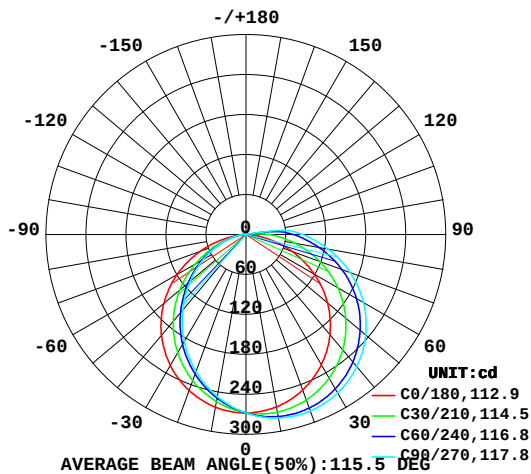


LUMINAIRE PHOTOMETRIC TEST REPORT

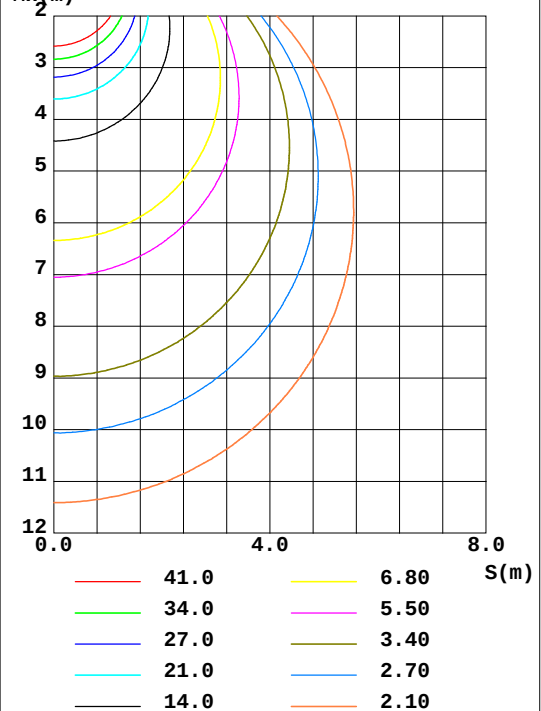
Test:U:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.49 lm/W			
MODEL	ASD-UCB-24D12CC-WH	I _{max} (cd)	282.3	S/MH(C0/180)	1.38
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	859.62	h UP, DN(C0-180)	2.1, 61.7
NOMINAL FLUX(lm)	859.62	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2, 35.9
LAMPS INSIDE	1	h up(%)	2.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.7	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:

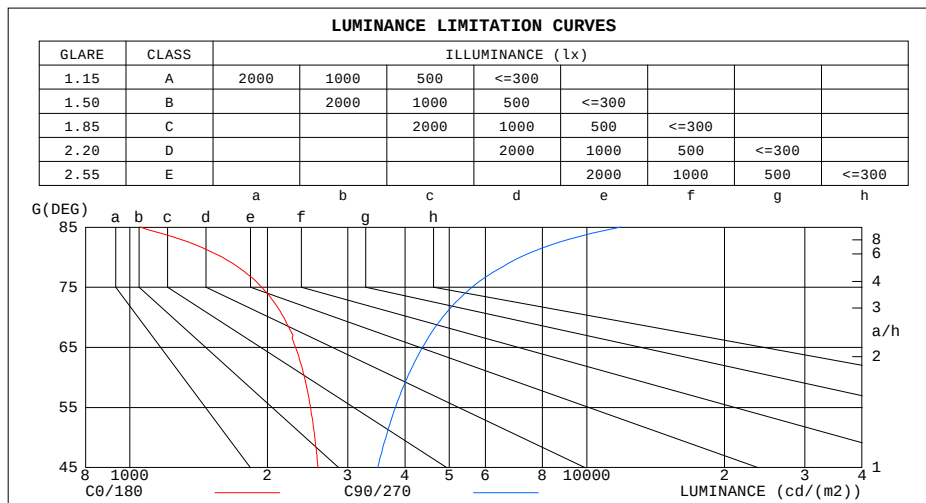
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lamp
10	262.8	274.5	279.5	274.9	263.3	251.5	247.2	251.7	0- 10	25.33	25.33	2.95
20	248.6	271.8	281.9	272.5	249.3	227.4	219.2	227.1	10- 20	72.68	98.02	11.4
30	226.0	259.7	274.9	260.6	227.0	196.0	185.3	196.0	20- 30	110.6	208.6	24.3
40	196.1	239.6	258.8	240.4	197.6	159.0	147.5	159.1	30- 40	134.4	343.0	39.9
50	159.8	212.0	234.7	212.8	161.0	118.7	109.4	119.0	40- 50	141.5	484.5	56.4
60	118.1	178.0	203.6	179.0	118.7	79.30	73.06	79.67	50- 60	131.9	616.4	71.7
70	72.71	138.5	166.3	139.1	72.23	42.86	41.05	43.37	60- 70	107.9	724.4	84.3
80	27.08	95.42	124.8	95.81	26.10	14.96	16.11	15.41	70- 80	74.36	798.7	92.9
90	0.3550	55.63	85.29	55.71	0.2189	0.6021	1.161	0.9191	80- 90	40.90	839.6	97.7
100	0.4254	1.254	14.97	0.3473	0.3404	0.7515	0.9435	0.7339	90-100	16.73	856.3	99.6
110	0.4993	0.4334	0.4216	0.4163	0.4210	0.7856	1.016	0.7715	100-110	0.8626	857.2	99.7
120	0.5524	0.5056	0.5065	0.4812	0.4728	0.7424	0.9801	0.7329	110-120	0.5997	857.8	99.8
130	0.5749	0.5543	0.5544	0.5263	0.4776	0.6880	0.8281	0.6770	120-130	0.5495	858.3	99.9
140	0.5680	0.5937	0.5858	0.5660	0.4775	0.6405	0.7345	0.6320	130-140	0.4666	858.8	99.9
150	0.5243	0.6122	0.6210	0.5846	0.4431	0.5718	0.6695	0.5755	140-150	0.3673	859.2	99.9
160	0.4579	0.5984	0.5923	0.5502	0.3813	0.4783	0.5387	0.4982	150-160	0.2516	859.4	100
170	0.4198	0.5753	0.5532	0.5186	0.3572	0.4234	0.4752	0.4953	160-170	0.1387	859.6	100
180	0.4297	0.5568	0.6025	0.5651	0.4350	0.5539	0.6060	0.5667	170-180	0.0469	859.6	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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-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	1053	11870
80	1593	7149
75	1945	5605
70	2172	4837
65	2306	4368
60	2412	4051
55	2487	3813
50	2540	3633
45	2583	3487

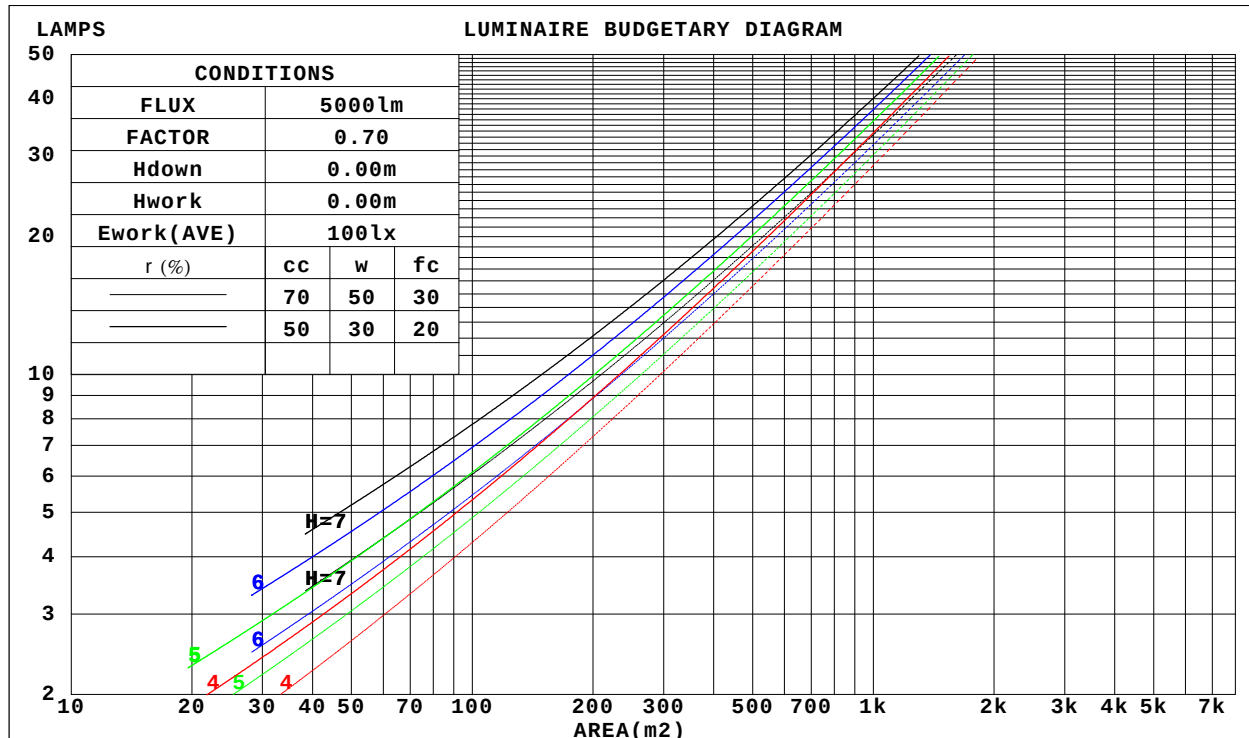
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.01	.96	.92	.99	.94	.90	.94	.90	.87	.90	.87	.84	.86	.83	.81	.79
2.0	.87	.80	.74	.85	.78	.73	.81	.76	.71	.78	.73	.69	.74	.70	.67	.64
3.0	.76	.68	.61	.75	.66	.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	.45
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	.33	.48	.39	.33	.46	.38	.33	.44	.38	.32	.43	.37	.32	.30
8.0	.44	.36	.30	.44	.35	.30	.42	.35	.29	.41	.34	.29	.39	.33	.29	.27
9.0	.41	.32	.27	.40	.32	.27	.39	.31	.26	.37	.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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm					
NAME: ASD-UCB-24D12CC-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
R C R	R C R:Room Cavity Ratio Wall Exitance Coefficients(W E C)															
0.0																
1.0	.350	.199	.063	.342	.195	.062	.327	.188	.060	.313	.181	.058	.301	.174	.056	
2.0	.315	.173	.053	.308	.170	.052	.295	.164	.051	.283	.159	.050	.272	.154	.048	
3.0	.286	.152	.046	.280	.150	.045	.268	.145	.044	.257	.141	.043	.247	.137	.042	
4.0	.260	.135	.040	.255	.133	.039	.244	.130	.039	.235	.126	.038	.226	.123	.037	
5.0	.239	.122	.035	.234	.120	.035	.224	.117	.034	.216	.114	.034	.208	.111	.033	
6.0	.220	.110	.032	.216	.109	.031	.207	.106	.031	.200	.104	.030	.192	.101	.030	
7.0	.204	.101	.029	.200	.100	.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
R C R	R C R:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(C C E C)															
0.0	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.201	.174	.149	.172	.149	.128	.118	.103	.089	.068	.059	.052	.022	.019	.017	
2.0	.193	.150	.113	.166	.129	.098	.114	.089	.068	.065	.052	.040	.021	.017	.013	
3.0	.186	.132	.090	.159	.114	.078	.109	.079	.055	.063	.046	.032	.020	.015	.011	
4.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
5.0	.170	.109	.064	.146	.094	.056	.101	.066	.039	.058	.039	.023	.019	.013	.008	
6.0	.163	.101	.057	.140	.087	.049	.096	.061	.035	.056	.036	.021	.018	.012	.007	
7.0	.156	.094	.051	.134	.082	.044	.092	.057	.031	.054	.034	.019	.017	.011	.006	
8.0	.149	.088	.047	.128	.077	.041	.089	.054	.029	.052	.032	.017	.017	.010	.006	
9.0	.143	.083	.043	.123	.072	.038	.085	.051	.027	.050	.030	.016	.016	.010	.005	
10.0	.137	.079	.041	.118	.069	.035	.082	.048	.025	.048	.029	.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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm											
NAME: ASD-UCB-24D12CC-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	16.8	18.3	17.1	18.6	18.8	18.6	20.2	19.0	20.4	20.7	
	3H	18.3	19.8	18.7	20.1	20.3	21.1	22.5	21.4	22.8	23.1
	4H	18.9	20.3	19.3	20.6	20.9	22.4	23.8	22.7	24.1	24.4
	6H	19.3	20.6	19.7	21.0	21.3	23.7	25.0	24.1	25.3	25.7
	8H	19.4	20.7	19.8	21.0	21.4	24.4	25.7	24.8	26.0	26.4
	12H	19.5	20.7	19.9	21.0	21.4	25.2	26.4	25.6	26.8	27.1
4H	2H	18.0	19.3	18.3	19.6	19.9	19.3	20.7	19.6	21.0	21.3
	3H	19.8	21.0	20.2	21.3	21.7	22.0	23.2	22.4	23.5	23.9
	4H	20.6	21.7	21.0	22.1	22.5	23.5	24.6	23.9	24.9	25.3
	6H	21.2	22.2	21.6	22.6	23.0	25.0	26.0	25.5	26.4	26.8
	8H	21.4	22.3	21.8	22.7	23.2	25.9	26.8	26.3	27.2	27.6
	12H	21.5	22.3	21.9	22.8	23.2	26.8	27.6	27.2	28.1	28.5
8H	4H	21.5	22.4	22.0	22.9	23.3	23.8	24.8	24.3	25.2	25.6
	6H	22.5	23.2	22.9	23.7	24.2	25.7	26.4	26.1	26.9	27.4
	8H	22.8	23.5	23.3	24.0	24.5	26.7	27.4	27.2	27.9	28.4
	12H	23.1	23.7	23.6	24.2	24.7	27.9	28.5	28.4	29.0	29.5
12H	4H	21.8	22.6	22.2	23.1	23.5	23.9	24.7	24.3	25.1	25.6
	6H	22.9	23.6	23.4	24.1	24.6	25.8	26.5	26.3	27.0	27.5
	8H	23.4	24.0	24.0	24.5	25.1	26.9	27.5	27.4	28.0	28.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117, 859.6 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.5)

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

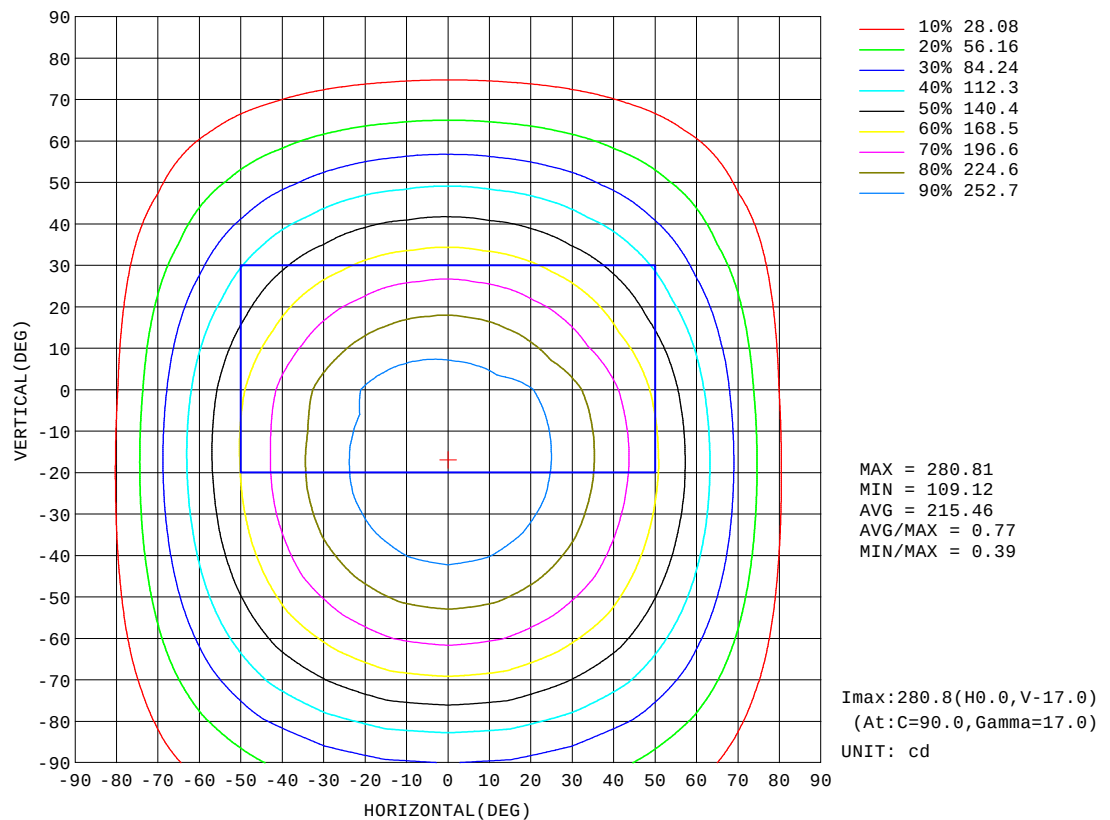
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	35	29
0.80	65	52	45	63	52	44	62	51	44	37
1.00	73	61	53	71	60	53	69	62	52	45
1.25	80	68	61	78	68	60	75	66	59	52
1.50	85	74	66	83	73	66	80	71	65	57
2.00	92	82	75	90	81	74	86	78	73	64
2.50	96	87	80	94	86	79	89	83	77	68
3.00	99	91	85	97	90	84	93	87	82	72
4.00	104	97	92	101	95	90	96	91	87	78
5.00	106	101	96	104	98	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 GO-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.010m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



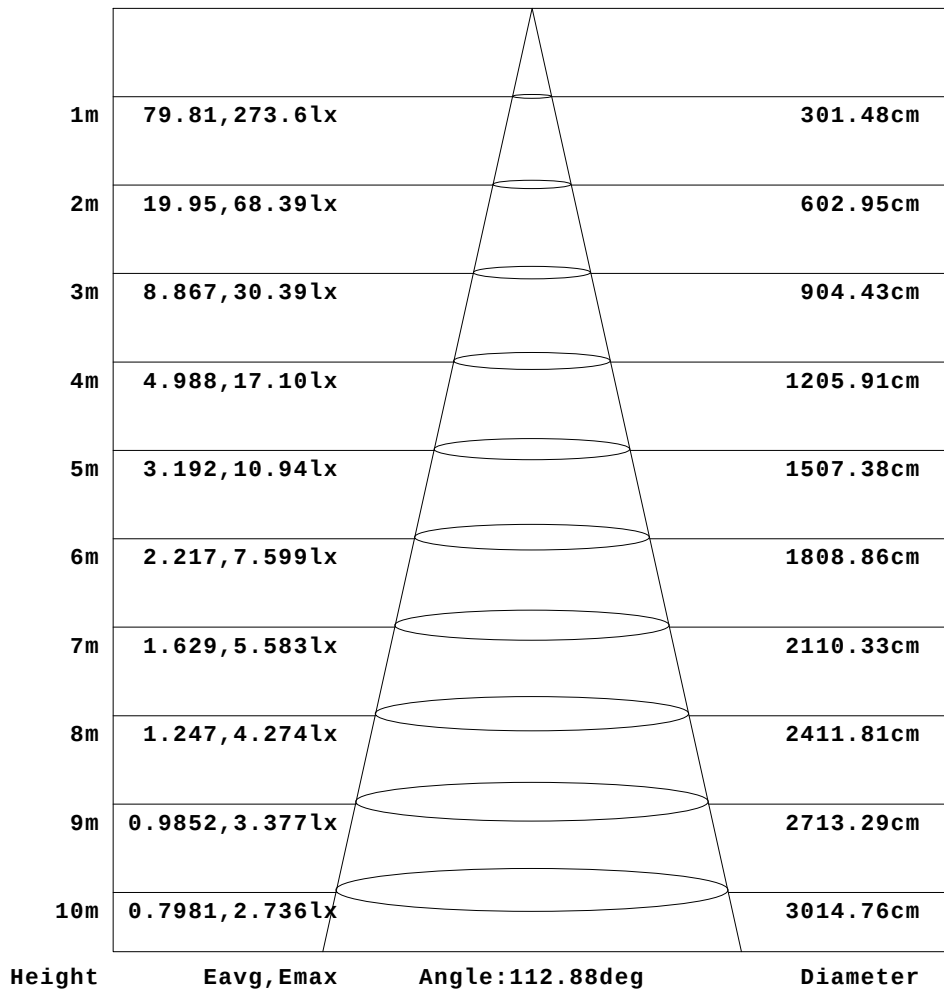
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LiuLiwen
Test Date: 2022-12-06

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:572.3 lm



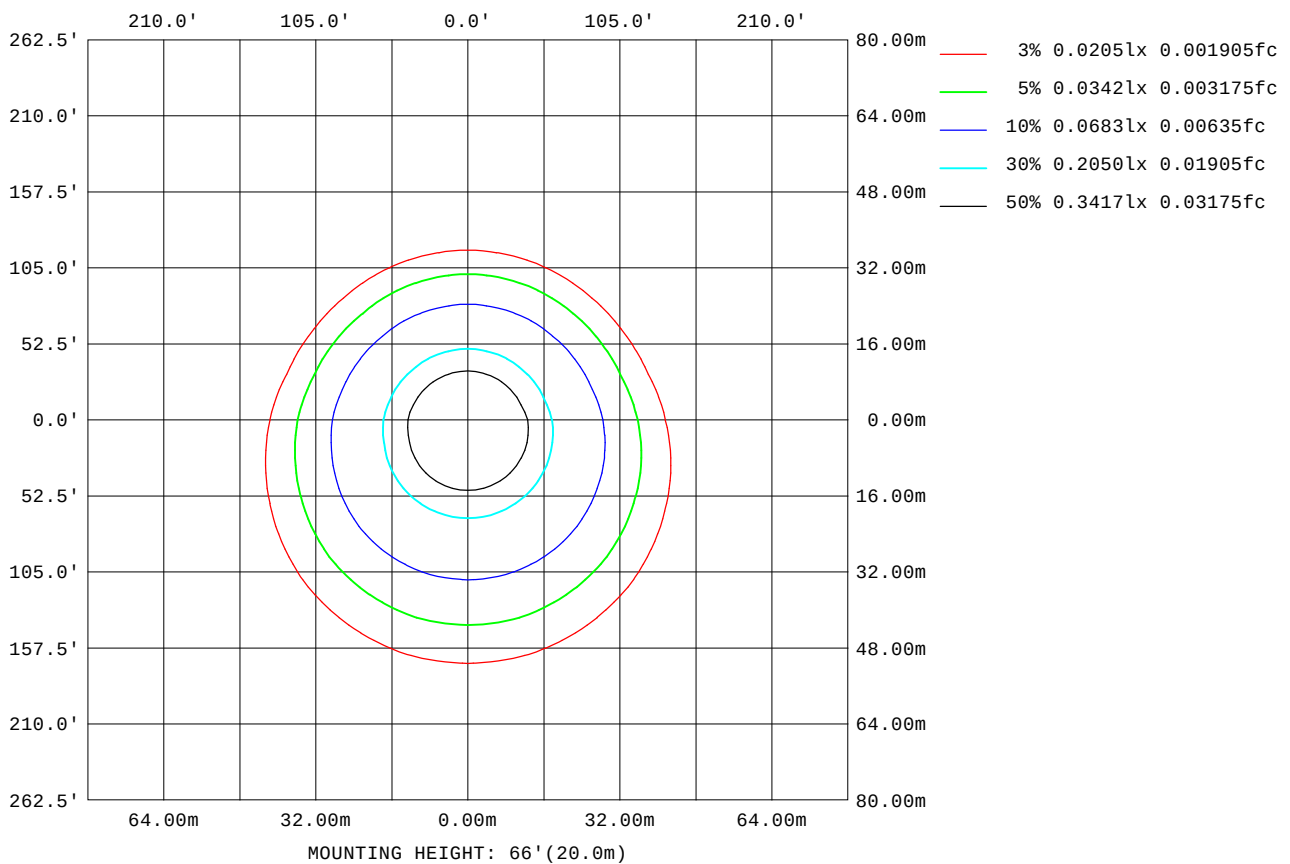
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

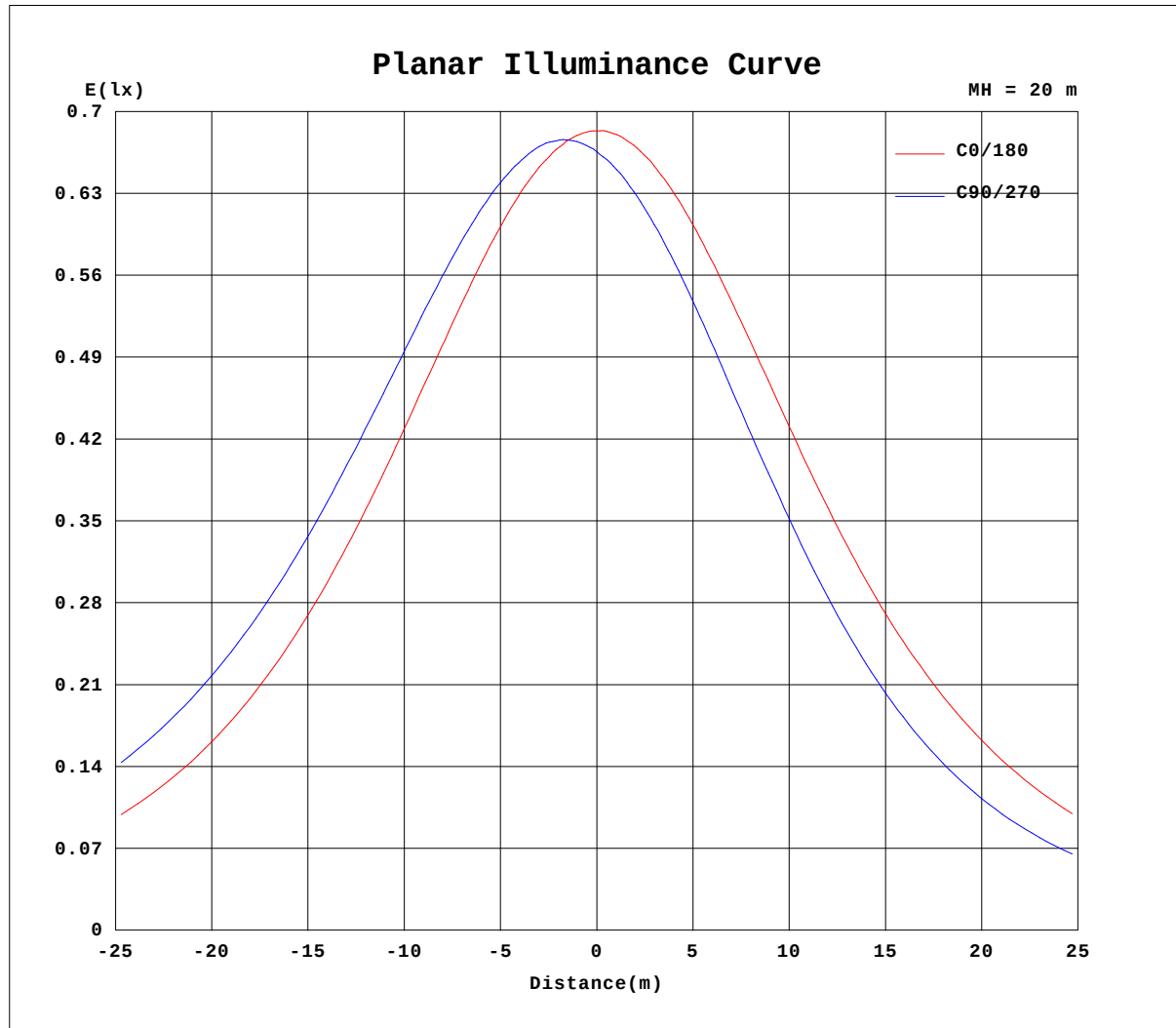
AvgL	cd/m2
L_0~180(65)av	2263
L_0~180(75)av	1889
L_0~180(85)av	978
L_90~270(65)av	2861
L_90~270(75)av	3348
L_90~270(85)av	6386
L_45(65)av	2601
L_45(75)av	2806
L_45(85)av	4621

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-WH	TYPE:	WEIGHT:
SPEC.: 5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
g (°)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268
5	266	268	270	272	274	274	275	275	274	272	271	269	267	264	262	261	260	259	259
10	263	267	271	275	277	279	280	279	277	275	271	267	263	259	255	252	250	248	247
15	257	263	269	274	278	281	282	281	278	275	270	264	257	251	245	240	237	235	234
20	249	257	264	272	277	281	282	281	277	272	265	258	249	241	234	227	223	220	219
25	238	249	258	267	274	278	279	278	274	268	259	249	239	229	220	213	208	204	203
30	226	238	249	260	268	273	275	273	268	261	250	239	227	215	205	196	191	186	185
35	212	226	239	251	260	266	268	266	260	252	240	227	213	199	188	178	172	167	167
40	196	212	226	240	250	257	259	257	250	240	227	213	198	182	170	159	153	148	147
45	179	196	212	227	238	245	248	246	238	228	213	197	180	163	150	139	133	129	128
50	160	179	195	212	224	232	235	232	224	213	197	180	161	143	130	119	114	109	109
55	140	160	178	196	208	217	220	218	209	197	179	161	141	122	109	98.5	94.3	90.7	90.8
60	118	140	159	178	191	201	204	201	192	179	160	140	119	99.2	87.1	79.3	75.6	73.4	73.1
65	95.4	118	139	159	173	183	186	183	173	160	140	119	95.8	77.1	66.2	60.3	57.9	56.4	56.3
70	72.7	95.9	118	138	153	164	166	164	154	139	118	96.1	72.2	54.5	46.6	42.9	41.7	40.9	41.0
75	49.3	72.8	95.4	117	132	143	146	143	132	118	95.9	72.8	48.5	33.6	29.1	27.5	27.4	27.3	27.5
80	27.1	49.9	73.8	95.4	111	122	125	122	111	95.8	74.0	49.7	26.1	16.2	15.1	15.0	15.6	15.7	16.1
85	8.99	29.0	52.6	74.2	89.7	101	104	101	89.9	74.6	52.7	28.8	8.06	4.76	5.39	6.00	6.71	7.05	7.33
90	0.36	13.6	35.0	55.6	71.4	82.0	85.3	82.1	71.4	55.7	34.6	13.1	0.22	0.31	0.45	0.60	0.82	0.93	1.16
95	0.36	0.38	11.9	35.7	51.6	63.4	66.9	63.4	51.1	35.1	9.78	0.36	0.27	0.38	0.51	0.64	0.74	0.81	0.83
100	0.43	0.37	0.34	1.25	6.79	10.1	15.0	10.1	5.66	0.35	0.35	0.36	0.34	0.45	0.60	0.75	0.85	0.92	0.94
105	0.46	0.41	0.39	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.39	0.40	0.38	0.50	0.64	0.78	0.90	0.98	1.01
110	0.50	0.44	0.43	0.43	0.43	0.42	0.42	0.42	0.42	0.42	0.42	0.43	0.42	0.51	0.64	0.79	0.90	0.98	1.02
115	0.53	0.48	0.46	0.47	0.46	0.46	0.47	0.45	0.45	0.45	0.45	0.47	0.44	0.52	0.65	0.76	0.89	0.96	1.00
120	0.55	0.51	0.50	0.51	0.51	0.51	0.51	0.50	0.49	0.48	0.48	0.49	0.47	0.53	0.64	0.74	0.84	0.94	0.98
125	0.56	0.53	0.53	0.54	0.54	0.54	0.54	0.53	0.51	0.51	0.50	0.50	0.47	0.53	0.64	0.72	0.78	0.87	0.91
130	0.57	0.56	0.56	0.55	0.55	0.55	0.55	0.54	0.53	0.53	0.53	0.52	0.48	0.53	0.63	0.69	0.75	0.79	0.83
135	0.58	0.56	0.58	0.58	0.56	0.58	0.59	0.56	0.54	0.55	0.55	0.52	0.49	0.52	0.61	0.66	0.69	0.74	0.81
140	0.57	0.58	0.59	0.59	0.58	0.58	0.59	0.56	0.56	0.57	0.56	0.53	0.48	0.51	0.59	0.64	0.66	0.69	0.73
145	0.55	0.57	0.60	0.60	0.60	0.60	0.61	0.59	0.58	0.57	0.57	0.52	0.46	0.48	0.56	0.59	0.65	0.68	0.72
150	0.52	0.56	0.58	0.61	0.61	0.61	0.62	0.59	0.58	0.58	0.55	0.50	0.44	0.45	0.52	0.57	0.59	0.63	0.67
155	0.49	0.54	0.58	0.61	0.61	0.61	0.61	0.59	0.59	0.57	0.54	0.48	0.41	0.42	0.49	0.51	0.57	0.58	0.60
160	0.46	0.53	0.56	0.60	0.61	0.61	0.59	0.58	0.56	0.55	0.51	0.47	0.38	0.39	0.43	0.48	0.48	0.51	0.54
165	0.43	0.50	0.54	0.57	0.60	0.59	0.56	0.55	0.54	0.52	0.48	0.44	0.36	0.36	0.38	0.43	0.47	0.46	0.48
170	0.42	0.48	0.55	0.58	0.56	0.57	0.55	0.52	0.51	0.52	0.49	0.43	0.36	0.37	0.41	0.42	0.42	0.43	0.48
175	0.43	0.48	0.54	0.58	0.58	0.61	0.58	0.54	0.53	0.54	0.50	0.44	0.39	0.41	0.45	0.46	0.46	0.46	0.50
180	0.43	0.47	0.52	0.56	0.54	0.57	0.60	0.57	0.54	0.57	0.53	0.46	0.44	0.47	0.52	0.55	0.55	0.57	0.61

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:120.19V I:0.1023A P:11.697W PF:0.9511 Freq:59.98Hz Lamp Flux:859.62x1 lm		
NAME: ASD-UCB-24D12CC-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	268	268	268	268	268														
5	259	260	261	262	264														
10	248	249	252	255	259														
15	235	237	240	245	251														
20	220	223	227	233	240														
25	204	207	212	220	228														
30	186	190	196	205	214														
35	167	172	178	188	199														
40	148	153	159	170	181														
45	129	133	139	150	163														
50	110	114	119	130	143														
55	90.8	94.4	98.9	109	122														
60	73.5	75.8	79.7	87.5	99.7														
65	56.6	58.2	60.9	66.7	77.7														
70	41.1	42.0	43.4	47.3	55.4														
75	27.4	27.7	28.0	29.8	34.6														
80	15.9	15.9	15.4	15.7	17.0														
85	7.21	6.95	6.36	5.78	5.20														
90	1.14	1.22	0.92	0.85	0.41														
95	0.81	0.73	0.63	0.50	0.37														
100	0.91	0.84	0.73	0.59	0.44														
105	0.97	0.89	0.77	0.62	0.48														
110	0.97	0.88	0.77	0.62	0.49														
115	0.95	0.87	0.75	0.62	0.50														
120	0.92	0.82	0.73	0.61	0.52														
125	0.85	0.77	0.70	0.62	0.52														
130	0.79	0.74	0.68	0.62	0.54														
135	0.75	0.68	0.66	0.61	0.53														
140	0.70	0.66	0.63	0.60	0.52														
145	0.69	0.64	0.59	0.56	0.50														
150	0.63	0.59	0.58	0.52	0.47														
155	0.59	0.57	0.52	0.51	0.45														
160	0.54	0.51	0.50	0.46	0.43														
165	0.51	0.51	0.48	0.45	0.42														
170	0.49	0.49	0.50	0.48	0.42														
175	0.54	0.51	0.51	0.50	0.45														
180	0.57	0.55	0.57	0.53	0.46														

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: