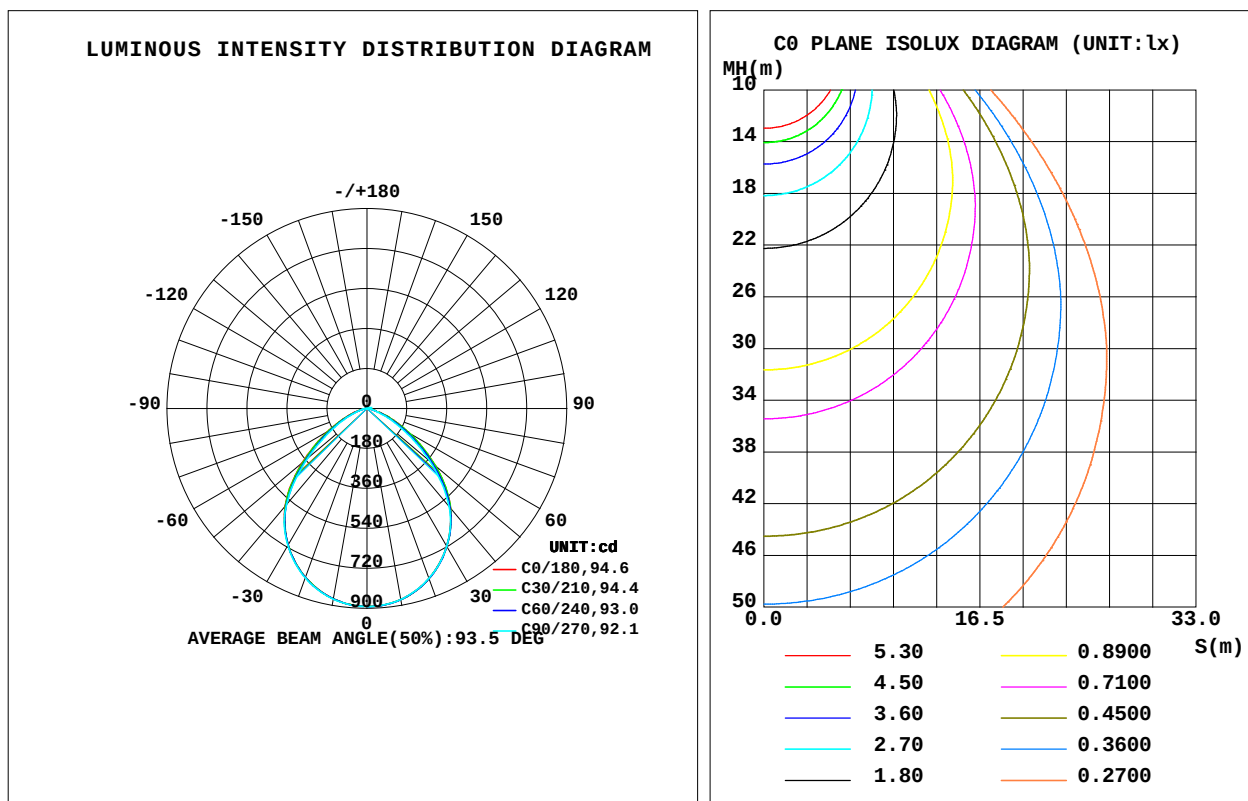


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.70 lm/W			
MODEL	ASD-CDL1-6N2050	I _{max} (cd)	891.8	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)	1896.3	h UP, DN(C0-180)	0.5, 50.0
NOMINAL FLUX(lm)	1896.32	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=1.0604]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

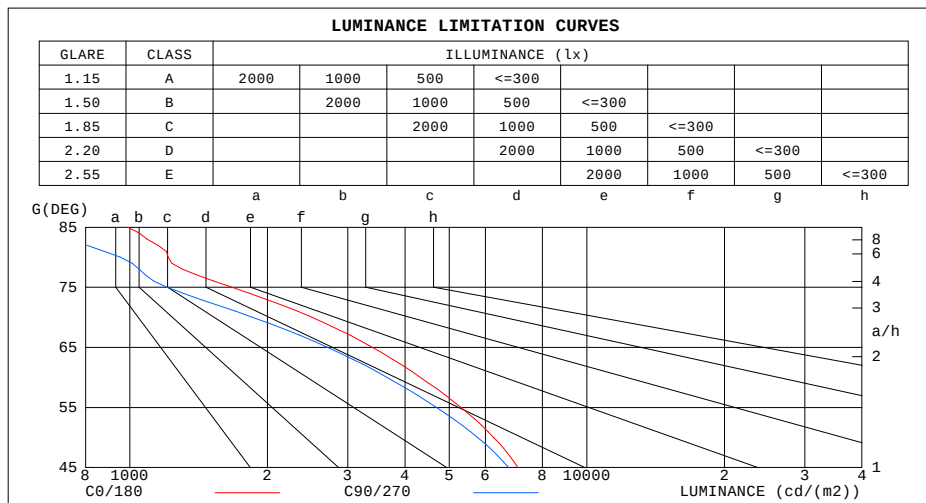
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	873.6	874.4	873.0	871.3	870.3	870.3	871.7	872.7	0- 10	84.19	84.19	4.44, 4.44
20	814.9	816.4	814.7	811.2	809.4	809.5	812.0	813.4	10- 20	238.8	323.0	17, 17
30	717.3	719.8	717.2	713.0	710.4	709.4	712.7	715.6	20- 30	353.5	676.5	35.7, 35.7
40	584.7	587.3	574.7	576.7	573.9	569.1	563.4	580.2	30- 40	405.9	1082	57.1, 57.1
50	402.5	399.2	370.9	382.7	380.5	367.8	349.2	383.1	40- 50	370.1	1452	76.6, 76.6
60	216.4	212.4	182.8	195.5	198.0	187.1	167.3	193.7	50- 60	251.2	1704	89.8, 89.8
70	85.59	79.70	63.48	72.15	77.44	69.78	59.75	71.43	60- 70	126.0	1830	96.5, 96.5
80	21.07	18.84	16.55	18.07	19.58	17.67	16.56	18.39	70- 80	41.55	1871	98.7, 98.7
90	0.5116	0.4844	0.4431	0.4946	0.4481	0.4377	0.3803	0.4166	80- 90	7.858	1879	99.1, 99.1
100	1.014	0.9585	0.9207	0.9996	0.9274	0.9054	0.8232	0.8529	90-100	0.7284	1880	99.1, 99.1
110	1.753	1.682	1.655	1.728	1.646	1.613	1.521	1.550	100-110	1.341	1881	99.2, 99.2
120	2.633	2.536	2.534	2.587	2.484	2.426	2.375	2.362	110-120	2.035	1883	99.3, 99.3
130	3.492	3.432	3.440	3.477	3.359	3.290	3.260	3.236	120-130	2.622	1886	99.4, 99.4
140	4.299	4.239	4.299	4.278	4.155	4.102	4.067	4.042	130-140	2.917	1889	99.6, 99.6
150	5.055	4.989	5.012	5.058	4.915	4.889	4.827	4.797	140-150	2.853	1892	99.7, 99.7
160	5.783	5.738	5.783	5.829	5.691	5.695	5.660	5.593	150-160	2.453	1894	99.9, 99.9
170	6.382	6.348	6.424	6.458	6.362	6.409	6.352	6.327	160-170	1.712	1896	100, 100
180	6.700	6.774	6.726	6.775	6.700	6.764	6.726	6.780	170-180	0.6241	1896	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=1.0604]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	989	503
80	1213	953
75	1673	1207
70	2502	1856
65	3398	2710
60	4326	3654
55	5308	4693
50	6261	5769
45	7071	6752

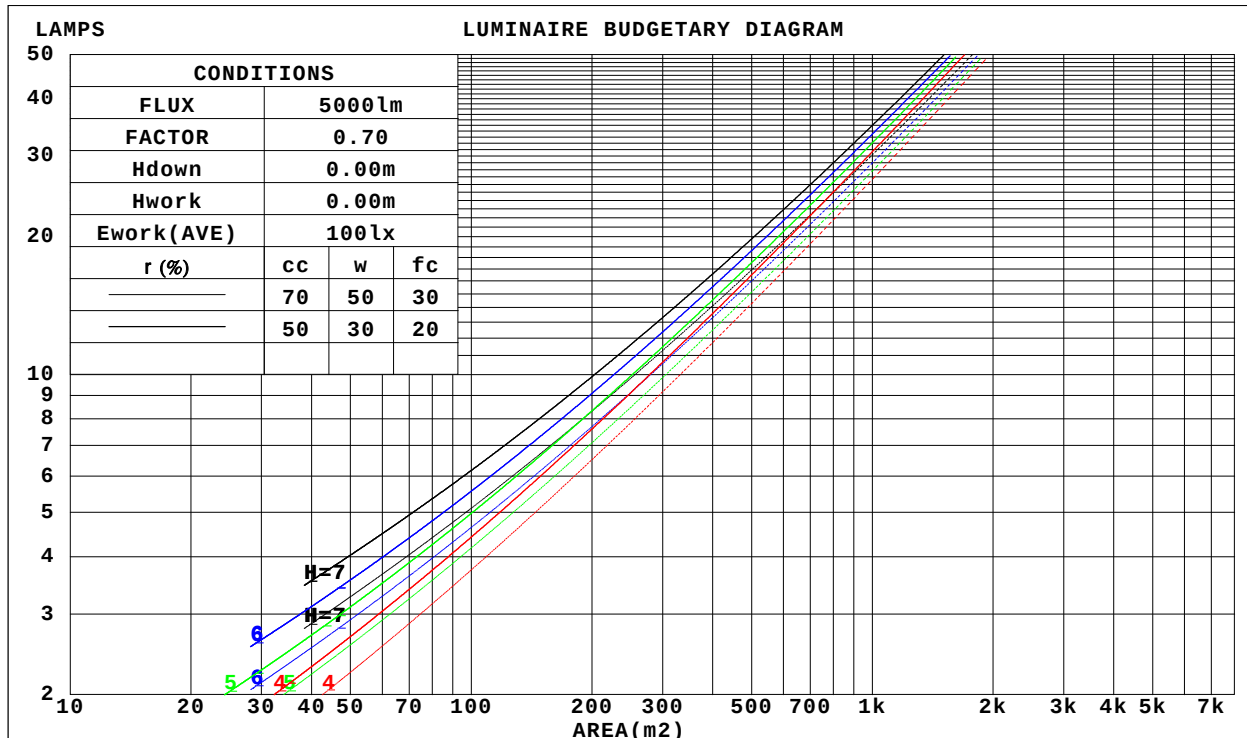
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: WANG
 Test Date: 2019-12-03

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=1.0604]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL1-6N2050	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=1.0604]
Remarks:

WEC AND CCEC

NAME: ASD-CDL1-6N2050	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=1.0604]
Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL1-6N2050					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	18.5	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	17.6	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, 1896 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=1.0604]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

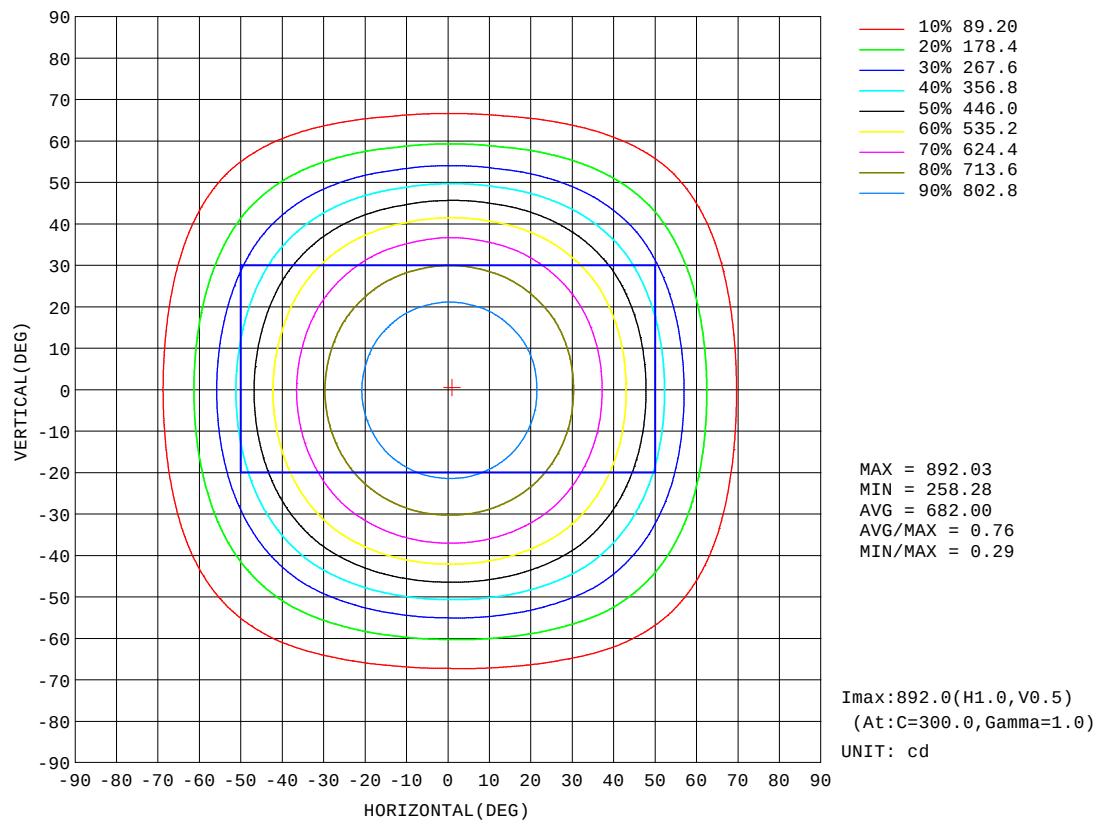
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	64	54	48	64	54	48	63	53	47	42
0.80	75	65	58	74	64	58	72	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=1.0604]
Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

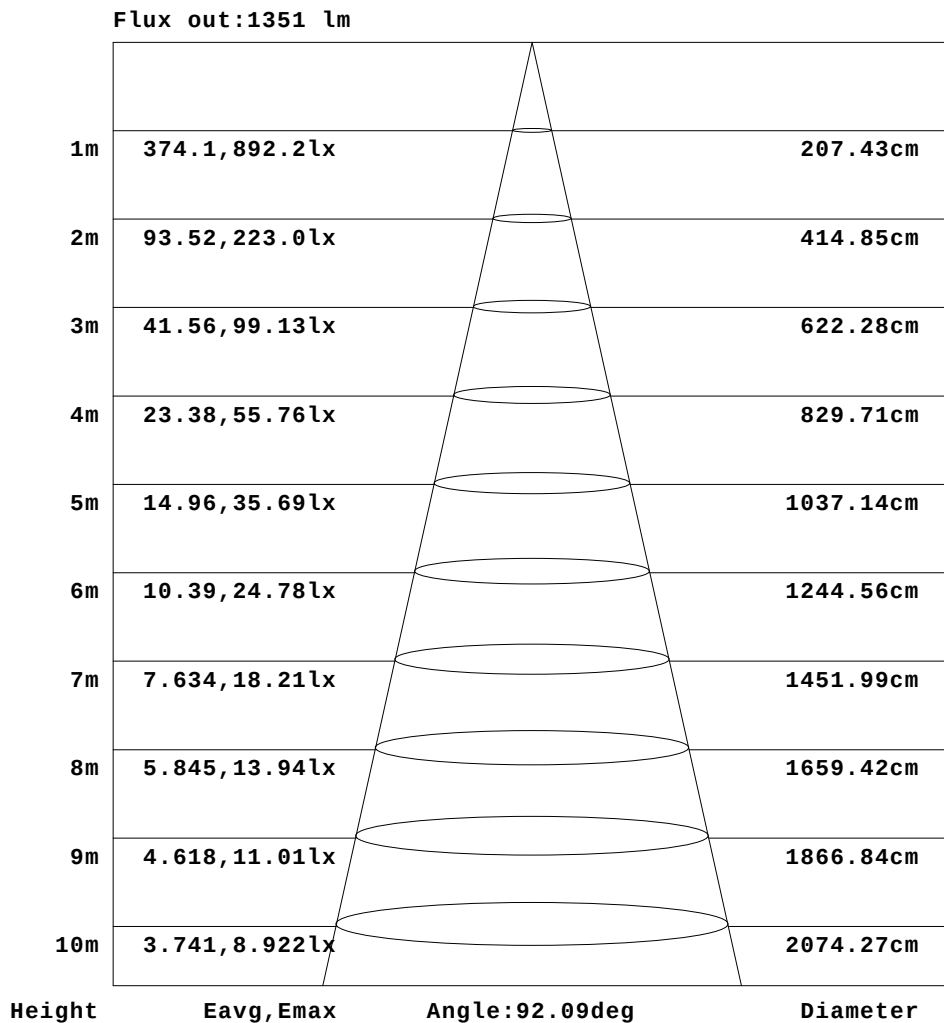


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

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=1.0604]
Remarks:

AAI Figure

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



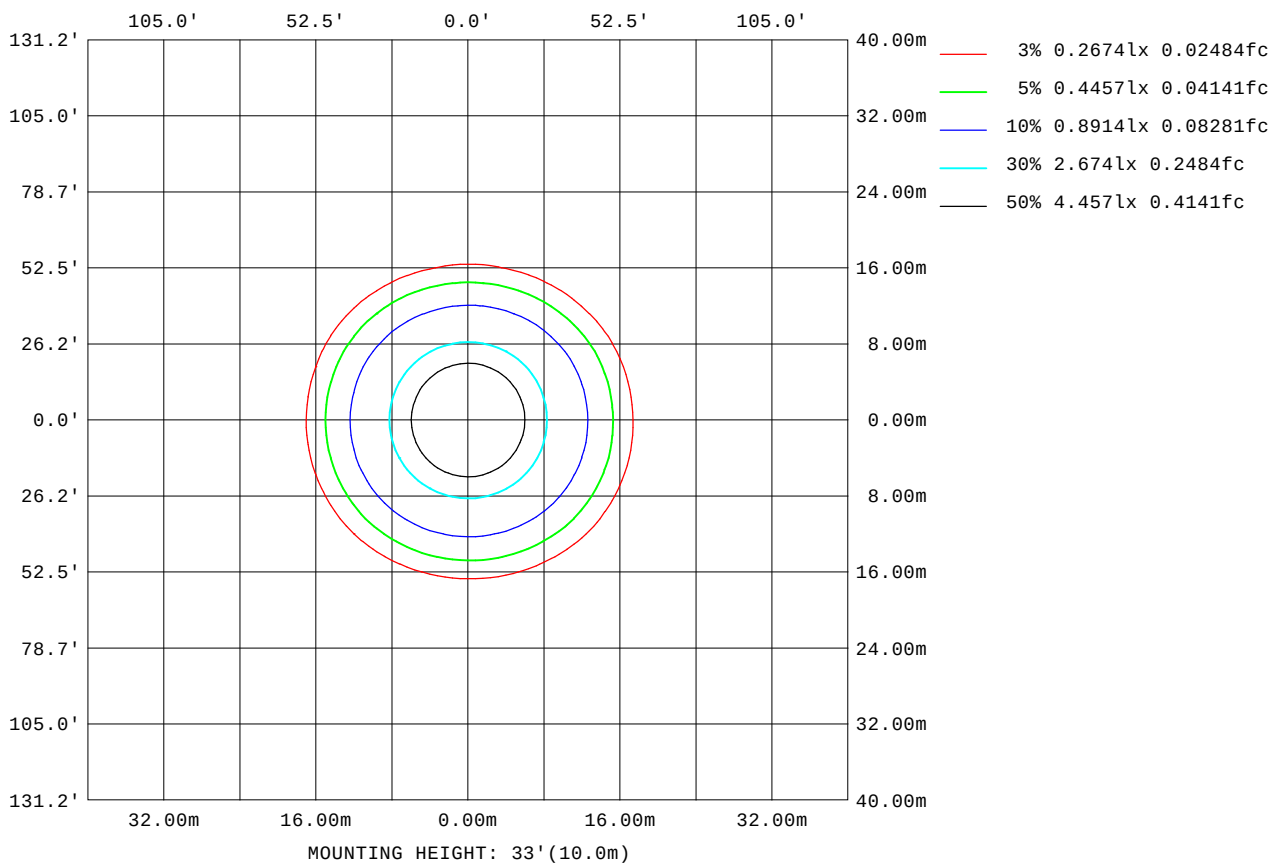
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.110m [K=1.0604]
 Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL1-6N2050	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=1.0604]
Remarks:

LED Avg.L Report

NAME: ASD-CDL1-6N2050	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

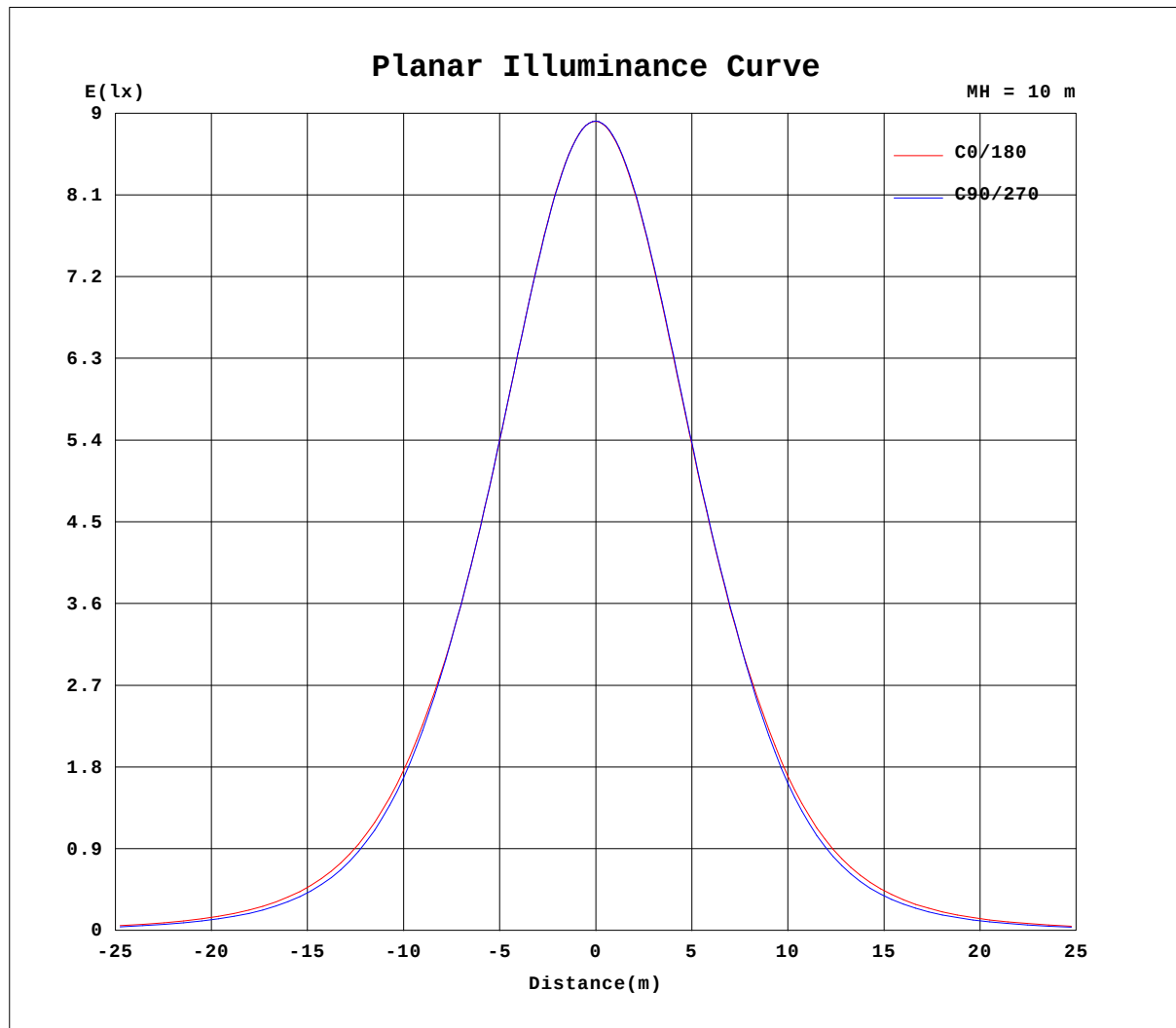
AvgL	cd/m2
L_0~180(65)av	3238
L_0~180(75)av	1607
L_0~180(85)av	966
L_90~270(65)av	2601
L_90~270(75)av	1195
L_90~270(85)av	510
L_45(65)av	3010
L_45(75)av	1404
L_45(85)av	692

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=1.0604]
 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=1.0604]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-6N2050	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	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892
5	888	888	888	888	888	887	887	887	887	886	886	886	886	886	886	886	886	886	887
10	874	874	874	874	874	874	873	873	872	871	870	870	870	870	870	870	871	871	872
15	850	851	850	851	850	850	849	848	847	846	845	845	845	844	845	845	846	845	846
20	815	816	816	816	816	816	815	814	812	811	810	809	809	809	810	809	810	811	812
25	771	772	772	773	773	772	771	770	768	767	765	764	765	764	765	764	766	765	767
30	717	719	719	720	719	719	717	716	714	713	711	710	710	709	710	709	711	710	713
35	655	656	656	657	657	656	655	653	651	649	646	646	646	645	645	644	646	646	649
40	585	587	586	587	582	578	575	574	574	577	574	574	574	572	572	569	565	560	563
45	500	502	502	499	490	483	478	478	481	485	485	483	482	479	478	472	465	456	459
50	403	405	403	399	387	377	371	372	376	383	382	381	380	377	375	368	358	348	349
55	305	308	306	301	286	276	269	270	275	282	283	283	282	280	279	270	259	248	249
60	216	220	218	212	198	189	183	183	188	196	197	198	198	196	195	187	177	167	167
65	144	146	144	138	127	119	115	115	119	125	128	129	130	129	128	121	112	106	105
70	85.6	86.9	85.1	79.7	71.2	66.3	63.5	64.0	66.9	72.2	75.3	76.8	77.4	76.4	75.1	69.8	64.2	60.1	59.7
75	43.3	43.7	42.2	38.7	34.2	32.1	31.2	31.4	32.8	35.8	38.1	39.4	39.9	39.1	38.2	34.9	32.2	30.4	30.6
80	21.1	20.8	19.8	18.8	17.7	17.0	16.5	16.8	17.4	18.1	18.5	19.2	19.6	19.0	18.5	17.7	17.3	16.6	16.6
85	8.62	8.25	7.11	6.15	5.26	4.73	4.38	4.72	5.25	6.06	6.87	7.82	8.22	7.73	7.02	5.94	5.38	4.55	4.50
90	0.51	0.53	0.53	0.48	0.46	0.44	0.44	0.45	0.47	0.49	0.56	0.56	0.56	0.45	0.48	0.47	0.44	0.42	0.38
95	0.73	0.72	0.71	0.68	0.67	0.64	0.64	0.65	0.68	0.71	0.74	0.77	0.66	0.66	0.65	0.63	0.60	0.59	0.57
100	1.01	1.01	1.00	0.96	0.95	0.92	0.92	0.93	0.97	1.00	1.04	1.07	0.93	0.94	0.92	0.91	0.87	0.85	0.82
105	1.36	1.34	1.34	1.30	1.28	1.25	1.26	1.27	1.31	1.34	1.39	1.42	1.26	1.27	1.25	1.23	1.19	1.18	1.15
110	1.75	1.73	1.72	1.68	1.67	1.65	1.65	1.67	1.70	1.73	1.78	1.80	1.65	1.66	1.62	1.61	1.57	1.56	1.52
115	2.19	2.16	2.13	2.09	2.08	2.06	2.07	2.08	2.12	2.15	2.20	2.23	2.05	2.05	2.03	2.00	1.96	1.96	1.93
120	2.63	2.60	2.58	2.54	2.52	2.50	2.53	2.53	2.57	2.59	2.65	2.67	2.48	2.48	2.45	2.43	2.39	2.39	2.37
125	3.08	3.05	3.02	2.99	3.00	2.96	3.00	2.99	3.02	3.04	3.09	3.12	2.92	2.91	2.89	2.86	2.85	2.82	2.81
130	3.49	3.46	3.44	3.43	3.43	3.41	3.44	3.43	3.47	3.48	3.51	3.55	3.36	3.34	3.32	3.29	3.27	3.25	3.26
135	3.91	3.86	3.85	3.86	3.84	3.84	3.87	3.86	3.90	3.89	3.92	3.96	3.76	3.74	3.72	3.72	3.68	3.67	3.66
140	4.30	4.25	4.27	4.24	4.25	4.28	4.30	4.28	4.27	4.28	4.33	4.36	4.16	4.14	4.12	4.10	4.07	4.08	4.07
145	4.70	4.67	4.64	4.60	4.60	4.61	4.65	4.64	4.64	4.66	4.72	4.76	4.54	4.54	4.51	4.48	4.44	4.45	4.46
150	5.05	5.00	4.99	4.99	4.97	4.98	5.01	5.00	5.01	5.06	5.10	5.13	4.92	4.91	4.88	4.89	4.83	4.83	4.83
155	5.41	5.36	5.36	5.35	5.36	5.36	5.39	5.40	5.43	5.43	5.48	5.49	5.30	5.31	5.29	5.29	5.25	5.26	5.24
160	5.78	5.73	5.72	5.74	5.77	5.78	5.78	5.79	5.82	5.83	5.86	5.86	5.69	5.71	5.70	5.70	5.68	5.68	5.66
165	6.11	6.08	6.05	6.07	6.13	6.14	6.14	6.16	6.17	6.18	6.20	6.22	6.06	6.11	6.09	6.08	6.06	6.06	6.04
170	6.38	6.34	6.34	6.35	6.40	6.41	6.42	6.42	6.43	6.46	6.49	6.49	6.36	6.40	6.42	6.41	6.37	6.36	6.35
175	6.58	6.57	6.59	6.61	6.63	6.62	6.61	6.62	6.65	6.69	6.71	6.66	6.59	6.60	6.65	6.67	6.63	6.61	6.59
180	6.70	6.71	6.73	6.77	6.76	6.73	6.73	6.73	6.74	6.77	6.75	6.72	6.70	6.70	6.73	6.76	6.76	6.73	6.73

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=1.0604]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-6N2050	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	892	892	892	892	892														
5	887	887	887	888	887														
10	872	873	873	873	874														
15	847	848	848	849	849														
20	812	813	813	815	815														
25	767	769	769	771	771														
30	713	715	716	717	717														
35	649	652	652	654	655														
40	567	574	580	584	584														
45	464	477	488	498	499														
50	354	369	383	396	400														
55	252	266	281	296	301														
60	169	180	194	207	213														
65	107	114	124	135	141														
70	60.5	65.1	71.4	79.4	83.5														
75	30.8	32.9	35.9	40.1	42.2														
80	16.7	17.6	18.4	19.6	20.5														
85	4.52	5.29	5.98	7.20	8.12														
90	0.39	0.40	0.42	0.44	0.44														
95	0.57	0.58	0.60	0.60	0.61														
100	0.83	0.84	0.85	0.86	0.87														
105	1.15	1.15	1.18	1.19	1.20														
110	1.53	1.53	1.55	1.55	1.58														
115	1.93	1.92	1.93	1.94	1.97														
120	2.35	2.35	2.36	2.37	2.40														
125	2.79	2.79	2.80	2.80	2.82														
130	3.23	3.23	3.24	3.23	3.23														
135	3.64	3.64	3.65	3.63	3.64														
140	4.05	4.04	4.04	4.04	4.03														
145	4.43	4.41	4.41	4.42	4.42														
150	4.80	4.79	4.80	4.76	4.77														
155	5.22	5.21	5.19	5.16	5.17														
160	5.66	5.63	5.59	5.56	5.59														
165	6.04	6.03	5.98	5.96	6.00														
170	6.36	6.34	6.33	6.30	6.31														
175	6.61	6.62	6.61	6.57	6.55														
180	6.73	6.75	6.78	6.75	6.72														

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=1.0604]
Remarks: