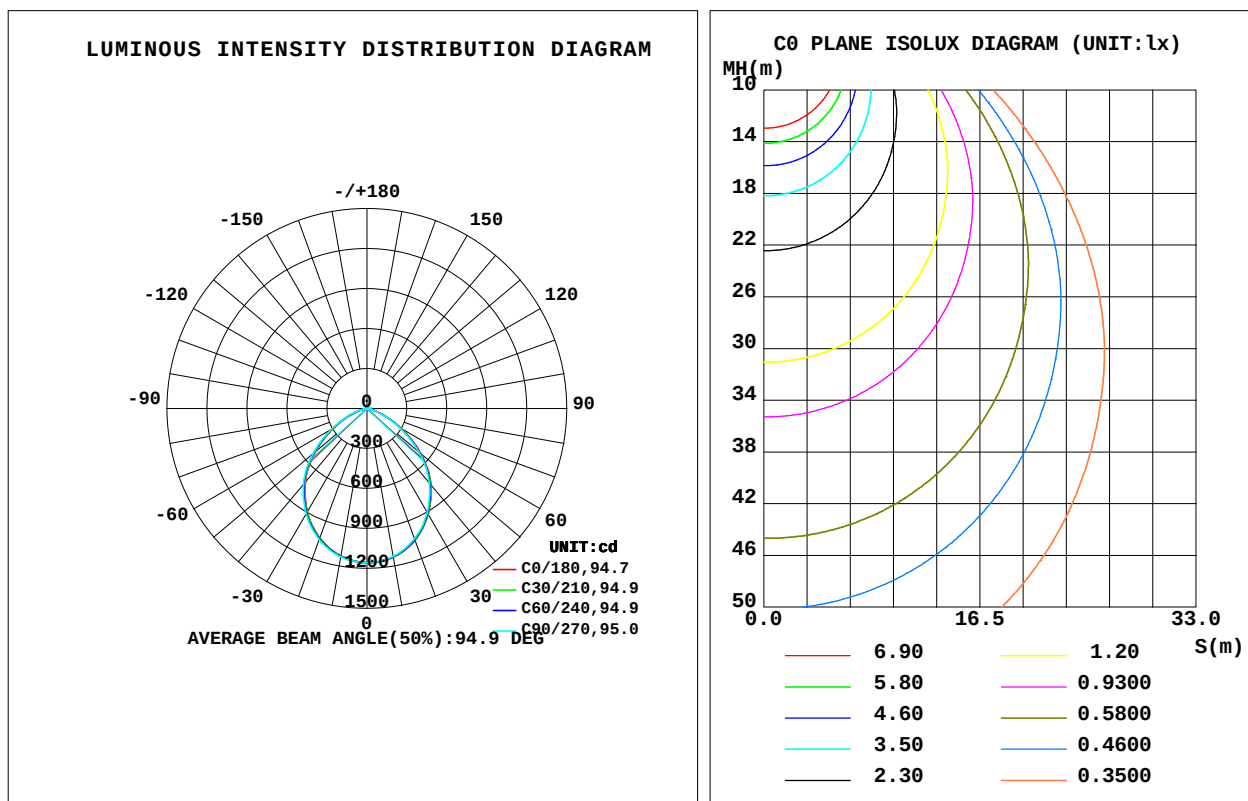


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.59 lm/W			
MODEL	ASD-CDL1-8N3030	I _{max} (cd)	1158	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)	2506.9	h UP, DN(C0-180)	0.5,49.2
NOMINAL FLUX(lm)	2506.87	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=1.0826]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

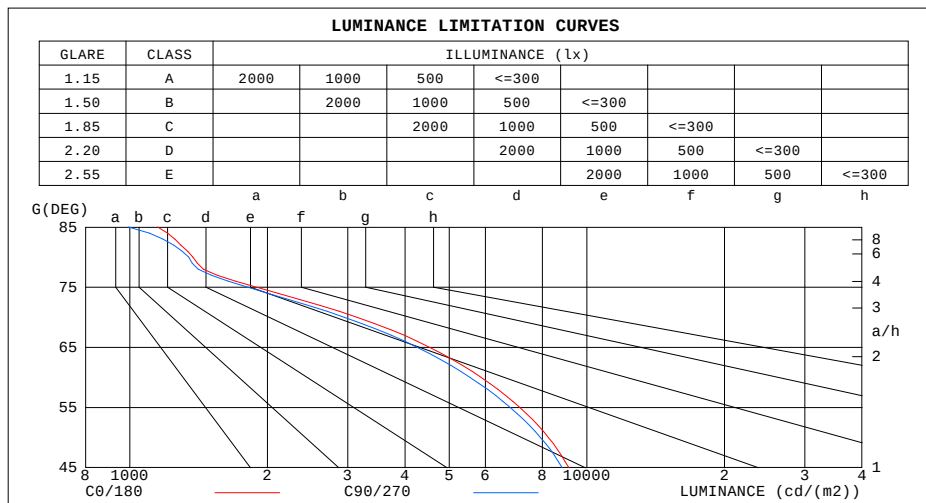
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	1133	1132	1127	1124	1124	1126	1131	1134	0- 10	109.1	109.1	4.35,4.35
20	1053	1049	1042	1036	1035	1040	1048	1053	10- 20	308.1	417.2	16.6,16.6
30	918.8	912.8	904.1	896.6	895.3	901.6	912.5	916.9	20- 30	451.6	868.7	34.7,34.7
40	747.0	739.2	728.7	722.1	720.6	730.3	742.6	746.2	30- 40	514.4	1383	55.2,55.2
50	530.0	520.3	509.2	502.8	505.8	517.5	530.6	531.4	40- 50	486.2	1869	74.6,74.6
60	293.6	285.8	277.7	277.0	279.7	288.3	299.8	298.6	50- 60	357.9	2227	88.8,88.8
70	107.5	103.4	100.8	102.6	103.5	106.3	111.4	111.4	60- 70	188.2	2416	96.4,96.4
80	23.87	23.64	23.36	23.98	24.37	24.31	24.32	24.07	70- 80	57.35	2473	98.6,98.6
90	0.7345	0.7328	0.7591	0.7436	0.6939	0.6079	0.5811	0.6021	80- 90	11.29	2484	99.1,99.1
100	1.409	1.428	1.470	1.438	1.254	1.231	1.195	1.204	90-100	1.060	2485	99.1,99.1
110	2.331	2.356	2.408	2.393	2.160	2.115	2.085	2.077	100-110	1.867	2487	99.2,99.2
120	3.421	3.430	3.504	3.494	3.239	3.157	3.132	3.102	110-120	2.741	2490	99.3,99.3
130	4.512	4.510	4.568	4.584	4.324	4.247	4.201	4.154	120-130	3.441	2493	99.5,99.5
140	5.515	5.503	5.610	5.615	5.333	5.251	5.216	5.152	130-140	3.775	2497	99.6,99.6
150	6.492	6.474	6.570	6.570	6.320	6.282	6.220	6.139	140-150	3.687	2501	99.8,99.8
160	7.376	7.418	7.433	7.519	7.297	7.318	7.251	7.192	150-160	3.166	2504	99.9,99.9
170	8.109	8.117	8.193	8.224	8.099	8.138	8.113	8.054	160-170	2.190	2506	100,100
180	8.505	8.556	8.498	8.587	8.500	8.551	8.503	8.592	170-180	0.7930	2507	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=1.0826]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	1151	994
80	1375	1345
75	1893	1812
70	3143	2947
65	4533	4258
60	5872	5554
55	7139	6802
50	8246	7920
45	9136	8839

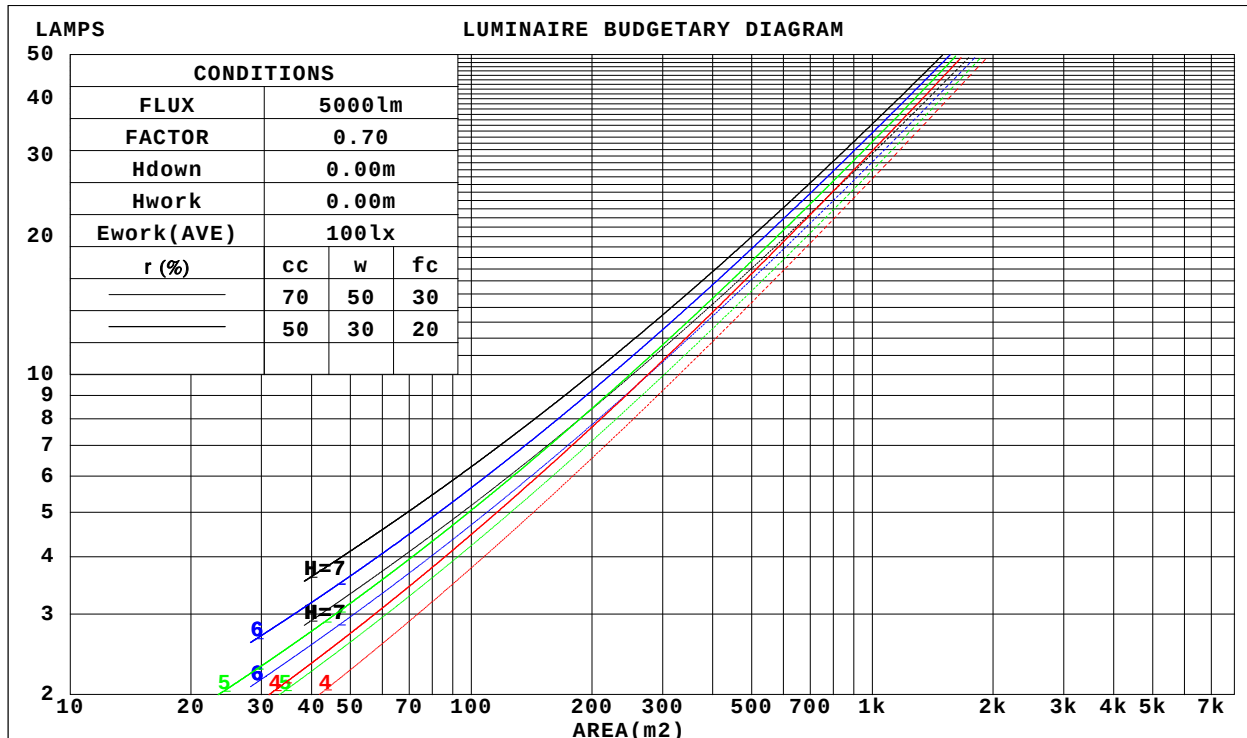
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: WANG
Test Date: 2019-12-03

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=1.0826]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ASD-CDL1-8N3030	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	.69	.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=1.0826]
Remarks:

WEC AND CCEC

NAME: ASD-CDL1-8N3030	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	.135	.042	.241	.133	.041	.229	.127	.040	.218	.122	.038	.208	.118	.037		
3.0	.234	.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	.090	.026	.180	.089	.025	.173	.087	.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=1.0826]
 Remarks:

UGR(Unified Glare Rating) Table

NAME: ASD-CDL1-8N3030					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	16.0	17.4	16.3	17.6	17.8	15.9	17.2	16.1	17.4	17.6			
	3H	16.5	17.8	16.8	18.0	18.2	16.3	17.5	16.6	17.8	18.0			
	4H	16.5	17.7	16.9	18.0	18.2	16.3	17.5	16.6	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	16.4	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	18.1	18.5	16.6	17.7	17.0	18.0	18.3			
	4H	16.9	17.8	17.3	18.1	18.5	16.7	17.6	17.1	18.0	18.3			
	6H	16.9	17.7	17.3	18.1	18.4	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	16.8	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	17.7	18.2			
	8H	16.9	17.4	17.4	17.9	18.3	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	17.6	18.1			
12H	4H	16.8	17.5	17.2	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	17.3	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, 2507 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)
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=1.0826]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

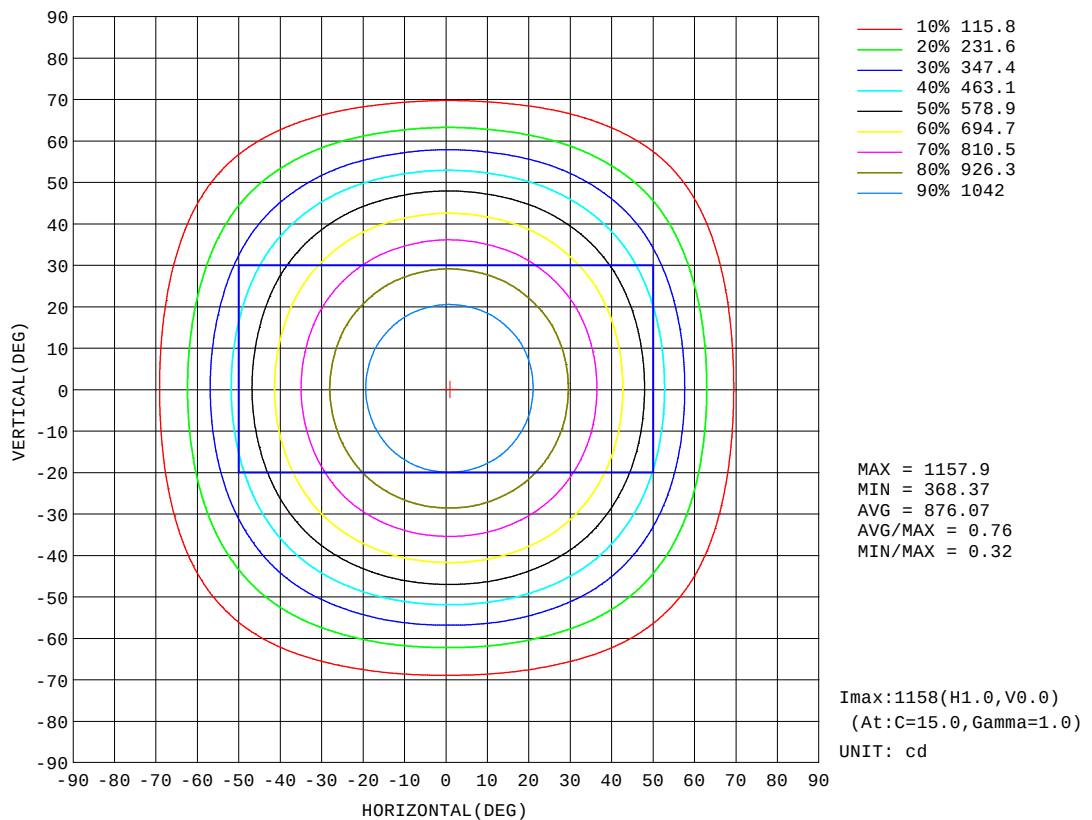
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	74	63	57	73	63	56	71	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=1.0826]
Remarks:

ISOCANDELA DIAGRAM

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

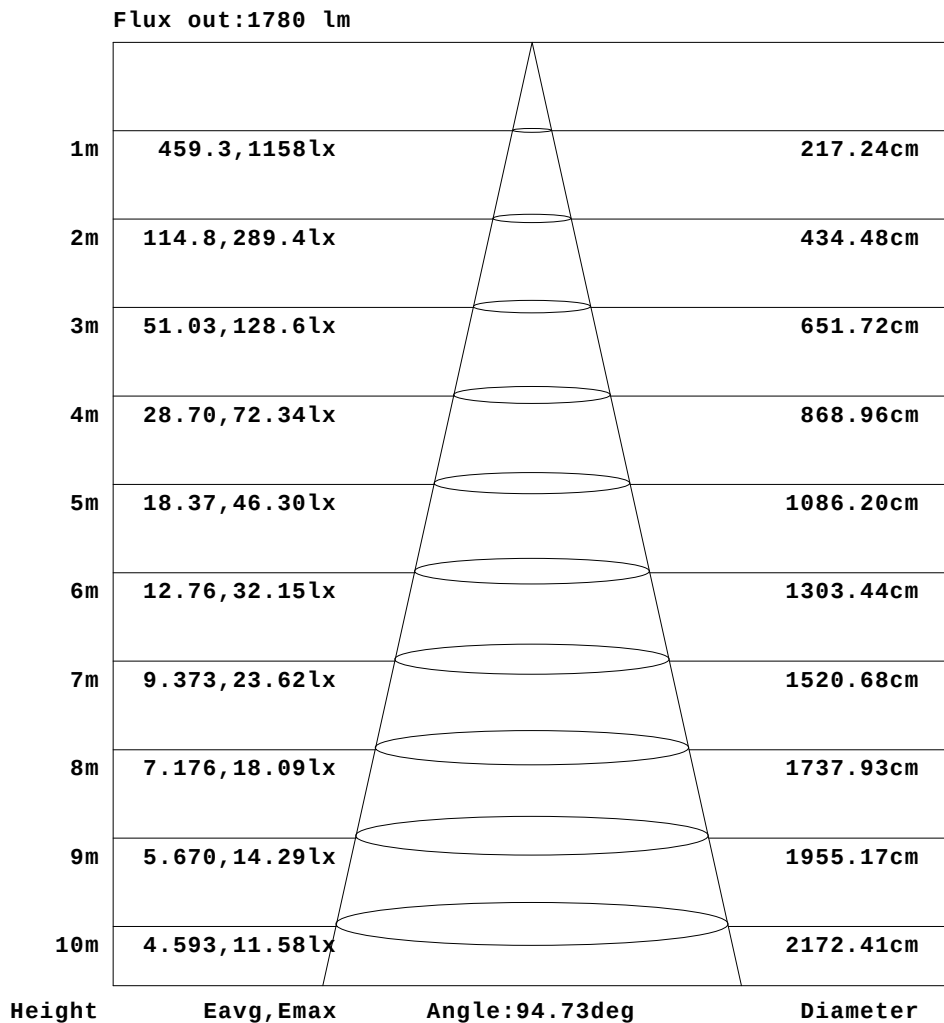


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:WANG
Test Date:2019-12-03

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=1.0826]
Remarks:

AAI Figure

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:



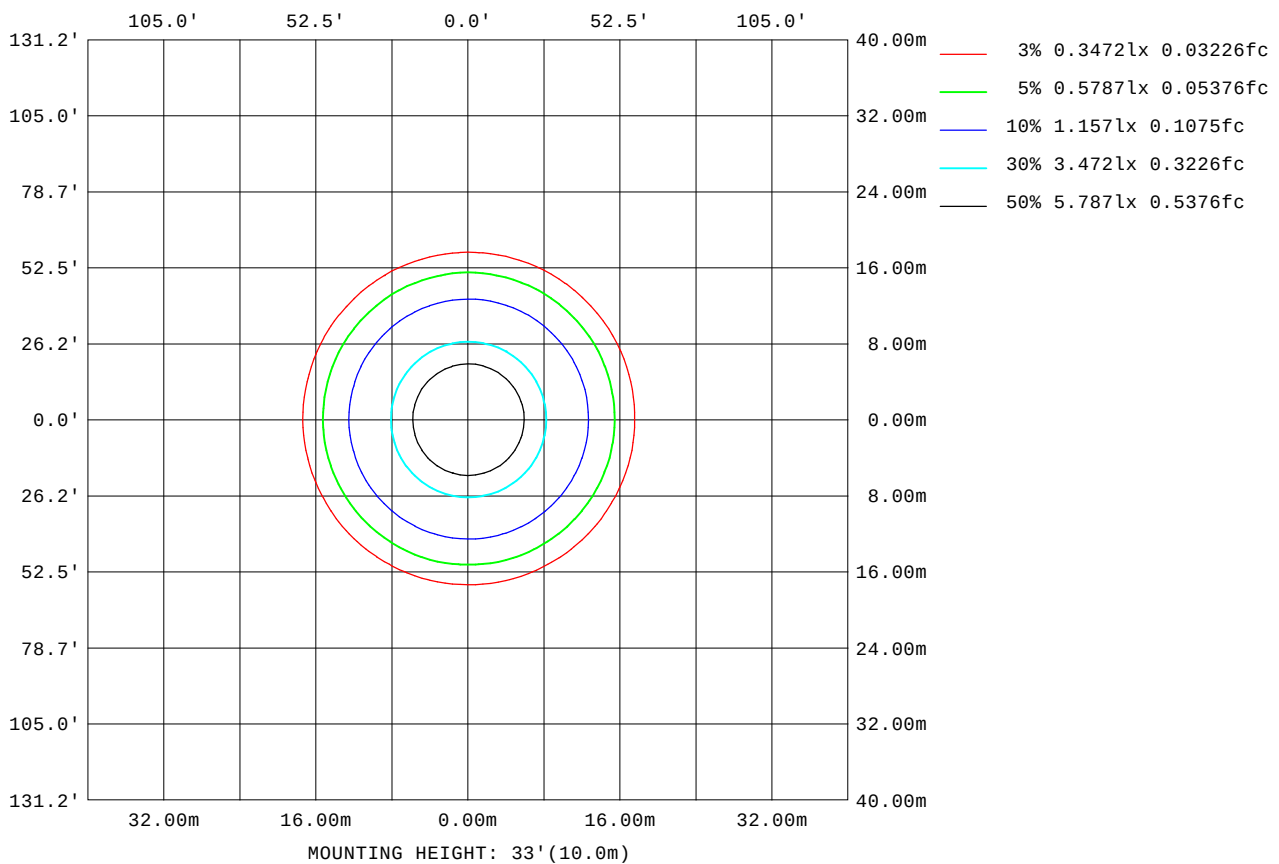
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0826]
 Remarks:

ISOLUX DIAGRAM

NAME: ASD-CDL1-8N3030	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=1.0826]
Remarks:

LED Avg.L Report

NAME: ASD-CDL1-8N3030	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.:	Shielding Angle:

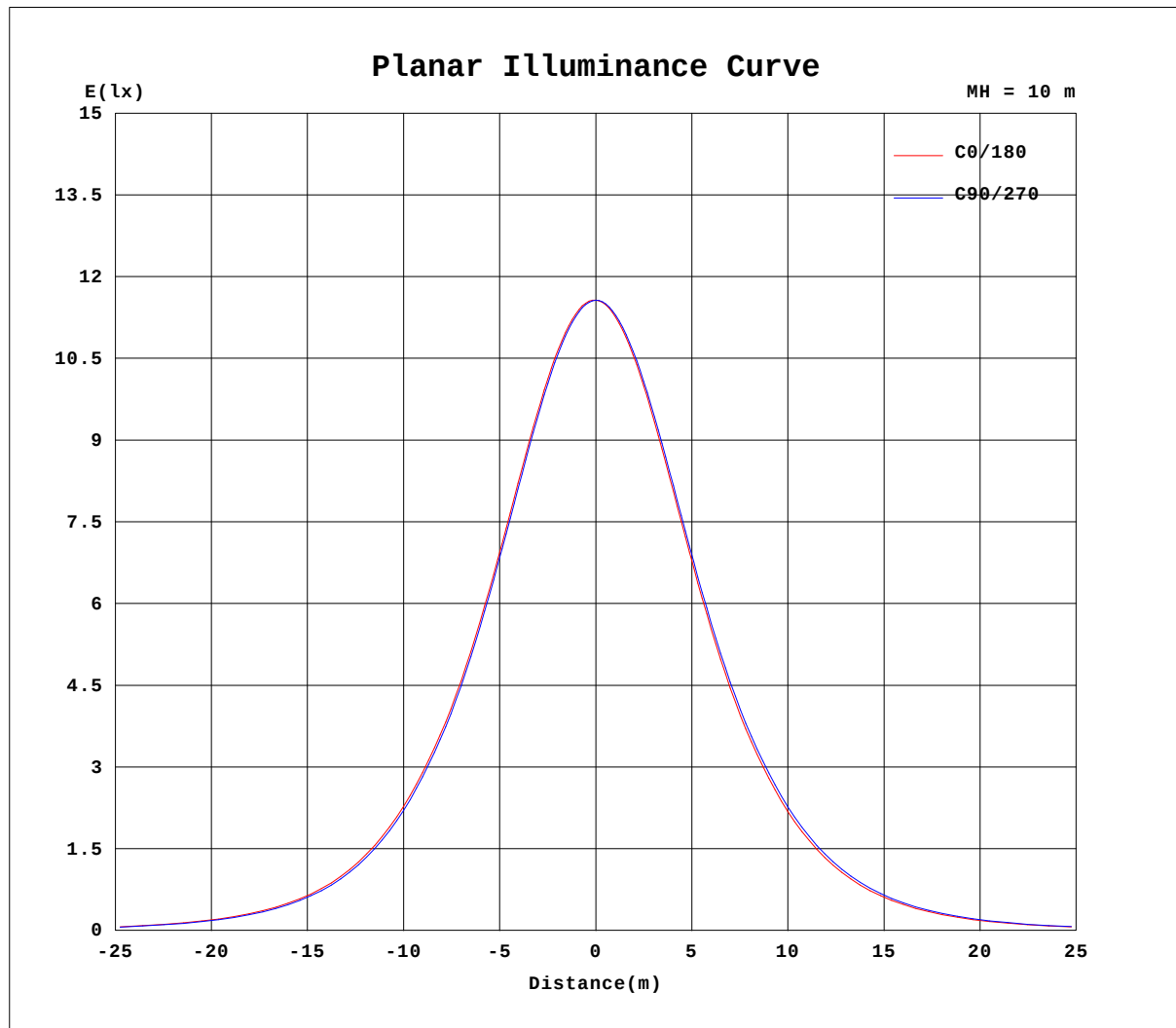
AvgL	cd/m2
L_0~180(65)av	4425
L_0~180(75)av	1892
L_0~180(85)av	1199
L_90~270(65)av	4462
L_90~270(75)av	1895
L_90~270(85)av	1006
L_45(65)av	4443
L_45(75)av	1889
L_45(85)av	1121

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=1.0826]
 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=1.0826]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-8N3030	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	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157	1157
5	1153	1153	1152	1152	1151	1151	1150	1149	1148	1148	1147	1147	1147	1148	1148	1149	1150	1150	1151
10	1133	1134	1132	1132	1130	1129	1127	1127	1125	1124	1123	1123	1124	1124	1125	1126	1128	1129	1131
15	1101	1101	1098	1097	1095	1094	1092	1090	1088	1087	1085	1085	1086	1086	1088	1089	1092	1094	1096
20	1053	1052	1050	1049	1046	1044	1042	1040	1038	1036	1034	1034	1035	1036	1038	1040	1043	1045	1048
25	992	991	988	987	984	982	979	977	974	972	970	969	971	972	975	976	980	982	986
30	919	918	915	913	910	908	904	902	899	897	894	893	895	896	900	902	906	908	912
35	835	834	830	828	824	822	818	816	813	811	808	808	810	811	816	819	823	826	830
40	747	746	742	739	735	733	729	727	724	722	719	719	721	722	728	730	736	738	743
45	646	644	640	637	632	630	625	623	620	619	616	616	619	621	627	630	636	638	643
50	530	528	523	520	516	514	509	507	504	503	501	502	506	508	514	518	524	526	531
55	409	407	402	400	396	394	390	389	386	386	385	386	390	392	398	401	407	409	413
60	294	292	287	286	282	281	278	278	276	277	275	277	280	281	286	288	294	295	300
65	192	190	186	185	182	182	180	181	180	181	180	181	182	183	187	189	193	194	197
70	107	106	104	103	102	102	101	102	102	103	102	103	104	104	106	106	109	109	111
75	49.0	48.5	47.6	47.5	46.9	47.1	46.9	47.4	47.6	48.2	48.1	48.5	48.9	48.7	49.6	49.5	50.4	50.2	51.2
80	23.9	23.9	23.6	23.6	23.4	23.5	23.4	23.6	23.7	24.0	24.0	24.2	24.4	24.3	24.5	24.3	24.4	24.2	24.3
85	10.0	10.2	9.77	9.59	9.01	8.92	8.67	9.12	9.46	10.2	10.5	11.0	10.9	10.8	10.6	10.0	9.60	8.99	8.87
90	0.73	0.72	0.75	0.73	0.75	0.73	0.76	0.75	0.75	0.74	0.76	0.80	0.69	0.65	0.62	0.61	0.59	0.60	0.58
95	1.02	1.03	1.05	1.04	1.06	1.05	1.07	1.06	1.07	1.05	1.06	1.05	0.89	0.88	0.87	0.88	0.85	0.87	0.84
100	1.41	1.41	1.43	1.43	1.45	1.45	1.47	1.45	1.46	1.44	1.46	1.44	1.25	1.25	1.23	1.23	1.21	1.21	1.19
105	1.84	1.83	1.86	1.86	1.88	1.89	1.90	1.88	1.89	1.89	1.90	1.88	1.69	1.69	1.67	1.66	1.64	1.63	1.62
110	2.33	2.32	2.34	2.36	2.39	2.39	2.41	2.39	2.41	2.39	2.40	2.40	2.16	2.15	2.12	2.12	2.11	2.09	2.08
115	2.87	2.86	2.88	2.88	2.91	2.93	2.95	2.95	2.94	2.94	2.96	2.95	2.69	2.67	2.64	2.62	2.62	2.61	2.60
120	3.42	3.41	3.43	3.43	3.46	3.46	3.50	3.50	3.49	3.49	3.50	3.50	3.24	3.21	3.18	3.16	3.14	3.14	3.13
125	3.97	3.96	3.98	3.98	4.00	4.00	4.04	4.03	4.05	4.05	4.07	4.07	3.78	3.75	3.73	3.70	3.68	3.67	3.67
130	4.51	4.50	4.50	4.51	4.52	4.53	4.57	4.56	4.59	4.58	4.61	4.62	4.32	4.30	4.26	4.25	4.22	4.20	4.20
135	5.03	5.00	5.00	5.02	5.02	5.04	5.09	5.08	5.09	5.11	5.12	5.13	4.83	4.81	4.78	4.75	4.73	4.71	4.72
140	5.52	5.52	5.49	5.50	5.53	5.55	5.61	5.59	5.60	5.61	5.62	5.66	5.33	5.32	5.29	5.25	5.23	5.21	5.22
145	6.01	6.00	5.99	5.99	6.02	6.04	6.10	6.09	6.08	6.10	6.12	6.16	5.83	5.83	5.79	5.77	5.72	5.72	5.72
150	6.49	6.48	6.49	6.47	6.50	6.52	6.57	6.57	6.57	6.57	6.63	6.63	6.32	6.33	6.31	6.28	6.23	6.22	6.22
155	6.95	6.94	6.97	6.96	6.96	6.97	7.02	7.00	7.03	7.05	7.10	7.09	6.82	6.83	6.83	6.79	6.76	6.76	6.74
160	7.38	7.36	7.39	7.42	7.41	7.41	7.43	7.45	7.47	7.52	7.54	7.52	7.30	7.32	7.33	7.32	7.28	7.28	7.25
165	7.77	7.75	7.76	7.80	7.84	7.86	7.88	7.89	7.90	7.90	7.92	7.93	7.73	7.78	7.76	7.76	7.74	7.77	7.74
170	8.11	8.08	8.08	8.12	8.17	8.20	8.19	8.19	8.19	8.22	8.26	8.26	8.10	8.15	8.15	8.14	8.11	8.11	8.11
175	8.35	8.34	8.37	8.40	8.42	8.40	8.38	8.40	8.43	8.49	8.50	8.46	8.36	8.39	8.42	8.43	8.39	8.38	8.37
180	8.51	8.51	8.54	8.56	8.54	8.51	8.50	8.52	8.57	8.59	8.55	8.52	8.50	8.52	8.53	8.55	8.55	8.51	8.50

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=1.0826]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ASD-CDL1-8N3030	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	1157	1157	1157	1157	1157														
5	1152	1152	1153	1153	1153														
10	1132	1133	1134	1135	1135														
15	1098	1100	1100	1102	1102														
20	1050	1052	1053	1055	1055														
25	988	990	991	993	993														
30	913	917	917	920	920														
35	831	834	835	837	837														
40	744	747	746	749	748														
45	644	647	646	649	647														
50	531	533	531	533	532														
55	413	415	413	414	412														
60	299	301	299	300	296														
65	197	198	197	197	194														
70	111	113	111	112	109														
75	50.8	51.3	50.5	50.7	49.7														
80	24.1	24.3	24.1	24.2	23.9														
85	8.70	9.05	9.29	9.83	9.97														
90	0.60	0.59	0.60	0.59	0.61														
95	0.87	0.84	0.87	0.86	0.86														
100	1.21	1.20	1.20	1.20	1.21														
105	1.63	1.62	1.63	1.62	1.63														
110	2.09	2.07	2.08	2.06	2.09														
115	2.59	2.58	2.59	2.57	2.59														
120	3.12	3.10	3.10	3.10	3.11														
125	3.64	3.63	3.63	3.62	3.64														
130	4.17	4.16	4.15	4.15	4.16														
135	4.68	4.65	4.65	4.65	4.66														
140	5.18	5.14	5.15	5.14	5.16														
145	5.67	5.64	5.65	5.64	5.66														
150	6.17	6.15	6.14	6.14	6.15														
155	6.71	6.68	6.67	6.66	6.64														
160	7.23	7.21	7.19	7.16	7.14														
165	7.73	7.69	7.64	7.59	7.60														
170	8.13	8.10	8.05	8.00	7.98														
175	8.40	8.43	8.40	8.33	8.30														
180	8.52	8.56	8.59	8.56	8.52														

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=1.0826]
Remarks: