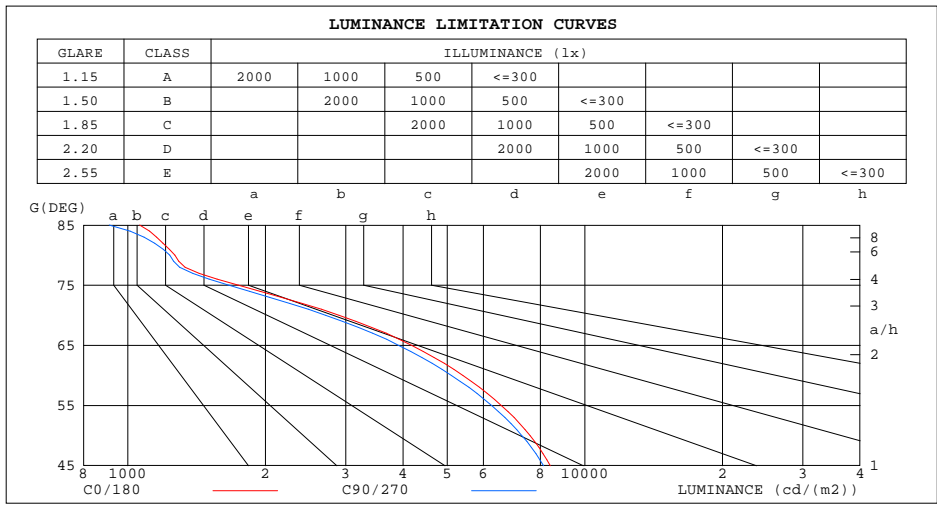
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1043	1040	1036	1033	1033	1035	1040	1042	0- 10	100.3	100.3	4.35,4.35
20	968.1	964.0	957.6	952.6	951.5	955.6	963.5	968.1	10- 20	283.2	383.5	16.6,16.6
30	844.5	839.1	830.9	824.2	822.9	828.8	838.8	843.2	20- 30	415.1	798.6	34.6,34.6
40	686.8	679.7	670.0	664.0	662.4	671.3	682.7	686.3	30- 40	472.9	1272	55.2,55.2
50	487.5	478.4	468.1	462.3	465.0	475.7	488.2	489.0	40- 50	447.0	1719	74.6,74.6
60	270.3	263.1	255.5	254.7	257.3	265.2	275.9	274.9	50- 60	329.2	2048	88.8,88.8
70	99.02	95.24	92.74	94.37	95.17	97.82	102.7	102.8	60- 70	173.2	2221	96.4,96.4
80	21.98	21.76	21.47	22.04	22.39	22.34	22.38	22.19	70- 80	52.80	2274	98.6,98.6
90	0.6671	0.6657	0.6950	0.6809	0.6348	0.5562	0.5270	0.5514	80- 90	10.39	2284	99.1,99.1
100	1.284	1.301	1.340	1.327	1.142	1.126	1.098	1.107	90-100	0.9705	2285	99.1,99.1
110	2.138	2.165	2.209	2.201	1.976	1.940	1.908	1.907	100-110	1.712	2287	99.2,99.2
120	3.145	3.153	3.218	3.205	2.968	2.913	2.872	2.845	110-120	2.515	2289	99.3,99.3
130	4.152	4.146	4.201	4.208	3.971	3.896	3.861	3.824	120-130	3.162	2293	99.5,99.5
140	5.075	5.065	5.155	5.157	4.903	4.830	4.804	4.728	130-140	3.469	2296	99.6,99.6
150	5.973	5.939	6.044	6.041	5.811	5.768	5.713	5.652	140-150	3.388	2299	99.8,99.8
160	6.777	6.817	6.844	6.910	6.699	6.721	6.667	6.606	150-160	2.909	2302	99.9,99.9
170	7.452	7.462	7.545	7.560	7.448	7.476	7.461	7.401	160-170	2.013	2304	100,100
180	7.820	7.859	7.838	7.898	7.820	7.864	7.828	7.903	170-180	0.7290	2305	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1062	911
80	1267	1236
75	1747	1665
70	2897	2711
65	4178	3916
60	5410	5108
55	6571	6254
50	7589	7281
45	8405	8126

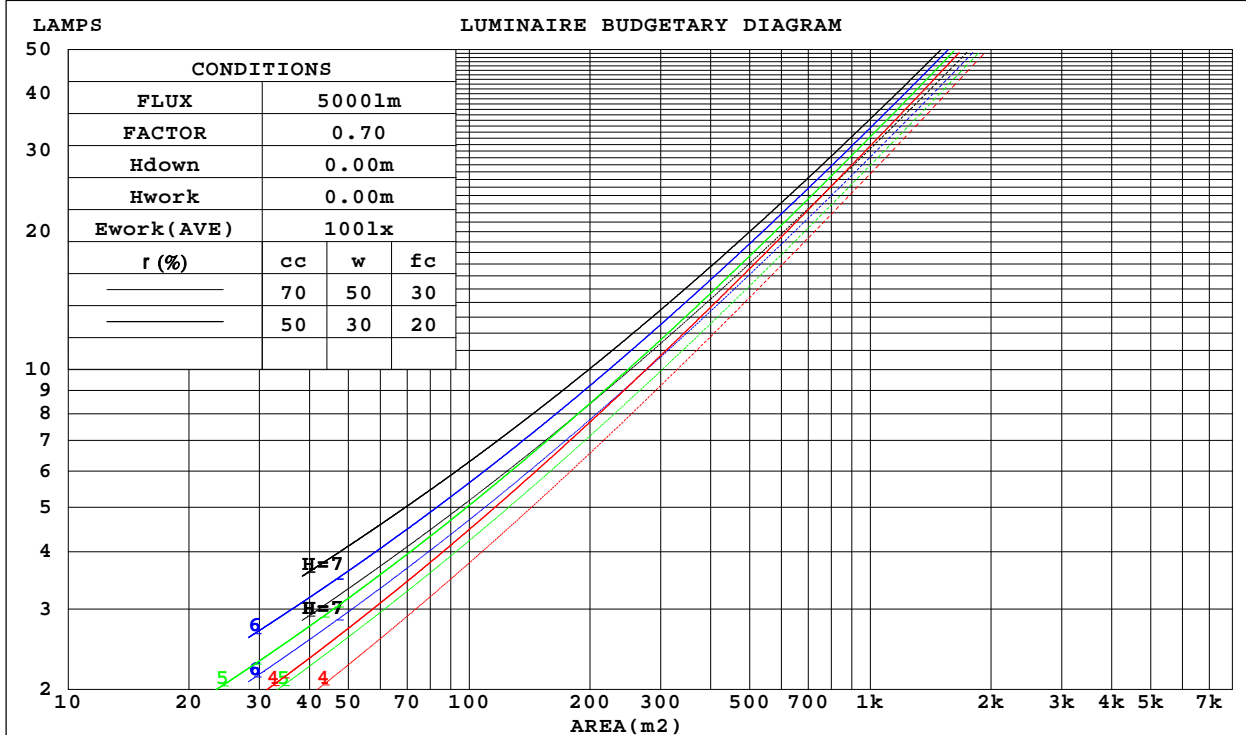
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{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	1.01	1.01	1.01	.99
1.0	1.07	1.03	.90	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.78	.72	.83	.76	.71	.80	.74	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.59	.53	.63	.57	.53	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.52	.47	.56	.51	.46	.45
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.51	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.38	.50	.43	.38	.49	.42	.38	.47	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.44	.38	.34	.32
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.41	.35	.31	.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

WEC AND CCEC

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.254	.145	.046	.247	.141	.045	.234	.134	.043	.221	.128	.041	.210	.122	.039	
2.0	.247	.136	.042	.241	.133	.041	.229	.127	.040	.218	.122	.038	.208	.118	.037	
3.0	.235	.125	.037	.229	.123	.037	.219	.118	.036	.209	.115	.035	.200	.111	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.198	.106	.032	.190	.103	.031	
5.0	.207	.106	.031	.203	.104	.030	.195	.101	.030	.187	.099	.029	.180	.096	.029	
6.0	.195	.098	.028	.191	.096	.028	.184	.094	.027	.177	.092	.027	.170	.090	.027	
7.0	.183	.091	.026	.180	.089	.026	.173	.088	.025	.167	.086	.025	.161	.084	.025	
8.0	.172	.084	.024	.169	.083	.024	.163	.082	.023	.158	.080	.023	.153	.078	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.076	.022	.150	.075	.021	.145	.074	.021	
10.0	.154	.074	.020	.151	.073	.020	.147	.072	.020	.142	.071	.020	.138	.069	.020	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.183	.164	.146	.157	.140	.125	.107	.097	.087	.062	.056	.050	.020	.018	.016	
2.0	.173	.139	.110	.148	.120	.095	.102	.083	.067	.059	.048	.039	.019	.016	.013	
3.0	.165	.121	.086	.141	.104	.075	.097	.073	.053	.056	.042	.031	.018	.014	.010	
4.0	.157	.107	.070	.135	.093	.060	.093	.065	.043	.054	.038	.025	.017	.012	.008	
5.0	.150	.097	.058	.129	.084	.050	.089	.058	.035	.051	.034	.021	.017	.011	.007	
6.0	.143	.088	.049	.123	.076	.043	.085	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.137	.081	.042	.118	.070	.037	.081	.049	.026	.047	.029	.016	.015	.010	.005	
8.0	.131	.075	.038	.112	.065	.033	.078	.046	.023	.045	.027	.014	.015	.009	.005	
9.0	.125	.071	.034	.108	.061	.029	.075	.043	.021	.043	.025	.012	.014	.008	.004	
10.0	.120	.066	.031	.103	.058	.027	.072	.040	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL2-8A30CC (5000k)		TYPE:		WEIGHT:						
SPEC.:		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	16.1	17.4	16.3	17.6	17.8	15.9	17.2	16.1	17.4	17.7
3H	16.5	17.8	16.8	18.0	18.3	16.3	17.6	16.6	17.8	18.0
4H	16.6	17.7	16.9	18.0	18.3	16.3	17.5	16.7	17.8	18.0
6H	16.5	17.6	16.9	17.9	18.2	16.3	17.4	16.6	17.7	18.0
8H	16.5	17.6	16.8	17.8	18.1	16.3	17.3	16.6	17.6	17.9
12H	16.5	17.5	16.8	17.8	18.1	16.2	17.3	16.6	17.6	17.9
4H 2H	16.3	17.5	16.6	17.7	18.0	16.1	17.3	16.4	17.6	17.8
3H	16.8	17.9	17.2	18.2	18.5	16.7	17.7	17.0	18.0	18.3
4H	16.9	17.8	17.3	18.2	18.5	16.7	17.6	17.1	18.0	18.3
6H	16.9	17.7	17.3	18.1	18.5	16.7	17.5	17.1	17.9	18.3
8H	16.9	17.7	17.3	18.0	18.4	16.7	17.5	17.1	17.8	18.2
12H	16.9	17.6	17.3	18.0	18.4	16.7	17.4	17.1	17.8	18.2
8H 4H	16.9	17.6	17.3	18.0	18.4	16.7	17.4	17.1	17.8	18.2
6H	16.9	17.5	17.4	17.9	18.4	16.7	17.3	17.2	17.8	18.2
8H	16.9	17.5	17.4	17.9	18.4	16.7	17.3	17.2	17.7	18.2
12H	16.9	17.4	17.4	17.8	18.3	16.7	17.2	17.2	17.7	18.1
12H 4H	16.8	17.5	17.3	17.9	18.3	16.6	17.3	17.1	17.7	18.1
6H	16.9	17.4	17.3	17.9	18.3	16.7	17.2	17.2	17.7	18.1
8H	16.9	17.4	17.4	17.8	18.3	16.7	17.2	17.2	17.6	18.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.6 / - 0.7				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.5				
2.0H	+ 1.0 / - 1.3					+ 1.0 / - 1.3				

CIE Pub.117, 2305 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

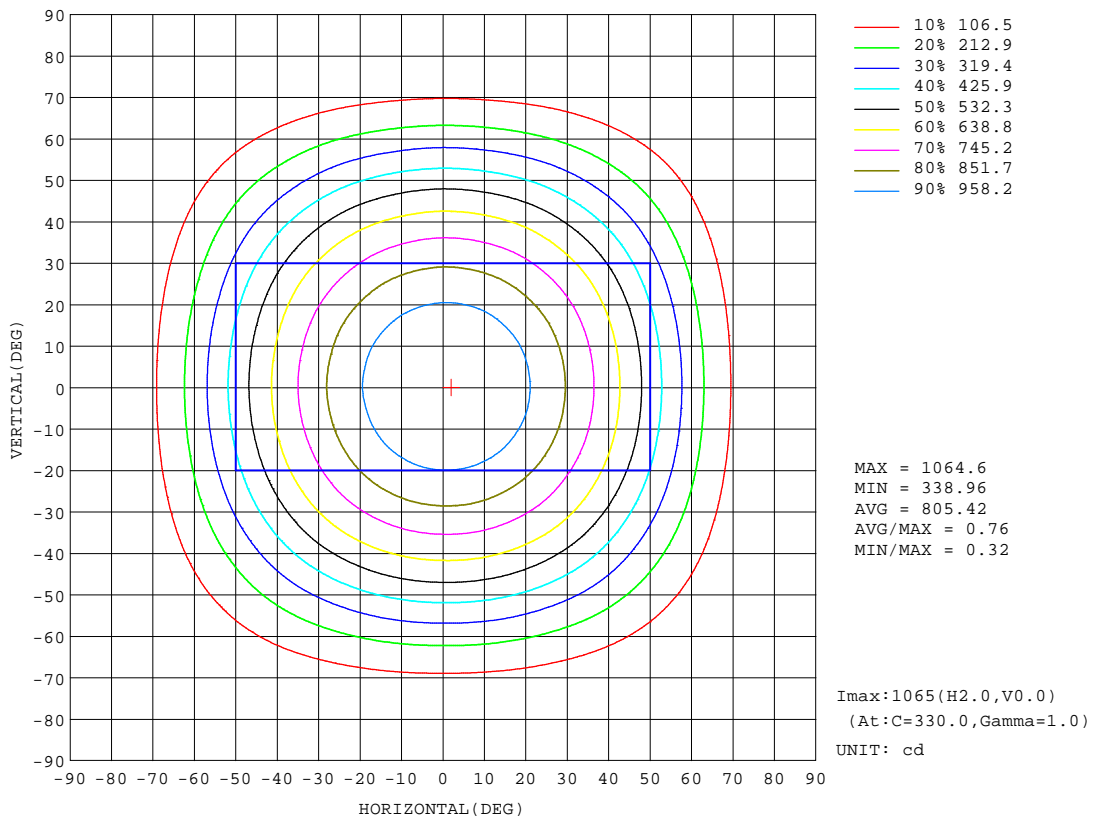
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	74	63	57	73	63	56	71	62	56	50
1.00	82	72	66	81	72	66	79	73	65	59
1.25	89	80	74	87	79	73	85	78	72	66
1.50	93	85	79	92	84	79	89	82	77	71
2.00	99	92	87	98	91	86	94	89	85	77
2.50	103	96	91	101	95	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	87
5.00	111	107	103	108	105	102	104	101	98	89
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: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



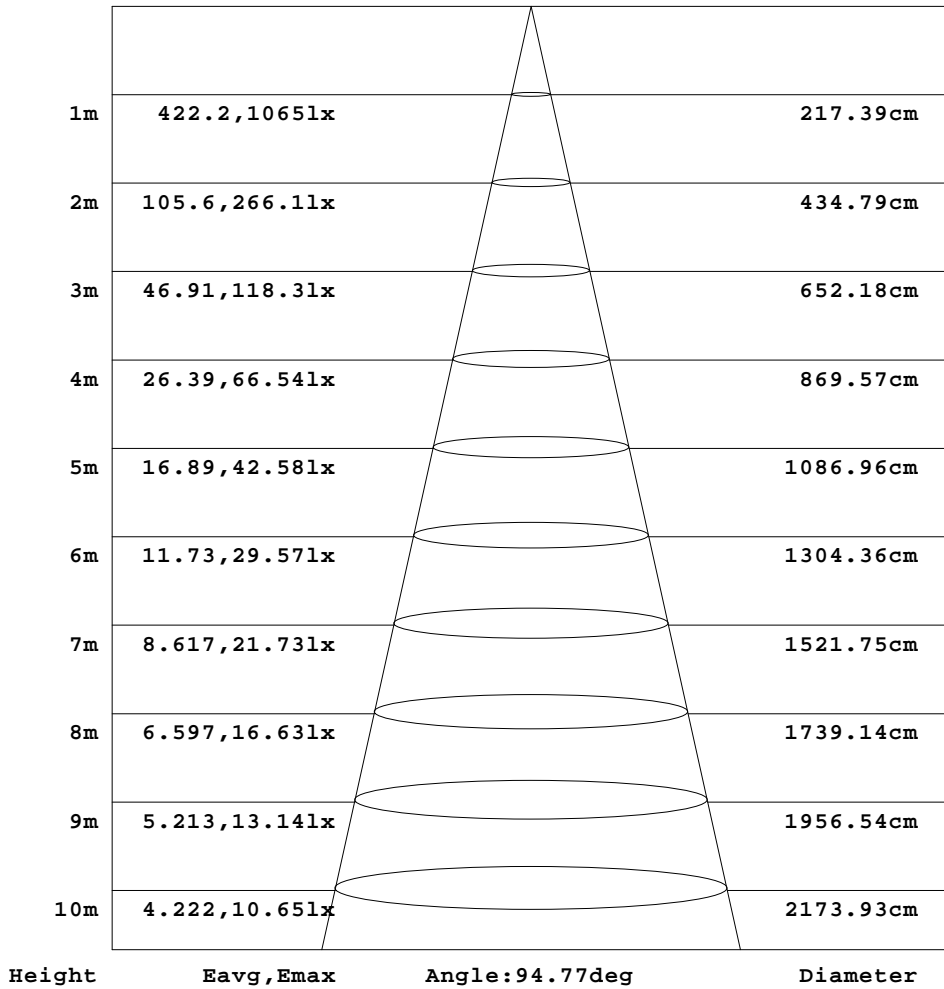
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks:

AAI Figure

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Flux out:1636 lm



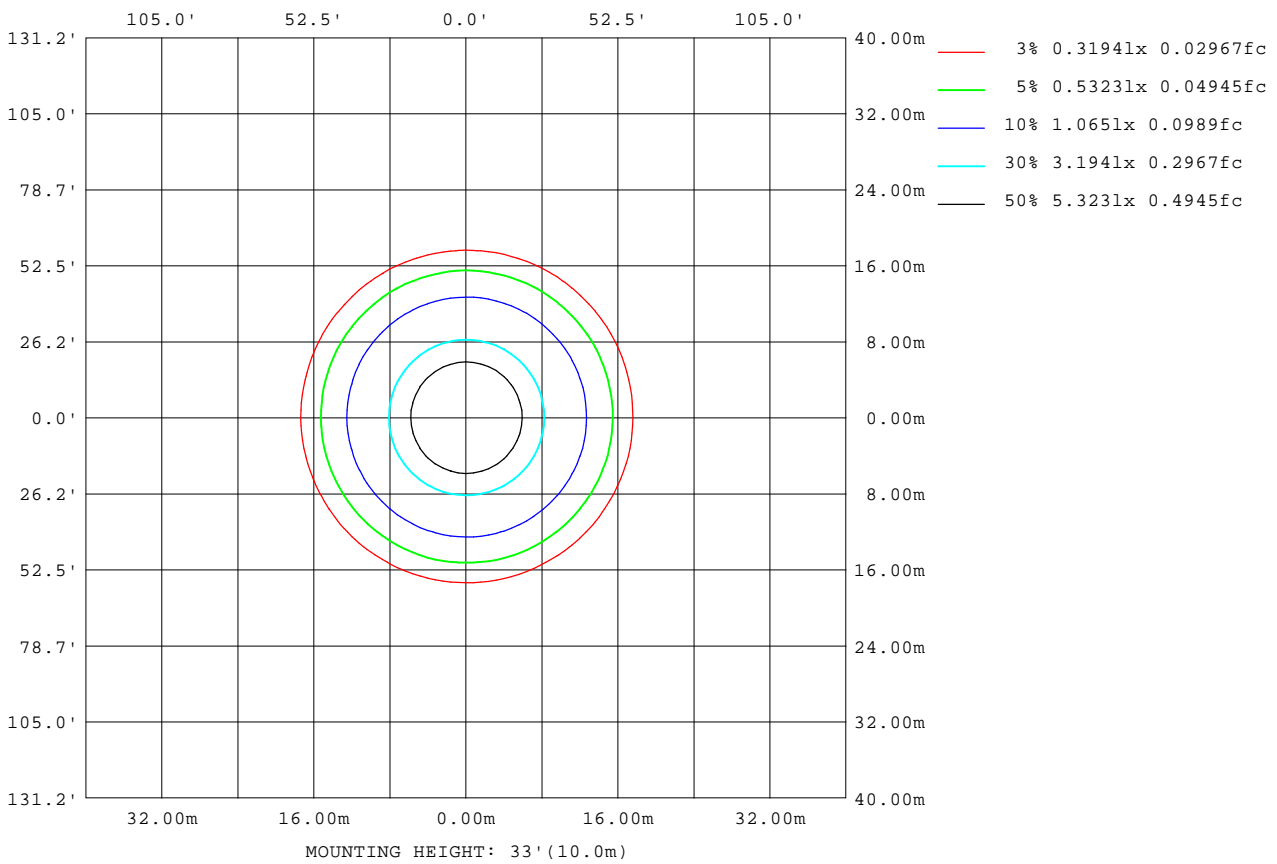
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	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: WANG
Test Date: 2019-12-03

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0358]
Remarks:

LED Avg.L Report

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

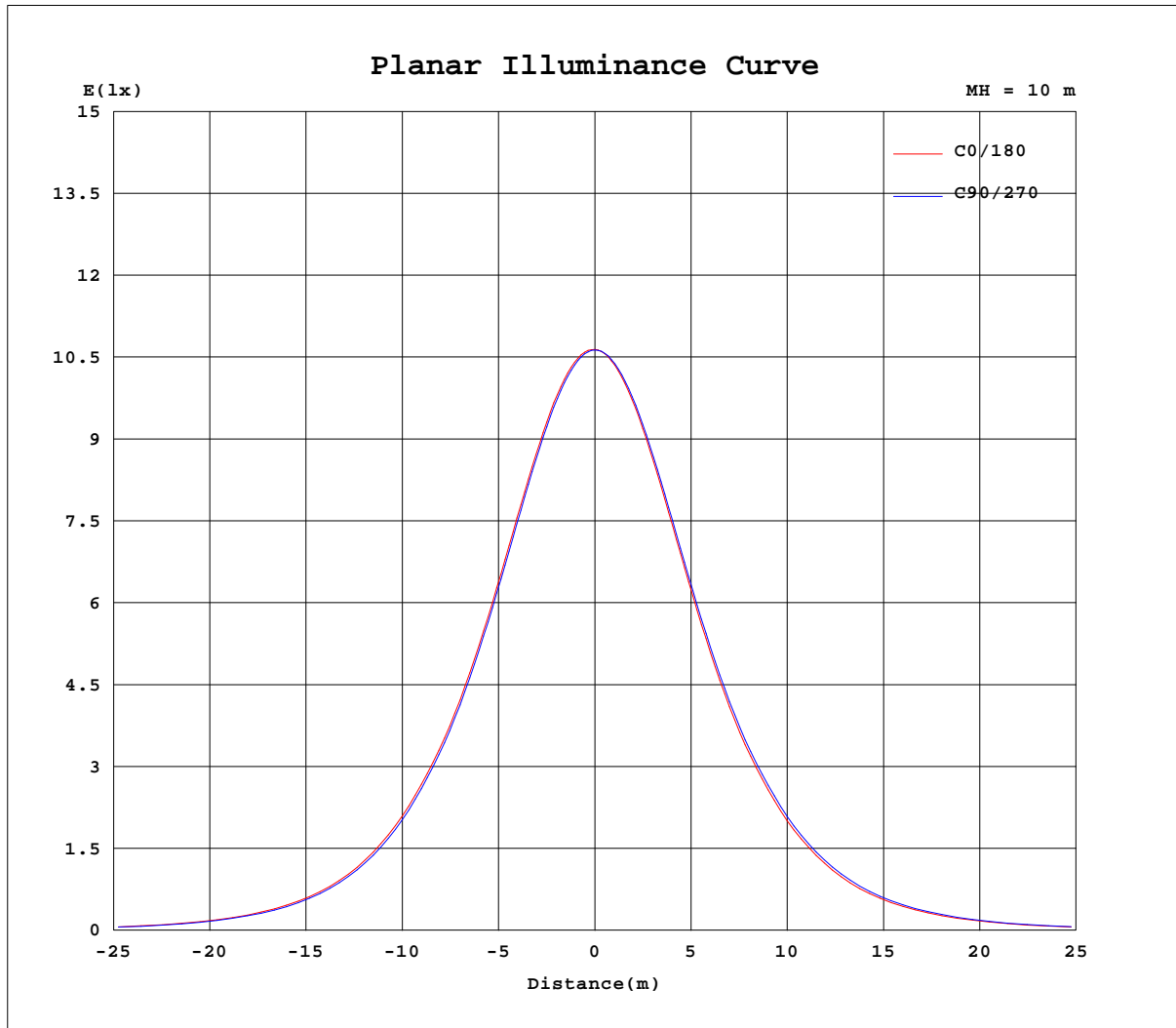
AvgL	cd/m2
L_0~180(65)av	4075
L_0~180(75)av	1741
L_0~180(85)av	1103
L_90~270(65)av	4108
L_90~270(75)av	1744
L_90~270(85)av	925
L_45(65)av	4090
L_45(75)av	1739
L_45(85)av	1032

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0358]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064
5	1060	1060	1059	1059	1058	1057	1057	1056	1055	1055	1055	1055	1055	1055	1055	1056	1057	1057	1058
10	1043	1042	1041	1040	1039	1038	1036	1035	1034	1033	1033	1032	1033	1033	1034	1035	1037	1038	1040
15	1012	1012	1010	1009	1006	1005	1003	1002	1000	999	998	998	998	999	1000	1001	1004	1005	1008
20	968	968	965	964	962	960	958	956	954	953	951	950	951	952	954	956	959	960	964
25	912	911	909	907	904	902	900	898	896	894	892	891	893	893	896	897	901	903	907
30	844	844	841	839	836	834	831	829	826	824	822	821	823	823	827	829	833	835	839
35	768	767	763	761	758	756	752	750	747	745	743	742	744	746	750	752	757	759	763
40	687	686	682	680	676	674	670	668	665	664	661	661	662	664	669	671	676	678	683
45	594	593	588	586	582	579	575	573	570	569	566	567	569	571	576	579	585	587	591
50	487	486	481	478	474	472	468	466	463	462	461	462	465	467	473	476	481	484	488
55	377	374	370	368	364	362	359	358	355	355	354	355	358	360	366	369	374	376	380
60	270	269	264	263	259	259	255	256	254	255	253	255	257	258	263	265	271	272	276
65	176	175	172	170	168	167	166	166	165	166	165	166	168	168	172	173	177	178	182
70	99.0	98.0	95.9	95.2	93.7	93.6	92.7	93.5	93.5	94.4	93.9	94.4	95.2	95.2	97.3	97.8	100	101	103
75	45.2	44.8	43.9	43.7	43.2	43.4	43.1	43.6	43.7	44.3	44.2	44.6	45.0	44.8	45.6	45.4	46.3	46.2	47.2
80	22.0	22.0	21.7	21.8	21.6	21.6	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.3	22.5	22.3	22.4	22.2	22.4
85	9.25	9.40	8.99	8.83	8.28	8.20	7.94	8.36	8.66	9.38	9.63	10.1	9.99	9.85	9.75	9.18	8.83	8.27	8.17
90	0.67	0.66	0.68	0.67	0.68	0.69	0.69	0.69	0.69	0.68	0.70	0.74	0.63	0.59	0.58	0.56	0.54	0.55	0.53
95	0.94	0.94	0.96	0.94	0.96	0.96	0.98	0.97	0.97	0.96	0.98	0.95	0.81	0.82	0.80	0.80	0.79	0.80	0.78
100	1.28	1.28	1.30	1.30	1.33	1.32	1.34	1.34	1.35	1.33	1.35	1.32	1.14	1.15	1.13	1.13	1.10	1.12	1.10
105	1.69	1.69	1.71	1.71	1.73	1.72	1.75	1.74	1.75	1.72	1.75	1.73	1.53	1.54	1.52	1.52	1.50	1.51	1.49
110	2.14	2.13	2.15	2.17	2.19	2.19	2.21	2.21	2.21	2.20	2.21	2.20	1.98	1.96	1.95	1.94	1.92	1.92	1.91
115	2.64	2.63	2.63	2.65	2.67	2.68	2.71	2.71	2.71	2.70	2.71	2.71	2.46	2.45	2.43	2.42	2.39	2.39	2.38
120	3.14	3.14	3.14	3.15	3.18	3.18	3.22	3.22	3.21	3.20	3.23	3.23	2.97	2.95	2.92	2.91	2.88	2.88	2.87
125	3.66	3.64	3.65	3.66	3.67	3.68	3.72	3.71	3.72	3.72	3.74	3.74	3.47	3.45	3.42	3.40	3.39	3.37	3.36
130	4.15	4.13	4.14	4.15	4.16	4.16	4.20	4.20	4.21	4.21	4.23	4.24	3.97	3.95	3.92	3.90	3.88	3.86	3.86
135	4.62	4.60	4.59	4.60	4.61	4.63	4.69	4.67	4.68	4.69	4.70	4.72	4.44	4.43	4.38	4.37	4.35	4.33	4.32
140	5.07	5.06	5.05	5.06	5.08	5.10	5.15	5.14	5.15	5.16	5.16	5.20	4.90	4.90	4.86	4.83	4.80	4.79	4.80
145	5.53	5.51	5.50	5.51	5.53	5.56	5.62	5.59	5.59	5.61	5.63	5.65	5.35	5.35	5.32	5.30	5.25	5.25	5.26
150	5.97	5.95	5.96	5.94	5.97	6.00	6.04	6.04	6.02	6.04	6.09	6.10	5.81	5.82	5.80	5.77	5.73	5.73	5.71
155	6.39	6.36	6.40	6.39	6.40	6.41	6.45	6.45	6.46	6.47	6.53	6.52	6.26	6.29	6.27	6.24	6.22	6.21	6.19
160	6.78	6.76	6.79	6.82	6.80	6.81	6.84	6.86	6.87	6.91	6.93	6.91	6.70	6.73	6.73	6.72	6.69	6.69	6.67
165	7.14	7.13	7.14	7.17	7.21	7.23	7.26	7.27	7.26	7.28	7.29	7.28	7.11	7.16	7.14	7.14	7.12	7.13	7.11
170	7.45	7.42	7.43	7.46	7.51	7.53	7.54	7.54	7.54	7.56	7.59	7.59	7.45	7.49	7.49	7.48	7.46	7.46	7.46
175	7.68	7.68	7.69	7.72	7.73	7.71	7.72	7.73	7.76	7.80	7.81	7.77	7.69	7.72	7.75	7.74	7.72	7.71	7.70
180	7.82	7.82	7.85	7.86	7.84	7.82	7.84	7.83	7.87	7.90	7.86	7.82	7.82	7.83	7.85	7.86	7.84	7.83	7.83

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (5000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345															
0	1064	1064	1064	1064	1064															
5	1059	1059	1060	1060	1060															
10	1040	1042	1042	1043	1043															
15	1009	1011	1012	1013	1013															
20	965	967	968	970	970															
25	908	911	911	913	913															
30	840	843	843	846	845															
35	764	767	767	770	770															
40	684	687	686	689	688															
45	592	595	594	596	595															
50	488	490	489	491	489															
55	380	382	380	381	379															
60	275	277	275	276	273															
65	181	183	181	182	179															
70	103	104	103	103	101															
75	46.8	47.3	46.6	46.8	45.9															
80	22.2	22.4	22.2	22.3	22.1															
85	8.03	8.35	8.58	9.08	9.20															
90	0.55	0.54	0.55	0.54	0.56															
95	0.79	0.79	0.78	0.78	0.79															
100	1.11	1.10	1.11	1.09	1.12															
105	1.49	1.48	1.49	1.48	1.49															
110	1.92	1.89	1.91	1.89	1.91															
115	2.38	2.35	2.37	2.36	2.37															
120	2.86	2.85	2.85	2.85	2.86															
125	3.34	3.33	3.33	3.32	3.35															
130	3.83	3.82	3.82	3.82	3.83															
135	4.30	4.28	4.28	4.27	4.29															
140	4.75	4.74	4.73	4.73	4.75															
145	5.20	5.19	5.19	5.18	5.19															
150	5.67	5.66	5.65	5.65	5.65															
155	6.15	6.14	6.12	6.11	6.10															
160	6.64	6.62	6.61	6.58	6.57															
165	7.10	7.06	7.02	6.98	6.99															
170	7.48	7.45	7.40	7.35	7.34															
175	7.71	7.74	7.72	7.66	7.62															
180	7.83	7.86	7.90	7.86	7.83															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:WANG
 Test Date:2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.110m [K=1.0358]
 Remarks: