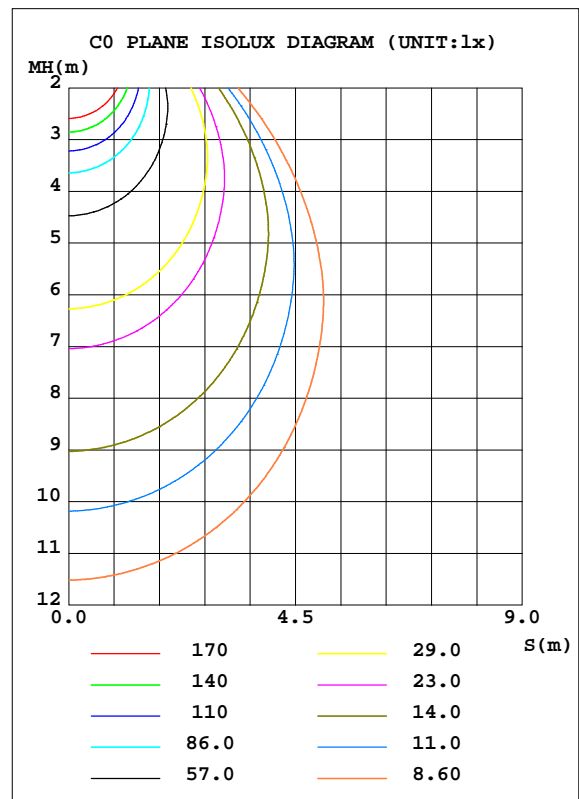
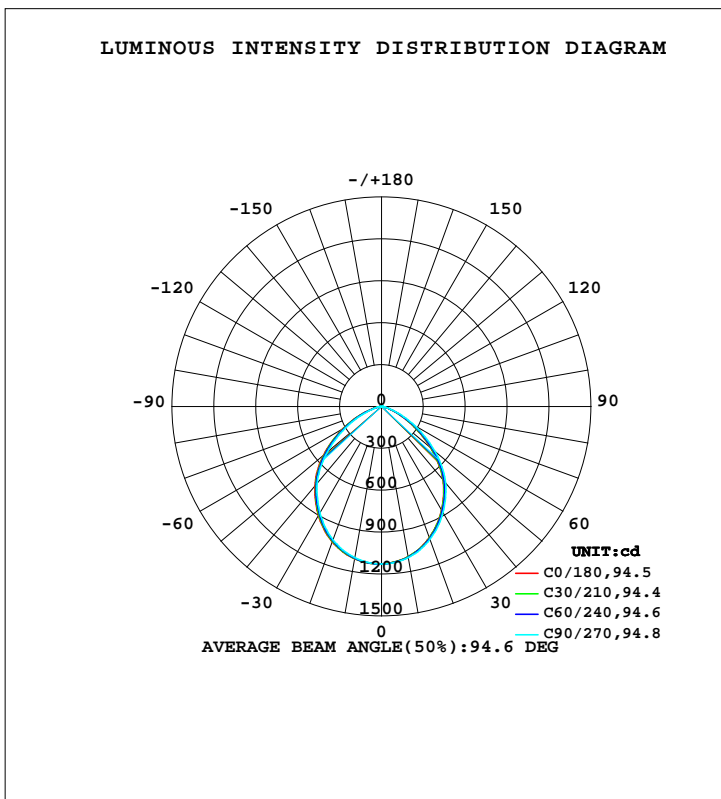


LUMINAIRE PHOTOMETRIC TEST REPORT

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

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	CDL7-8DA30AC(2700K 30W)	Imax(cd)	1128	S/MH(C0/180)	1.20
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	2440.7	h UP, DN(C0-180)	0.5, 49.2
NOMINAL FLUX(lm)	2440.67	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)	120.0	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: 2021-09-28

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:

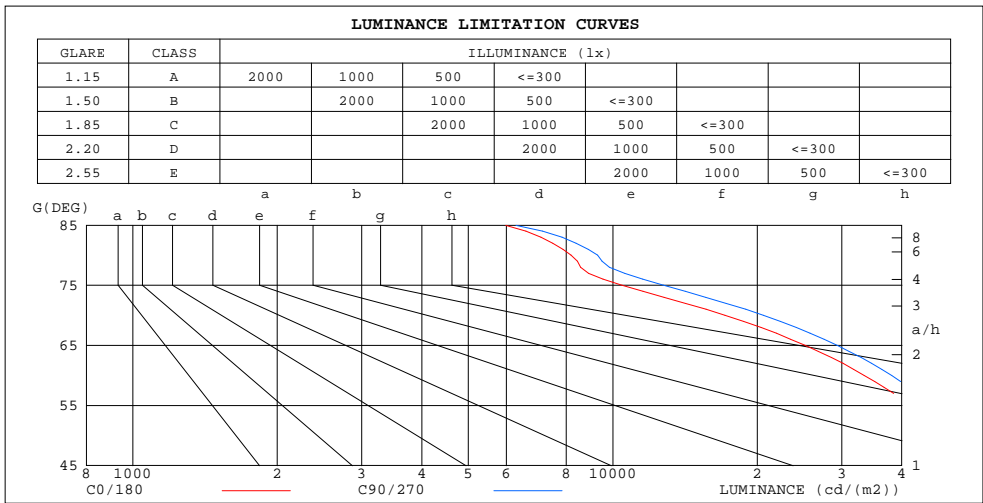
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1092	1095	1099	1105	1108	1105	1100	1095	0- 10	106.3	106.3	4.36,4.36
20	1000	1005	1014	1027	1032	1024	1017	1007	10- 20	299.9	406.2	16.6,16.6
30	858.7	866.6	879.3	897.3	903.6	892.2	882.0	866.7	20- 30	438.6	844.8	34.6,34.6
40	686.4	695.9	713.7	736.6	741.9	728.6	718.0	698.0	30- 40	500.3	1345	55.1,55.1
50	457.5	473.4	500.4	532.9	541.7	526.5	507.8	475.7	40- 50	471.9	1817	74.4,74.4
60	237.8	250.1	274.8	307.6	320.0	305.2	284.3	252.4	50- 60	346.3	2163	88.6,88.6
70	83.41	88.14	101.6	122.9	133.5	123.1	108.2	91.39	60- 70	184.5	2348	96.2,96.2
80	20.24	21.20	23.29	27.33	29.48	27.44	23.94	21.56	70- 80	58.94	2407	98.6,98.6
90	0.7339	0.6877	0.6313	0.5754	2.368	0.4707	0.4925	0.5751	80- 90	11.54	2418	99.1,99.1
100	1.477	1.420	1.353	1.232	1.034	1.055	1.143	1.245	90-100	0.9740	2419	99.1,99.1
110	2.465	2.395	2.301	2.170	1.920	1.939	2.041	2.182	100-110	1.781	2421	99.2,99.2
120	3.582	3.504	3.406	3.279	2.979	2.995	3.102	3.237	110-120	2.682	2424	99.3,99.3
130	4.686	4.609	4.539	4.402	4.092	4.077	4.199	4.310	120-130	3.410	2427	99.4,99.4
140	5.710	5.633	5.586	5.453	5.129	5.092	5.237	5.311	130-140	3.767	2431	99.6,99.6
150	6.632	6.603	6.539	6.431	6.100	6.103	6.203	6.303	140-150	3.680	2435	99.7,99.7
160	7.491	7.501	7.442	7.377	7.106	7.096	7.177	7.240	150-160	3.151	2438	99.9,99.9
170	8.101	8.130	8.101	8.083	7.969	7.976	8.025	8.037	160-170	2.172	2440	100,100
180	8.409	8.462	8.399	8.472	8.445	8.444	8.404	8.468	170-180	0.7847	2441	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:2021-09-28

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**

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



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	5981	6280
80	8189	9296
75	10450	12753
70	17135	20579
65	25176	29366
60	33416	38086
55	41833	46401
50	50011	53953
45	57253	60200

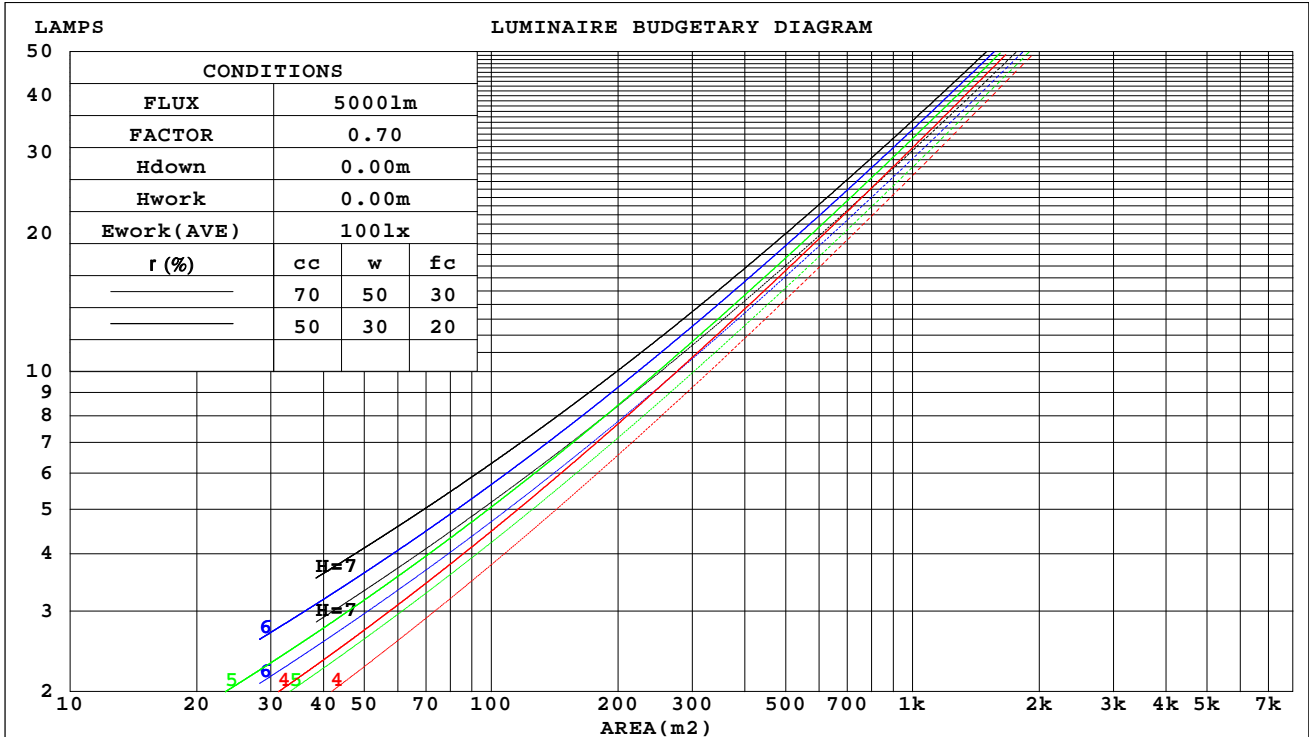
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-28

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 <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	.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:  
 Test Date: 2021-09-28

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 <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	.229	.123	.037	.219	.119	.036	.209	.115	.035	.201	.111	.034	
4.0	.221	.115	.034	.216	.113	.033	.207	.110	.033	.198	.107	.032	.190	.104	.032	
5.0	.207	.106	.031	.203	.104	.030	.195	.102	.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	.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	.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 <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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:2021-09-28

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	22.0	23.4	22.3	23.6	23.8	22.4	23.8	22.7	24.0	24.2	
3H	22.4	23.7	22.7	23.9	24.1	22.9	24.1	23.2	24.4	24.6	
4H	22.4	23.6	22.7	23.9	24.1	22.9	24.1	23.2	24.3	24.6	
6H	22.4	23.5	22.7	23.8	24.1	22.9	24.0	23.2	24.3	24.6	
8H	22.4	23.4	22.7	23.7	24.0	22.9	23.9	23.2	24.2	24.5	
12H	22.3	23.3	22.7	23.6	24.0	22.8	23.8	23.2	24.1	24.5	
4H 2H	22.3	23.4	22.6	23.7	24.0	22.6	23.8	22.9	24.0	24.3	
3H	22.7	23.7	23.1	24.0	24.3	23.1	24.1	23.5	24.4	24.8	
4H	22.8	23.7	23.1	24.0	24.4	23.2	24.1	23.6	24.5	24.8	
6H	22.8	23.6	23.2	23.9	24.3	23.2	24.0	23.6	24.4	24.8	
8H	22.8	23.5	23.2	23.9	24.3	23.2	24.0	23.6	24.3	24.7	
12H	22.7	23.4	23.2	23.8	24.2	23.2	23.9	23.6	24.3	24.7	
8H 4H	22.7	23.5	23.1	23.8	24.2	23.1	23.9	23.6	24.3	24.7	
6H	22.8	23.4	23.2	23.8	24.2	23.2	23.8	23.6	24.2	24.7	
8H	22.8	23.3	23.2	23.7	24.2	23.2	23.7	23.7	24.2	24.7	
12H	22.8	23.2	23.3	23.7	24.2	23.2	23.7	23.7	24.1	24.6	
12H 4H	22.7	23.4	23.1	23.8	24.2	23.1	23.8	23.5	24.2	24.6	
6H	22.7	23.3	23.2	23.7	24.2	23.2	23.7	23.6	24.1	24.6	
8H	22.8	23.2	23.2	23.7	24.2	23.2	23.6	23.7	24.1	24.6	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.7 / - 0.8					+ 0.6 / - 0.7					
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					
2.0H	+ 1.2 / - 1.5					+ 1.1 / - 1.5					

CIE Pub.117, 2441 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)  
 Area: 0.0144 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-09-28

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:

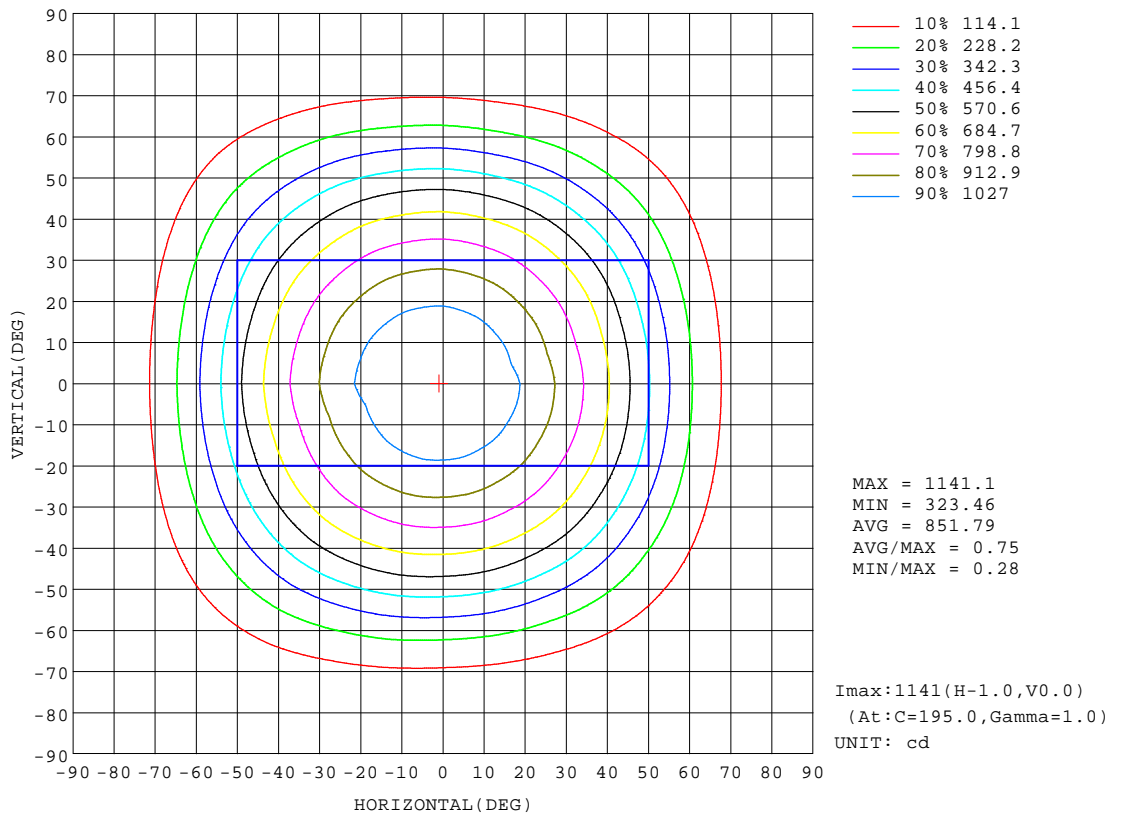
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	53	46	62	52	46	61	52	46	40
0.80	73	63	57	72	63	56	71	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	79	89	82	77	71
2.00	99	92	87	98	91	86	94	89	84	77
2.50	102	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:  
 Test Date: 2021-09-28

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: 2021-09-28

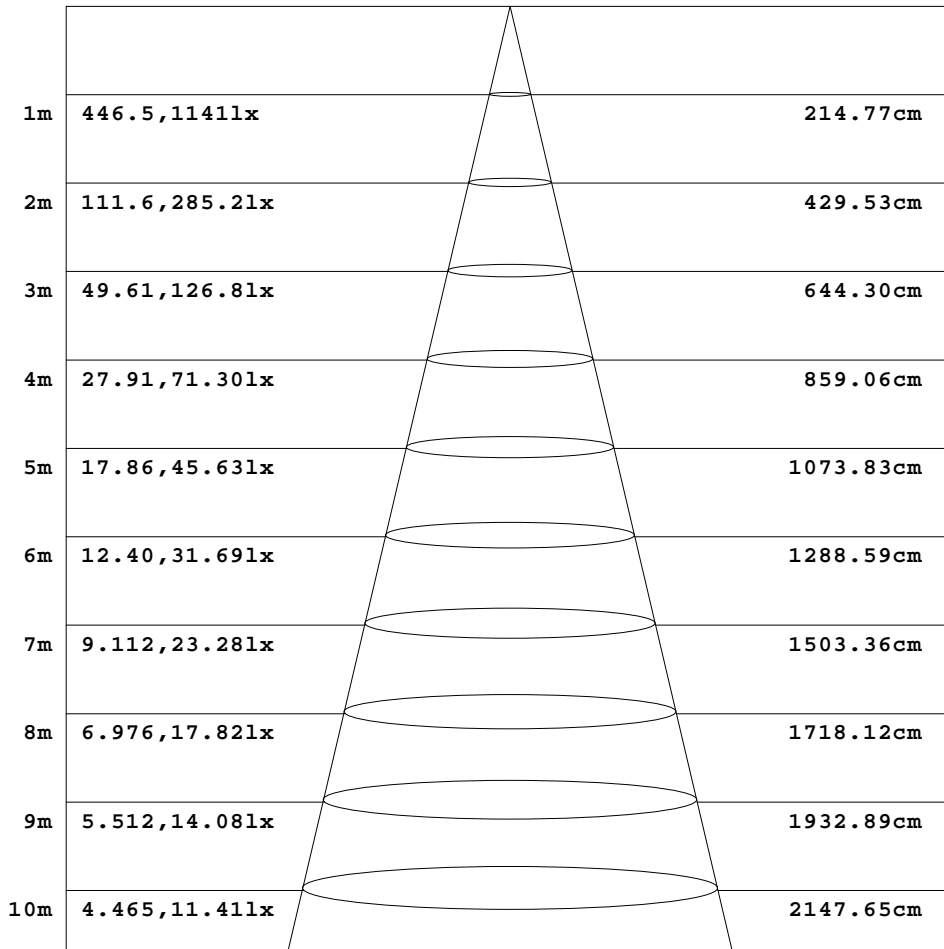
g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.000m [K=1.0000]  
 Remarks:



**AAI Figure**

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

Flux out:1730 lm



Height                      Eavg, Emax                      Angle:94.08deg                      Diameter

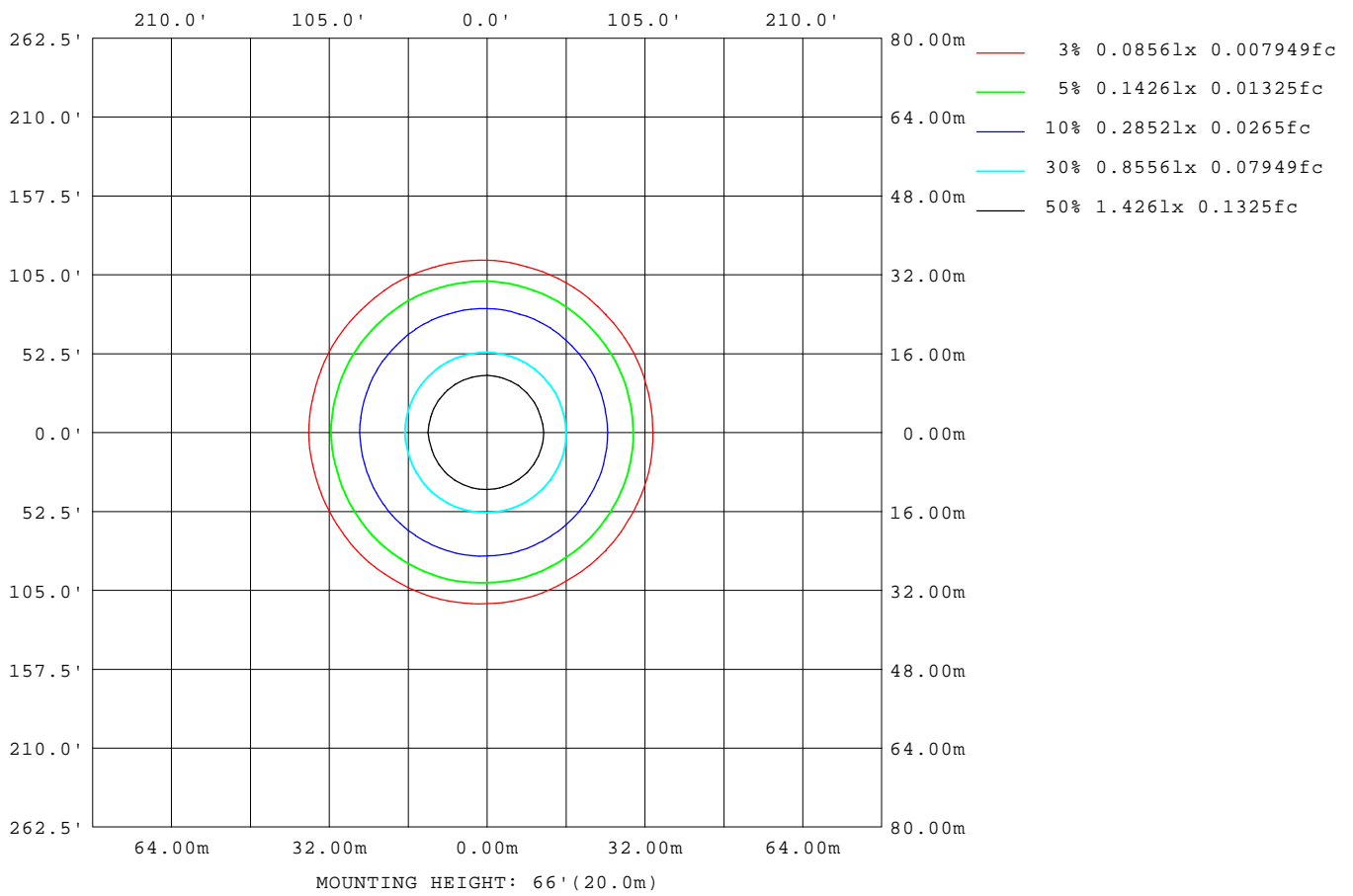
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-28

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: 2021-09-28

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:

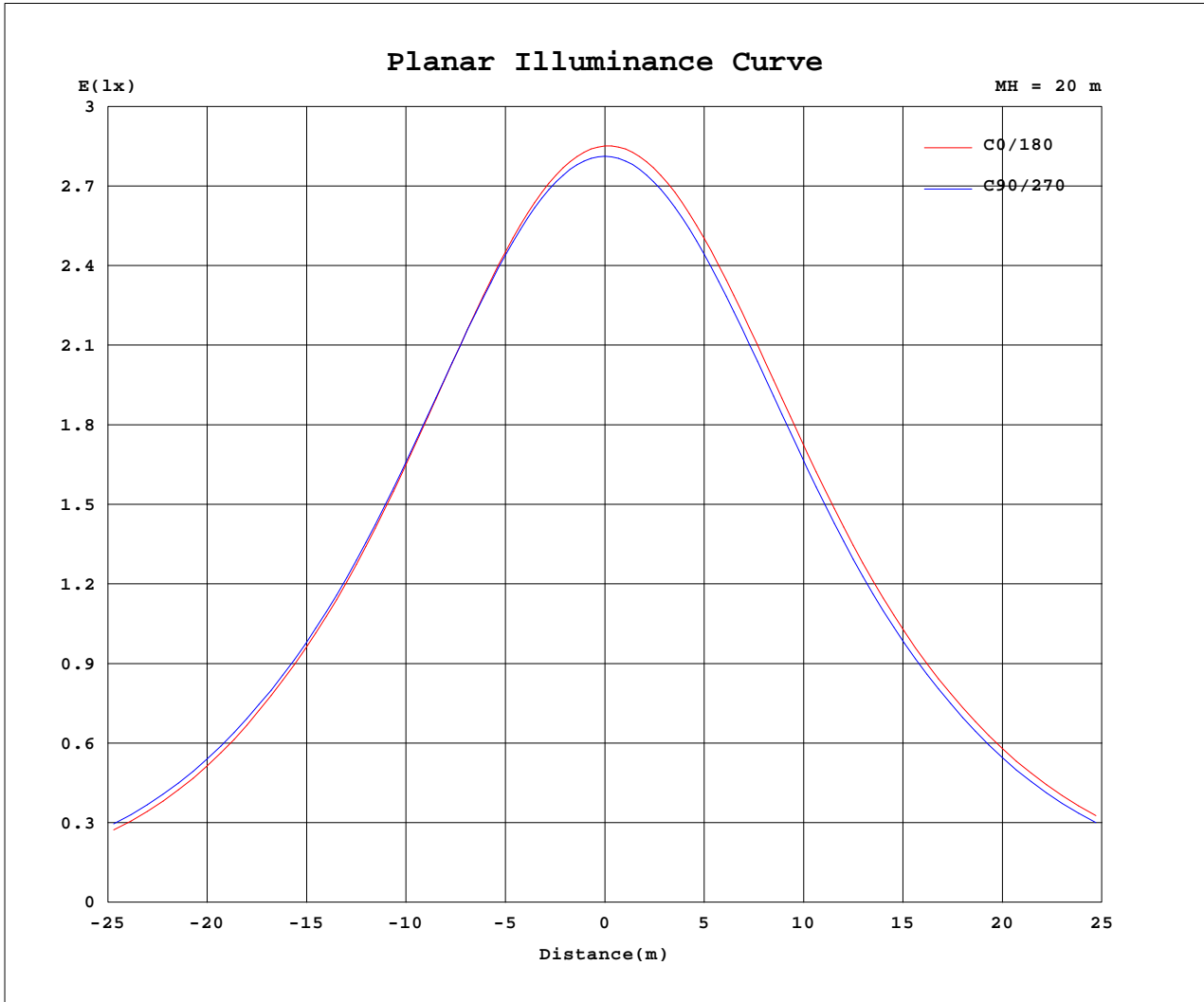
AvgL	cd/m2
L_0~180(65)av	30515
L_0~180(75)av	14159
L_0~180(85)av	8803
L_90~270(65)av	30097
L_90~270(75)av	13345
L_90~270(85)av	6713
L_45(65)av	30182
L_45(75)av	13684
L_45(85)av	7846

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-28

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: 2021-09-28

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	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
5	1117	1117	1117	1118	1119	1119	1120	1122	1122	1123	1123	1124	1125	1124	1124	1123	1122	1121	1120
10	1092	1093	1093	1095	1095	1097	1099	1102	1103	1105	1106	1106	1108	1107	1106	1105	1103	1101	1100
15	1053	1055	1054	1057	1058	1062	1064	1068	1070	1073	1074	1075	1077	1075	1075	1071	1070	1066	1065
20	1000	1002	1002	1005	1007	1011	1014	1019	1022	1027	1027	1029	1032	1029	1029	1024	1023	1018	1017
25	934	937	937	941	943	948	952	958	962	967	968	970	973	970	969	964	963	957	955
30	859	861	862	867	869	876	879	887	891	897	899	900	904	899	898	892	891	884	882
35	776	779	779	785	788	795	799	808	813	820	821	823	825	820	819	813	811	805	802
40	686	689	689	696	700	709	714	724	729	737	738	740	742	736	735	729	727	721	718
45	576	580	581	590	595	607	614	627	633	642	643	647	649	642	641	633	632	623	619
50	458	462	464	473	479	492	500	515	522	533	535	538	542	536	534	526	524	514	508
55	341	346	347	357	362	376	384	399	407	419	421	426	429	424	423	415	411	400	393
60	238	241	241	250	255	267	275	289	296	308	311	316	320	315	314	305	301	290	284
65	151	154	153	159	163	173	179	191	197	207	210	216	220	215	214	206	203	192	187
70	83.4	84.5	84.2	88.1	90.6	97.2	102	110	115	123	126	130	134	131	129	123	120	113	108
75	38.5	39.0	38.8	40.8	42.0	45.3	47.6	52.2	55.1	59.7	61.5	64.5	67.0	65.2	64.9	61.0	58.8	53.9	51.8
80	20.2	20.5	20.5	21.2	21.5	22.6	23.3	24.9	25.9	27.3	27.8	28.6	29.5	29.1	29.1	27.4	26.3	24.8	23.9
85	7.42	7.61	7.21	7.47	7.24	7.74	7.90	9.18	10.2	12.0	13.0	14.2	14.7	14.2	13.7	12.2	11.1	9.59	8.95
90	0.73	0.71	0.71	0.69	0.68	0.64	0.63	0.59	0.60	0.58	0.90	1.74	2.37	1.61	0.93	0.47	0.46	0.49	0.49
95	1.08	1.04	1.05	1.02	1.01	0.96	0.95	0.90	0.89	0.86	0.86	0.83	0.69	0.70	0.69	0.71	0.71	0.76	0.78
100	1.48	1.45	1.46	1.42	1.41	1.37	1.35	1.31	1.27	1.23	1.23	1.20	1.03	1.04	1.02	1.05	1.07	1.11	1.14
105	1.94	1.92	1.92	1.87	1.86	1.82	1.79	1.74	1.71	1.66	1.66	1.63	1.45	1.44	1.45	1.48	1.48	1.53	1.57
110	2.46	2.44	2.43	2.39	2.37	2.33	2.30	2.24	2.22	2.17	2.15	2.13	1.92	1.92	1.91	1.94	1.95	2.00	2.04
115	3.02	3.00	2.98	2.95	2.92	2.87	2.85	2.78	2.76	2.71	2.70	2.67	2.44	2.43	2.43	2.45	2.48	2.52	2.56
120	3.58	3.56	3.54	3.50	3.47	3.44	3.41	3.35	3.32	3.28	3.26	3.24	2.98	2.97	2.96	2.99	3.01	3.06	3.10
125	4.13	4.12	4.09	4.07	4.05	3.99	3.97	3.91	3.88	3.85	3.83	3.81	3.55	3.53	3.52	3.55	3.57	3.61	3.65
130	4.69	4.66	4.64	4.61	4.59	4.54	4.54	4.46	4.44	4.40	4.39	4.37	4.09	4.06	4.06	4.08	4.11	4.15	4.20
135	5.21	5.17	5.16	5.13	5.12	5.07	5.07	4.99	4.98	4.94	4.92	4.90	4.62	4.59	4.59	4.60	4.64	4.68	4.73
140	5.71	5.68	5.66	5.63	5.63	5.58	5.59	5.52	5.49	5.45	5.45	5.43	5.13	5.10	5.10	5.09	5.14	5.20	5.24
145	6.18	6.14	6.14	6.13	6.11	6.07	6.08	6.00	5.98	5.96	5.96	5.92	5.62	5.59	5.60	5.60	5.61	5.69	5.73
150	6.63	6.61	6.62	6.60	6.58	6.53	6.54	6.48	6.45	6.43	6.44	6.39	6.10	6.09	6.08	6.10	6.11	6.17	6.20
155	7.09	7.06	7.08	7.07	7.05	7.01	7.01	6.96	6.93	6.92	6.91	6.87	6.60	6.60	6.58	6.60	6.62	6.70	6.72
160	7.49	7.49	7.48	7.50	7.47	7.45	7.44	7.41	7.39	7.38	7.35	7.34	7.11	7.11	7.09	7.10	7.11	7.17	7.18
165	7.84	7.83	7.81	7.83	7.85	7.85	7.85	7.81	7.77	7.74	7.74	7.75	7.58	7.58	7.59	7.56	7.58	7.63	7.65
170	8.10	8.10	8.11	8.13	8.13	8.12	8.10	8.09	8.07	8.08	8.10	8.10	7.97	7.98	7.99	7.98	7.97	7.99	8.03
175	8.31	8.32	8.33	8.37	8.35	8.32	8.30	8.32	8.33	8.36	8.36	8.34	8.28	8.27	8.29	8.28	8.25	8.25	8.26
180	8.41	8.44	8.44	8.46	8.41	8.41	8.40	8.42	8.45	8.47	8.44	8.44	8.44	8.42	8.45	8.44	8.43	8.39	8.40

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-28

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	1127	1127	1127	1127	1127															
5	1119	1119	1118	1118	1117															
10	1098	1097	1095	1095	1094															
15	1061	1060	1057	1057	1056															
20	1012	1010	1007	1006	1003															
25	949	947	942	941	938															
30	875	873	867	866	862															
35	795	792	785	784	780															
40	710	706	698	697	692															
45	608	602	592	589	582															
50	495	488	476	471	463															
55	380	372	359	355	348															
60	271	264	252	249	243															
65	176	171	162	161	155															
70	101	96.9	91.4	90.0	86.6															
75	47.3	45.6	42.6	41.9	40.0															
80	22.7	22.4	21.6	21.5	20.8															
85	8.11	8.08	7.71	7.99	7.80															
90	0.53	0.54	0.58	0.58	0.60															
95	0.81	0.84	0.88	0.88	0.91															
100	1.18	1.22	1.24	1.27	1.30															
105	1.61	1.64	1.68	1.70	1.72															
110	2.10	2.13	2.18	2.19	2.23															
115	2.62	2.65	2.70	2.72	2.76															
120	3.16	3.19	3.24	3.26	3.29															
125	3.70	3.74	3.78	3.80	3.84															
130	4.24	4.27	4.31	4.33	4.36															
135	4.76	4.79	4.82	4.84	4.87															
140	5.27	5.29	5.31	5.34	5.37															
145	5.74	5.78	5.82	5.81	5.84															
150	6.22	6.27	6.30	6.28	6.32															
155	6.76	6.76	6.78	6.78	6.80															
160	7.22	7.22	7.24	7.26	7.27															
165	7.65	7.66	7.66	7.66	7.68															
170	8.05	8.05	8.04	7.99	7.99															
175	8.28	8.31	8.30	8.27	8.26															
180	8.41	8.45	8.47	8.44	8.44															

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-09-28

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: