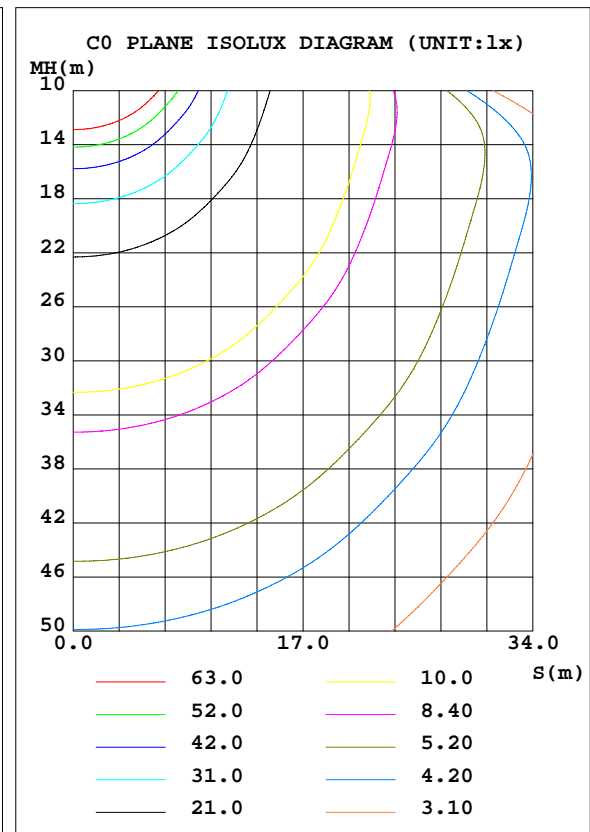
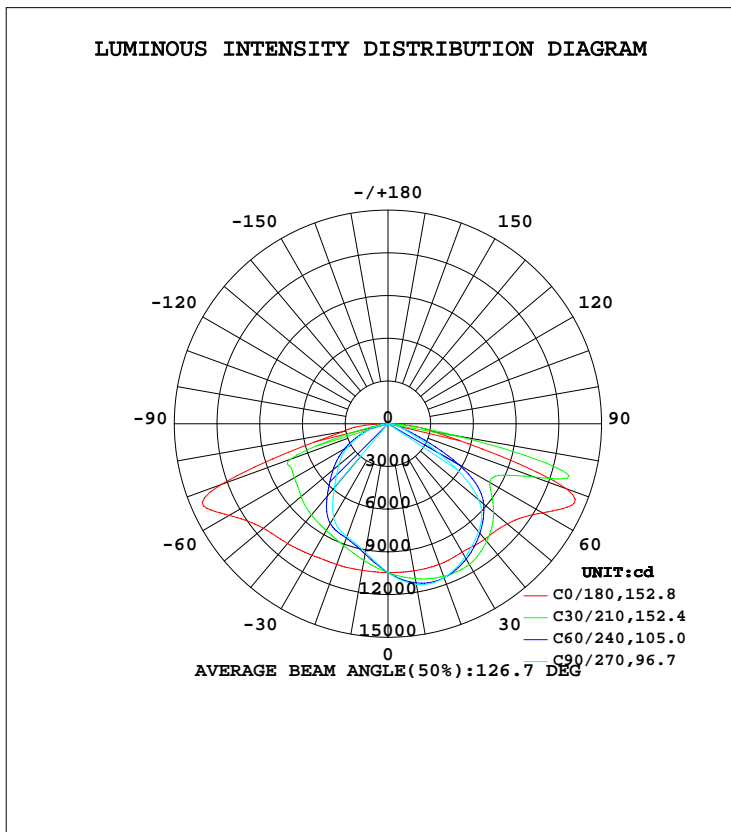


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.91 lm/W			
MODEL	ASD-LSB2-300DAC-BR	I _{max} (cd)	14229	S/MH(C0/180)	1.60
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	1.10
RATED VOLTAGE(V)	120-277	TOTAL FLUX(lm)	39339	η UP, DN(C0-180)	0.0,56.8
NOMINAL FLUX(lm)	39338.8	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,43.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1049	1122	1144	1126	1045	947.7	916.9	953.0	0- 10	993.6	993.6	2.53,2.53
20	1051	1152	1151	1171	1052	873.1	843.4	882.6	10- 20	2919	3913	9.95,9.95
30	1042	1120	1082	1150	1066	834.8	762.8	831.3	20- 30	4651	8564	21.8,21.8
40	1058	1028	988.9	1058	1098	769.0	584.9	757.3	30- 40	5966	14530	36.9,36.9
50	1094	897.6	832.7	914.0	1143	627.2	451.4	630.3	40- 50	6712	21242	54,54
60	1253	765.9	411.2	785.8	1287	431.3	326.6	441.7	50- 60	6813	28056	71.3,71.3
70	1330	379.3	130.6	453.3	1244	215.9	166.1	219.1	60- 70	6482	34538	87.8,87.8
80	331.2	78.71	49.87	94.48	328.3	64.06	58.41	64.36	70- 80	3990	38528	97.9,97.9
90	0	0	0	0	0	0	0	0	80- 90	810.5	39339	100,100
100	0	0	0	0	0	0	0	0	90-100	0	39339	100,100
110	0	0	0	0	0	0	0	0	100-110	0	39339	100,100
120	0	0	0	0	0	0	0	0	110-120	0	39339	100,100
130	0	0	0	0	0	0	0	0	120-130	0	39339	100,100
140	0	0	0	0	0	0	0	0	130-140	0	39339	100,100
150	0	0	0	0	0	0	0	0	140-150	0	39339	100,100
160	0	0	0	0	0	0	0	0	150-160	0	39339	100,100
170	0	0	0	0	0	0	0	0	160-170	0	39339	100,100
180	0	0	0	0	0	0	0	0	170-180	0	39339	100,100
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									UNIT:lm		

Conical surface Flux(90deg): 17827 lm

%lum = 45.3%

%lamp = 45.3%

Conical surface Flux(120deg): 28056 lm

%lum = 71.3%

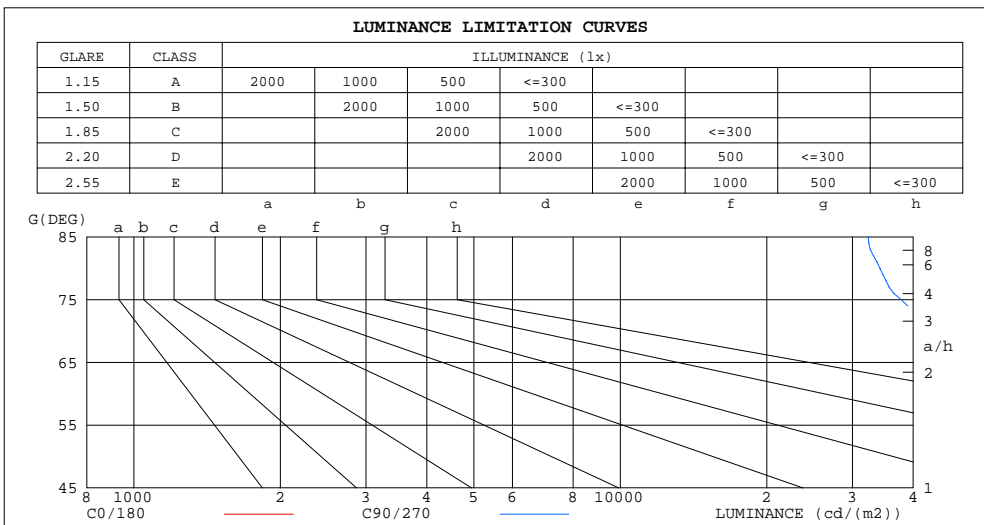
%lamp = 71.3%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	214068	32324
80	227075	34186
75	316711	37802
70	462922	45457
65	390914	63798
60	298246	97913
55	238525	134719
50	202571	154216
45	179598	156637

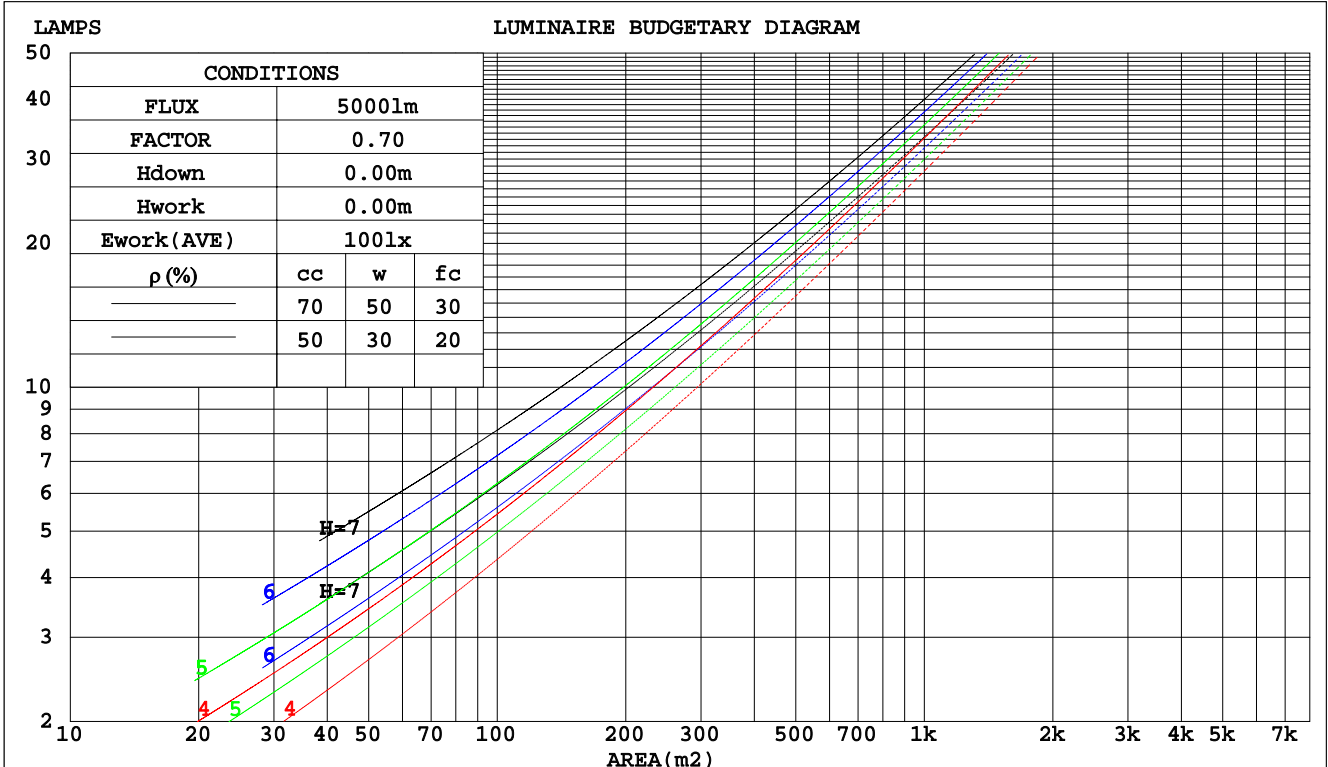
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	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	1.02	1.02	1.02	1.00
1.0	1.02	.97	.93	.90	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.83	.81
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.79	.74	.69	.75	.71	.68	.65
3.0	.76	.67	.60	.74	.66	.59	.71	.64	.58	.68	.62	.57	.66	.60	.56	.54
4.0	.66	.57	.49	.65	.56	.49	.62	.55	.48	.60	.53	.48	.58	.52	.47	.45
5.0	.59	.49	.42	.58	.48	.42	.55	.47	.41	.53	.46	.41	.51	.45	.40	.38
6.0	.52	.43	.36	.51	.42	.36	.50	.41	.35	.48	.41	.35	.46	.40	.35	.33
7.0	.47	.38	.31	.46	.38	.31	.45	.37	.31	.43	.36	.31	.42	.35	.31	.28
8.0	.43	.34	.28	.42	.34	.28	.41	.33	.27	.40	.32	.27	.38	.32	.27	.25
9.0	.39	.31	.25	.39	.30	.25	.37	.30	.25	.36	.29	.24	.35	.29	.24	.22
10.0	.36	.28	.22	.36	.28	.22	.34	.27	.22	.34	.27	.22	.33	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

WEC AND CCEC

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.341	.194	.061	.334	.191	.061	.321	.184	.059	.308	.178	.057	.297	.172	.056	
2.0	.320	.175	.054	.313	.173	.053	.301	.168	.052	.290	.163	.051	.280	.158	.050	
3.0	.293	.156	.047	.288	.154	.046	.277	.150	.046	.267	.146	.045	.258	.143	.044	
4.0	.268	.139	.041	.263	.138	.041	.254	.135	.040	.245	.132	.040	.237	.129	.039	
5.0	.246	.125	.036	.242	.124	.036	.233	.121	.036	.225	.119	.035	.218	.117	.035	
6.0	.227	.114	.033	.223	.112	.032	.215	.110	.032	.208	.108	.032	.202	.106	.032	
7.0	.210	.104	.029	.206	.103	.029	.200	.101	.029	.193	.099	.029	.187	.097	.029	
8.0	.195	.095	.027	.192	.094	.027	.186	.093	.027	.180	.091	.026	.175	.090	.026	
9.0	.182	.088	.025	.179	.087	.024	.174	.086	.024	.169	.085	.024	.164	.083	.024	
10.0	.170	.082	.023	.168	.081	.023	.163	.080	.022	.158	.079	.022	.154	.078	.022	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.182	.156	.132	.156	.134	.113	.107	.092	.078	.061	.053	.046	.020	.017	.015	
2.0	.176	.132	.095	.151	.113	.082	.103	.078	.057	.060	.046	.033	.019	.015	.011	
3.0	.169	.114	.071	.145	.099	.062	.099	.069	.043	.057	.040	.025	.018	.013	.008	
4.0	.162	.101	.055	.139	.088	.048	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.154	.091	.045	.132	.079	.039	.091	.055	.028	.053	.032	.016	.017	.011	.005	
6.0	.147	.083	.037	.126	.072	.032	.087	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.140	.076	.032	.120	.066	.028	.083	.046	.020	.048	.027	.012	.016	.009	.004	
8.0	.133	.070	.028	.114	.061	.024	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.126	.065	.024	.109	.057	.021	.075	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.120	.061	.022	.104	.053	.019	.072	.037	.013	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm										
NAME: LED AREA LIGHT					TYPE: LED			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	32.9	34.7	33.3	35.0	35.3	28.6	30.3	29.0	30.7	31.0
3H	37.7	39.3	38.1	39.6	40.0	28.9	30.5	29.3	30.8	31.2
4H	38.6	40.1	39.0	40.4	40.8	29.0	30.5	29.4	30.8	31.2
6H	38.9	40.3	39.3	40.6	41.0	29.1	30.5	29.5	30.8	31.2
8H	39.0	40.3	39.4	40.7	41.1	29.1	30.4	29.5	30.8	31.2
12H	39.1	40.4	39.5	40.8	41.2	29.1	30.4	29.5	30.8	31.2
4H 2H	33.3	34.8	33.7	35.1	35.5	30.2	31.7	30.6	32.0	32.4
3H	38.6	39.9	39.0	40.3	40.7	30.5	31.7	30.9	32.1	32.5
4H	40.0	41.1	40.4	41.6	42.0	30.5	31.7	31.0	32.1	32.6
6H	40.4	41.4	40.8	41.9	42.3	30.6	31.7	31.1	32.1	32.6
8H	40.6	41.5	41.0	41.9	42.4	30.7	31.6	31.1	32.1	32.5
12H	40.7	41.6	41.2	42.0	42.5	30.7	31.6	31.2	32.0	32.5
8H 4H	40.1	41.0	40.6	41.5	42.0	32.9	33.8	33.3	34.3	34.7
6H	40.7	41.5	41.2	42.0	42.5	32.9	33.7	33.4	34.2	34.7
8H	41.0	41.7	41.5	42.2	42.7	33.0	33.7	33.5	34.2	34.7
12H	41.2	41.8	41.7	42.3	42.9	33.0	33.6	33.5	34.1	34.7
12H 4H	40.1	40.9	40.6	41.4	41.9	33.2	34.1	33.7	34.6	35.0
6H	40.7	41.4	41.2	41.9	42.4	33.3	34.0	33.8	34.5	35.0
8H	41.0	41.6	41.5	42.1	42.6	33.3	34.0	33.8	34.5	35.0
CIE190: 2010										

CIE190: 2010
Area: 0.084 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 08 August 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.6%
Test Distance: 2.500m [K=1.0465]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

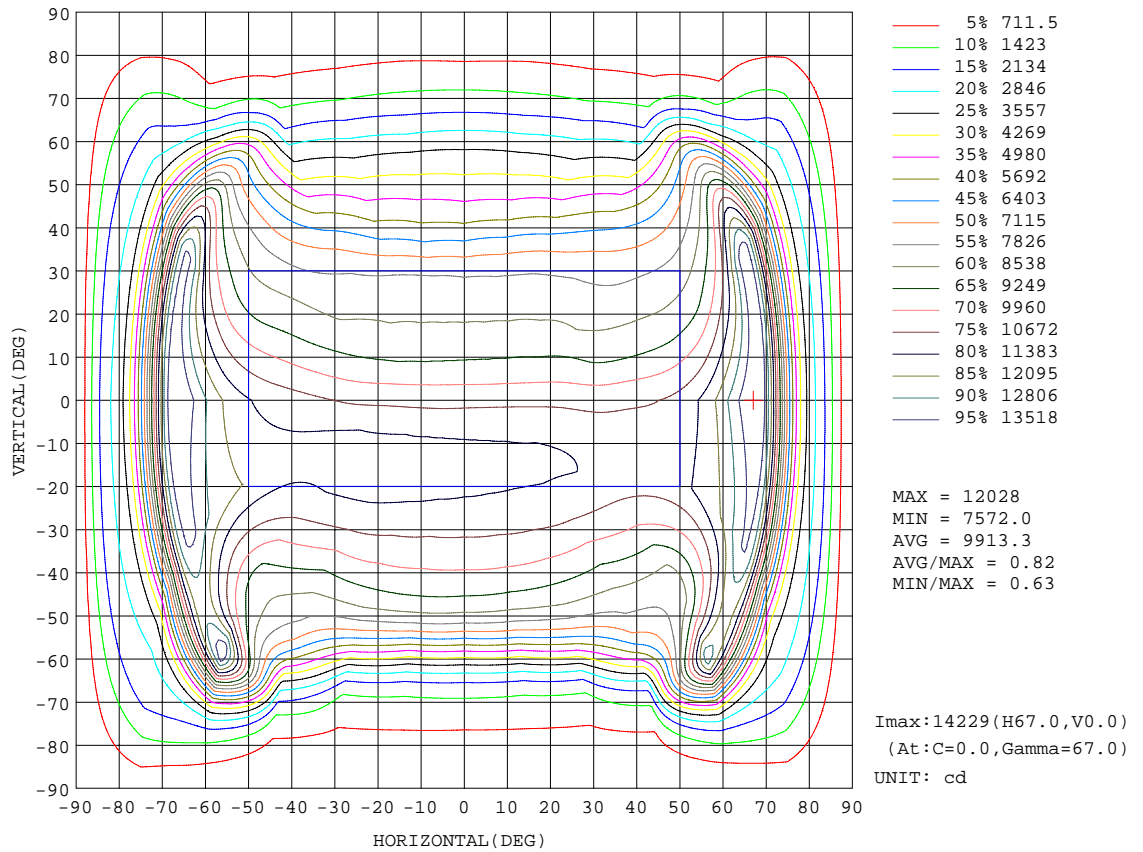
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	34	53	41	34	51	40	33	27
0.80	63	51	43	62	50	43	60	49	42	35
1.00	72	60	51	70	59	51	68	61	51	43
1.25	79	67	60	77	67	59	75	65	58	50
1.50	84	73	66	83	72	65	79	71	64	56
2.00	92	82	75	90	81	74	86	79	73	64
2.50	96	88	81	94	86	80	90	84	78	69
3.00	100	92	86	98	91	85	94	88	83	74
4.00	105	98	93	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	97	93	84
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: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



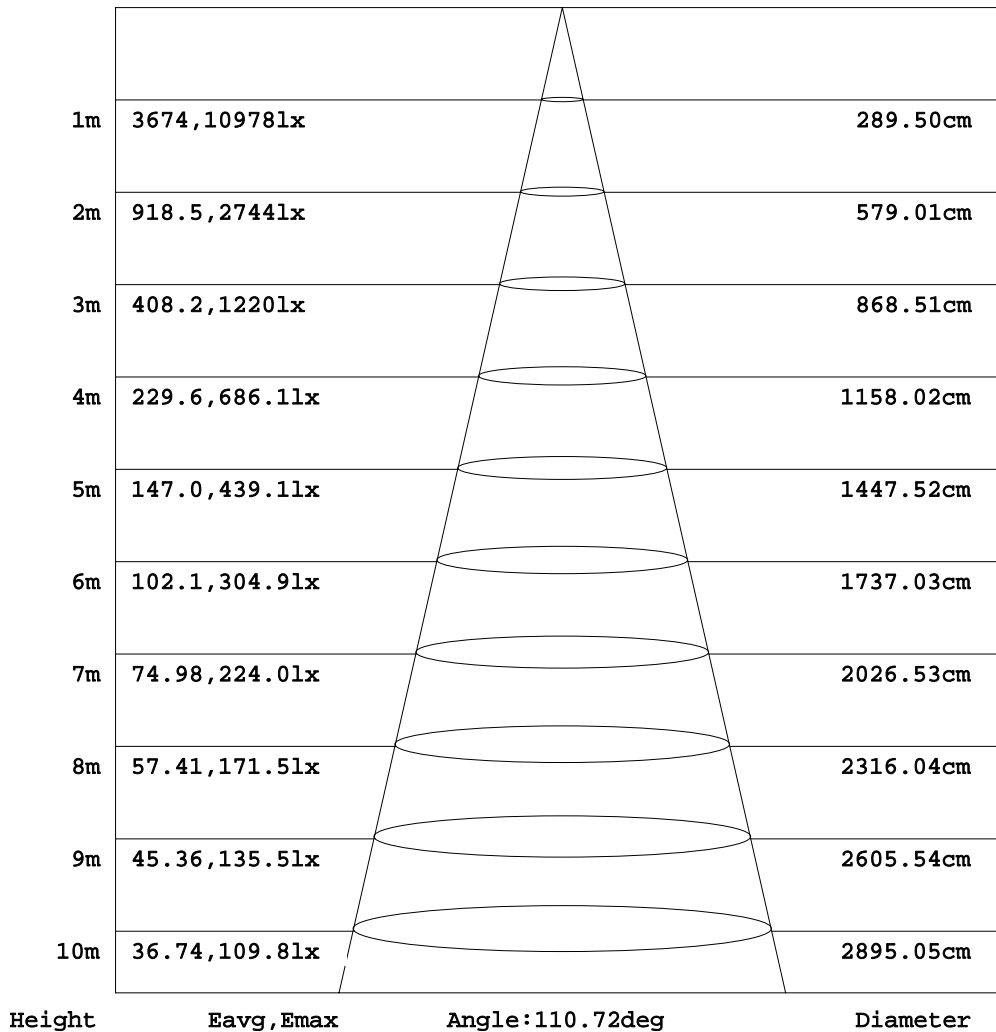
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

AAI Figure

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:25369 lm



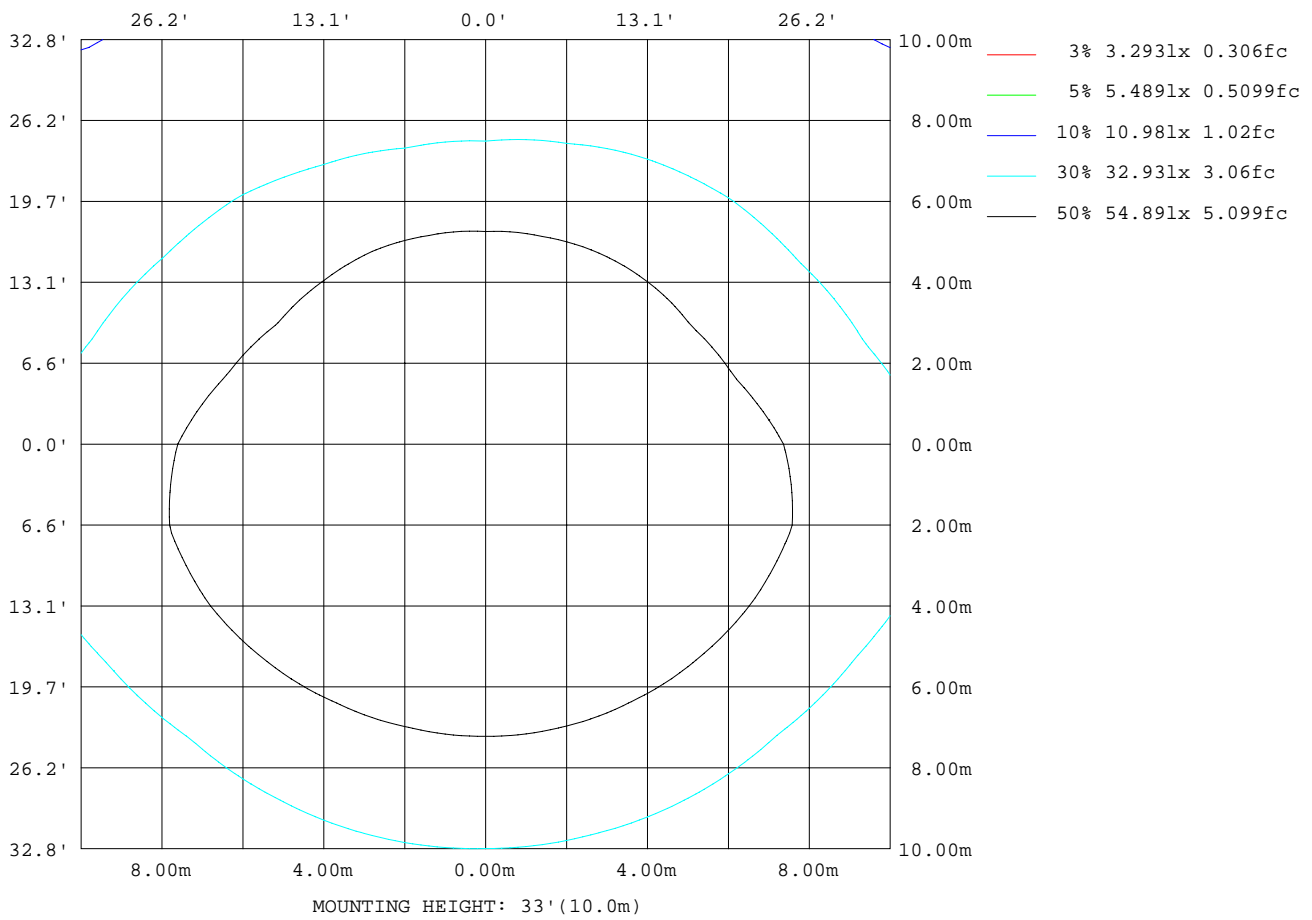
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators:Alan Wang
 Test Date:08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance:2.500m [K=1.0465]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

LED Avg.L Report

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

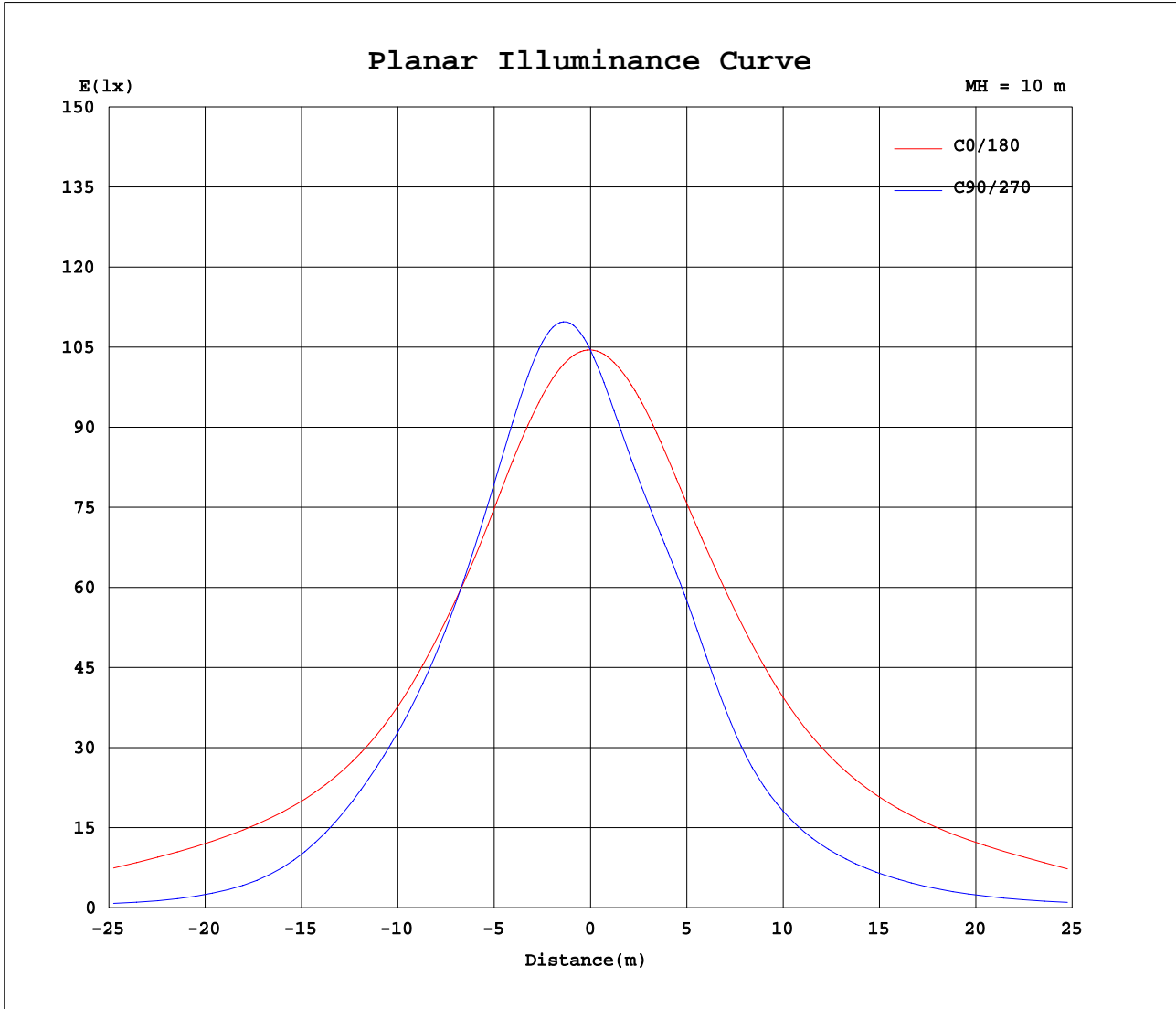
AvgL	cd/m2
L_0~180(65)av	393253
L_0~180(75)av	301559
L_0~180(85)av	241024
L_90~270(65)av	66138
L_90~270(75)av	44511
L_90~270(85)av	25082
L_45(65)av	140564
L_45(75)av	74692
L_45(85)av	38846

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Alan Wang
Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
Humidity: 40.6%
Test Distance: 2.500m [K=1.0465]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Alan Wang
 Test Date: 08 August 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.416
 Humidity: 40.6%
 Test Distance: 2.500m [K=1.0465]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:2.5479A P:305.17W PF:0.9981 Freq:60.00Hz Lamp Flux:39338.8x1 lm		
NAME: LED AREA LIGHT	TYPE: LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1045	1045	1045	1045	1045	1044	1044	1044	1044	1043	1043	1043	1045	1045	1045	1045	1045	1044	1044
5	1047	1063	1077	1088	1097	1102	1103	1101	1096	1087	1075	1059	1044	1027	1010	996	986	979	977
10	1049	1079	1104	1122	1134	1141	1144	1144	1138	1126	1106	1078	1045	1009	975	948	929	919	917
15	1051	1094	1126	1144	1154	1158	1161	1163	1163	1155	1135	1098	1049	992	940	904	884	874	873
20	1051	1107	1140	1152	1151	1150	1151	1157	1166	1171	1160	1119	1052	974	910	873	856	847	843
25	1047	1116	1146	1143	1130	1122	1122	1130	1148	1170	1175	1138	1056	959	885	852	838	824	816
30	1042	1122	1141	1120	1098	1085	1082	1090	1113	1150	1177	1154	1066	950	867	835	810	778	763
35	1048	1126	1116	1083	1055	1042	1037	1043	1068	1113	1157	1163	1082	945	851	810	751	693	677
40	1058	1127	1077	1028	1004	992	989	996	1017	1058	1123	1168	1098	943	836	769	664	600	585
45	1067	1125	1031	963	946	931	930	943	960	989	1077	1178	1114	940	819	708	578	530	512
50	1094	1126	969	898	878	842	833	858	892	914	1019	1194	1143	935	797	627	503	466	451
55	1149	1136	892	833	770	680	649	688	783	846	952	1214	1195	946	773	533	432	404	396
60	1253	1173	825	766	576	441	411	442	590	786	905	1250	1287	1007	760	431	353	329	327
65	1388	1247	860	641	325	238	226	242	336	684	950	1324	1404	1182	747	333	267	244	243
70	1330	1352	1095	379	153	129	131	133	160	453	1205	1299	1244	1321	729	216	179	166	166
75	689	774	1265	169	88.9	83.1	82.2	85.3	92.7	228	1269	645	623	641	325	125	104	113	111
80	331	341	493	78.7	53.7	50.7	49.9	51.9	55.9	94.5	463	299	328	285	98.7	64.1	60.1	62.1	58.4
85	157	203	134	31.5	23.9	23.2	23.7	24.1	25.4	35.8	131	214	196	138	32.4	23.3	20.3	14.7	13.1
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
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SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1044	1044	1043	1043	1043														
5	980	987	997	1011	1027														
10	922	934	953	980	1012														
15	878	891	914	950	997														
20	847	859	883	922	980														
25	820	834	855	892	958														
30	777	806	831	857	929														
35	707	762	801	824	906														
40	617	687	757	804	896														
45	534	596	702	789	889														
50	465	507	630	768	886														
55	404	427	542	741	902														
60	330	348	442	726	968														
65	244	263	338	747	1136														
70	164	177	219	786	1386														
75	110	101	128	392	703														
80	61.5	60.3	64.4	108	311														
85	20.1	20.9	23.2	33.9	140														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

C Range: 0 - 360DEG
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