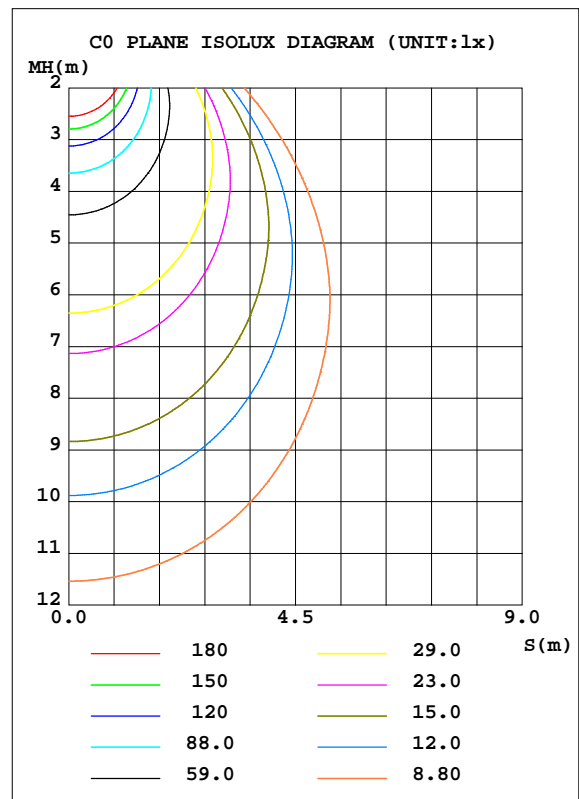
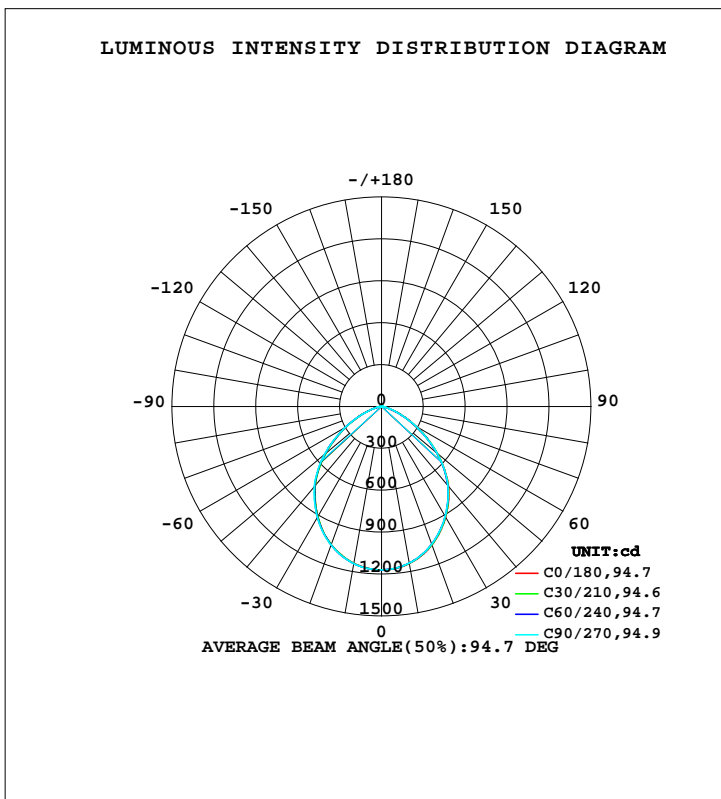


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:ASD-CDL7-8DA30AC 30W 5000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL:CDL7-8AD30AC(30W 5000K)		Imax(cd)	1170	S/MH(C0/180)	1.17
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	2400	h UP, DN(C0-180)	0.5, 49.4
NOMINAL FLUX(lm)	2400	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 49.7
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	h down(%)	99.1	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

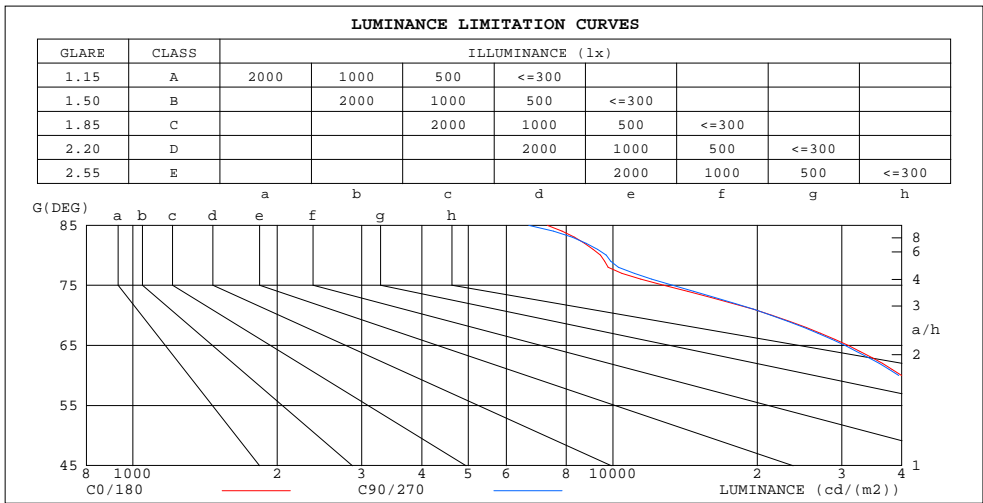
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1142	1141	1139	1141	1141	1141	1143	1142	0- 10	110.3	110.3	4.35,4.35
20	1055	1054	1050	1054	1054	1053	1057	1055	10- 20	311.2	421.5	16.6,16.6
30	917.3	915.2	910.7	915.3	913.2	910.8	918.9	917.0	20- 30	455.4	876.9	34.6,34.6
40	746.3	743.3	738.8	744.4	740.4	737.9	749.6	747.7	30- 40	519.9	1397	55,55
50	522.0	521.5	517.4	525.3	522.1	521.6	532.9	526.7	40- 50	491.6	1888	74.4,74.4
60	287.5	287.4	283.9	293.3	294.1	292.5	300.3	291.4	50- 60	361.5	2250	88.6,88.6
70	105.7	104.7	105.3	114.0	116.6	114.2	114.4	108.2	60- 70	192.2	2442	96.2,96.2
80	23.55	23.86	24.24	26.90	27.35	26.56	24.96	23.77	70- 80	60.68	2503	98.6,98.6
90	0.6753	0.6715	0.6753	0.6490	1.542	0.5488	0.5142	0.5594	80- 90	11.94	2515	99.1,99.1
100	1.403	1.397	1.427	1.374	1.207	1.197	1.172	1.220	90-100	1.015	2516	99.1,99.1
110	2.389	2.379	2.423	2.374	2.166	2.138	2.119	2.156	100-110	1.862	2518	99.2,99.2
120	3.541	3.532	3.572	3.550	3.296	3.246	3.218	3.255	110-120	2.798	2520	99.3,99.3
130	4.693	4.676	4.734	4.703	4.439	4.367	4.354	4.363	120-130	3.552	2524	99.4,99.4
140	5.773	5.752	5.820	5.779	5.496	5.412	5.426	5.413	130-140	3.921	2528	99.6,99.6
150	6.768	6.774	6.820	6.793	6.491	6.444	6.431	6.453	140-150	3.826	2532	99.7,99.7
160	7.699	7.729	7.753	7.738	7.504	7.471	7.462	7.453	150-160	3.279	2535	99.9,99.9
170	8.380	8.413	8.434	8.441	8.331	8.353	8.345	8.318	160-170	2.259	2537	100,100
180	8.767	8.795	8.741	8.791	8.767	8.795	8.736	8.800	170-180	0.8156	2538	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7307	6679
80	9427	9691
75	12760	13312
70	21469	21376
65	30914	30438
60	39959	39421
55	48568	48022
50	56437	55882
45	62897	62386

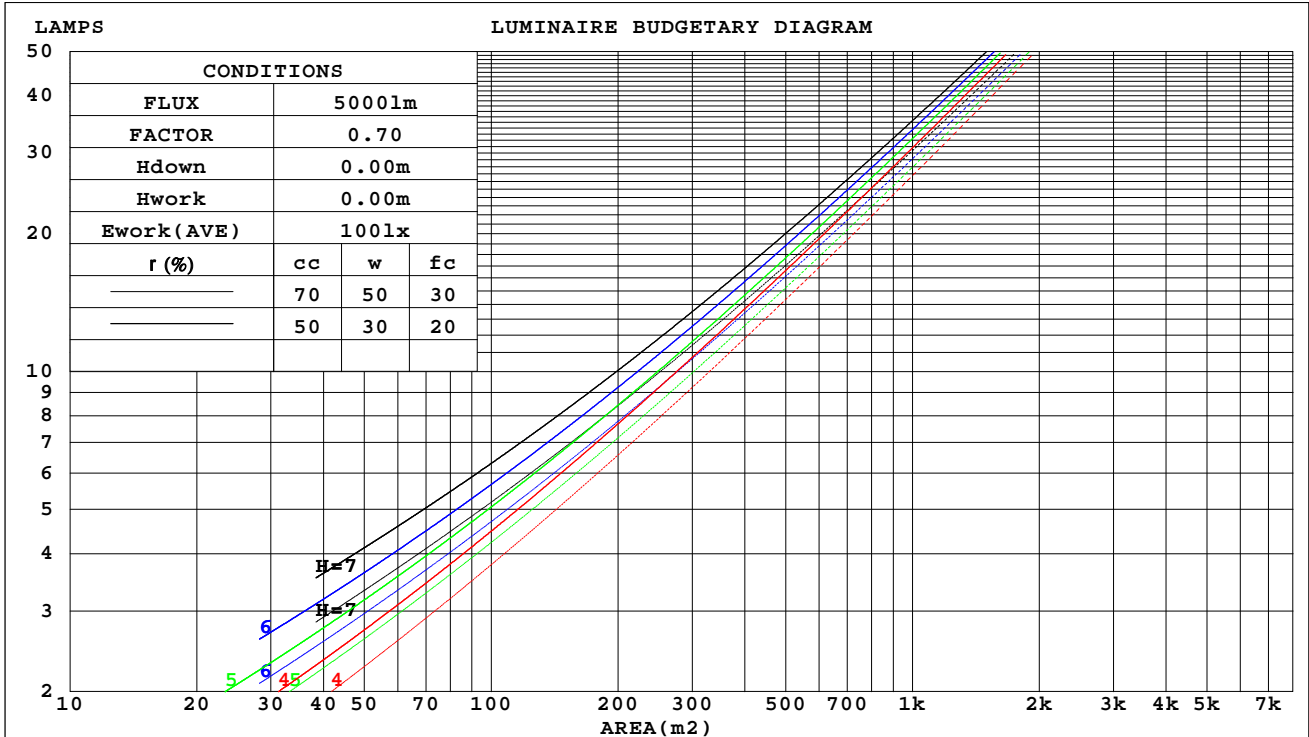
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	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	.77	.72	.83	.76	.71	.80	.74	.70	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.64	.60	.67	.63	.59	.57
5.0	.68	.60	.54	.67	.60	.54	.65	.58	.53	.63	.57	.53	.61	.56	.52	.50
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.58	.51	.47	.56	.51	.46	.44
7.0	.57	.48	.43	.56	.48	.43	.54	.47	.42	.53	.47	.42	.51	.46	.42	.40
8.0	.52	.44	.38	.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:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	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	.255	.145	.046	.248	.141	.045	.234	.135	.043	.222	.128	.041	.211	.122	.039	
2.0	.248	.136	.042	.242	.133	.041	.230	.128	.040	.219	.123	.038	.209	.118	.037	
3.0	.235	.125	.037	.230	.123	.037	.219	.119	.036	.210	.115	.035	.201	.111	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.191	.104	.032	
5.0	.208	.106	.031	.203	.104	.030	.195	.102	.030	.187	.099	.029	.180	.096	.029	
6.0	.195	.098	.028	.191	.097	.028	.184	.094	.027	.177	.092	.027	.171	.090	.027	
7.0	.183	.091	.026	.180	.090	.026	.173	.088	.025	.167	.086	.025	.161	.084	.025	
8.0	.173	.084	.024	.169	.083	.024	.164	.082	.023	.158	.080	.023	.153	.078	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.150	.075	.021	.145	.074	.021	
10.0	.154	.074	.021	.152	.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	.184	.164	.146	.157	.140	.125	.107	.097	.087	.062	.056	.050	.020	.018	.016	
2.0	.173	.139	.110	.149	.120	.095	.102	.083	.067	.059	.048	.039	.019	.016	.013	
3.0	.165	.121	.086	.141	.105	.075	.097	.073	.053	.056	.042	.031	.018	.014	.010	
4.0	.157	.108	.070	.135	.093	.061	.093	.065	.043	.054	.038	.025	.017	.012	.008	
5.0	.150	.097	.058	.129	.084	.050	.089	.059	.035	.051	.034	.021	.017	.011	.007	
6.0	.143	.088	.049	.123	.077	.043	.085	.054	.030	.049	.032	.018	.016	.010	.006	
7.0	.137	.081	.043	.118	.071	.037	.081	.049	.026	.047	.029	.016	.015	.010	.005	
8.0	.131	.076	.038	.113	.066	.033	.078	.046	.023	.045	.027	.014	.015	.009	.005	
9.0	.125	.071	.034	.108	.061	.029	.075	.043	.021	.044	.025	.012	.014	.008	.004	
10.0	.120	.066	.031	.103	.058	.027	.072	.041	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

NAME:		TYPE:					WEIGHT:				
SPEC.:		DIM.:					SERIAL No.:				
MFR.: ASD LIGHTING CORP		SUR.: 0.12*0.12					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	22.6	24.0	22.9	24.2	24.4	22.6	23.9	22.8	24.1	24.4	
3H	23.1	24.4	23.4	24.6	24.8	23.0	24.3	23.3	24.5	24.8	
4H	23.1	24.3	23.5	24.6	24.8	23.1	24.3	23.4	24.5	24.8	
6H	23.1	24.2	23.4	24.5	24.8	23.0	24.1	23.4	24.4	24.7	
8H	23.1	24.1	23.4	24.4	24.7	23.0	24.1	23.4	24.4	24.7	
12H	23.0	24.1	23.4	24.4	24.7	23.0	24.0	23.3	24.3	24.6	
4H 2H	22.9	24.1	23.2	24.3	24.6	22.8	24.0	23.1	24.3	24.5	
3H	23.4	24.4	23.8	24.8	25.1	23.4	24.4	23.7	24.7	25.0	
4H	23.5	24.4	23.9	24.7	25.1	23.4	24.4	23.8	24.7	25.0	
6H	23.5	24.3	23.9	24.7	25.0	23.4	24.3	23.9	24.6	25.0	
8H	23.5	24.2	23.9	24.6	25.0	23.4	24.2	23.9	24.6	25.0	
12H	23.5	24.2	23.9	24.5	25.0	23.4	24.1	23.9	24.5	24.9	
8H 4H	23.4	24.2	23.9	24.6	25.0	23.4	24.1	23.8	24.5	24.9	
6H	23.5	24.1	23.9	24.5	25.0	23.4	24.1	23.9	24.5	24.9	
8H	23.5	24.0	24.0	24.5	24.9	23.5	24.0	23.9	24.4	24.9	
12H	23.5	24.0	24.0	24.4	24.9	23.4	23.9	23.9	24.4	24.9	
12H 4H	23.4	24.1	23.8	24.5	24.9	23.4	24.0	23.8	24.4	24.9	
6H	23.5	24.0	23.9	24.4	24.9	23.4	24.0	23.9	24.4	24.9	
8H	23.5	23.9	24.0	24.4	24.9	23.4	23.9	23.9	24.4	24.9	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.6 / - 0.7					+ 0.6 / - 0.7					
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
2.0H	+ 1.0 / - 1.3					+ 1.0 / - 1.4					

CIE Pub.117, 2538 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)
 Area: 0.0144 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

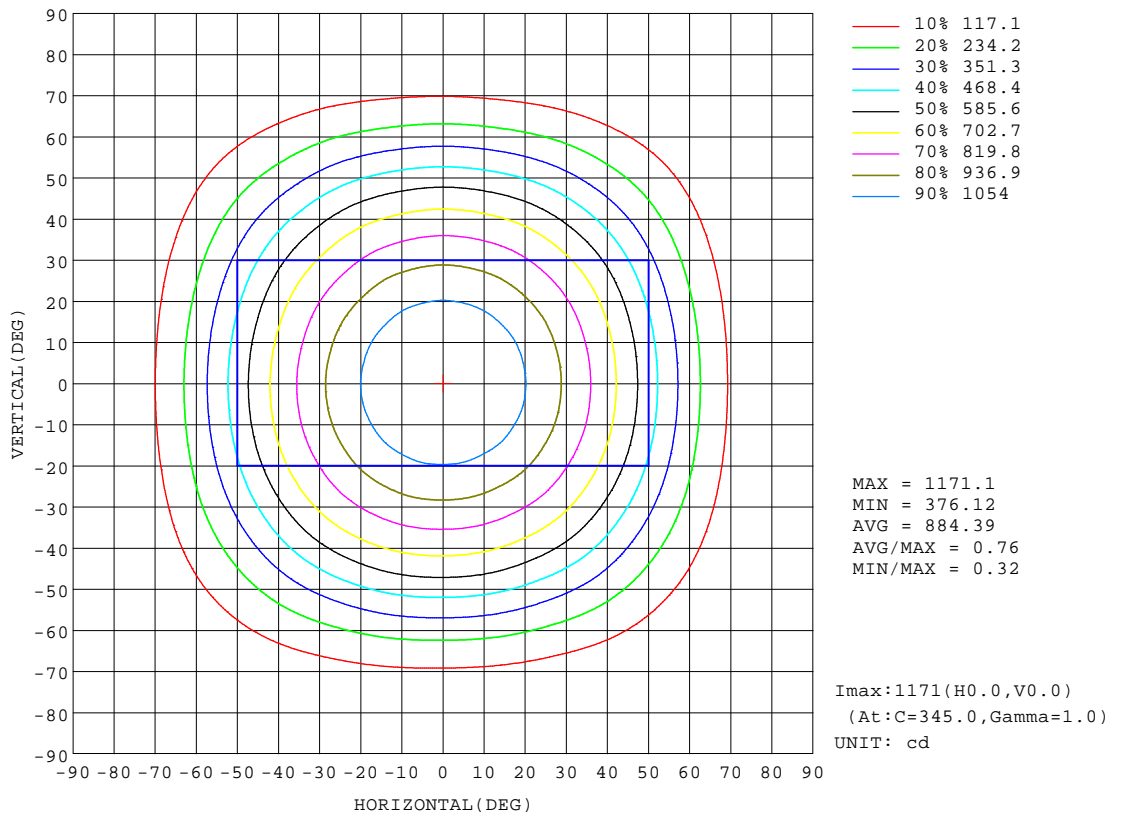
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	73	63	57	72	63	56	71	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	78	89	82	77	71
2.00	99	92	87	98	91	86	94	89	84	77
2.50	102	96	91	100	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:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



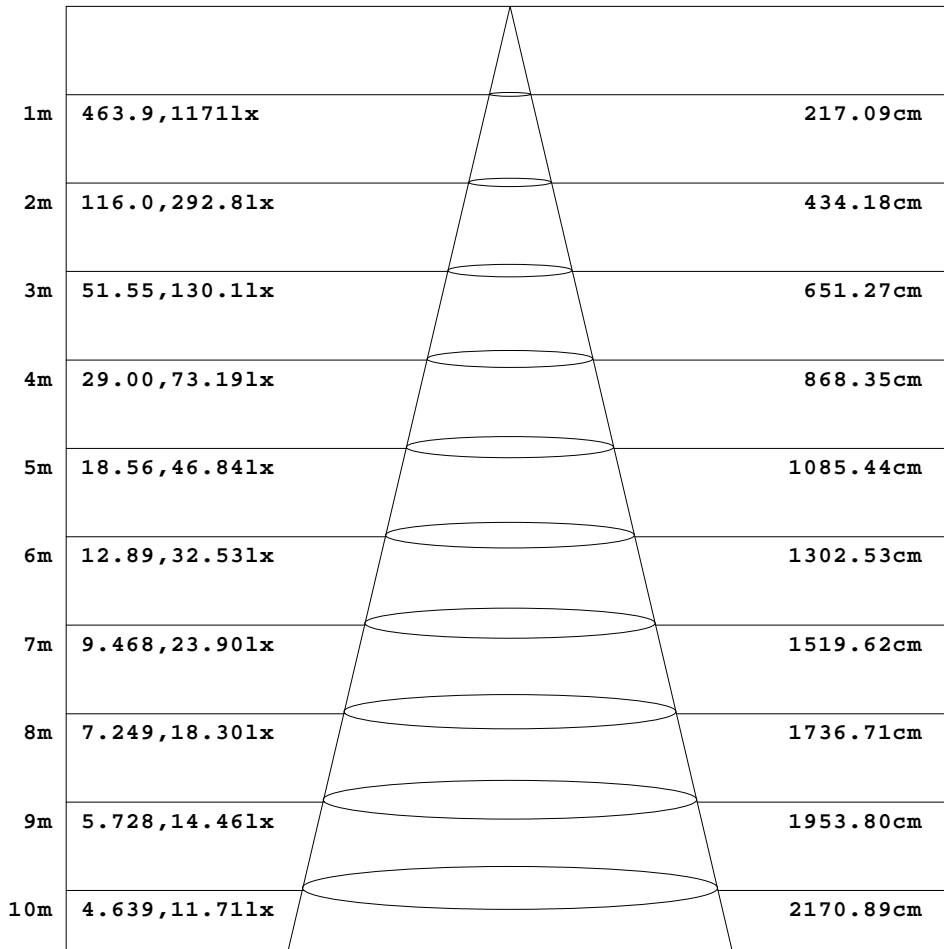
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

AAI Figure

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Flux out:1798 lm



Height Eavg, Emax Angle:94.69deg Diameter

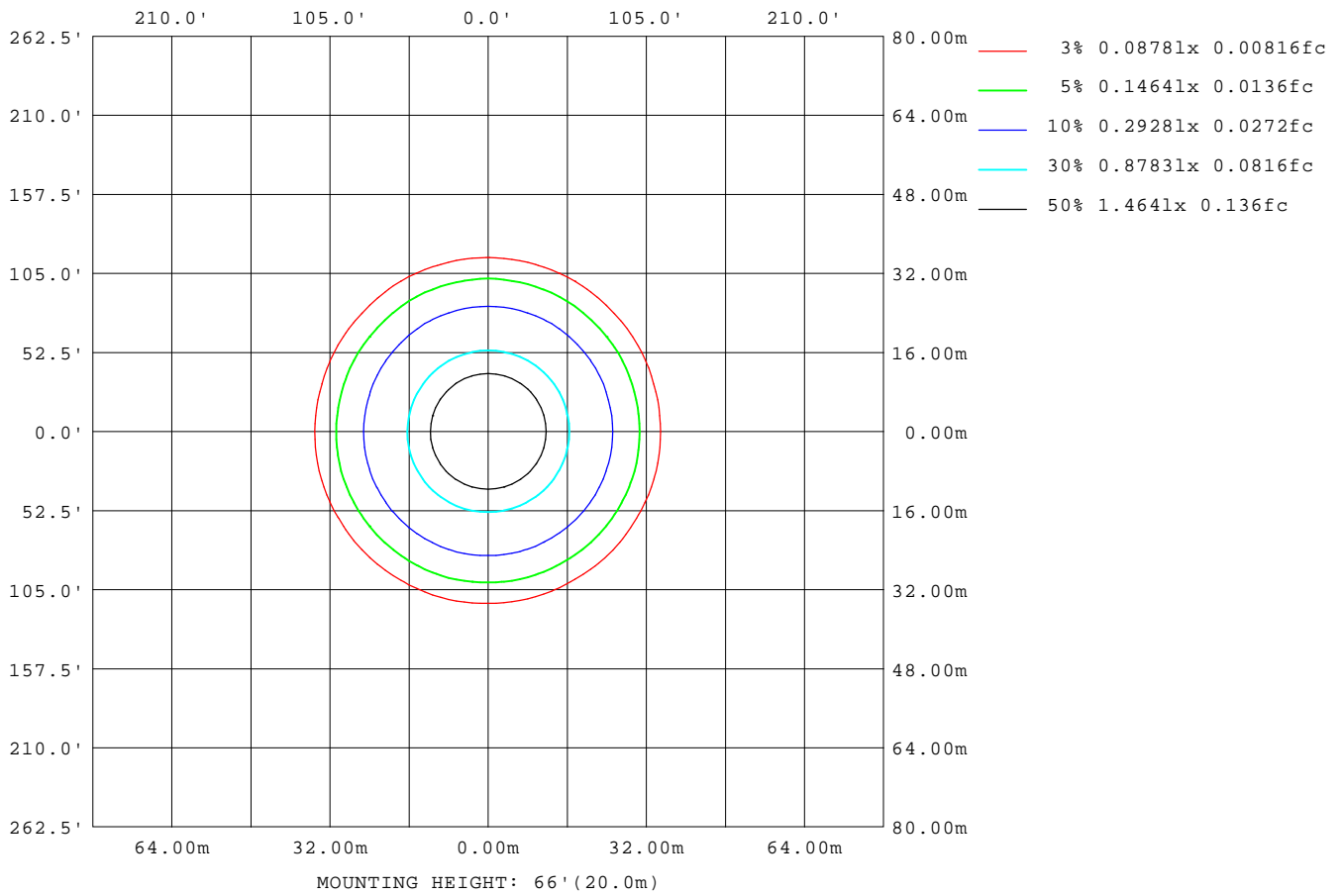
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

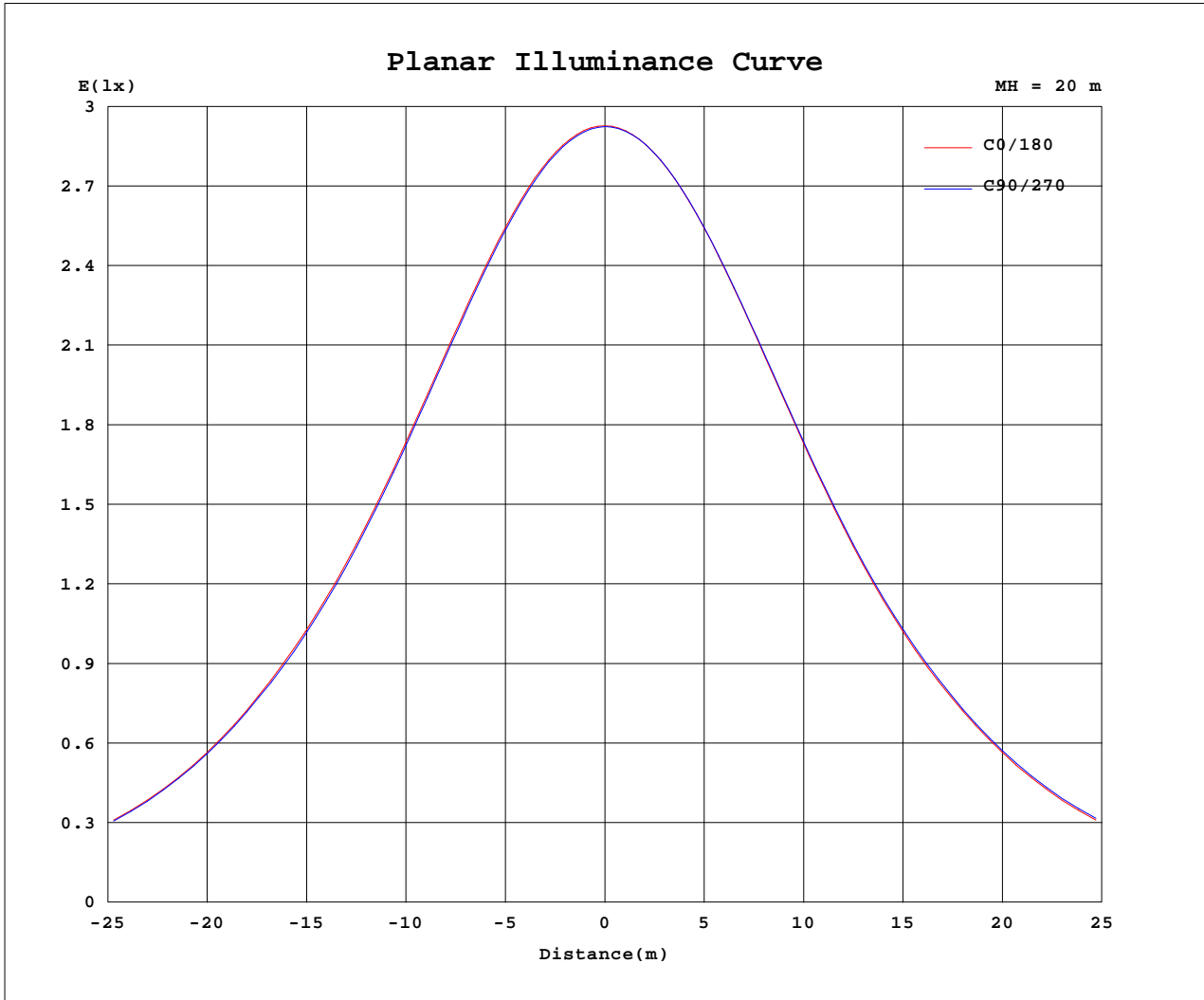
AvgL	cd/m2
L_0~180(65)av	31628
L_0~180(75)av	14166
L_0~180(85)av	8956
L_90~270(65)av	31537
L_90~270(75)av	13956
L_90~270(85)av	7071
L_45(65)av	31447
L_45(75)av	14018
L_45(85)av	8181

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	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	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170
5	1163	1164	1163	1163	1162	1163	1162	1162	1162	1162	1162	1163	1163	1163	1163	1163	1164	1163	1164
10	1142	1143	1141	1141	1139	1140	1139	1140	1140	1141	1140	1141	1141	1141	1141	1141	1142	1142	1143
15	1106	1106	1105	1105	1102	1103	1102	1104	1103	1105	1104	1105	1105	1104	1105	1104	1107	1106	1107
20	1055	1056	1054	1054	1050	1052	1050	1053	1052	1054	1054	1054	1054	1053	1054	1053	1056	1055	1057
25	992	992	990	990	986	987	986	988	988	990	989	990	989	988	989	987	992	991	993
30	917	918	915	915	911	912	911	913	913	915	914	915	913	910	912	911	917	916	919
35	835	836	833	833	828	829	828	830	830	832	831	831	829	826	828	827	833	833	836
40	746	747	743	743	738	740	739	742	742	744	742	743	740	737	739	738	745	745	750
45	640	641	637	638	633	636	635	640	639	642	640	642	639	635	637	635	644	643	647
50	522	524	520	522	515	518	517	522	522	525	523	525	522	519	522	522	530	529	533
55	401	403	399	401	394	398	397	402	401	406	404	406	404	402	405	404	412	411	414
60	287	289	285	287	281	285	284	289	288	293	292	296	294	291	294	292	299	298	300
65	188	189	185	187	182	186	185	190	190	194	195	198	197	194	196	194	199	196	199
70	106	106	103	105	102	105	105	109	110	114	115	117	117	115	116	114	117	114	114
75	47.5	47.8	46.8	47.7	46.7	48.8	49.6	52.2	53.3	55.9	56.5	58.4	58.1	57.2	57.9	56.2	57.5	54.8	54.4
80	23.6	23.7	23.5	23.9	23.3	24.0	24.2	25.4	25.9	26.9	27.1	27.5	27.3	27.2	27.4	26.6	26.4	25.4	25.0
85	9.16	9.33	8.82	8.85	8.03	8.34	8.38	9.48	10.3	11.8	12.6	13.6	13.3	13.0	12.8	11.7	11.1	9.85	9.36
90	0.68	0.66	0.68	0.67	0.69	0.67	0.68	0.66	0.67	0.65	0.89	1.53	1.54	1.12	0.78	0.55	0.51	0.54	0.51
95	1.00	0.99	1.01	0.99	1.02	1.00	1.02	0.99	0.99	0.97	0.98	0.96	0.83	0.83	0.81	0.82	0.80	0.81	0.80
100	1.40	1.39	1.41	1.40	1.43	1.42	1.43	1.40	1.41	1.37	1.39	1.37	1.21	1.22	1.19	1.20	1.17	1.18	1.17
105	1.87	1.85	1.86	1.86	1.89	1.88	1.89	1.87	1.87	1.85	1.85	1.83	1.65	1.65	1.63	1.63	1.61	1.62	1.61
110	2.39	2.37	2.39	2.38	2.41	2.41	2.42	2.40	2.40	2.37	2.38	2.37	2.17	2.16	2.14	2.14	2.11	2.12	2.12
115	2.96	2.94	2.95	2.95	2.99	2.97	2.99	2.97	2.97	2.96	2.96	2.94	2.72	2.71	2.69	2.68	2.65	2.67	2.66
120	3.54	3.52	3.54	3.53	3.57	3.55	3.57	3.55	3.56	3.55	3.55	3.54	3.30	3.27	3.25	3.25	3.21	3.22	3.22
125	4.12	4.10	4.11	4.11	4.15	4.13	4.16	4.13	4.14	4.14	4.15	4.14	3.88	3.85	3.81	3.82	3.78	3.79	3.79
130	4.69	4.66	4.68	4.68	4.71	4.70	4.73	4.70	4.72	4.70	4.71	4.70	4.44	4.40	4.37	4.37	4.35	4.36	4.35
135	5.24	5.21	5.22	5.22	5.26	5.26	5.28	5.25	5.27	5.26	5.27	5.25	4.98	4.94	4.91	4.90	4.88	4.90	4.90
140	5.77	5.75	5.76	5.75	5.80	5.79	5.82	5.79	5.80	5.78	5.81	5.79	5.50	5.47	5.44	5.41	5.39	5.43	5.43
145	6.28	6.24	6.26	6.27	6.29	6.27	6.32	6.28	6.29	6.29	6.31	6.28	6.00	5.97	5.95	5.94	5.89	5.94	5.94
150	6.77	6.73	6.77	6.77	6.79	6.77	6.82	6.78	6.79	6.79	6.82	6.77	6.49	6.47	6.44	6.44	6.40	6.43	6.43
155	7.24	7.21	7.26	7.27	7.28	7.28	7.30	7.29	7.28	7.28	7.29	7.26	7.00	7.01	6.96	6.97	6.93	6.99	6.97
160	7.70	7.68	7.70	7.73	7.73	7.73	7.75	7.74	7.75	7.74	7.73	7.72	7.50	7.51	7.49	7.47	7.43	7.48	7.46
165	8.09	8.06	8.06	8.08	8.14	8.16	8.17	8.15	8.13	8.11	8.11	8.11	7.96	7.98	7.96	7.92	7.91	7.96	7.94
170	8.38	8.37	8.39	8.41	8.45	8.45	8.43	8.42	8.43	8.44	8.46	8.43	8.33	8.37	8.35	8.35	8.30	8.32	8.34
175	8.63	8.62	8.65	8.67	8.68	8.65	8.65	8.65	8.68	8.71	8.70	8.66	8.62	8.64	8.65	8.63	8.58	8.58	8.58
180	8.77	8.76	8.79	8.80	8.76	8.73	8.74	8.74	8.78	8.79	8.76	8.74	8.77	8.76	8.79	8.80	8.76	8.73	8.74

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP	SUR.: 0.12*0.12	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	1170	1170	1170	1170	1170														
5	1163	1164	1163	1164	1164														
10	1142	1143	1142	1143	1142														
15	1106	1107	1106	1107	1106														
20	1056	1057	1055	1057	1056														
25	992	994	992	993	992														
30	917	919	917	919	917														
35	835	838	836	837	835														
40	748	750	748	749	747														
45	645	647	643	644	639														
50	530	531	527	527	522														
55	411	411	406	406	401														
60	296	297	291	292	287														
65	194	195	191	192	188														
70	111	111	108	108	106														
75	51.4	51.3	49.1	49.1	47.3														
80	24.2	24.3	23.8	24.0	23.4														
85	8.69	8.85	8.66	9.04	8.89														
90	0.54	0.53	0.56	0.55	0.57														
95	0.83	0.83	0.85	0.83	0.86														
100	1.21	1.20	1.22	1.23	1.24														
105	1.64	1.64	1.65	1.66	1.68														
110	2.14	2.14	2.16	2.16	2.18														
115	2.68	2.68	2.70	2.70	2.72														
120	3.23	3.24	3.26	3.25	3.27														
125	3.80	3.79	3.82	3.81	3.84														
130	4.36	4.35	4.36	4.37	4.40														
135	4.90	4.89	4.90	4.91	4.93														
140	5.42	5.42	5.41	5.43	5.45														
145	5.92	5.91	5.94	5.92	5.95														
150	6.42	6.43	6.45	6.42	6.44														
155	6.98	6.95	6.95	6.94	6.96														
160	7.47	7.44	7.45	7.46	7.46														
165	7.94	7.91	7.91	7.90	7.91														
170	8.36	8.34	8.32	8.26	8.26														
175	8.61	8.61	8.60	8.56	8.54														
180	8.75	8.78	8.80	8.77	8.75														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-10-07

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks: