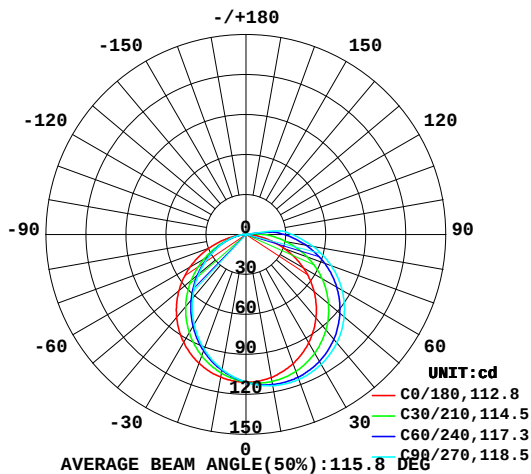


LUMINAIRE PHOTOMETRIC TEST REPORT

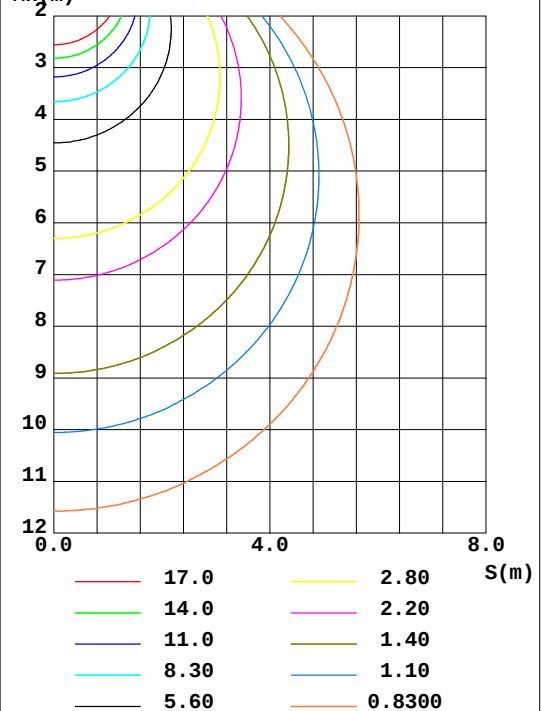
Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 70.52 lm/W			
MODEL	ASD-UCB-12D5CC-WH	I _{max} (cd)	116.1	S/MH(C0/180)	1.38
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	354.66	h UP, DN(C0-180)	2.0,61.3
NOMINAL FLUX(lm)	354.66	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2,36.4
LAMPS INSIDE	1	h up(%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.8	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LiuLiwen
 Test Date: 2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 3.010m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

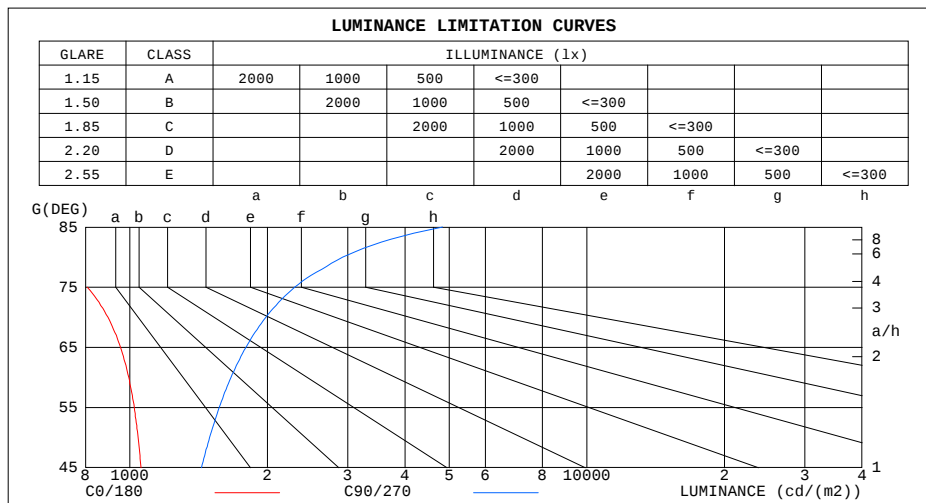
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lamp
10	109.0	113.4	115.2	113.3	108.7	104.4	102.9	104.6	0- 10	10.49	10.49	2.96
20	103.2	112.1	115.8	111.8	102.9	94.76	91.74	94.97	10- 20	30.10	40.59	11.4
30	94.05	107.1	112.6	106.7	93.49	81.93	77.97	82.39	20- 30	45.81	86.40	24.4
40	81.74	98.80	106.1	98.22	81.06	66.66	62.34	67.25	30- 40	55.68	142.1	40.1
50	66.85	87.29	96.14	86.58	65.83	49.95	46.45	50.65	40- 50	58.64	200.7	56.6
60	49.60	73.10	83.31	72.39	48.23	33.16	31.13	33.93	50- 60	54.61	255.3	72
70	30.55	56.79	67.94	55.88	29.02	17.88	17.57	18.56	60- 70	44.51	299.8	84.5
80	11.65	38.82	50.82	37.92	10.26	6.209	6.772	6.679	70- 80	30.47	330.3	93.1
90	0.2753	22.37	34.62	21.45	0.0863	0.2259	0.3091	0.2781	80- 90	16.48	346.8	97.8
100	0.1683	0.2512	3.638	0.1509	0.1438	0.3179	0.3981	0.3002	90-100	6.598	353.4	99.6
110	0.2143	0.1838	0.1968	0.1819	0.1794	0.3303	0.4258	0.3190	100-110	0.2588	353.6	99.7
120	0.2316	0.2129	0.2196	0.2115	0.1995	0.3137	0.4111	0.3088	110-120	0.2540	353.9	99.8
130	0.2443	0.2345	0.2372	0.2309	0.2066	0.2867	0.3415	0.2846	120-130	0.2327	354.1	99.8
140	0.2403	0.2511	0.2439	0.2378	0.2083	0.2665	0.2997	0.2661	130-140	0.1972	354.3	99.9
150	0.2274	0.2578	0.2579	0.2438	0.1930	0.2403	0.2738	0.2409	140-150	0.1548	354.5	99.9
160	0.1948	0.2529	0.2491	0.2306	0.1645	0.2013	0.2234	0.2121	150-160	0.1057	354.6	100
170	0.1785	0.2410	0.2339	0.2118	0.1520	0.1684	0.1963	0.2101	160-170	0.0578	354.6	100
180	0.1794	0.2329	0.2515	0.2307	0.1788	0.2310	0.2554	0.2307	170-180	0.0194	354.7	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	475	4832
80	672	2925
75	808	2295
70	896	1985
65	954	1795
60	995	1665
55	1023	1569
50	1043	1495
45	1058	1435

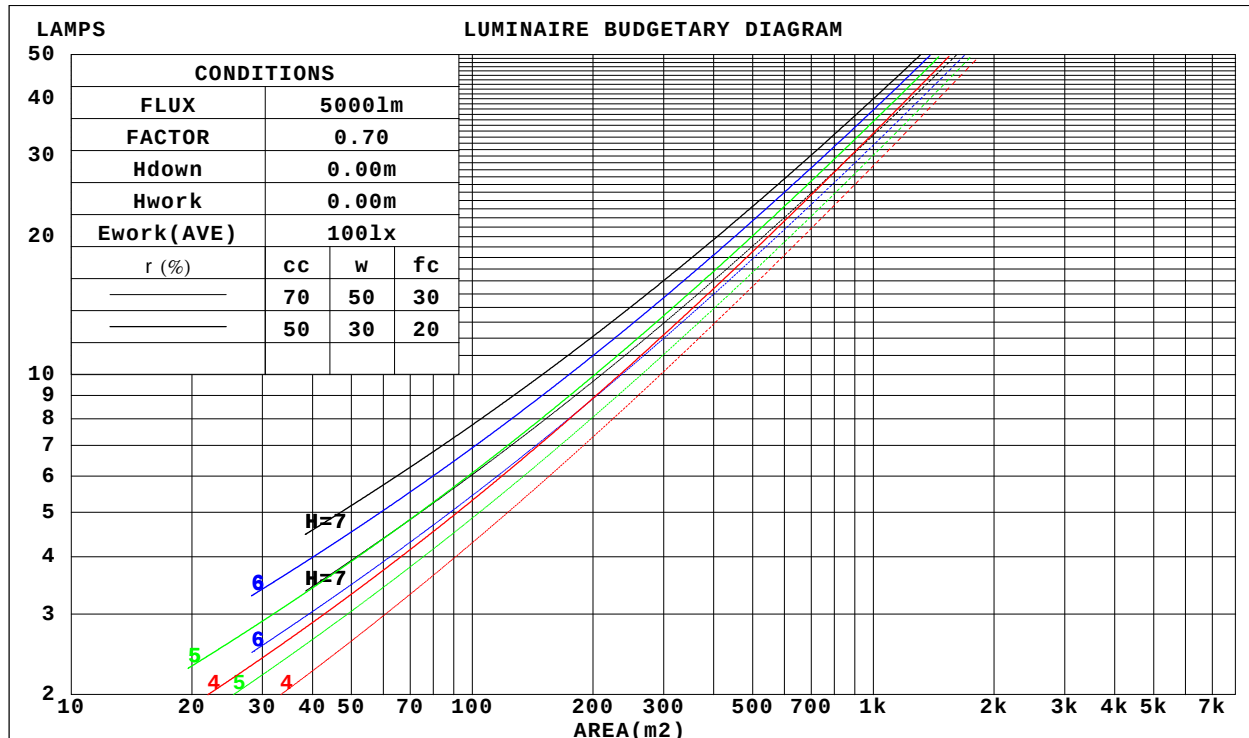
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.01	.96	.92	.99	.94	.90	.94	.90	.87	.90	.87	.84	.86	.83	.81	.79
2.0	.88	.80	.74	.85	.79	.73	.81	.76	.71	.78	.73	.69	.74	.70	.67	.65
3.0	.76	.68	.61	.75	.67	.60	.71	.64	.59	.68	.62	.57	.65	.60	.56	.54
4.0	.67	.58	.51	.66	.57	.51	.63	.56	.50	.60	.54	.49	.58	.52	.48	.46
5.0	.60	.51	.44	.59	.50	.43	.56	.49	.43	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.45	.38	.53	.44	.38	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.49	.40	.34	.48	.39	.33	.46	.39	.33	.45	.38	.33	.43	.37	.32	.30
8.0	.45	.36	.30	.44	.35	.30	.42	.35	.29	.41	.34	.29	.39	.33	.29	.27
9.0	.41	.32	.27	.40	.32	.27	.39	.32	.26	.38	.31	.26	.36	.30	.26	.24
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.23	.22



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LiuLiwen
 Test Date: 2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 3.010m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

r c c	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 f c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.348	.198	.063	.340	.194	.062	.326	.187	.060	.312	.180	.058	.300	.174	.056	
2.0	.314	.172	.053	.307	.169	.052	.294	.164	.051	.282	.158	.050	.271	.153	.048	
3.0	.285	.152	.045	.279	.149	.045	.267	.145	.044	.257	.141	.043	.247	.137	.042	
4.0	.260	.135	.040	.255	.133	.039	.244	.129	.039	.235	.126	.038	.226	.123	.037	
5.0	.238	.121	.035	.233	.120	.035	.224	.117	.034	.216	.114	.034	.208	.111	.033	
6.0	.220	.110	.032	.215	.109	.031	.207	.106	.031	.199	.104	.030	.192	.101	.030	
7.0	.204	.101	.029	.200	.099	.028	.192	.097	.028	.185	.095	.028	.179	.093	.027	
8.0	.190	.093	.026	.186	.092	.026	.179	.090	.026	.173	.088	.025	.167	.086	.025	
9.0	.177	.086	.024	.174	.085	.024	.168	.083	.024	.162	.081	.023	.157	.080	.023	
10.0	.166	.080	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.148	.074	.021	

r c c	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 f c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.207	.207	.207	.177	.177	.177	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.200	.173	.148	.171	.148	.128	.117	.102	.088	.067	.059	.051	.022	.019	.017	
2.0	.192	.149	.112	.165	.128	.097	.113	.089	.068	.065	.052	.040	.021	.017	.013	
3.0	.185	.132	.089	.158	.114	.078	.109	.079	.054	.063	.046	.032	.020	.015	.010	
4.0	.177	.119	.074	.152	.102	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
5.0	.169	.108	.063	.145	.094	.055	.100	.065	.039	.058	.038	.023	.019	.013	.008	
6.0	.162	.100	.056	.139	.087	.049	.096	.061	.034	.056	.036	.020	.018	.012	.007	
7.0	.155	.093	.050	.133	.081	.044	.092	.057	.031	.053	.033	.018	.017	.011	.006	
8.0	.148	.087	.046	.127	.076	.040	.088	.053	.028	.051	.031	.017	.017	.010	.006	
9.0	.142	.082	.042	.122	.072	.037	.085	.050	.026	.049	.030	.016	.016	.010	.005	
10.0	.136	.078	.040	.117	.068	.035	.081	.048	.025	.047	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm											
NAME: ASD-UCB-12D5CC-WH					TYPE:			WEIGHT:			
SPEC.:5000K					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	13.7	15.2	14.0	15.5	15.7	15.5	17.1	15.9	17.3	17.6	
	3H	15.2	16.7	15.6	16.9	17.2	18.0	19.4	18.3	19.7	20.0
	4H	15.8	17.2	16.2	17.5	17.8	19.3	20.6	19.6	20.9	21.2
	6H	16.2	17.5	16.6	17.8	18.2	20.6	21.9	21.0	22.2	22.6
	8H	16.4	17.6	16.7	17.9	18.3	21.3	22.6	21.7	22.9	23.2
	12H	16.4	17.6	16.8	17.9	18.3	22.1	23.3	22.5	23.6	24.0
4H	2H	14.8	16.2	15.2	16.5	16.8	16.2	17.6	16.5	17.9	18.2
	3H	16.7	17.9	17.1	18.2	18.6	18.9	20.1	19.3	20.4	20.8
	4H	17.5	18.6	17.9	19.0	19.3	20.3	21.4	20.8	21.8	22.2
	6H	18.1	19.1	18.5	19.5	19.9	21.9	22.9	22.3	23.3	23.7
	8H	18.3	19.2	18.7	19.6	20.0	22.7	23.6	23.2	24.1	24.5
	12H	18.4	19.2	18.8	19.7	20.1	23.6	24.5	24.1	24.9	25.4
8H	4H	18.4	19.3	18.9	19.7	20.2	20.7	21.6	21.2	22.0	22.5
	6H	19.3	20.1	19.8	20.6	21.0	22.5	23.3	23.0	23.8	24.2
	8H	19.7	20.4	20.2	20.9	21.4	23.6	24.3	24.1	24.7	25.2
	12H	20.0	20.6	20.5	21.1	21.6	24.7	25.3	25.3	25.8	26.4
12H	4H	18.7	19.5	19.1	19.9	20.4	20.7	21.6	21.2	22.0	22.5
	6H	19.8	20.5	20.3	20.9	21.4	22.7	23.4	23.2	23.8	24.3
	8H	20.3	20.9	20.8	21.4	21.9	23.8	24.4	24.3	24.9	25.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117, 354.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -3.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

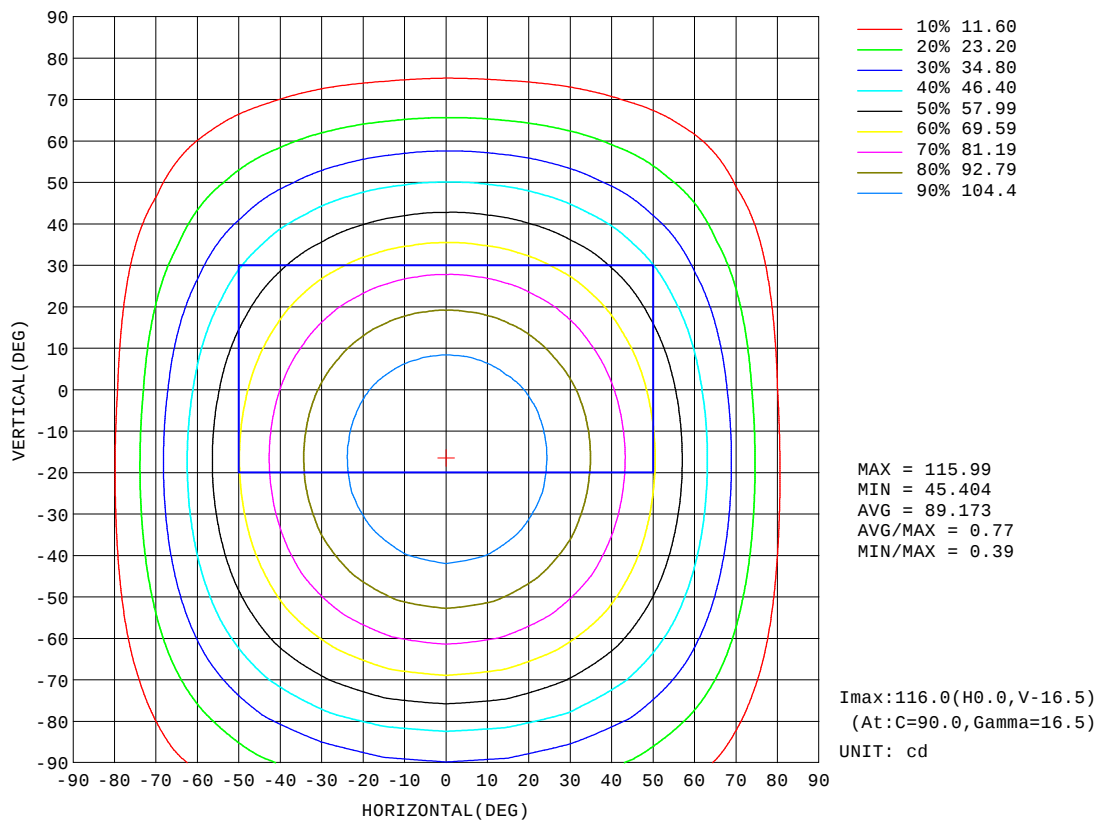
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	35	29
0.80	65	52	45	64	52	45	62	51	44	37
1.00	73	61	53	72	60	53	69	62	52	45
1.25	80	69	61	78	68	60	75	66	60	52
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	82	75	90	81	74	86	79	73	64
2.50	96	87	80	94	86	80	90	83	78	69
3.00	99	92	85	97	90	84	93	87	82	73
4.00	104	97	92	101	95	90	96	92	87	78
5.00	106	101	96	104	99	94	99	95	91	81
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: LiuLiwen
Test Date: 2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.010m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



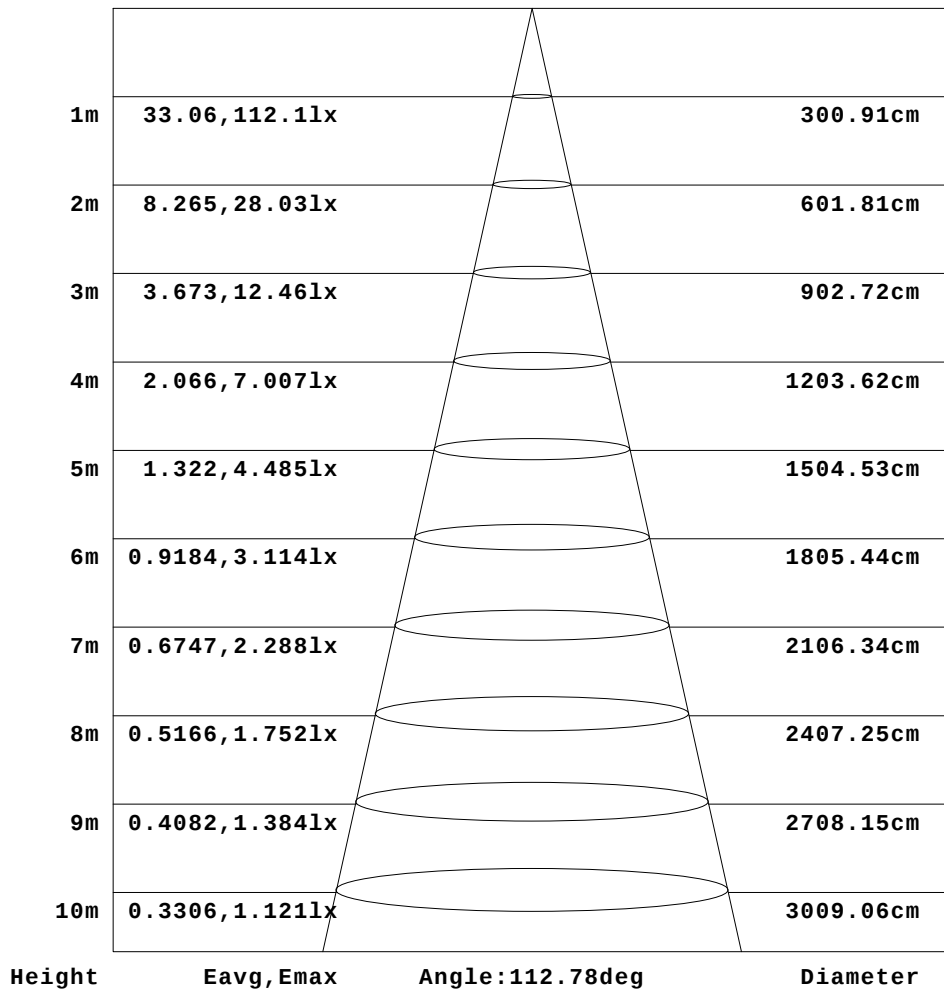
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:237.1 lm



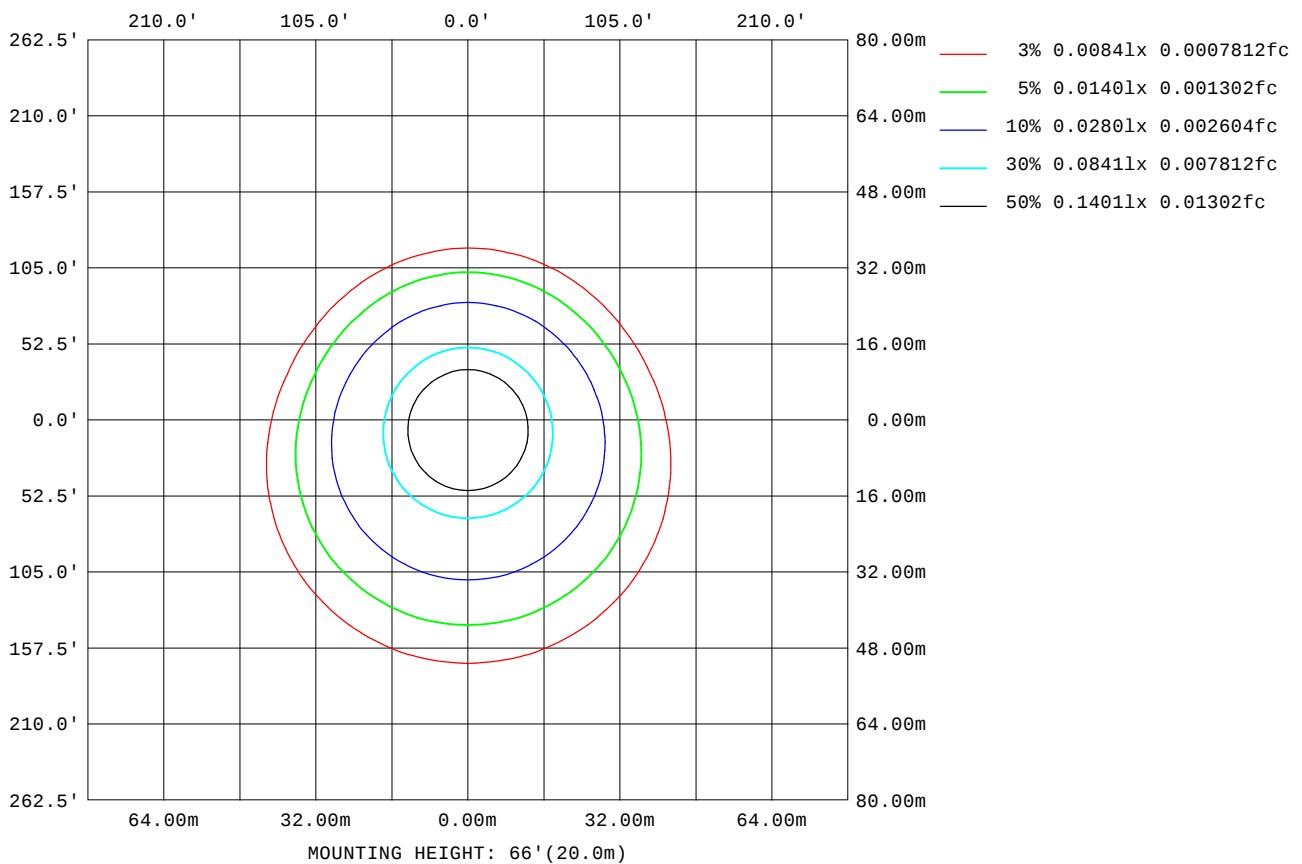
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	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: LiuLiwen
 Test Date: 2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 3.010m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

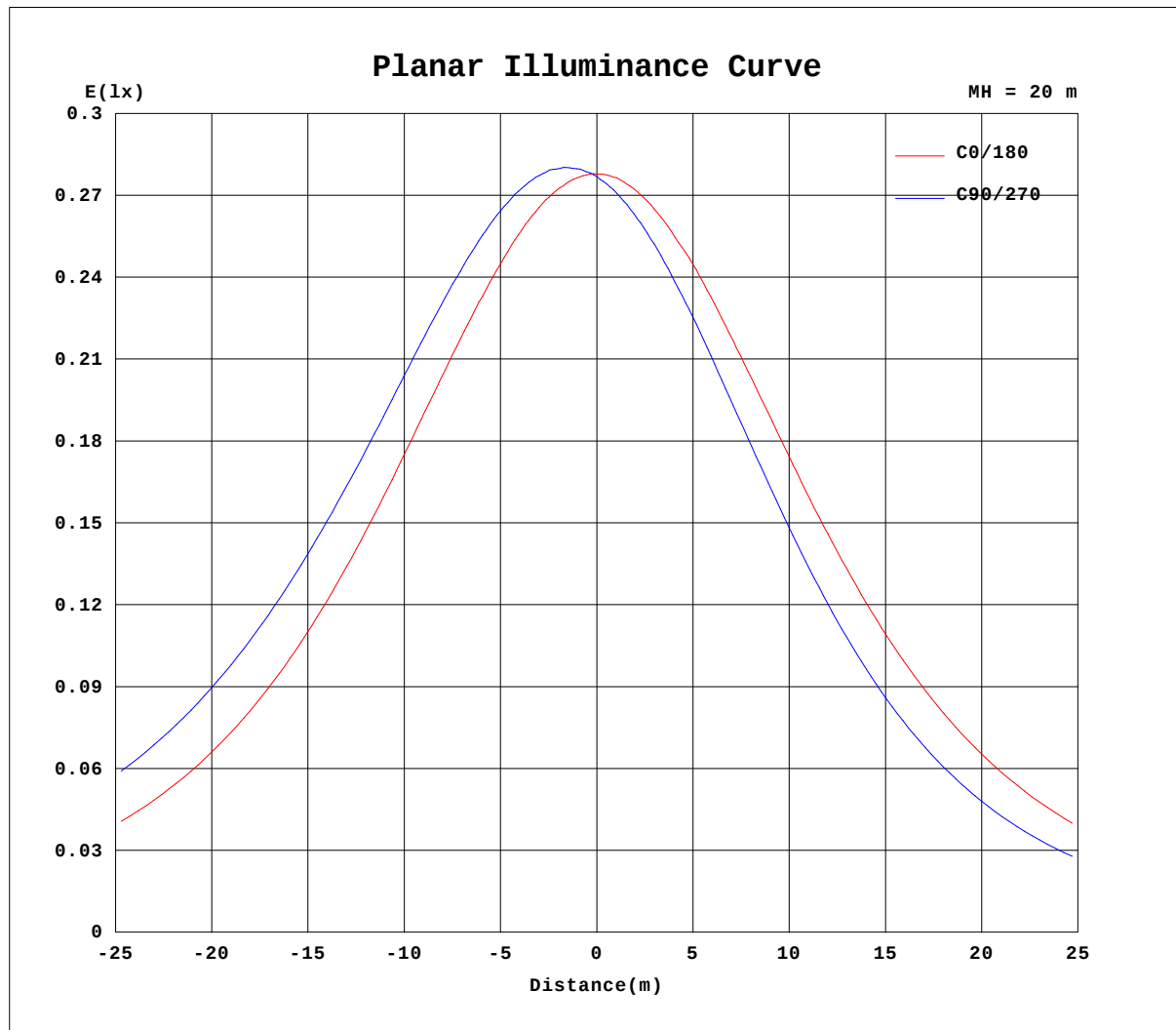
AvgL	cd/m2
L_0~180(65)av	934
L_0~180(75)av	776
L_0~180(85)av	413
L_90~270(65)av	1182
L_90~270(75)av	1375
L_90~270(85)av	2581
L_45(65)av	1069
L_45(75)av	1142
L_45(85)av	1842

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-06

g Range: 0 - 180DEG
 g Interval: 0.5DEG
 Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:3.010m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LiuLiwen
Test Date: 2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System: EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.010m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm																	
NAME: ASD-UCB-12D5CC-WH									TYPE:						WEIGHT:		
SPEC.:5000K									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	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
5	110	111	112	113	113	113	113	113	113	113	112	111	110	110	109	108	108	107	107
10	109	111	112	113	114	115	115	115	114	113	112	111	109	107	106	104	104	103	103
15	106	109	111	113	115	116	116	116	114	113	111	109	106	104	102	100	98.7	97.9	97.7
20	103	106	109	112	114	115	116	115	114	112	109	106	103	99.8	97.0	94.8	93.0	92.0	91.7
25	99.1	103	107	110	112	114	115	114	112	110	106	103	98.7	94.7	91.5	88.7	86.7	85.5	85.1
30	94.1	98.8	103	107	110	112	113	112	110	107	103	98.3	93.5	89.0	85.2	81.9	79.6	78.3	78.0
35	88.3	93.6	98.7	103	107	109	110	109	107	103	98.2	93.1	87.6	82.5	78.1	74.6	72.1	70.6	70.3
40	81.7	87.8	93.4	98.8	103	105	106	105	102	98.2	93.0	87.3	81.1	75.4	70.5	66.7	64.1	62.6	62.3
45	74.6	81.3	87.6	93.4	97.6	101	102	100	97.3	92.7	87.0	80.6	73.7	67.5	62.4	58.4	56.0	54.6	54.4
50	66.9	74.1	80.9	87.3	92.0	95.2	96.1	95.1	91.6	86.6	80.2	73.3	65.8	59.1	53.8	49.9	47.8	46.7	46.5
55	58.5	66.2	73.7	80.5	85.6	89.1	90.1	88.9	85.2	79.8	72.8	65.3	57.2	50.2	44.9	41.5	39.7	38.7	38.7
60	49.6	57.9	65.9	73.1	78.6	82.3	83.3	82.0	78.1	72.4	65.0	56.9	48.2	40.9	36.0	33.2	31.8	31.1	31.1
65	40.2	49.0	57.4	65.2	71.0	74.8	75.9	74.6	70.4	64.4	56.5	47.8	38.8	31.5	27.3	25.2	24.4	24.0	24.0
70	30.6	39.7	48.6	56.8	62.8	66.8	67.9	66.5	62.2	55.9	47.6	38.4	29.0	22.2	19.2	17.9	17.6	17.3	17.6
75	20.8	30.2	39.5	47.9	54.1	58.3	59.4	58.0	53.5	46.9	38.3	28.8	19.3	13.6	12.0	11.4	11.5	11.5	11.7
80	11.6	20.7	30.2	38.8	45.6	49.7	50.8	49.3	45.0	37.9	29.0	19.4	10.3	6.60	6.15	6.21	6.46	6.61	6.77
85	4.13	12.1	21.4	30.0	36.6	41.0	42.1	40.6	36.0	29.2	20.3	11.0	3.07	1.89	2.11	2.33	2.58	2.72	2.85
90	0.28	5.78	14.0	22.4	28.9	33.4	34.6	33.2	28.2	21.5	12.9	5.06	0.09	0.13	0.18	0.23	0.26	0.30	0.31
95	0.14	0.13	5.11	13.6	21.4	27.4	28.7	27.2	20.0	12.1	3.42	0.13	0.11	0.15	0.21	0.27	0.31	0.34	0.35
100	0.17	0.15	0.15	0.25	0.33	0.62	3.64	0.38	0.22	0.15	0.15	0.15	0.14	0.19	0.25	0.32	0.35	0.38	0.40
105	0.20	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.17	0.17	0.17	0.17	0.16	0.21	0.27	0.33	0.38	0.41	0.42
110	0.21	0.18	0.18	0.18	0.19	0.19	0.20	0.19	0.19	0.18	0.18	0.18	0.18	0.22	0.27	0.33	0.38	0.41	0.43
115	0.22	0.20	0.20	0.20	0.20	0.19	0.20	0.20	0.19	0.19	0.19	0.20	0.19	0.22	0.27	0.32	0.37	0.40	0.42
120	0.23	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.21	0.21	0.20	0.21	0.20	0.23	0.27	0.31	0.35	0.39	0.41
125	0.24	0.22	0.22	0.23	0.22	0.24	0.23	0.23	0.22	0.22	0.22	0.21	0.20	0.23	0.27	0.30	0.33	0.36	0.38
130	0.24	0.23	0.24	0.23	0.23	0.23	0.24	0.23	0.22	0.23	0.23	0.22	0.21	0.23	0.27	0.29	0.31	0.33	0.34
135	0.25	0.24	0.25	0.25	0.24	0.24	0.25	0.24	0.23	0.23	0.23	0.22	0.21	0.22	0.26	0.28	0.29	0.31	0.34
140	0.24	0.24	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.21	0.22	0.25	0.27	0.27	0.28	0.30
145	0.24	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.24	0.22	0.20	0.21	0.24	0.25	0.27	0.28	0.30
150	0.23	0.23	0.25	0.26	0.25	0.26	0.26	0.25	0.25	0.24	0.23	0.21	0.19	0.19	0.22	0.24	0.24	0.26	0.27
155	0.21	0.23	0.25	0.26	0.26	0.26	0.26	0.25	0.25	0.24	0.23	0.20	0.18	0.18	0.21	0.21	0.23	0.24	0.25
160	0.19	0.22	0.24	0.25	0.25	0.25	0.25	0.24	0.23	0.23	0.21	0.19	0.16	0.17	0.18	0.20	0.20	0.21	0.22
165	0.18	0.21	0.23	0.24	0.25	0.25	0.23	0.23	0.22	0.21	0.20	0.18	0.15	0.16	0.16	0.17	0.19	0.19	0.20
170	0.18	0.20	0.23	0.24	0.23	0.23	0.23	0.22	0.21	0.21	0.20	0.17	0.15	0.15	0.17	0.17	0.17	0.18	0.20
175	0.17	0.20	0.23	0.24	0.24	0.25	0.24	0.23	0.22	0.22	0.20	0.18	0.16	0.17	0.18	0.19	0.19	0.19	0.21
180	0.18	0.19	0.21	0.23	0.23	0.24	0.25	0.24	0.22	0.23	0.22	0.19	0.18	0.19	0.21	0.23	0.23	0.24	0.26

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.0434A P:5.0291W PF:0.9648 Freq:59.98Hz Lamp Flux:354.66x1 lm		
NAME: ASD-UCB-12D5CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2
UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345													
0	111	111	111	111	111													
5	107	108	108	109	110													
10	103	104	105	106	107													
15	98.0	98.9	100	102	104													
20	92.2	93.3	95.0	97.3	100													
25	85.6	87.0	89.1	91.9	95.3													
30	78.4	80.0	82.4	85.7	89.7													
35	70.8	72.5	75.1	78.8	83.2													
40	62.9	64.6	67.2	71.4	76.2													
45	54.9	56.5	59.1	63.3	68.5													
50	46.9	48.3	50.7	54.8	60.2													
55	39.0	40.2	42.2	46.0	51.5													
60	31.4	32.4	33.9	37.1	42.3													
65	24.2	24.9	26.0	28.4	32.9													
70	17.6	18.1	18.6	20.2	23.6													
75	11.7	11.9	12.0	12.9	14.8													
80	6.78	6.78	6.68	6.80	7.55													
85	2.84	2.81	2.64	2.49	2.37													
90	0.32	0.33	0.28	0.25	0.19													
95	0.34	0.30	0.26	0.20	0.15													
100	0.38	0.35	0.30	0.24	0.18													
105	0.41	0.37	0.32	0.26	0.20													
110	0.41	0.37	0.32	0.26	0.20													
115	0.40	0.37	0.31	0.26	0.21													
120	0.39	0.35	0.31	0.26	0.22													
125	0.36	0.32	0.29	0.26	0.22													
130	0.33	0.31	0.28	0.26	0.22													
135	0.31	0.28	0.28	0.26	0.23													
140	0.29	0.28	0.27	0.25	0.22													
145	0.29	0.27	0.25	0.24	0.22													
150	0.26	0.25	0.24	0.22	0.20													
155	0.25	0.24	0.22	0.21	0.19													
160	0.23	0.21	0.21	0.19	0.18													
165	0.22	0.22	0.20	0.19	0.18													
170	0.21	0.20	0.21	0.20	0.18													
175	0.22	0.21	0.21	0.20	0.18													
180	0.24	0.23	0.23	0.22	0.19													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE G0-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks: