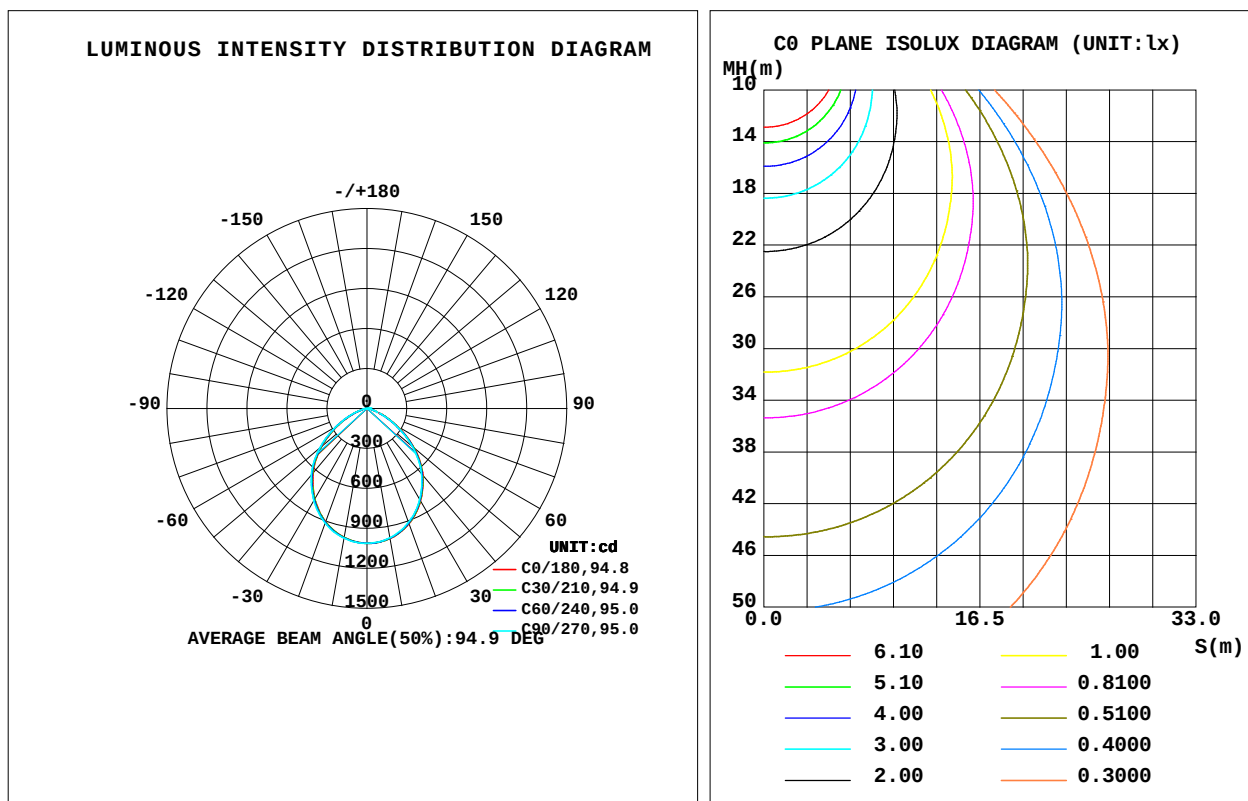


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.63 lm/W			
MODEL	ASD-CDL2-8A30CC	I _{max} (cd)	1013	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)	2193.4	h UP, DN(C0-180)	0.5,49.2
NOMINAL FLUX(lm)	2193.44	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=1.0111]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

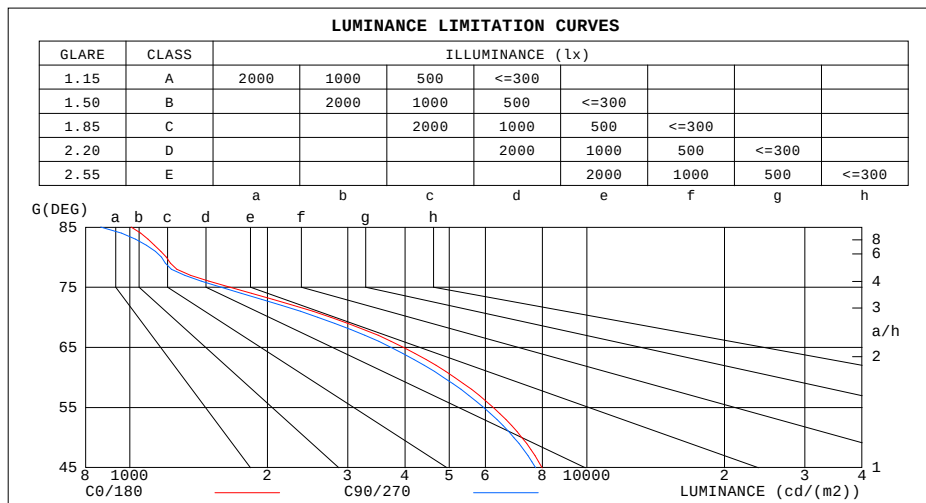
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	991.9	989.7	986.1	983.1	983.2	984.7	989.2	991.8	0- 10	95.44	95.44	4.35,4.35
20	921.1	917.3	910.9	906.1	905.5	909.2	916.9	920.8	10- 20	269.4	364.9	16.6,16.6
30	803.4	798.5	790.7	784.2	783.5	788.6	798.3	801.9	20- 30	395.0	759.8	34.6,34.6
40	653.6	646.8	637.3	631.7	630.7	638.9	649.8	652.8	30- 40	450.0	1210	55.2,55.2
50	463.6	455.4	445.4	439.8	442.8	452.9	464.6	465.1	40- 50	425.4	1635	74.5,74.5
60	257.0	250.4	243.1	242.4	245.1	252.6	262.9	261.5	50- 60	313.4	1949	88.8,88.8
70	94.14	90.70	88.23	89.84	90.83	93.13	97.95	97.73	60- 70	164.9	2113	96.4,96.4
80	20.88	20.69	20.40	20.96	21.35	21.26	21.32	21.08	70- 80	50.25	2164	98.6,98.6
90	0.6358	0.6346	0.6576	0.6485	0.6053	0.5255	0.5070	0.5205	80- 90	9.879	2174	99.1,99.1
100	1.215	1.245	1.277	1.273	1.089	1.069	1.052	1.050	90-100	0.9240	2175	99.1,99.1
110	2.034	2.064	2.101	2.101	1.880	1.845	1.814	1.811	100-110	1.630	2176	99.2,99.2
120	3.003	3.006	3.067	3.057	2.826	2.768	2.733	2.710	110-120	2.393	2179	99.3,99.3
130	3.945	3.948	4.004	4.013	3.787	3.714	3.679	3.628	120-130	3.010	2182	99.5,99.5
140	4.830	4.814	4.903	4.907	4.667	4.599	4.565	4.503	130-140	3.301	2185	99.6,99.6
150	5.682	5.656	5.751	5.744	5.523	5.485	5.440	5.373	140-150	3.223	2188	99.8,99.8
160	6.454	6.485	6.509	6.576	6.370	6.398	6.335	6.296	150-160	2.768	2191	99.9,99.9
170	7.097	7.100	7.158	7.186	7.075	7.118	7.102	7.044	160-170	1.915	2193	100,100
180	7.434	7.483	7.451	7.512	7.439	7.483	7.437	7.517	170-180	0.6934	2193	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=1.0111]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	1006	864
80	1202	1174
75	1658	1584
70	2752	2579
65	3971	3726
60	5141	4861
55	6245	5950
50	7213	6926
45	7987	7730

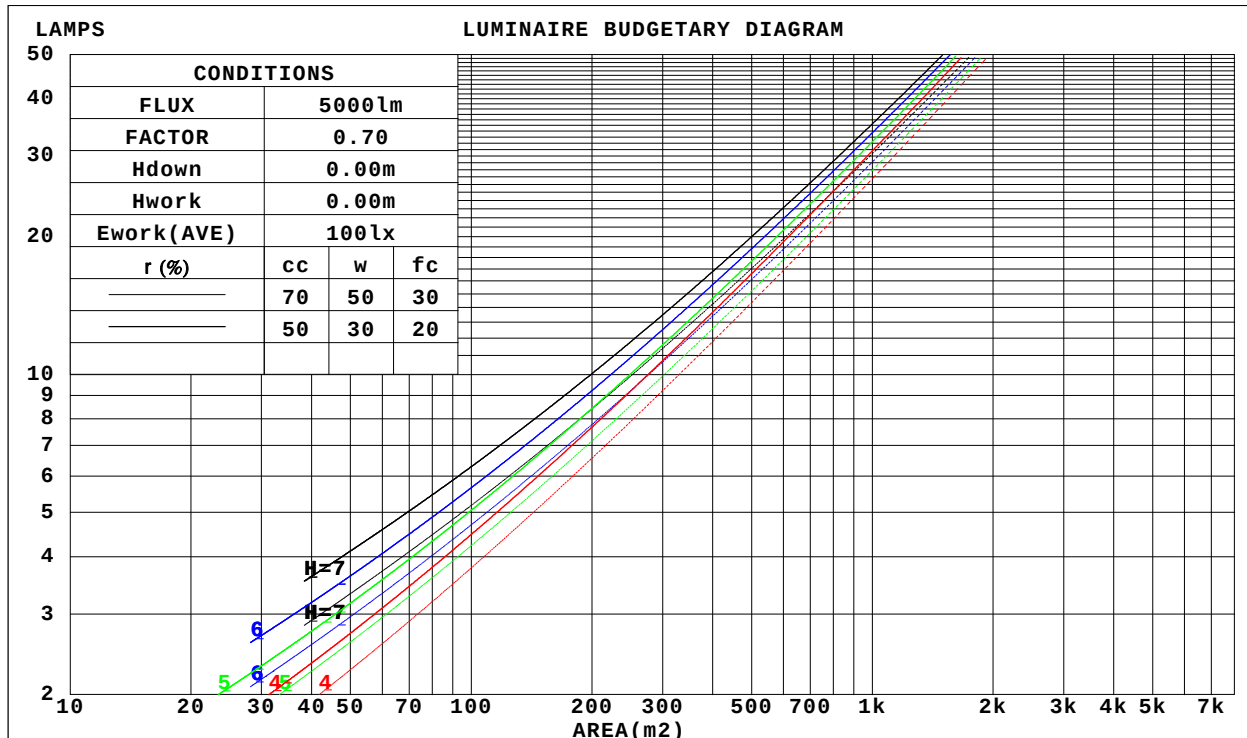
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

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=1.0111]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL2-8A30CC (3000k)	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	.44
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=1.0111]
Remarks:

WEC AND CCEC

NAME: ASD-CDL2-8A30CC (3000k)	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 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			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=1.0111]
Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL2-8A30CC (3000k)					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	16.5	17.7	16.9	18.0	18.3	16.3	17.5	16.7	17.8	18.0			
	6H	16.5	17.6	16.8	17.9	18.2	16.3	17.4	16.6	17.7	18.0			
	8H	16.5	17.5	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	17.8	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	17.4	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, 2193 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)
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=1.0111]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

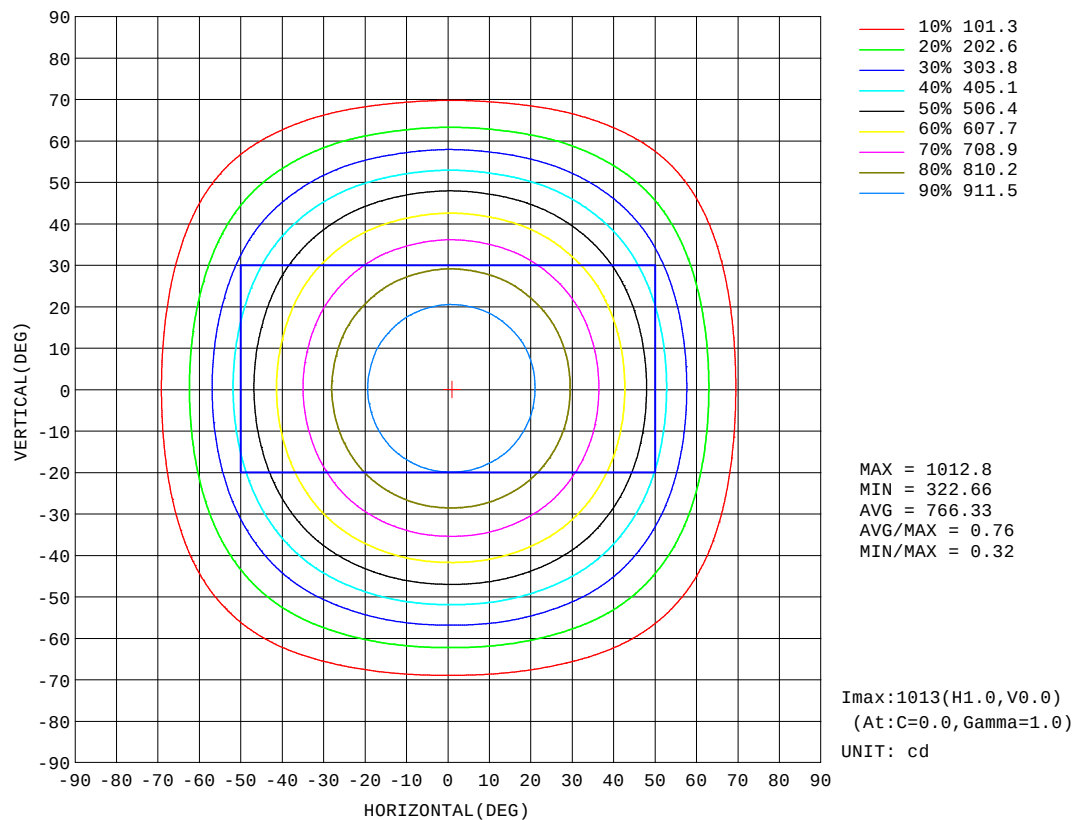
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	74	63	57	73	63	56	71	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=1.0111]
Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

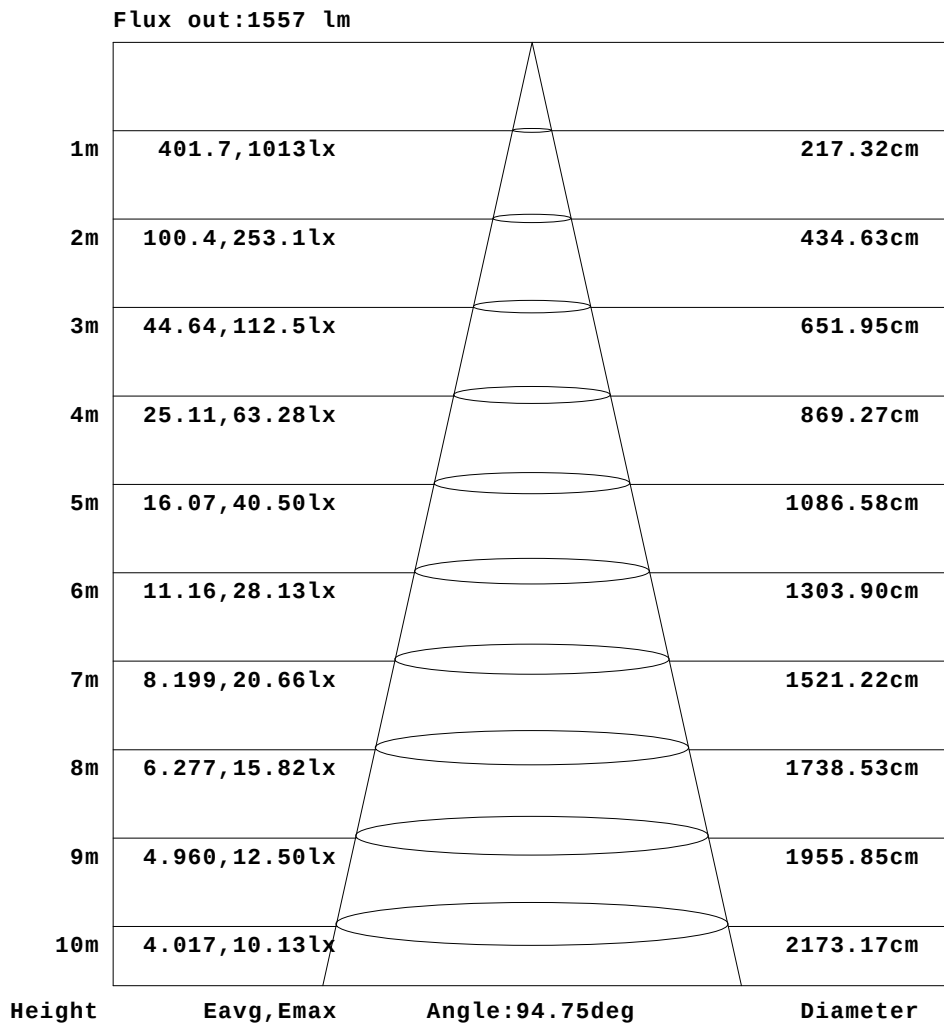


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

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=1.0111]
Remarks:

AAI Figure

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



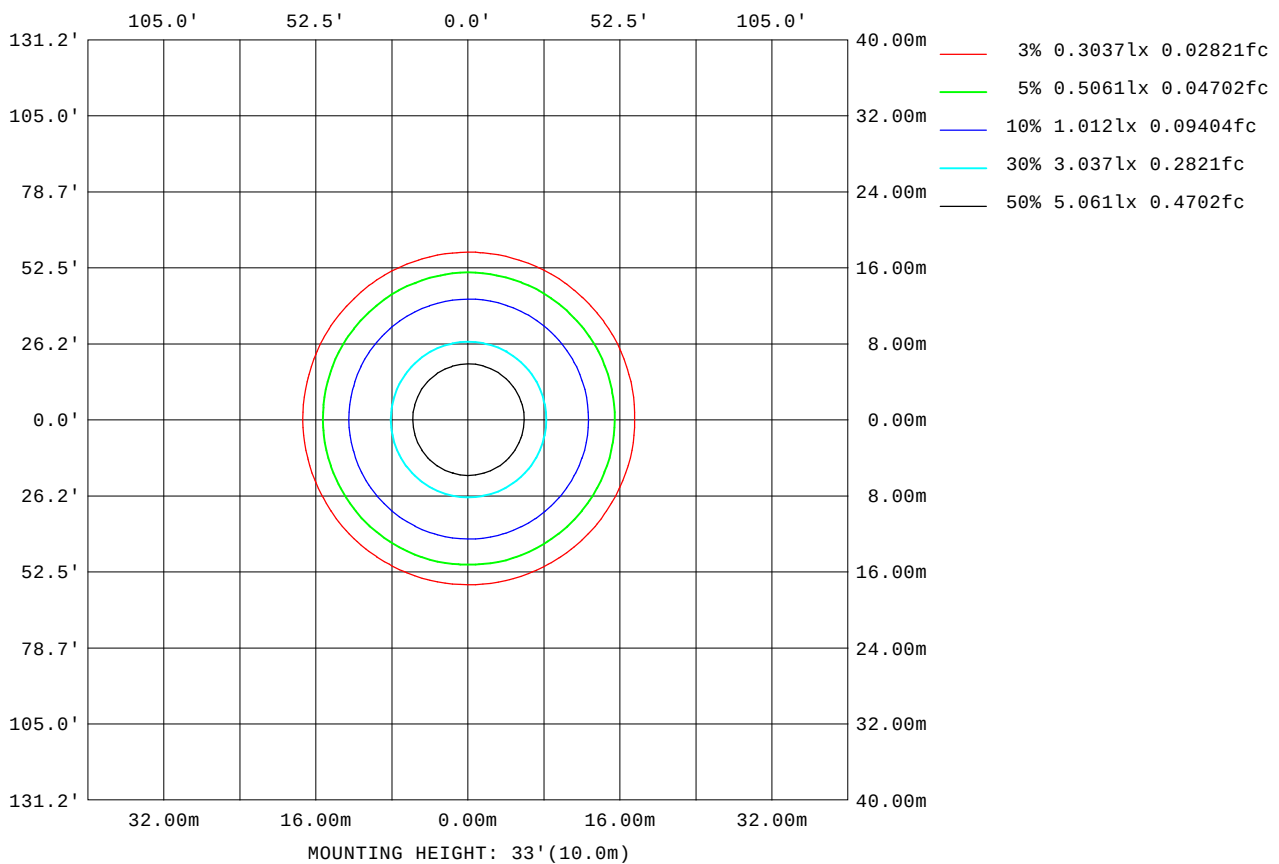
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0111]
Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL2-8A30CC (3000k)	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=1.0111]
Remarks:

LED Avg.L Report

NAME: ASD-CDL2-8A30CC (3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

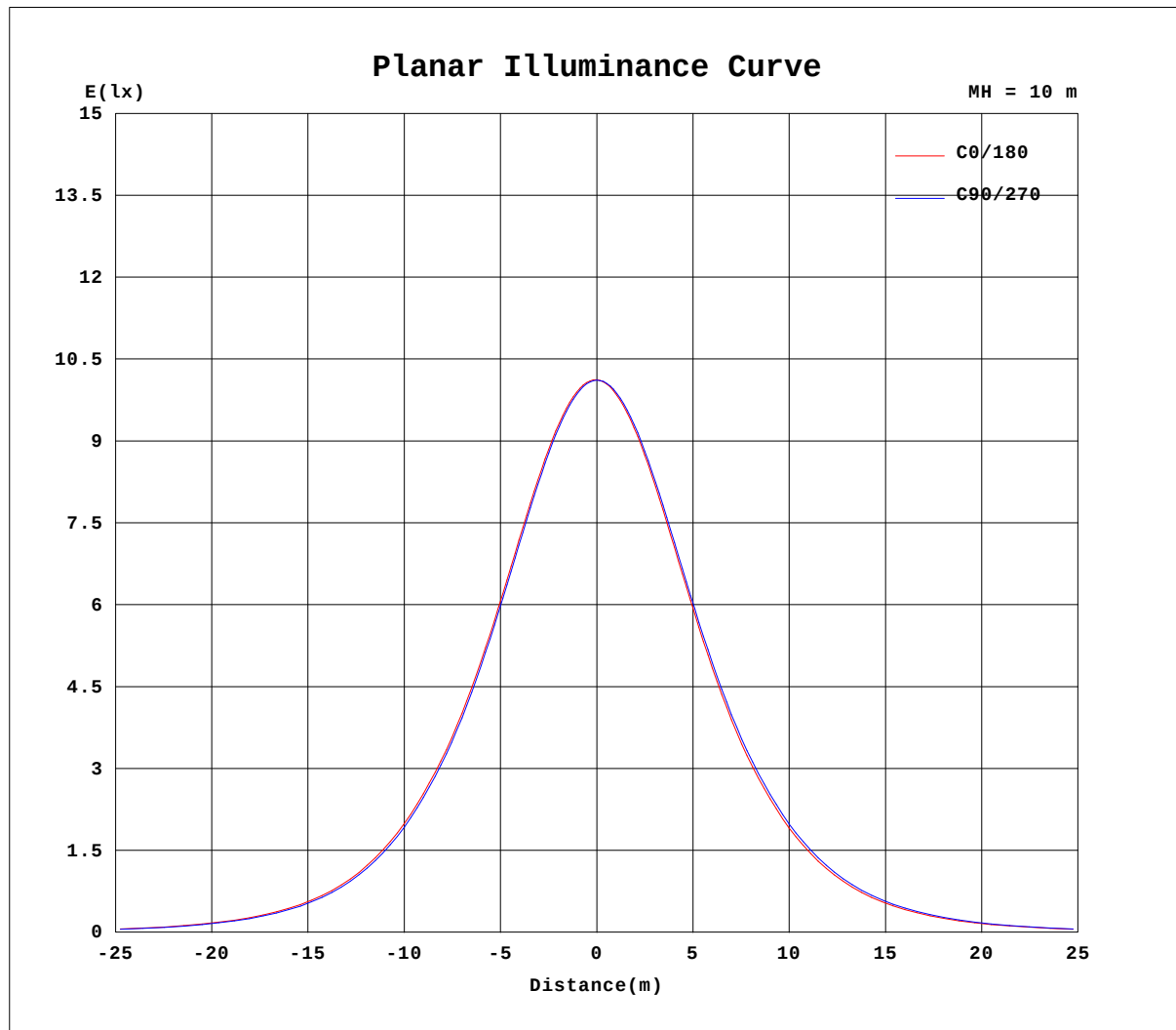
AvgL	cd/m2
L_0~180(65)av	3881
L_0~180(75)av	1658
L_0~180(85)av	1049
L_90~270(65)av	3911
L_90~270(75)av	1660
L_90~270(85)av	880
L_45(65)av	3894
L_45(75)av	1655
L_45(85)av	981

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=1.0111]
 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
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Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.110m [K=1.0111]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (3000k)	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	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012	1012
5	1008	1008	1008	1007	1007	1006	1005	1005	1004	1004	1003	1003	1004	1004	1004	1005	1006	1006	1007
10	992	992	990	990	989	987	986	985	984	983	982	982	983	983	984	985	986	987	989
15	963	962	960	960	958	956	955	954	952	951	949	949	950	950	952	953	955	956	959
20	921	921	918	917	915	913	911	910	908	906	904	904	905	906	908	909	912	913	917
25	868	867	865	863	860	859	856	854	852	850	848	848	850	850	852	854	858	859	863
30	803	803	800	799	795	793	791	789	786	784	782	781	783	784	787	789	793	794	798
35	730	729	726	724	721	719	716	714	711	709	707	706	709	710	714	716	720	722	726
40	654	652	649	647	643	641	637	636	633	632	629	629	631	632	636	639	644	645	650
45	565	564	560	557	553	551	547	545	542	541	539	539	542	543	549	551	557	558	563
50	464	462	458	455	451	449	445	444	440	440	438	439	443	445	450	453	458	460	465
55	358	356	352	350	346	345	341	340	338	338	336	338	341	343	348	351	356	358	362
60	257	256	251	250	247	246	243	244	241	242	241	242	245	246	251	253	258	259	263
65	168	166	163	162	160	159	158	158	157	158	157	158	160	160	164	165	169	170	173
70	94.1	93.2	91.1	90.7	89.1	89.1	88.2	89.1	88.9	89.8	89.3	89.8	90.8	90.7	92.8	93.1	95.5	95.7	97.9
75	42.9	42.6	41.6	41.6	41.0	41.3	41.0	41.5	41.6	42.2	42.0	42.4	42.9	42.6	43.5	43.3	44.2	44.0	44.9
80	20.9	20.9	20.6	20.7	20.5	20.6	20.4	20.7	20.7	21.0	21.0	21.1	21.3	21.2	21.4	21.3	21.4	21.1	21.3
85	8.77	8.92	8.52	8.42	7.86	7.79	7.53	7.96	8.23	8.92	9.14	9.55	9.52	9.39	9.30	8.73	8.43	7.87	7.80
90	0.64	0.62	0.65	0.63	0.65	0.64	0.66	0.64	0.66	0.65	0.67	0.70	0.61	0.56	0.54	0.53	0.52	0.52	0.51
95	0.89	0.89	0.91	0.90	0.93	0.91	0.93	0.93	0.93	0.92	0.92	0.92	0.77	0.78	0.76	0.77	0.75	0.75	0.73
100	1.22	1.23	1.25	1.25	1.26	1.26	1.28	1.27	1.28	1.27	1.27	1.26	1.09	1.10	1.07	1.07	1.06	1.06	1.05
105	1.60	1.61	1.63	1.62	1.65	1.64	1.66	1.66	1.67	1.65	1.66	1.64	1.48	1.48	1.44	1.45	1.43	1.43	1.42
110	2.03	2.04	2.05	2.06	2.09	2.08	2.10	2.09	2.11	2.10	2.11	2.09	1.88	1.87	1.85	1.85	1.83	1.82	1.81
115	2.51	2.50	2.52	2.52	2.56	2.56	2.58	2.57	2.58	2.57	2.59	2.57	2.34	2.33	2.30	2.30	2.28	2.28	2.27
120	3.00	2.98	3.00	3.01	3.02	3.04	3.07	3.06	3.06	3.06	3.07	3.07	2.83	2.81	2.78	2.77	2.75	2.74	2.73
125	3.49	3.46	3.48	3.48	3.50	3.50	3.54	3.54	3.54	3.54	3.56	3.56	3.30	3.29	3.26	3.24	3.22	3.21	3.20
130	3.95	3.93	3.94	3.95	3.96	3.96	4.00	3.99	4.00	4.01	4.03	4.04	3.79	3.76	3.72	3.71	3.69	3.67	3.68
135	4.40	4.38	4.37	4.38	4.39	4.40	4.46	4.43	4.46	4.46	4.47	4.49	4.23	4.21	4.16	4.15	4.13	4.12	4.12
140	4.83	4.81	4.80	4.81	4.84	4.85	4.90	4.89	4.90	4.91	4.92	4.94	4.67	4.65	4.62	4.60	4.57	4.56	4.56
145	5.26	5.24	5.23	5.24	5.27	5.28	5.34	5.33	5.33	5.34	5.35	5.38	5.10	5.10	5.06	5.04	5.00	5.00	5.00
150	5.68	5.66	5.68	5.66	5.68	5.70	5.75	5.74	5.74	5.74	5.80	5.80	5.52	5.53	5.52	5.48	5.45	5.45	5.44
155	6.08	6.05	6.09	6.07	6.09	6.09	6.13	6.13	6.14	6.16	6.21	6.19	5.96	5.97	5.97	5.94	5.92	5.91	5.89
160	6.45	6.44	6.46	6.48	6.48	6.47	6.51	6.51	6.54	6.58	6.59	6.58	6.37	6.40	6.40	6.40	6.37	6.35	6.34
165	6.80	6.78	6.79	6.83	6.86	6.88	6.90	6.89	6.91	6.92	6.93	6.94	6.76	6.79	6.79	6.79	6.77	6.78	6.77
170	7.10	7.07	7.07	7.10	7.15	7.16	7.16	7.15	7.17	7.19	7.22	7.22	7.07	7.13	7.12	7.12	7.09	7.09	7.10
175	7.31	7.30	7.31	7.35	7.36	7.34	7.33	7.35	7.38	7.42	7.44	7.39	7.31	7.34	7.37	7.36	7.35	7.32	7.32
180	7.43	7.44	7.46	7.48	7.47	7.43	7.45	7.46	7.50	7.51	7.48	7.45	7.44	7.44	7.46	7.48	7.47	7.43	7.44

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=1.0111]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL2-8A30CC (3000k)	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	1012	1012	1012	1012	1012														
5	1008	1008	1008	1008	1009														
10	990	991	992	993	992														
15	960	962	962	964	964														
20	918	920	921	923	923														
25	864	867	867	869	869														
30	799	802	802	805	805														
35	727	730	730	732	732														
40	651	653	653	655	655														
45	564	566	565	568	566														
50	465	467	465	467	466														
55	362	363	361	363	361														
60	262	264	262	263	260														
65	173	174	173	173	171														
70	97.6	98.9	97.7	98.2	96.1														
75	44.5	45.0	44.3	44.6	43.6														
80	21.1	21.3	21.1	21.2	21.0														
85	7.62	7.96	8.15	8.65	8.74														
90	0.51	0.50	0.52	0.51	0.53														
95	0.75	0.74	0.75	0.74	0.75														
100	1.05	1.05	1.05	1.05	1.05														
105	1.42	1.41	1.42	1.41	1.42														
110	1.81	1.81	1.81	1.79	1.81														
115	2.26	2.25	2.26	2.24	2.25														
120	2.72	2.72	2.71	2.70	2.72														
125	3.19	3.18	3.18	3.17	3.19														
130	3.65	3.64	3.63	3.63	3.64														
135	4.09	4.08	4.08	4.06	4.08														
140	4.52	4.51	4.50	4.50	4.52														
145	4.95	4.93	4.94	4.92	4.94														
150	5.40	5.38	5.37	5.37	5.37														
155	5.87	5.85	5.83	5.82	5.81														
160	6.33	6.30	6.30	6.26	6.25														
165	6.76	6.73	6.69	6.63	6.65														
170	7.12	7.09	7.04	6.99	6.98														
175	7.34	7.36	7.35	7.29	7.26														
180	7.45	7.49	7.52	7.48	7.45														

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=1.0111]
Remarks: