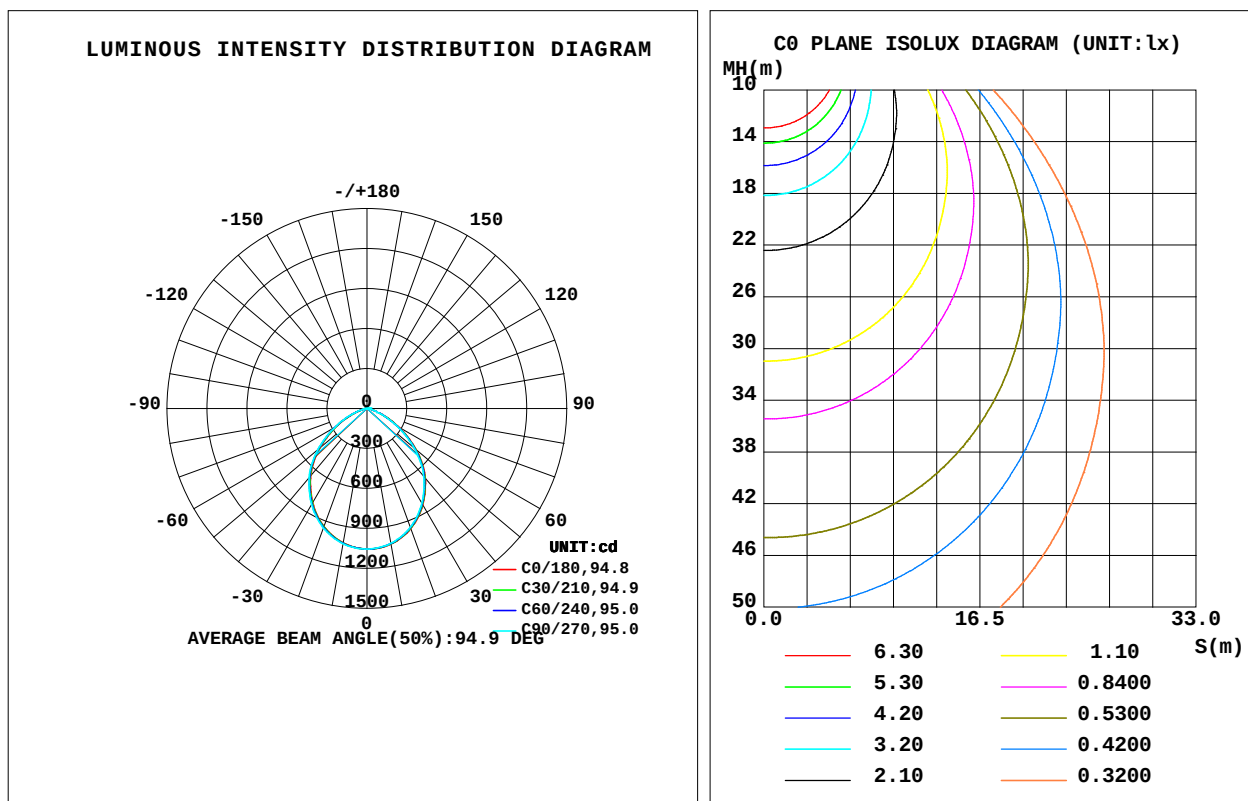


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.86 lm/W			
MODEL	ASD-CDL2-8A30CC	I _{max} (cd)	1055	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)	2286.2	h UP, DN(C0-180)	0.5, 49.2
NOMINAL FLUX(lm)	2286.19	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 G0-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0321]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

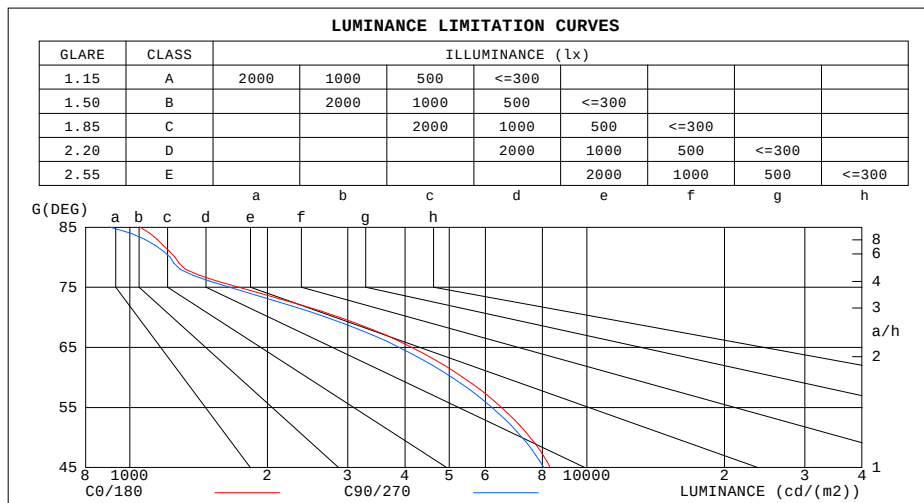
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1034	1032	1028	1025	1025	1027	1031	1034	0- 10	99.48	99.48	4.35, 4.35
20	960.4	956.0	949.5	944.5	943.9	947.7	955.5	959.9	10- 20	280.8	380.3	16.6, 16.6
30	837.6	832.1	824.4	817.5	816.3	822.0	831.8	836.0	20- 30	411.7	792.0	34.6, 34.6
40	681.6	674.2	664.5	658.6	657.1	665.7	677.1	680.3	30- 40	469.0	1261	55.2, 55.2
50	483.4	474.7	464.6	458.5	461.3	471.8	484.1	485.0	40- 50	443.4	1704	74.6, 74.6
60	268.1	261.1	253.5	252.7	255.3	263.0	273.7	272.7	50- 60	326.6	2031	88.8, 88.8
70	98.29	94.50	92.06	93.62	94.46	97.01	101.9	101.9	60- 70	171.9	2203	96.4, 96.4
80	21.80	21.57	21.28	21.86	22.21	22.14	22.20	21.97	70- 80	52.37	2255	98.6, 98.6
90	0.6627	0.6660	0.6850	0.6757	0.6258	0.5525	0.5282	0.5472	80- 90	10.30	2265	99.1, 99.1
100	1.276	1.297	1.340	1.327	1.135	1.124	1.091	1.104	90-100	0.9627	2266	99.1, 99.1
110	2.119	2.146	2.194	2.180	1.968	1.932	1.900	1.882	100-110	1.699	2268	99.2, 99.2
120	3.114	3.132	3.190	3.180	2.949	2.884	2.856	2.819	110-120	2.495	2271	99.3, 99.3
130	4.115	4.103	4.176	4.181	3.940	3.870	3.823	3.790	120-130	3.135	2274	99.5, 99.5
140	5.032	5.015	5.118	5.118	4.857	4.787	4.760	4.692	130-140	3.440	2277	99.6, 99.6
150	5.930	5.893	5.996	5.995	5.764	5.724	5.663	5.609	140-150	3.360	2281	99.8, 99.8
160	6.733	6.761	6.785	6.858	6.646	6.670	6.610	6.551	150-160	2.885	2283	99.9, 99.9
170	7.399	7.396	7.481	7.493	7.390	7.410	7.398	7.339	160-170	1.996	2285	100, 100
180	7.759	7.805	7.767	7.833	7.759	7.795	7.762	7.833	170-180	0.7230	2286	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 G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



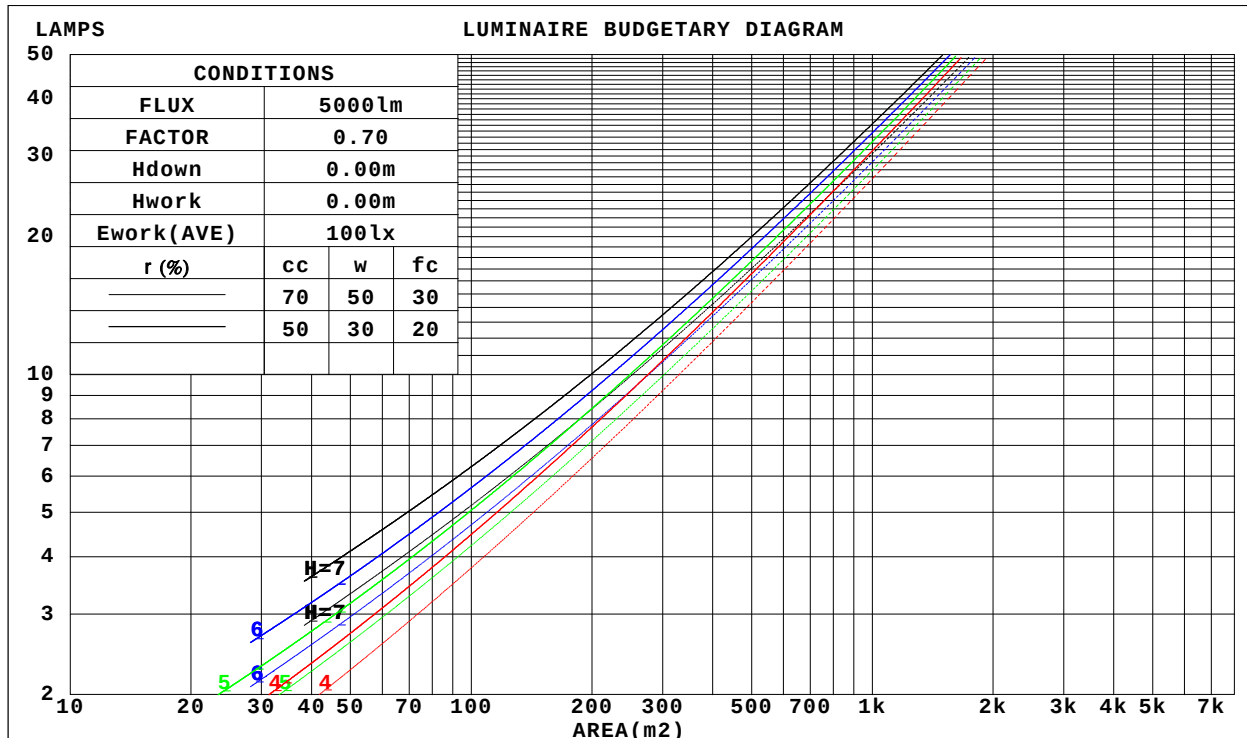
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0321]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL2-8A30CC (4000k)	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=1.0321]
Remarks:

WEC AND CCEC

NAME: ASD-CDL2-8A30CC (4000k)	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						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	.119	.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		

r c c	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 f c	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=1.0321]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL2-8A30CC (4000k)					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	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	18.2	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	17.6	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	17.3	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	17.8	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, 2286 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=1.0321]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

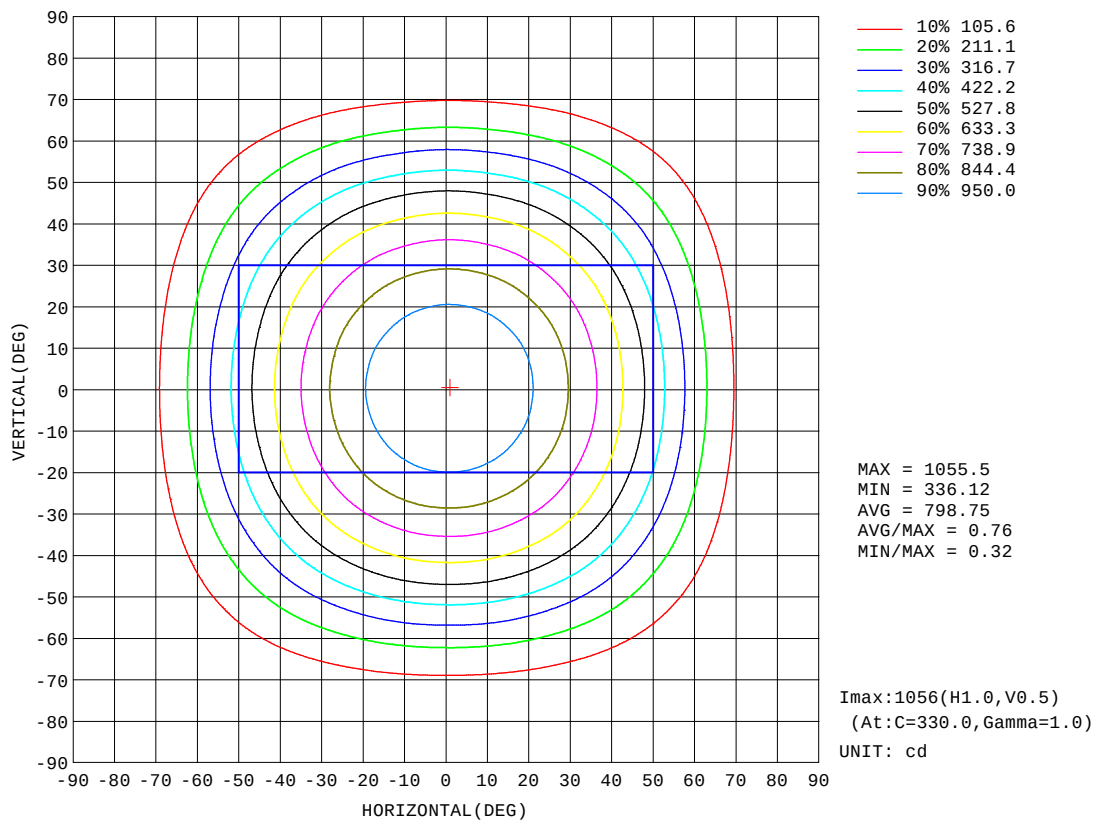
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	74	63	57	73	63	56	71	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 G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

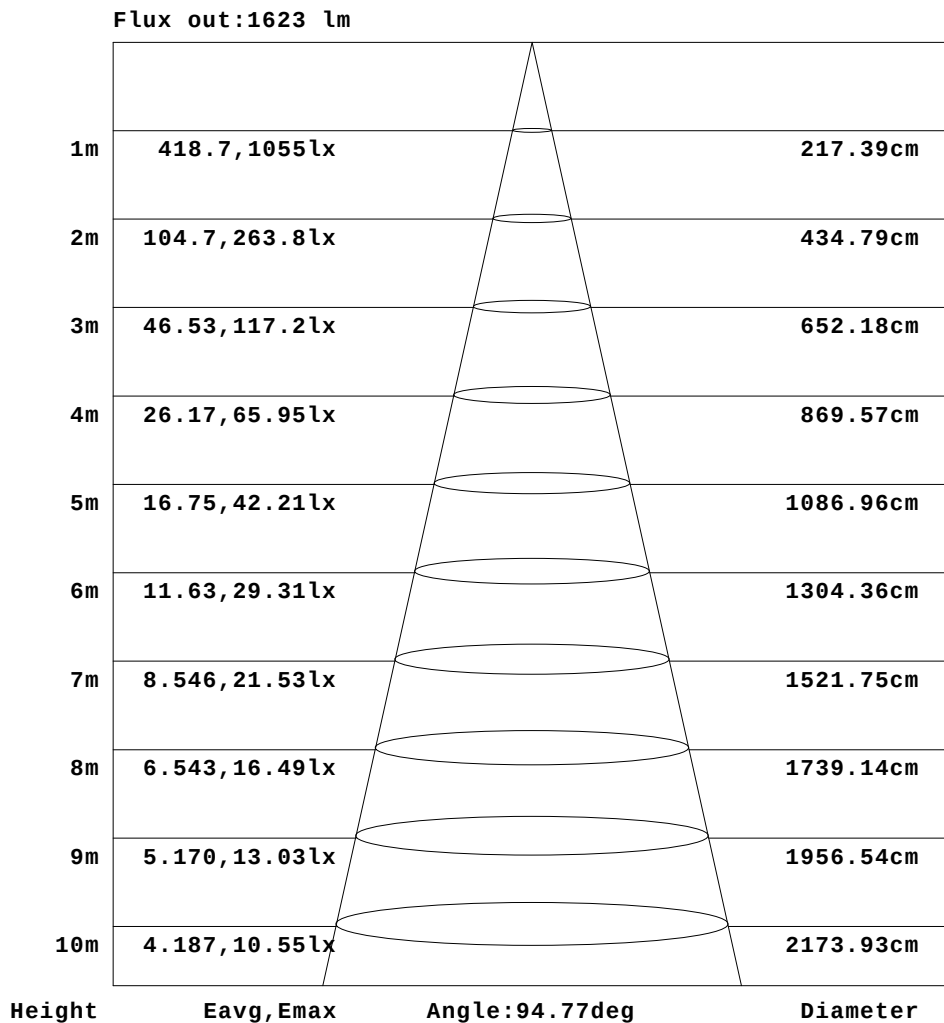


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

AAI Figure

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



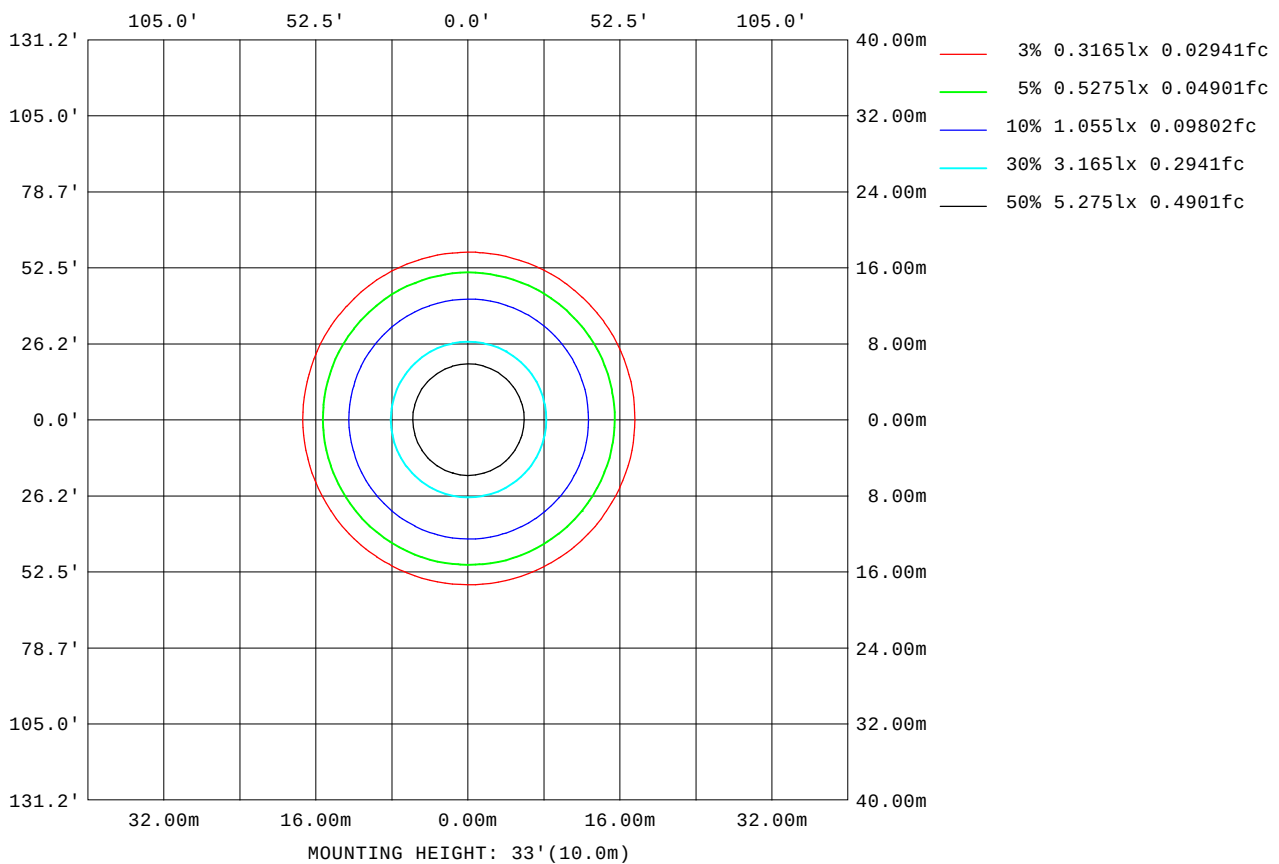
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.110m [K=1.0321]
Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL2-8A30CC (4000k)	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 G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

LED Avg.L Report

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

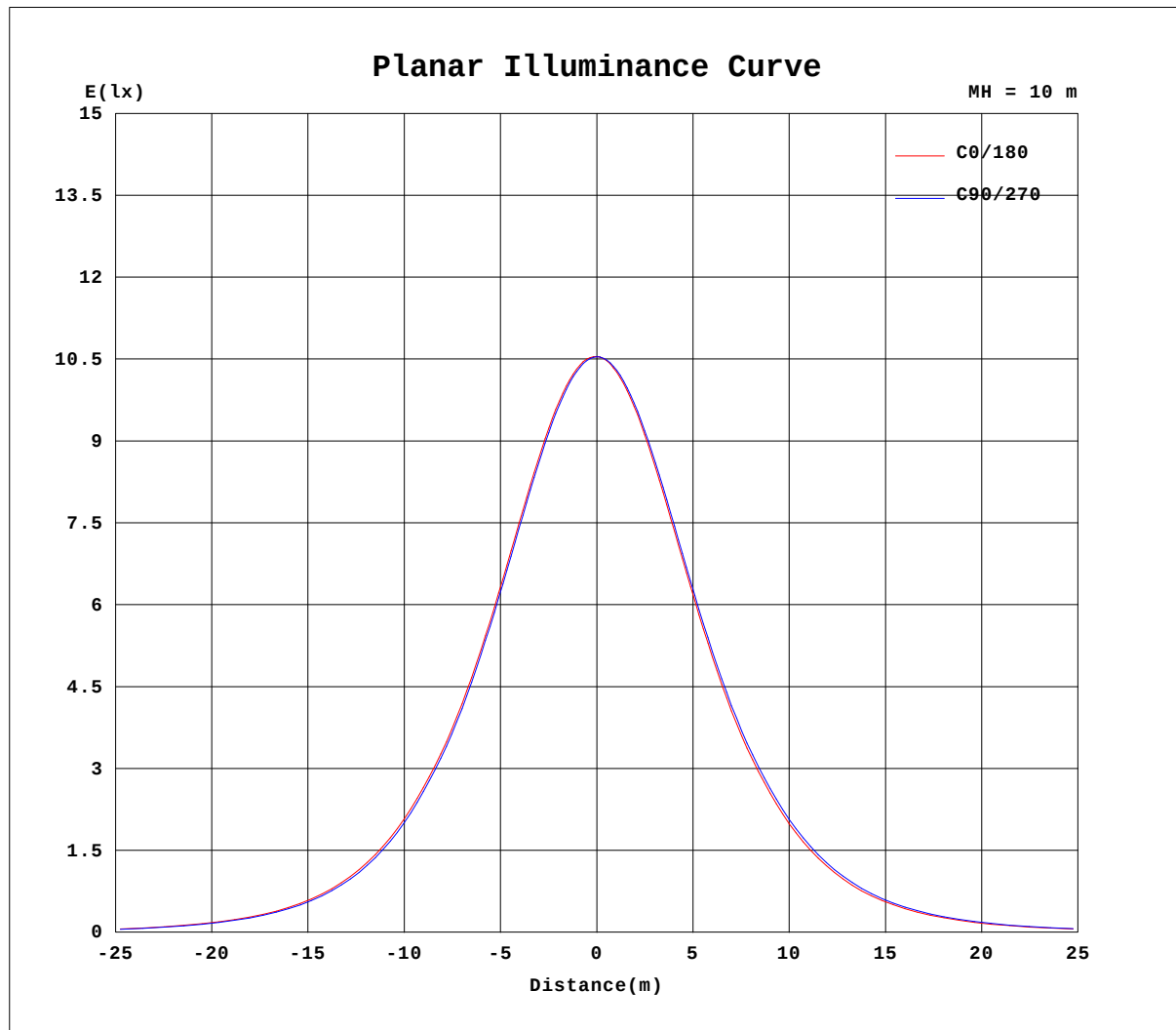
AvgL	cd/m2
L_0~180(65)av	4042
L_0~180(75)av	1728
L_0~180(85)av	1094
L_90~270(65)av	4074
L_90~270(75)av	1730
L_90~270(85)av	917
L_45(65)av	4058
L_45(75)av	1725
L_45(85)av	1023

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 G0-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0321]
 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 G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

Table--1
UNIT: cd

C(°) g (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055
5	1051	1051	1050	1050	1049	1048	1048	1047	1047	1046	1046	1046	1046	1046	1047	1047	1048	1048	1049
10	1034	1034	1032	1032	1030	1029	1028	1027	1026	1025	1024	1024	1025	1025	1026	1027	1028	1029	1031
15	1004	1003	1001	1000	998	997	995	994	992	991	990	989	990	990	992	993	996	997	1000
20	960	959	957	956	954	952	949	948	946	945	943	942	944	944	946	948	951	953	956
25	905	904	901	899	897	895	892	890	888	886	884	884	885	886	889	890	894	896	899
30	838	837	834	832	829	827	824	822	819	818	815	814	816	817	820	822	826	828	832
35	762	760	757	755	752	749	746	744	741	739	737	736	738	740	744	746	751	753	757
40	682	680	676	674	670	668	664	662	660	659	656	655	657	658	663	666	671	673	677
45	589	588	583	581	577	574	570	568	565	564	562	562	564	566	572	575	580	582	586
50	483	482	477	475	471	468	465	463	459	458	457	458	461	463	469	472	477	480	484
55	374	371	367	365	361	359	356	355	352	352	351	352	355	357	363	365	371	373	377
60	268	267	262	261	257	257	254	254	252	253	251	253	255	256	261	263	269	270	274
65	175	173	170	169	167	166	164	165	164	165	164	165	167	167	171	172	176	177	180
70	98.3	97.1	95.1	94.5	93.0	92.9	92.1	92.8	92.8	93.6	93.1	93.6	94.5	94.5	96.5	97.0	99.3	99.7	102
75	44.8	44.4	43.5	43.4	42.8	43.0	42.8	43.3	43.4	44.0	43.8	44.2	44.6	44.4	45.2	45.1	46.0	45.8	46.8
80	21.8	21.8	21.5	21.6	21.4	21.4	21.3	21.5	21.6	21.9	21.9	22.1	22.2	22.1	22.3	22.1	22.3	22.0	22.2
85	9.17	9.31	8.92	8.77	8.21	8.14	7.88	8.31	8.59	9.29	9.54	9.98	9.90	9.77	9.66	9.10	8.77	8.19	8.11
90	0.66	0.65	0.68	0.67	0.68	0.67	0.69	0.68	0.69	0.68	0.70	0.73	0.63	0.59	0.57	0.55	0.53	0.54	0.53
95	0.93	0.93	0.94	0.95	0.96	0.96	0.97	0.96	0.97	0.96	0.96	0.95	0.81	0.80	0.78	0.80	0.78	0.79	0.77
100	1.28	1.27	1.30	1.30	1.33	1.32	1.34	1.32	1.33	1.33	1.33	1.31	1.13	1.14	1.11	1.12	1.10	1.10	1.09
105	1.69	1.67	1.69	1.69	1.72	1.71	1.74	1.72	1.73	1.72	1.72	1.72	1.54	1.53	1.51	1.51	1.49	1.49	1.48
110	2.12	2.12	2.14	2.15	2.17	2.17	2.19	2.18	2.19	2.18	2.20	2.18	1.97	1.96	1.93	1.93	1.90	1.91	1.90
115	2.62	2.60	2.62	2.63	2.66	2.66	2.70	2.68	2.69	2.67	2.70	2.68	2.45	2.43	2.41	2.40	2.37	2.38	2.37
120	3.11	3.11	3.12	3.13	3.16	3.16	3.19	3.19	3.18	3.18	3.19	3.20	2.95	2.92	2.90	2.88	2.85	2.86	2.86
125	3.62	3.62	3.62	3.62	3.64	3.65	3.69	3.68	3.69	3.69	3.71	3.70	3.45	3.42	3.40	3.38	3.35	3.34	3.33
130	4.12	4.10	4.10	4.10	4.12	4.13	4.18	4.16	4.17	4.18	4.19	4.21	3.94	3.92	3.89	3.87	3.84	3.83	3.82
135	4.59	4.56	4.55	4.56	4.58	4.59	4.64	4.63	4.64	4.65	4.66	4.68	4.41	4.39	4.35	4.34	4.31	4.29	4.30
140	5.03	5.02	5.01	5.02	5.03	5.05	5.12	5.10	5.10	5.12	5.12	5.15	4.86	4.84	4.82	4.79	4.76	4.75	4.76
145	5.49	5.47	5.45	5.47	5.49	5.51	5.57	5.55	5.55	5.57	5.58	5.62	5.31	5.31	5.28	5.26	5.22	5.22	5.21
150	5.93	5.90	5.91	5.89	5.93	5.95	6.00	5.99	5.98	6.00	6.03	6.04	5.76	5.77	5.75	5.72	5.69	5.67	5.66
155	6.34	6.31	6.35	6.33	6.34	6.35	6.40	6.39	6.40	6.42	6.48	6.46	6.22	6.22	6.22	6.19	6.18	6.16	6.14
160	6.73	6.71	6.74	6.76	6.75	6.75	6.79	6.79	6.81	6.86	6.87	6.85	6.65	6.67	6.67	6.67	6.64	6.63	6.61
165	7.09	7.07	7.07	7.11	7.15	7.17	7.19	7.20	7.20	7.22	7.23	7.22	7.05	7.09	7.08	7.07	7.06	7.08	7.06
170	7.40	7.36	7.37	7.40	7.45	7.46	7.48	7.47	7.47	7.49	7.53	7.53	7.39	7.43	7.43	7.41	7.39	7.40	7.40
175	7.62	7.62	7.62	7.65	7.67	7.65	7.66	7.67	7.70	7.74	7.75	7.71	7.63	7.65	7.68	7.68	7.66	7.64	7.63
180	7.76	7.75	7.77	7.81	7.78	7.75	7.77	7.77	7.80	7.83	7.80	7.76	7.76	7.76	7.78	7.80	7.78	7.76	7.76

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

g Range: 0 - 180°
g Interval: 1.0°
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (4000k)	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	1055	1055	1055	1055	1055														
5	1050	1051	1051	1051	1051														
10	1032	1034	1034	1035	1034														
15	1001	1003	1003	1005	1004														
20	957	959	960	962	962														
25	900	903	903	906	905														
30	833	836	836	839	839														
35	758	760	761	763	763														
40	678	681	680	683	682														
45	587	590	589	591	590														
50	484	486	485	487	485														
55	377	378	376	378	376														
60	273	275	273	274	271														
65	180	181	180	180	178														
70	102	103	102	102	100														
75	46.4	46.9	46.2	46.4	45.5														
80	22.0	22.2	22.0	22.1	21.9														
85	7.96	8.28	8.51	9.00	9.12														
90	0.53	0.53	0.55	0.53	0.55														
95	0.78	0.77	0.78	0.77	0.78														
100	1.10	1.09	1.10	1.10	1.10														
105	1.48	1.47	1.48	1.47	1.47														
110	1.90	1.88	1.88	1.88	1.88														
115	2.35	2.34	2.34	2.34	2.36														
120	2.83	2.83	2.82	2.82	2.84														
125	3.31	3.31	3.31	3.30	3.32														
130	3.80	3.79	3.79	3.78	3.79														
135	4.26	4.25	4.25	4.24	4.25														
140	4.72	4.70	4.69	4.69	4.70														
145	5.16	5.14	5.15	5.13	5.16														
150	5.62	5.61	5.61	5.60	5.60														
155	6.11	6.10	6.06	6.06	6.05														
160	6.58	6.57	6.55	6.52	6.51														
165	7.03	7.01	6.96	6.92	6.93														
170	7.42	7.40	7.34	7.29	7.28														
175	7.65	7.68	7.65	7.60	7.56														
180	7.77	7.80	7.83	7.79	7.76														

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 G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0321]
Remarks: