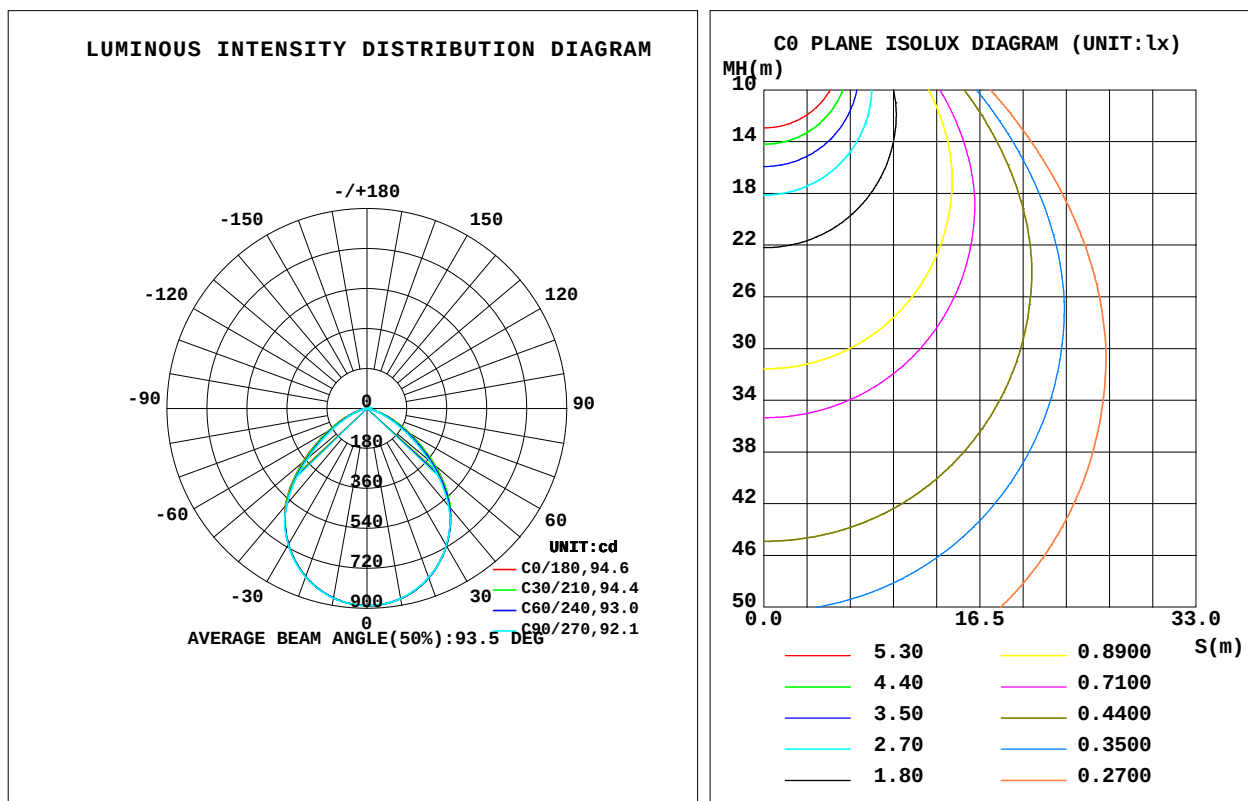


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.19 lm/W			
MODEL	ASD-CDL1-6N2040	I _{max} (cd)	887.5	S/MH(C0/180)	1.19
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	110-277	TOTAL FLUX(lm)	1887.0	h UP, DN(C0-180)	0.5, 50.0
NOMINAL FLUX(lm)	1886.98	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 49.1
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	99.1	CIBSE SHR MAX	1.35



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=1.0580]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

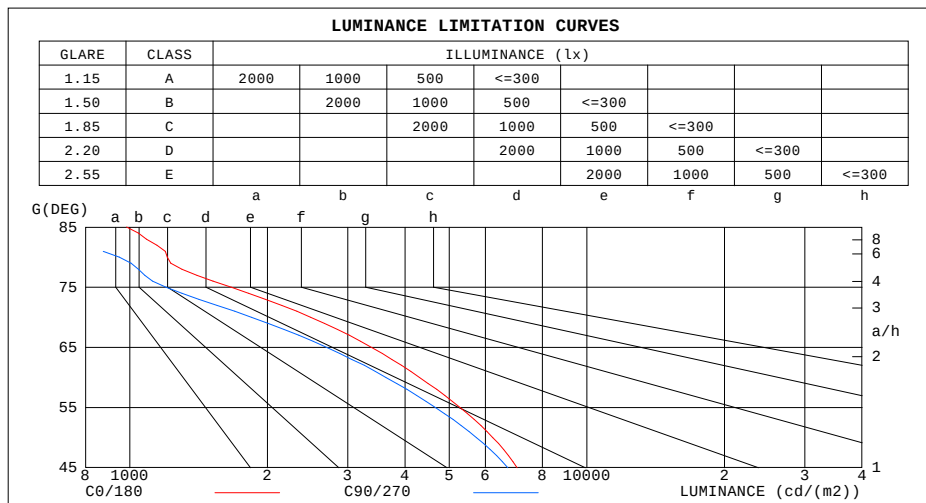
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	869.6	870.2	868.7	867.0	866.1	866.0	867.2	868.3	0- 10	83.78	83.78	4.44, 4.44
20	811.3	812.6	810.6	807.2	805.7	805.5	808.0	809.2	10- 20	237.7	321.4	17, 17
30	713.9	716.2	713.6	709.5	707.0	705.9	709.3	711.8	20- 30	351.7	673.2	35.7, 35.7
40	582.0	584.5	571.8	574.1	571.3	566.4	560.7	577.1	30- 40	403.9	1077	57.1, 57.1
50	400.7	397.2	368.8	380.8	378.7	365.9	347.6	381.4	40- 50	368.2	1445	76.6, 76.6
60	215.3	211.3	181.8	194.5	196.9	186.1	166.3	192.7	50- 60	250.0	1695	89.8, 89.8
70	85.17	79.24	63.12	71.78	77.09	69.43	59.44	71.08	60- 70	125.3	1821	96.5, 96.5
80	20.97	18.75	16.46	17.99	19.49	17.61	16.50	18.30	70- 80	41.34	1862	98.7, 98.7
90	0.5092	0.4822	0.4359	0.4975	0.4460	0.4408	0.3837	0.4147	80- 90	7.820	1870	99.1, 99.1
100	1.015	0.9542	0.9214	0.9899	0.9232	0.8962	0.8192	0.8490	90-100	0.7247	1870	99.1, 99.1
110	1.735	1.675	1.657	1.720	1.628	1.601	1.514	1.543	100-110	1.334	1872	99.2, 99.2
120	2.616	2.514	2.522	2.570	2.478	2.420	2.353	2.361	110-120	2.025	1874	99.3, 99.3
130	3.482	3.416	3.423	3.466	3.339	3.280	3.234	3.216	120-130	2.609	1876	99.4, 99.4
140	4.275	4.230	4.283	4.264	4.132	4.078	4.052	4.019	130-140	2.902	1879	99.6, 99.6
150	5.037	4.961	4.983	5.035	4.893	4.877	4.803	4.780	140-150	2.840	1882	99.7, 99.7
160	5.752	5.707	5.755	5.807	5.665	5.669	5.627	5.567	150-160	2.441	1885	99.9, 99.9
170	6.359	6.329	6.398	6.418	6.334	6.380	6.316	6.288	160-170	1.704	1886	100, 100
180	6.665	6.738	6.699	6.739	6.665	6.733	6.693	6.749	170-180	0.6211	1887	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=1.0580]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	984	500
80	1207	948
75	1666	1200
70	2489	1846
65	3380	2696
60	4305	3635
55	5282	4668
50	6231	5738
45	7039	6719

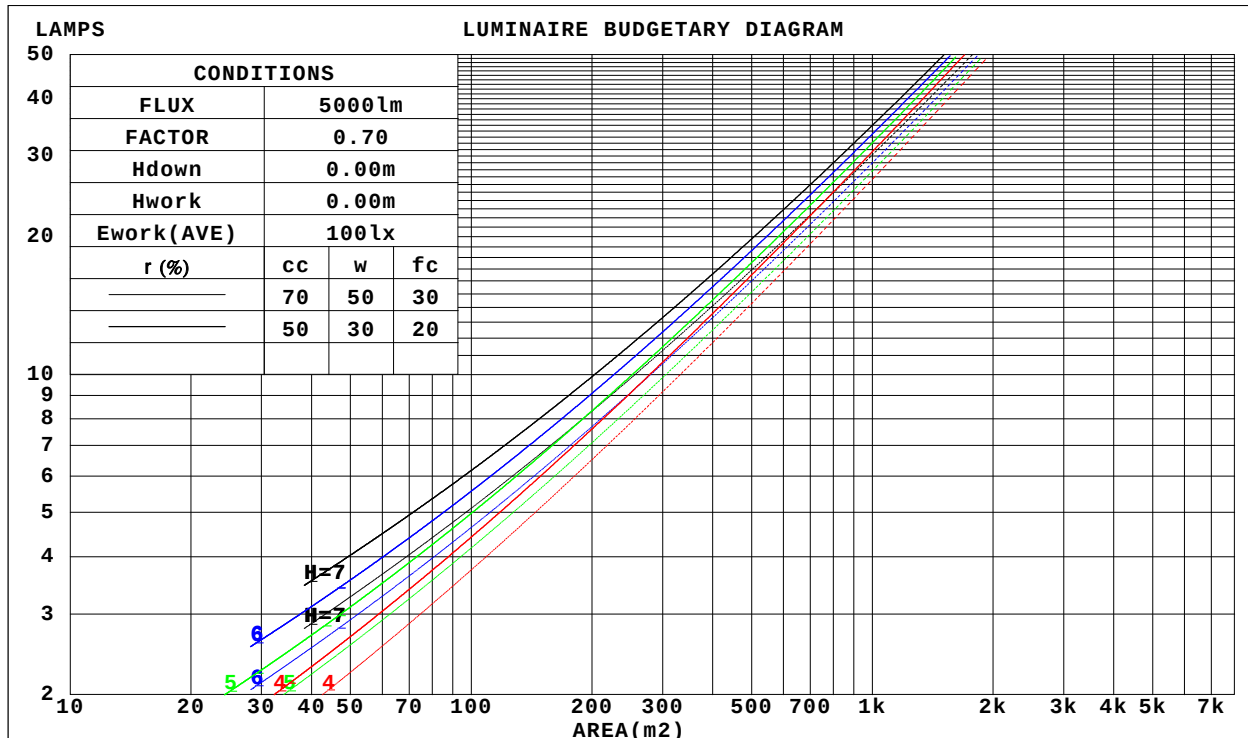
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

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=1.0580]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL1-6N2040	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	1.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.95	.90	.85	.93	.88	.84	.90	.85	.82	.87	.83	.80	.83	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.73	.69	.75	.71	.68	.66
4.0	.77	.69	.63	.75	.68	.63	.73	.67	.62	.70	.65	.61	.68	.64	.60	.58
5.0	.69	.61	.55	.68	.61	.55	.66	.59	.54	.64	.58	.54	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.57	.52	.47	.45
7.0	.57	.49	.44	.57	.49	.44	.55	.48	.43	.54	.47	.43	.52	.47	.43	.41
8.0	.53	.45	.39	.52	.45	.39	.51	.44	.39	.49	.43	.39	.48	.43	.38	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
10.0	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.42	.36	.32	.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=1.0580]
Remarks:

WEC AND CCEC

NAME: ASD-CDL1-6N2040	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	.250	.142	.045	.243	.138	.044	.229	.131	.042	.217	.125	.040	.205	.119	.038		
2.0	.243	.133	.041	.237	.130	.040	.225	.125	.039	.214	.120	.038	.204	.115	.036		
3.0	.231	.123	.037	.225	.121	.036	.215	.116	.035	.205	.112	.034	.196	.109	.034		
4.0	.217	.113	.033	.212	.111	.033	.203	.108	.032	.195	.105	.032	.187	.102	.031		
5.0	.204	.104	.030	.200	.103	.030	.192	.100	.029	.184	.097	.029	.177	.095	.028		
6.0	.192	.096	.028	.188	.095	.027	.181	.093	.027	.174	.091	.027	.168	.088	.026		
7.0	.181	.089	.025	.177	.088	.025	.171	.086	.025	.165	.085	.025	.159	.083	.024		
8.0	.171	.083	.023	.168	.082	.023	.162	.081	.023	.156	.079	.023	.151	.078	.023		
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.021	.148	.074	.021	.144	.073	.021		
10.0	.153	.073	.020	.150	.073	.020	.145	.071	.020	.141	.070	.020	.137	.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	.126	.107	.097	.087	.062	.056	.051	.020	.018	.016	
2.0	.173	.139	.111	.148	.120	.096	.101	.083	.067	.058	.048	.039	.019	.016	.013	
3.0	.164	.121	.087	.141	.104	.075	.097	.073	.053	.056	.042	.031	.018	.014	.010	
4.0	.156	.107	.070	.134	.093	.061	.092	.065	.043	.053	.038	.025	.017	.012	.008	
5.0	.149	.097	.058	.128	.084	.051	.088	.058	.036	.051	.034	.021	.016	.011	.007	
6.0	.142	.088	.049	.122	.076	.043	.084	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.136	.081	.043	.117	.070	.037	.081	.049	.026	.047	.029	.016	.015	.010	.005	
8.0	.130	.075	.038	.112	.065	.033	.077	.046	.023	.045	.027	.014	.015	.009	.005	
9.0	.124	.070	.034	.107	.061	.030	.074	.043	.021	.043	.025	.013	.014	.008	.004	
10.0	.119	.066	.031	.103	.057	.027	.071	.040	.019	.042	.024	.011	.013	.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=1.0580]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL1-6N2040					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	17.5	16.4	17.7	17.9	15.6	16.9	15.9	17.2	17.4			
	3H	16.6	17.9	16.9	18.1	18.3	15.9	17.1	16.2	17.4	17.6			
	4H	16.7	17.9	17.0	18.1	18.4	15.9	17.1	16.2	17.3	17.6			
	6H	16.7	17.8	17.0	18.0	18.3	15.9	17.0	16.2	17.3	17.5			
	8H	16.7	17.7	17.0	18.0	18.3	15.9	16.9	16.2	17.2	17.5			
	12H	16.6	17.6	17.0	17.9	18.3	15.8	16.8	16.2	17.1	17.4			
	4H	2H	16.3	17.5	16.6	17.7	18.0	15.9	17.0	16.2	17.3	17.6		
	3H	16.9	17.9	17.3	18.2	18.6	16.3	17.3	16.6	17.6	17.9			
	4H	17.1	18.0	17.4	18.3	18.6	16.3	17.2	16.7	17.6	17.9			
	6H	17.1	17.9	17.5	18.2	18.6	16.3	17.1	16.8	17.5	17.9			
	8H	17.1	17.8	17.5	18.2	18.6	16.3	17.1	16.8	17.4	17.8			
	12H	17.1	17.8	17.5	18.2	18.6	16.3	17.0	16.7	17.4	17.8			
8H	4H	17.0	17.8	17.4	18.1	18.5	16.3	17.1	16.7	17.4	17.8			
	6H	17.1	17.7	17.5	18.1	18.6	16.4	17.0	16.8	17.4	17.8			
	8H	17.1	17.6	17.6	18.1	18.6	16.4	16.9	16.8	17.3	17.8			
	12H	17.1	17.6	17.6	18.0	18.5	16.4	16.8	16.8	17.3	17.8			
12H	4H	17.0	17.7	17.4	18.0	18.5	16.3	17.0	16.7	17.4	17.8			
	6H	17.1	17.6	17.5	18.0	18.5	16.4	16.9	16.8	17.3	17.8			
	8H	17.1	17.5	17.6	18.0	18.5	16.4	16.8	16.9	17.3	17.8			
Variations with the observer position at spacings:														
S = 1.0H		+ 0.6 / - 0.7					+ 0.7 / - 0.9							
1.5H		+ 0.3 / - 0.4					+ 0.3 / - 0.4							
2.0H		+ 1.1 / - 1.2					+ 1.3 / - 1.5							

CIE Pub.117, 1887 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
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=1.0580]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

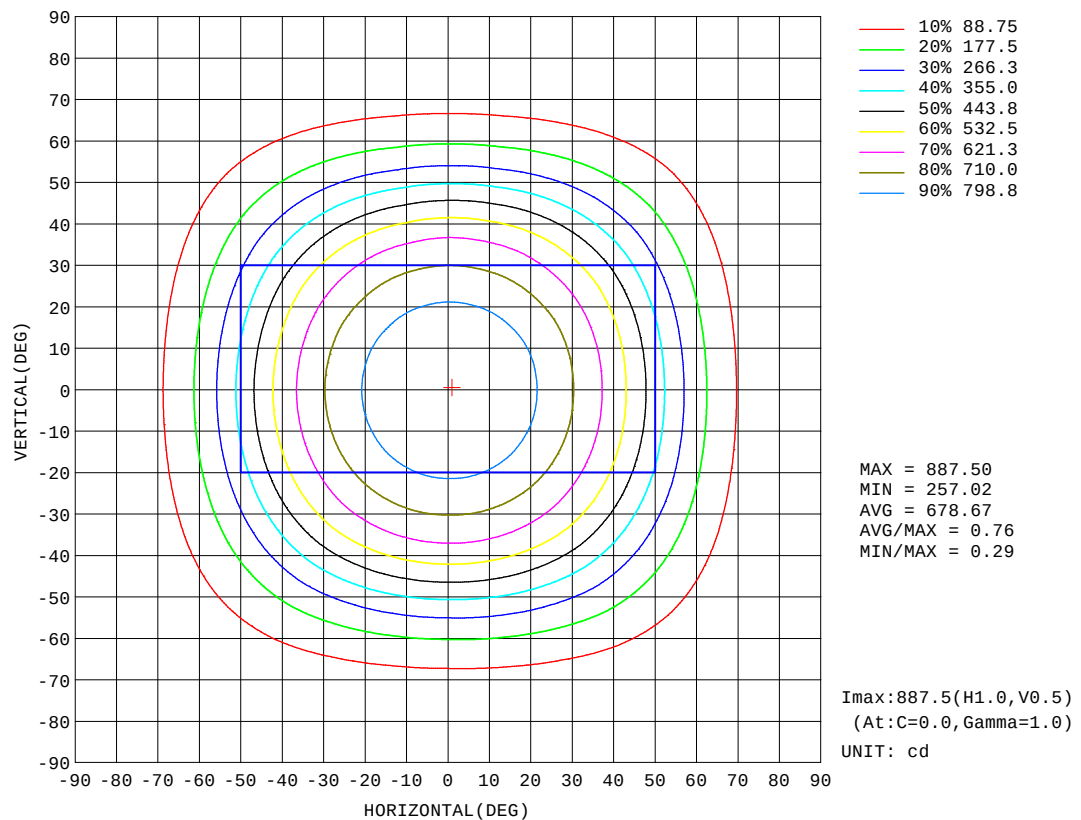
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	48	64	54	48	63	53	47	42
0.80	75	65	58	74	64	58	72	63	58	51
1.00	83	74	67	82	73	67	80	74	66	60
1.25	90	81	75	88	80	75	86	79	74	67
1.50	94	86	80	92	85	80	90	83	79	72
2.00	100	93	88	98	92	87	95	90	85	78
2.50	103	97	92	101	95	91	97	93	89	81
3.00	106	100	96	104	99	95	100	96	92	84
4.00	109	104	101	107	103	99	102	99	96	88
5.00	111	107	104	108	105	102	104	101	99	90
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=1.0580]
Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

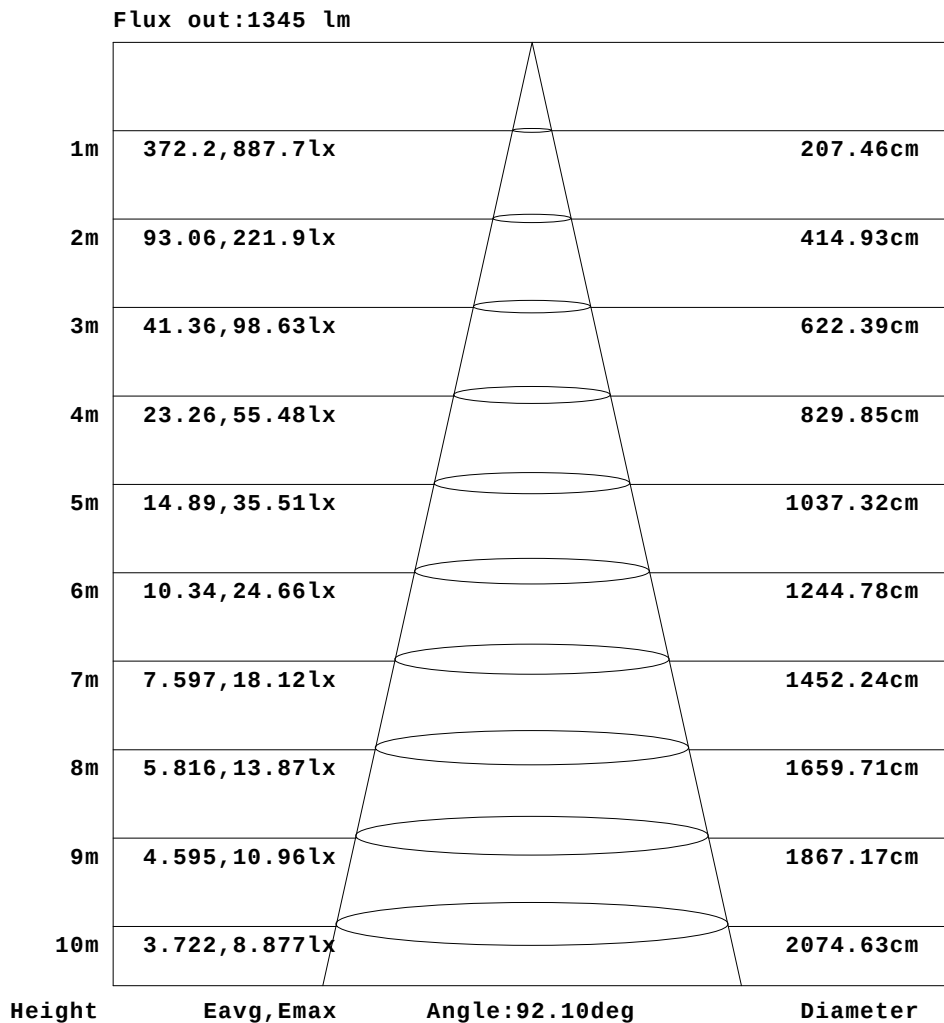


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

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=1.0580]
Remarks:

AAI Figure

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



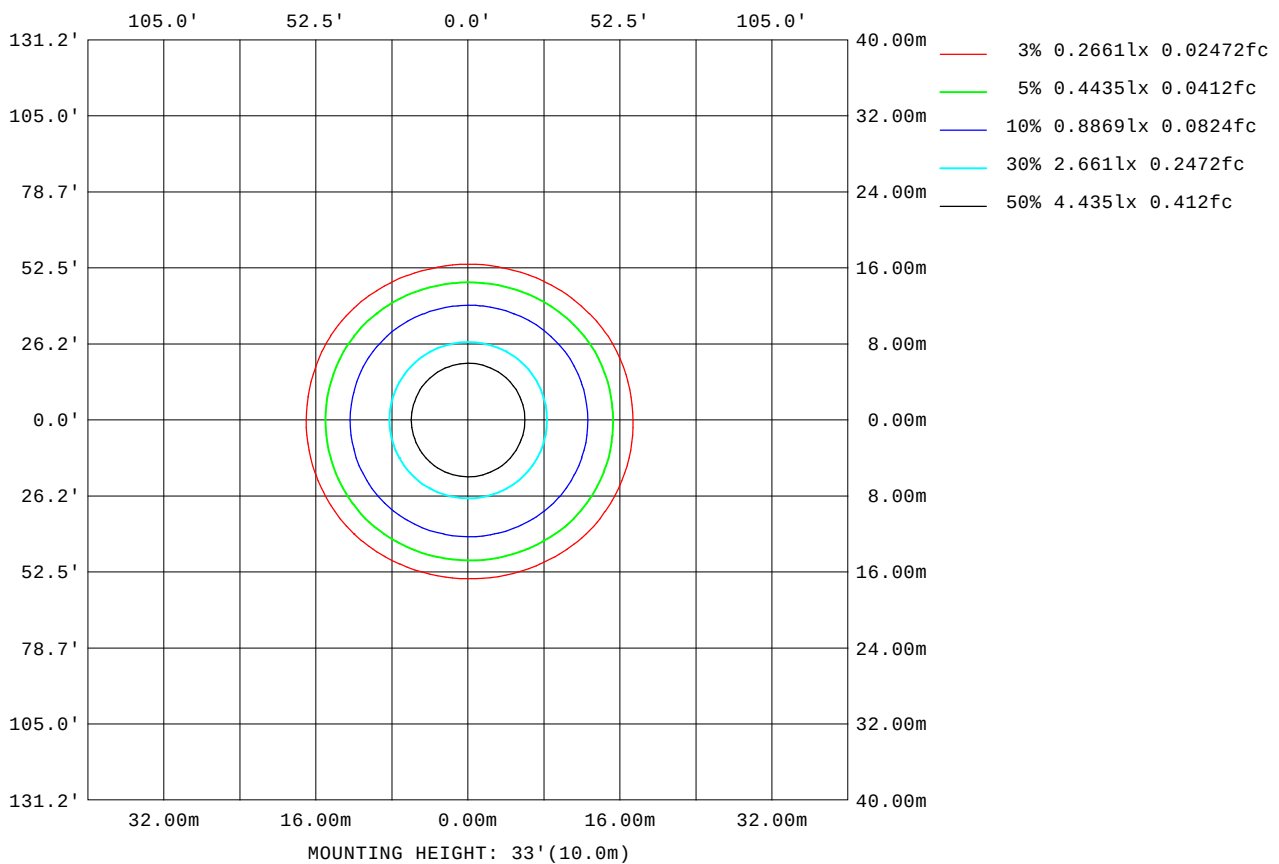
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0580]
 Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL1-6N2040	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=1.0580]
Remarks:

LED Avg.L Report

NAME: ASD-CDL1-6N2040	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

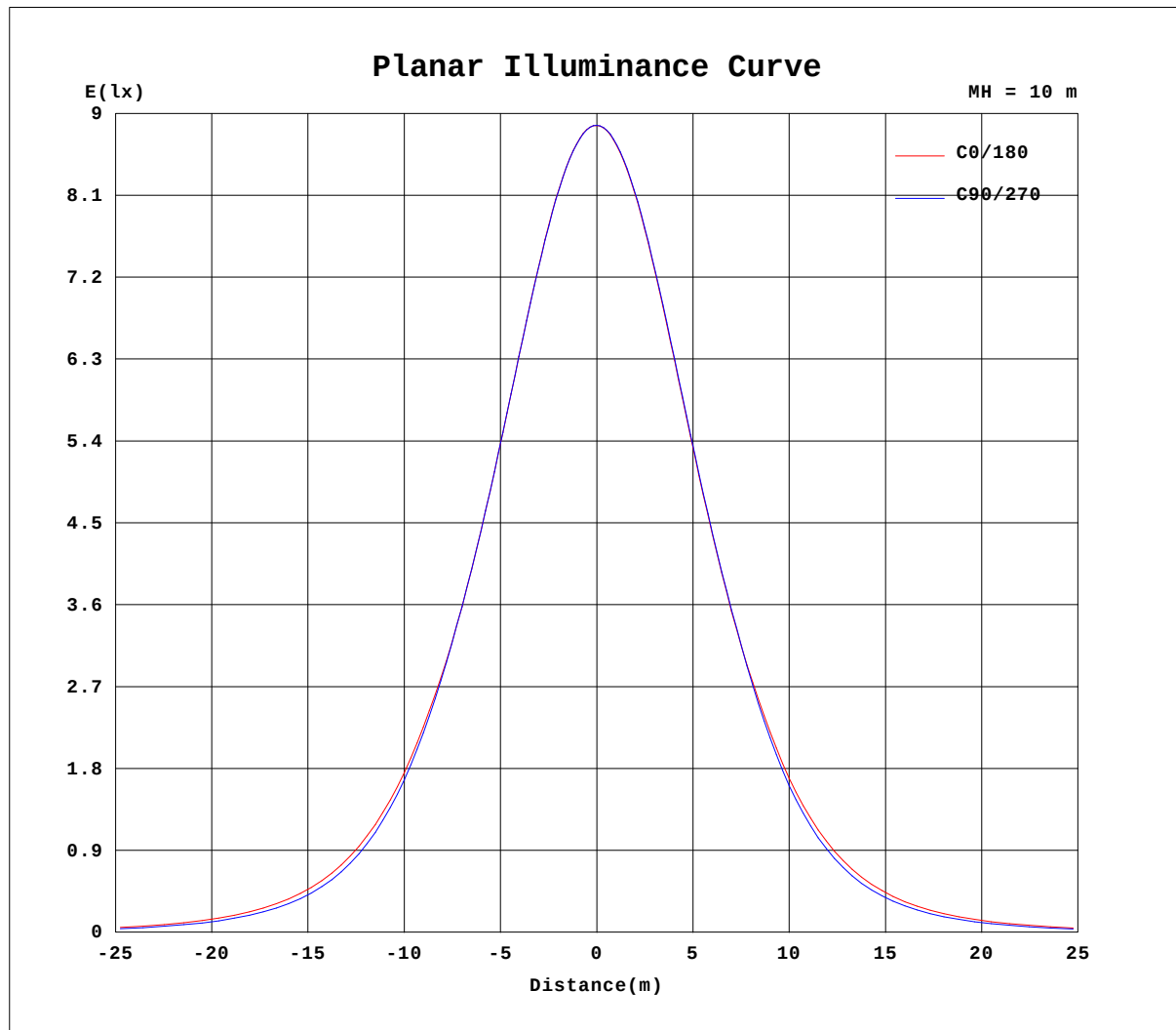
AvgL	cd/m2
L_0~180(65)av	3222
L_0~180(75)av	1600
L_0~180(85)av	962
L_90~270(65)av	2587
L_90~270(75)av	1188
L_90~270(85)av	506
L_45(65)av	2994
L_45(75)av	1397
L_45(85)av	690

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
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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=1.0580]
 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=1.0580]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-6N2040	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	887	887	887	887	887	887	887	887	887	887	887	887	887	887	887	887	887	887	887
5	883	883	884	884	883	883	883	883	882	882	882	882	882	881	881	882	882	882	882
10	870	870	870	870	870	869	869	868	867	867	866	866	866	866	866	866	867	867	867
15	846	846	846	847	846	846	845	844	843	842	840	841	841	840	841	841	841	841	842
20	811	812	812	813	812	812	811	810	808	807	806	805	806	805	806	805	807	807	808
25	767	768	768	769	768	768	767	766	764	763	761	760	761	760	761	760	762	762	763
30	714	715	715	716	715	715	714	713	711	709	707	707	707	706	707	706	707	707	709
35	652	653	653	654	653	653	652	650	648	646	643	642	643	642	642	641	643	643	646
40	582	584	584	585	579	575	572	571	571	574	572	571	571	569	569	566	562	557	561
45	498	500	499	497	488	480	475	475	478	483	482	481	480	477	476	469	462	454	457
50	401	403	401	397	385	375	369	370	374	381	380	380	379	375	374	366	356	346	348
55	303	307	304	299	285	275	268	268	273	281	281	281	281	278	277	269	258	247	247
60	215	219	217	211	197	188	182	182	187	195	196	197	197	195	194	186	176	166	166
65	143	145	144	137	126	118	114	114	118	125	128	129	129	128	127	120	112	105	105
70	85.2	86.5	84.6	79.2	70.8	65.9	63.1	63.7	66.5	71.8	74.9	76.5	77.1	76.0	74.8	69.4	63.9	59.8	59.4
75	43.1	43.5	42.0	38.5	34.1	32.0	31.0	31.3	32.6	35.7	37.9	39.2	39.7	38.9	38.0	34.7	32.0	30.3	30.5
80	21.0	20.7	19.7	18.7	17.6	16.9	16.5	16.8	17.3	18.0	18.4	19.1	19.5	18.9	18.4	17.6	17.2	16.5	16.5
85	8.58	8.20	7.07	6.13	5.24	4.71	4.36	4.70	5.22	6.04	6.84	7.79	8.19	7.70	6.99	5.92	5.36	4.53	4.46
90	0.51	0.53	0.52	0.48	0.46	0.44	0.44	0.45	0.48	0.50	0.55	0.56	0.45	0.48	0.47	0.44	0.41	0.39	0.38
95	0.73	0.71	0.71	0.68	0.67	0.64	0.64	0.65	0.68	0.71	0.74	0.76	0.65	0.66	0.64	0.63	0.60	0.59	0.57
100	1.02	1.00	0.99	0.95	0.94	0.91	0.92	0.92	0.96	0.99	1.05	1.05	0.92	0.93	0.91	0.90	0.87	0.84	0.82
105	1.35	1.33	1.33	1.30	1.28	1.25	1.24	1.26	1.30	1.34	1.39	1.40	1.26	1.27	1.24	1.23	1.19	1.17	1.14
110	1.74	1.71	1.70	1.67	1.67	1.64	1.66	1.65	1.69	1.72	1.76	1.78	1.63	1.64	1.62	1.60	1.57	1.54	1.51
115	2.18	2.15	2.13	2.08	2.07	2.05	2.07	2.07	2.11	2.13	2.18	2.22	2.04	2.04	2.01	1.99	1.95	1.94	1.92
120	2.62	2.59	2.56	2.51	2.52	2.49	2.52	2.52	2.54	2.57	2.63	2.67	2.48	2.46	2.43	2.42	2.39	2.37	2.35
125	3.06	3.03	3.00	2.98	2.98	2.96	2.98	2.97	3.01	3.03	3.08	3.11	2.90	2.89	2.87	2.85	2.83	2.81	2.80
130	3.48	3.44	3.42	3.42	3.42	3.40	3.42	3.41	3.45	3.47	3.50	3.53	3.34	3.32	3.28	3.28	3.25	3.24	3.23
135	3.89	3.85	3.83	3.85	3.83	3.82	3.86	3.85	3.87	3.89	3.90	3.94	3.74	3.74	3.70	3.69	3.66	3.65	3.64
140	4.27	4.23	4.24	4.23	4.22	4.25	4.28	4.27	4.26	4.26	4.30	4.34	4.13	4.12	4.12	4.08	4.05	4.06	4.05
145	4.67	4.64	4.62	4.59	4.58	4.59	4.64	4.62	4.61	4.65	4.70	4.73	4.51	4.52	4.50	4.46	4.42	4.43	4.43
150	5.04	4.99	4.97	4.96	4.95	4.94	4.98	4.98	4.99	5.04	5.07	5.11	4.89	4.89	4.88	4.88	4.81	4.81	4.80
155	5.39	5.34	5.33	5.32	5.33	5.34	5.37	5.38	5.40	5.41	5.45	5.47	5.28	5.28	5.27	5.27	5.23	5.24	5.21
160	5.75	5.70	5.70	5.71	5.74	5.75	5.75	5.77	5.77	5.81	5.83	5.84	5.67	5.69	5.68	5.67	5.64	5.65	5.63
165	6.08	6.06	6.03	6.04	6.09	6.10	6.12	6.13	6.14	6.15	6.17	6.18	6.03	6.07	6.06	6.05	6.03	6.03	6.01
170	6.36	6.32	6.31	6.33	6.37	6.39	6.40	6.38	6.39	6.42	6.46	6.46	6.33	6.37	6.39	6.38	6.34	6.33	6.32
175	6.56	6.54	6.55	6.58	6.60	6.59	6.58	6.58	6.61	6.65	6.66	6.63	6.55	6.58	6.62	6.63	6.60	6.57	6.56
180	6.66	6.67	6.70	6.74	6.73	6.70	6.70	6.69	6.71	6.74	6.72	6.69	6.66	6.67	6.71	6.73	6.73	6.71	6.69

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=1.0580]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-6N2040	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	887	887	887	887	887														
5	882	883	883	883	883														
10	867	868	868	869	870														
15	842	844	844	845	845														
20	808	809	809	810	811														
25	763	765	765	767	767														
30	709	711	712	714	714														
35	646	649	649	651	652														
40	564	571	577	581	582														
45	462	474	485	495	497														
50	352	367	381	394	399														
55	251	265	280	294	300														
60	168	179	193	206	212														
65	106	114	124	135	140														
70	60.2	64.7	71.1	79.0	83.1														
75	30.7	32.8	35.8	39.9	42.0														
80	16.6	17.5	18.3	19.6	20.4														
85	4.50	5.27	5.96	7.17	8.09														
90	0.39	0.39	0.41	0.45	0.44														
95	0.57	0.58	0.60	0.60	0.62														
100	0.82	0.83	0.85	0.86	0.87														
105	1.15	1.15	1.18	1.18	1.20														
110	1.52	1.52	1.54	1.55	1.57														
115	1.92	1.91	1.93	1.94	1.96														
120	2.35	2.35	2.36	2.37	2.38														
125	2.79	2.78	2.79	2.80	2.80														
130	3.21	3.20	3.22	3.22	3.21														
135	3.63	3.62	3.64	3.62	3.62														
140	4.03	4.01	4.02	4.01	4.01														
145	4.41	4.38	4.39	4.39	4.40														
150	4.77	4.77	4.78	4.74	4.75														
155	5.19	5.19	5.16	5.14	5.14														
160	5.63	5.59	5.57	5.53	5.56														
165	6.01	5.99	5.94	5.93	5.97														
170	6.32	6.32	6.29	6.27	6.27														
175	6.57	6.58	6.58	6.54	6.53														
180	6.70	6.70	6.75	6.72	6.69														

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=1.0580]
Remarks: