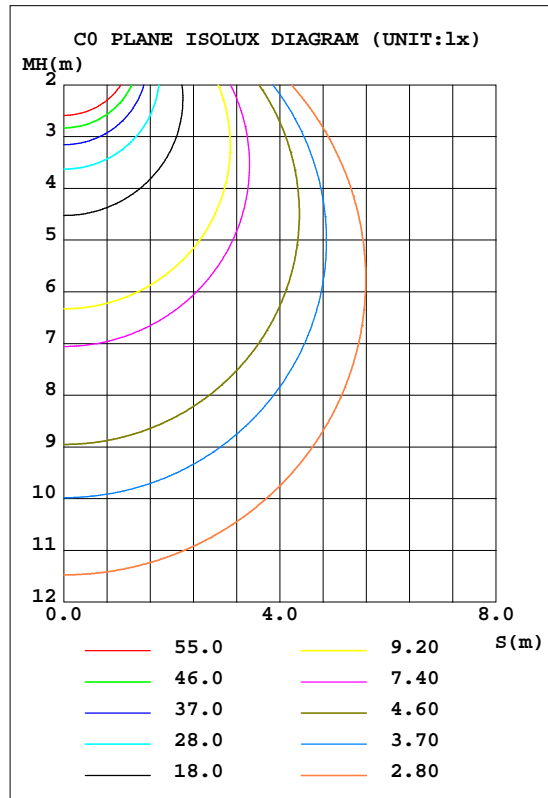
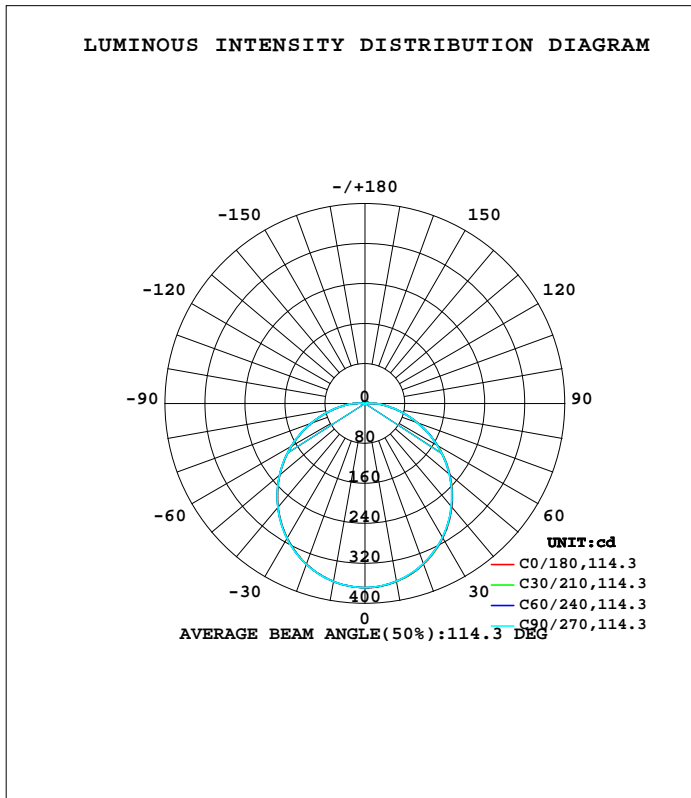


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 74.83 lm/W			
AMODEDS-6N15CC-MS-WH(2700K)		I <sub>max</sub> (cd)	368.5	S/MH(C0/180)	1.26
NOMINAL POWER(W)	15	LOR(%)	103.1	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1128.8	h UP, DN(C0-180)	1.1,50.2
NOMINAL FLUX(lm)	1095	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.1,50.7
LAMPS INSIDE	1	h up(%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	100.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

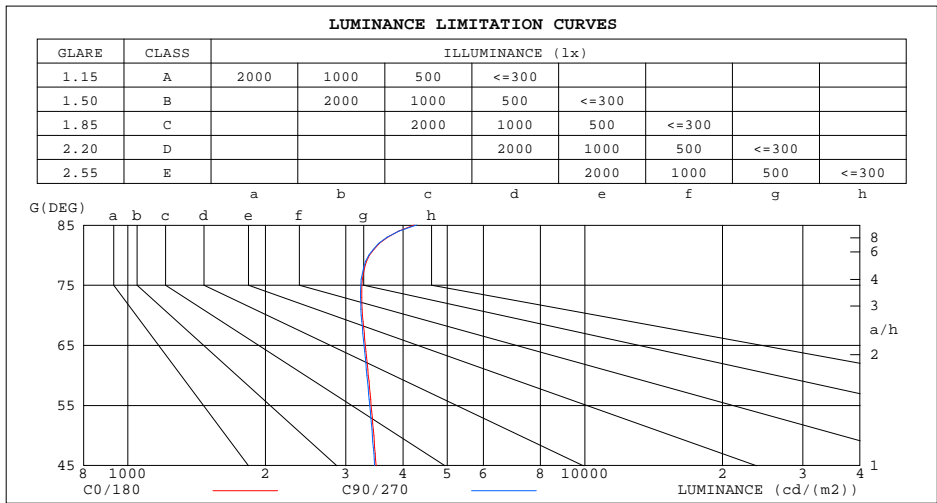
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	361.9	361.4	361.0	361.2	361.7	361.8	361.8	362.0	0- 10	34.84	34.84	3.09,3.18
20	342.3	341.7	341.0	341.3	342.3	342.3	342.8	342.8	10- 20	99.72	134.6	11.9,12.3
30	311.2	310.5	309.7	310.0	311.2	311.4	312.1	311.9	20- 30	151.1	285.7	25.3,26.1
40	270.4	269.7	268.8	269.4	270.6	270.9	271.5	271.2	30- 40	182.5	468.2	41.5,42.8
50	222.0	221.3	220.4	221.2	222.5	222.9	223.5	222.9	40- 50	190.6	658.7	58.4,60.2
60	168.0	167.6	166.7	167.7	169.0	169.4	170.0	169.2	50- 60	175.0	833.7	73.9,76.1
70	111.6	111.3	110.9	111.7	112.8	113.4	113.9	112.8	60- 70	139.0	972.8	86.2,88.8
80	58.72	58.74	58.51	59.19	59.99	60.55	61.40	59.90	70- 80	90.05	1063	94.2,97.1
90	20.45	20.48	20.47	21.51	21.28	20.17	21.86	21.11	80- 90	42.22	1105	97.9,101
100	3.426	0.9024	1.375	0.9658	1.031	0.8711	1.393	1.006	90-100	9.319	1114	98.7,102
110	2.634	2.096	1.650	1.804	2.128	1.886	1.271	1.676	100-110	1.535	1116	98.9,102
120	4.368	2.727	2.292	2.452	3.748	3.258	2.103	2.984	110-120	2.460	1118	99.1,102
130	5.037	2.426	2.756	2.305	4.838	2.020	4.048	2.848	120-130	3.176	1122	99.4,102
140	3.821	3.671	2.608	3.347	2.823	3.903	3.582	2.943	130-140	2.902	1124	99.6,103
150	3.492	2.357	2.947	2.357	3.984	2.419	2.795	2.419	140-150	1.805	1126	99.8,103
160	3.461	2.843	2.812	3.322	3.404	2.578	2.585	3.103	150-160	1.303	1128	99.9,103
170	3.636	2.833	3.443	2.807	3.117	3.093	3.174	3.024	160-170	0.9984	1129	100,103
180	2.934	2.941	2.915	2.947	2.941	2.941	2.922	2.953	170-180	0.2832	1129	100,103
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4238	4284
80	3381	3369
75	3253	3236
70	3263	3242
65	3310	3287
60	3360	3335
55	3408	3384
50	3454	3429
45	3494	3470

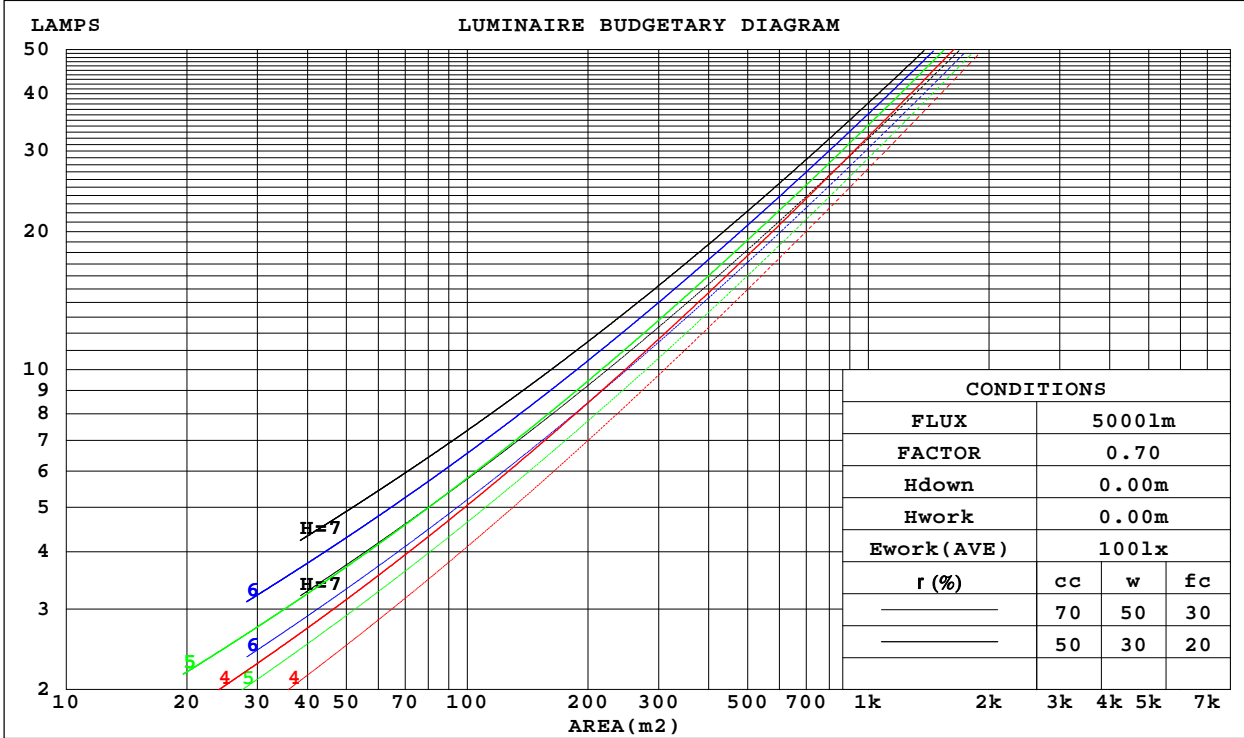
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1728]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	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	1.22	1.22	1.22	1.19	1.19	1.19	1.13	1.13	1.13	1.08	1.08	1.08	1.03	1.03	1.03	1.01
1.0	1.05	1.00	.96	1.03	.98	.94	.98	.94	.91	.93	.90	.88	.89	.87	.85	.82
2.0	.91	.84	.77	.89	.82	.76	.85	.79	.74	.81	.76	.72	.78	.74	.70	.68
3.0	.80	.71	.64	.78	.70	.63	.75	.68	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.69	.60	.53	.66	.58	.52	.63	.57	.52	.61	.55	.51	.48
5.0	.63	.53	.46	.62	.53	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.57	.47	.40	.55	.47	.40	.53	.45	.40	.51	.44	.39	.50	.43	.38	.36
7.0	.51	.42	.36	.50	.42	.35	.48	.41	.35	.47	.40	.34	.45	.39	.34	.32
8.0	.47	.38	.32	.46	.37	.31	.44	.37	.31	.43	.36	.31	.41	.35	.30	.28
9.0	.43	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.27	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.25	.37	.30	.25	.36	.29	.25	.23



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

WEC AND CCEC

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG 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	.345	.196	.062	.337	.192	.061	.322	.185	.059	.308	.178	.057	.296	.171	.055	
2.0	.316	.173	.053	.308	.170	.052	.295	.164	.051	.283	.159	.050	.271	.154	.048	
3.0	.288	.153	.046	.282	.151	.045	.270	.146	.044	.259	.142	.044	.249	.138	.043	
4.0	.264	.137	.040	.258	.135	.040	.248	.131	.039	.238	.128	.039	.229	.124	.038	
5.0	.242	.124	.036	.237	.122	.036	.228	.119	.035	.219	.116	.034	.211	.113	.034	
6.0	.224	.112	.032	.219	.111	.032	.211	.108	.031	.203	.106	.031	.196	.103	.031	
7.0	.208	.103	.029	.204	.102	.029	.196	.099	.029	.189	.097	.028	.183	.095	.028	
8.0	.194	.095	.027	.190	.094	.026	.183	.092	.026	.177	.090	.026	.171	.088	.026	
9.0	.181	.088	.024	.178	.087	.024	.172	.085	.024	.166	.083	.024	.161	.082	.024	
10.0	.170	.082	.023	.167	.081	.023	.162	.079	.022	.156	.078	.022	.151	.076	.022	

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	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.204	.177	.153	.175	.152	.132	.120	.105	.091	.069	.061	.053	.022	.020	.017	
2.0	.196	.153	.116	.168	.131	.100	.115	.091	.070	.066	.053	.041	.021	.017	.013	
3.0	.188	.135	.092	.161	.116	.080	.111	.081	.056	.064	.047	.033	.021	.015	.011	
4.0	.180	.121	.076	.155	.105	.066	.106	.073	.047	.062	.043	.028	.020	.014	.009	
5.0	.172	.111	.065	.148	.096	.056	.102	.067	.040	.059	.039	.024	.019	.013	.008	
6.0	.165	.102	.057	.142	.088	.050	.098	.062	.035	.057	.036	.021	.018	.012	.007	
7.0	.158	.095	.051	.136	.082	.044	.094	.058	.031	.054	.034	.019	.018	.011	.006	
8.0	.151	.089	.046	.130	.077	.040	.090	.054	.029	.052	.032	.017	.017	.010	.006	
9.0	.145	.084	.043	.125	.073	.037	.086	.051	.027	.050	.030	.016	.016	.010	.005	
10.0	.139	.080	.040	.120	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD LIGHTNG 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	16.2	17.8	16.6	18.2	18.6	16.2	17.8	16.6	18.2	18.5
3H	18.2	19.7	18.6	20.0	20.5	18.2	19.6	18.6	20.0	20.4
4H	19.0	20.4	19.4	20.8	21.2	19.0	20.4	19.4	20.8	21.2
6H	19.7	21.0	20.2	21.4	21.9	19.7	21.0	20.2	21.4	21.9
8H	20.1	21.3	20.5	21.7	22.2	20.0	21.3	20.5	21.7	22.1
12H	20.4	21.5	20.8	22.0	22.5	20.3	21.5	20.8	21.9	22.4
4H 2H	16.9	18.3	17.3	18.7	19.1	16.9	18.2	17.3	18.6	19.1
3H	19.1	20.3	19.5	20.7	21.2	19.1	20.3	19.5	20.7	21.1
4H	20.1	21.1	20.5	21.6	22.1	20.1	21.1	20.5	21.6	22.1
6H	21.0	21.9	21.4	22.4	22.9	20.9	21.9	21.4	22.4	22.9
8H	21.3	22.2	21.8	22.7	23.2	21.3	22.2	21.8	22.7	23.2
12H	21.7	22.5	22.2	23.1	23.6	21.7	22.5	22.2	23.0	23.6
8H 4H	20.5	21.4	21.0	21.8	22.3	20.5	21.3	20.9	21.8	22.3
6H	21.5	22.3	22.0	22.8	23.3	21.5	22.3	22.0	22.8	23.3
8H	22.0	22.7	22.6	23.2	23.8	22.0	22.7	22.6	23.2	23.8
12H	22.6	23.2	23.1	23.7	24.3	22.6	23.2	23.1	23.7	24.3
12H 4H	20.5	21.3	21.0	21.8	22.4	20.5	21.3	21.0	21.8	22.4
6H	21.7	22.3	22.2	22.8	23.4	21.6	22.3	22.2	22.8	23.4
8H	22.2	22.8	22.8	23.4	24.0	22.2	22.8	22.8	23.4	24.0
CIE190: 2010										

CIE190: 2010  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-03-11

g Range: 0 - 180DEG  
g Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity:65.0%  
Test Distance:8.100m [K=1.1728]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

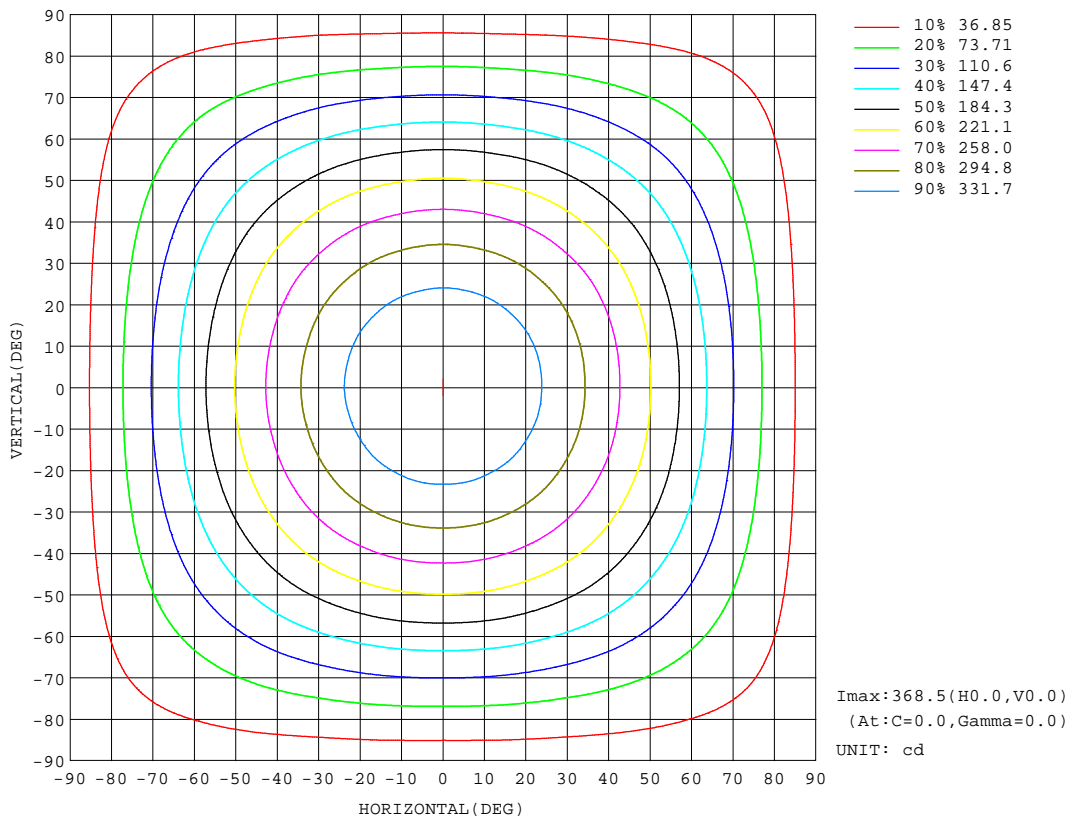
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	57	45	38	55	44	38	31
0.80	68	55	47	66	55	47	64	54	47	39
1.00	76	64	56	75	64	56	72	65	55	48
1.25	83	72	64	82	71	64	79	70	63	55
1.50	88	78	70	87	77	70	83	75	68	60
2.00	96	86	79	94	85	78	90	82	77	68
2.50	100	91	85	98	90	83	93	87	81	72
3.00	103	96	90	101	94	88	96	91	86	76
4.00	108	101	96	105	99	94	100	95	91	81
5.00	110	105	100	108	103	98	102	99	95	85
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: 2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1728]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



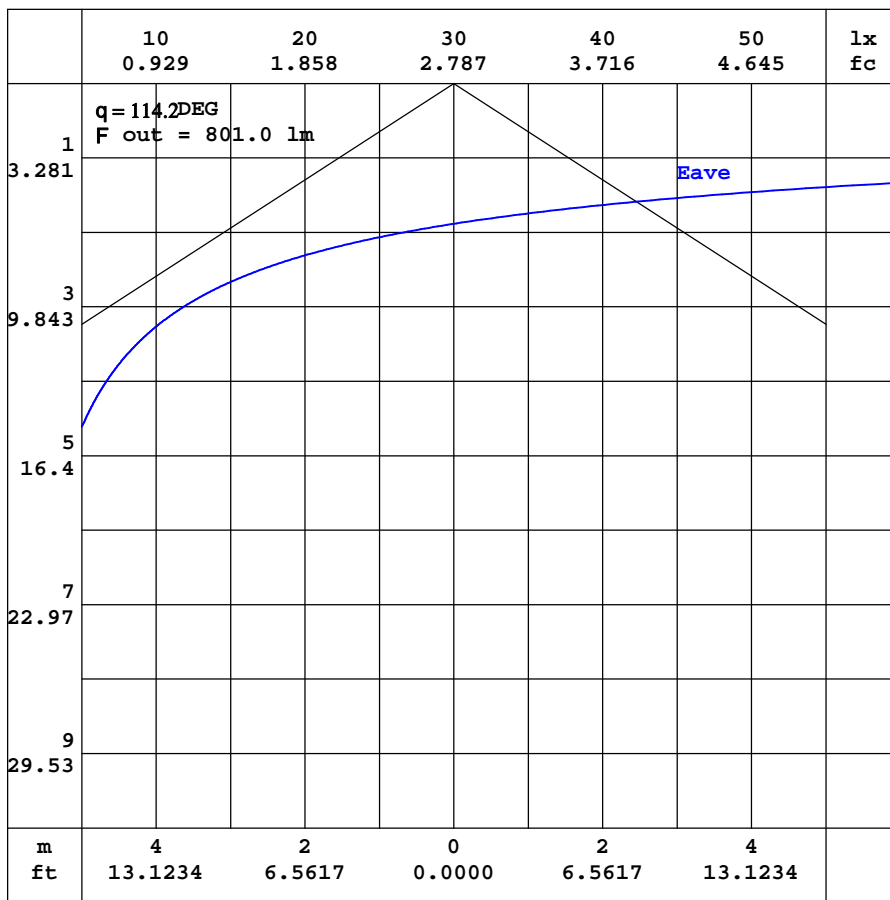
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:



AAI CURVES

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



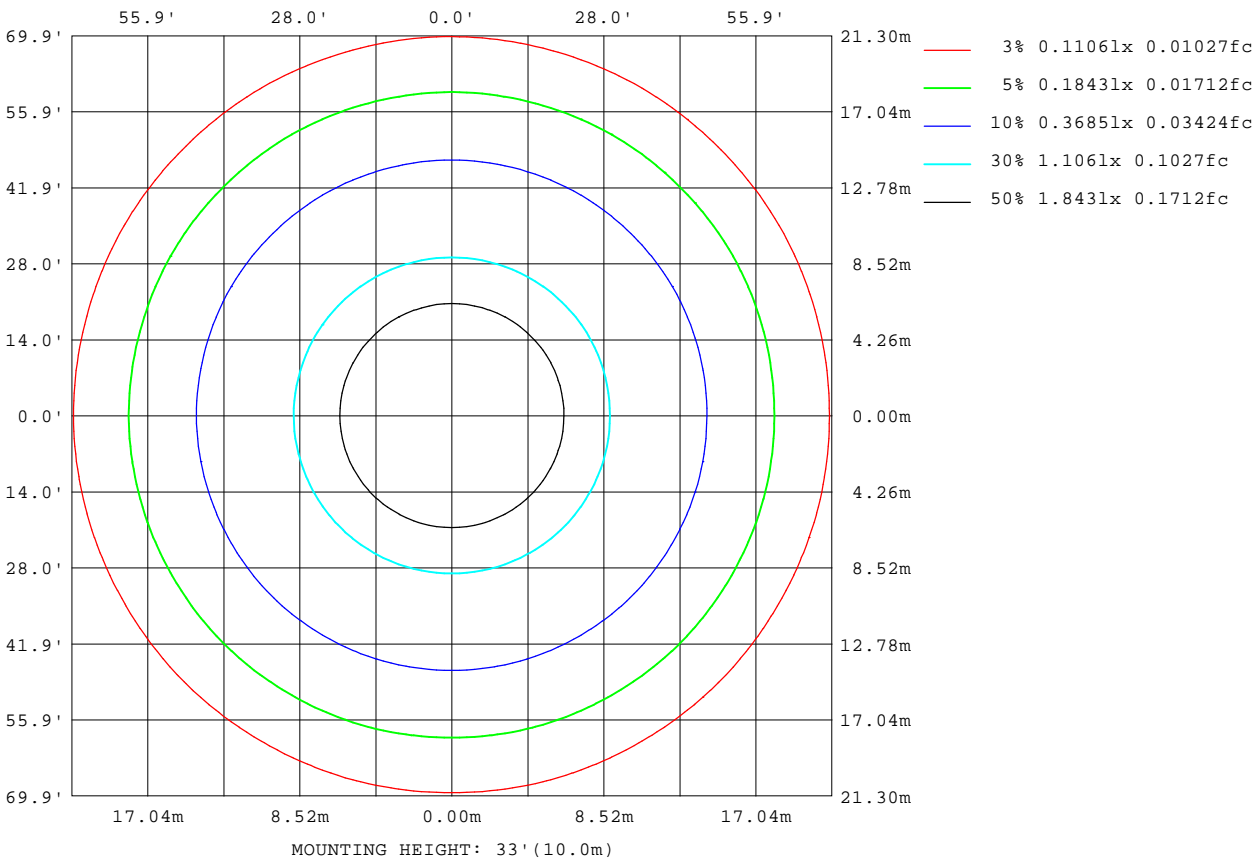
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1728]  
 Remarks:

LED Avg.L Report

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

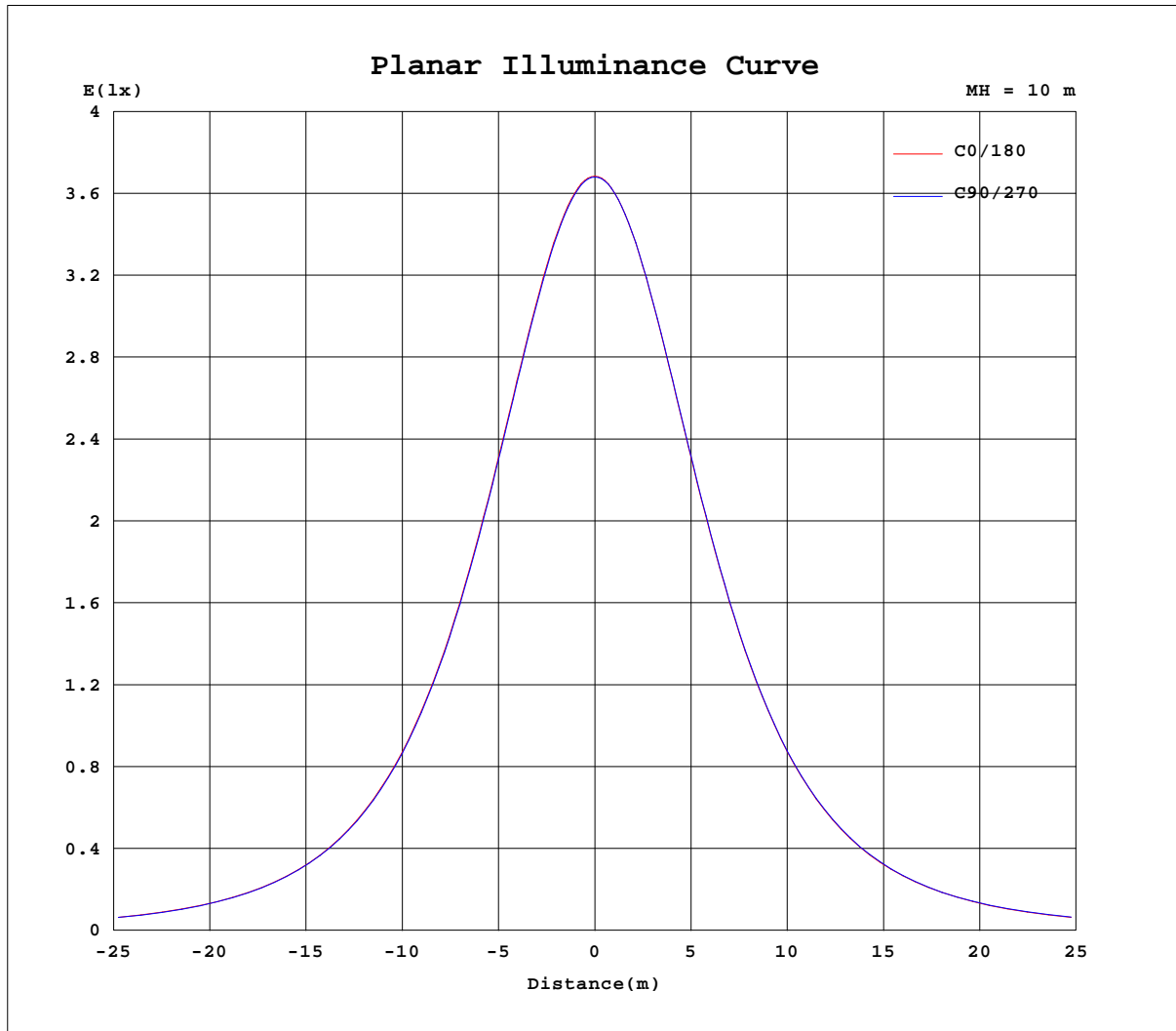
AvgL	cd/m2
L_0~180(65)av	3323
L_0~180(75)av	3278
L_0~180(85)av	4299
L_90~270(65)av	3324
L_90~270(75)av	3291
L_90~270(85)av	4380
L_45(65)av	3323
L_45(75)av	3282
L_45(85)av	4355

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity: 65.0%  
 Test Distance: 8.100m [K=1.1728]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG 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	369	368	368	368	368	368	368	368	368	368	368	368	369	368	368	368	368	368	368
5	367	367	366	367	366	366	366	366	366	366	366	367	367	367	367	367	367	367	367
10	362	362	361	361	361	361	361	361	361	361	361	361	362	362	362	362	362	362	362
15	354	354	353	353	353	353	352	353	353	353	353	353	354	353	354	354	354	354	354
20	342	342	342	342	341	341	341	341	341	341	341	342	342	342	342	342	343	342	343
25	328	328	327	327	327	327	327	327	327	327	327	327	328	328	328	328	329	328	329
30	311	311	311	310	310	310	310	310	310	310	310	310	311	311	312	311	312	312	312
35	292	292	291	291	291	291	290	291	290	291	291	291	292	292	292	292	293	293	293
40	270	270	270	270	269	269	269	269	269	269	269	270	271	270	271	271	271	271	272
45	247	247	246	246	246	246	245	246	246	246	246	246	247	247	248	248	248	248	248
50	222	222	221	221	221	221	220	221	221	221	221	222	223	222	223	223	223	223	224
55	195	196	195	195	194	195	194	195	194	195	195	195	196	196	197	197	197	197	197
60	168	168	167	168	167	167	167	167	167	168	167	168	169	169	170	169	170	170	170
65	140	140	139	139	139	139	139	139	139	140	139	140	141	141	142	142	142	142	142
70	112	112	111	111	111	111	111	111	111	112	111	112	113	113	114	113	114	114	114
75	84.2	84.3	83.7	84.0	83.7	84.1	83.8	84.3	84.0	84.4	84.2	84.8	85.5	85.4	86.3	86.0	86.7	86.2	86.6
80	58.7	58.9	58.4	58.7	58.4	58.8	58.5	59.0	58.8	59.2	58.9	59.4	60.0	60.0	60.7	60.5	61.2	61.0	61.4
85	36.9	37.2	36.7	37.0	37.0	37.6	37.3	37.7	37.3	37.6	37.3	37.8	38.0	38.1	38.7	38.9	39.4	38.9	39.0
90	20.5	20.5	20.2	20.5	20.2	20.5	20.5	21.2	21.2	21.5	21.0	21.1	21.3	21.3	21.7	20.2	21.9	21.7	21.9
95	9.69	8.77	7.39	3.40	3.99	6.67	7.04	7.05	4.94	0.83	6.69	6.95	10.0	8.21	8.03	1.68	7.27	8.50	9.06
100	3.43	2.85	0.98	0.90	1.66	2.16	1.37	2.25	2.00	0.97	0.98	1.04	1.03	0.96	0.85	0.87	2.79	2.30	1.39
105	1.96	1.81	1.61	1.27	1.10	1.19	1.21	1.32	1.36	1.40	1.40	1.54	1.51	1.63	1.43	1.18	1.06	1.01	0.94
110	2.63	2.74	2.22	2.10	1.60	1.59	1.65	1.77	1.83	1.80	1.79	2.12	2.13	2.21	1.77	1.89	1.58	1.31	1.27
115	3.52	3.32	2.76	2.48	2.04	2.09	2.04	2.14	2.18	2.16	2.23	2.49	2.88	3.17	3.15	2.51	2.14	1.96	1.74
120	4.37	4.35	3.96	2.73	2.38	2.34	2.29	2.43	2.43	2.45	2.58	3.21	3.75	4.15	4.06	3.26	2.60	2.29	2.10
125	5.04	4.80	4.88	3.01	2.94	2.56	2.56	2.72	2.37	2.52	3.14	4.36	4.35	4.63	4.66	4.55	3.74	3.04	2.78
130	5.04	4.76	4.69	2.43	3.46	3.45	2.76	2.75	2.31	2.31	3.51	4.78	4.84	4.69	5.12	2.02	4.79	4.43	4.05
135	4.57	4.45	3.63	2.61	3.82	4.12	3.78	3.66	3.82	2.83	2.81	4.48	4.70	4.41	3.89	2.24	5.25	4.82	4.69
140	3.82	3.57	2.74	3.67	3.47	3.07	2.61	2.38	3.18	3.35	2.26	2.59	2.82	2.59	2.29	3.90	3.82	4.62	3.58
145	2.49	2.64	3.09	2.56	3.36	3.76	2.27	2.38	2.50	2.29	2.91	2.87	2.61	2.89	3.19	2.38	3.44	4.21	2.30
150	3.49	3.99	2.80	2.36	2.39	2.64	2.95	2.37	2.68	2.36	2.50	3.36	3.98	3.64	2.56	2.42	2.52	2.32	2.79
155	2.51	2.85	2.79	2.49	2.63	3.20	2.52	3.02	3.57	2.48	2.68	2.49	2.41	2.65	2.83	2.43	2.83	2.76	2.45
160	3.46	2.95	2.88	2.84	3.69	3.41	2.81	3.42	4.28	3.32	3.00	3.50	3.40	2.66	2.85	2.58	3.02	2.86	2.59
165	4.35	4.69	3.43	4.09	3.98	4.12	3.57	3.39	3.64	2.74	3.37	4.91	4.31	3.33	3.38	4.34	3.31	2.83	3.32
170	3.64	3.50	3.33	2.83	3.05	3.38	3.44	3.46	3.07	2.81	2.94	3.11	3.12	2.88	2.99	3.09	3.24	2.90	3.17
175	2.90	2.89	2.90	2.92	2.92	2.90	2.90	2.89	2.88	2.90	2.91	2.88	2.87	2.88	2.89	2.88	2.88	2.86	2.86
180	2.93	2.93	2.93	2.94	2.94	2.92	2.92	2.92	2.93	2.95	2.94	2.93	2.94	2.94	2.93	2.94	2.93	2.93	2.92

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.18V I:0.1364A P:15.085W PF:0.9205 Freq:59.98Hz Lamp Flux:1095x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345														
0	368	368	368	368	368														
5	367	367	367	367	367														
10	362	362	362	362	362														
15	354	354	354	354	354														
20	343	343	343	343	343														
25	329	329	329	329	329														
30	312	312	312	312	312														
35	293	293	293	293	293														
40	271	272	271	272	271														
45	248	248	248	248	248														
50	223	223	223	223	223														
55	197	197	197	197	196														
60	169	170	169	170	169														
65	141	142	141	141	141														
70	113	113	113	113	112														
75	85.9	86.1	85.3	85.7	84.9														
80	60.7	60.7	59.9	60.1	59.4														
85	38.5	38.7	38.3	38.2	37.5														
90	21.4	21.5	21.1	21.2	20.8														
95	8.39	7.17	3.40	8.67	8.73														
100	2.08	2.72	1.01	0.84	2.25														
105	0.99	1.01	1.22	1.34	1.97														
110	1.36	1.50	1.68	2.07	2.41														
115	1.81	2.08	2.59	3.02	3.46														
120	2.29	2.66	2.98	3.40	4.32														
125	3.18	3.33	3.17	3.65	5.64														
130	4.07	3.54	2.85	3.70	5.00														
135	3.94	4.41	2.72	3.56	4.60														
140	2.85	3.68	2.94	2.54	3.52														
145	2.41	2.37	2.61	2.83	2.42														
150	2.38	2.50	2.42	2.89	3.36														
155	2.92	2.73	2.44	2.70	2.74														
160	3.61	4.30	3.10	2.85	3.20														
165	3.82	4.77	3.12	2.69	4.08														
170	3.56	3.50	3.02	2.96	3.28														
175	2.89	2.90	2.90	2.89	2.89														
180	2.91	2.94	2.95	2.95	2.93														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-11

g Range: 0 - 180DEG  
 g Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.1728]  
 Remarks: