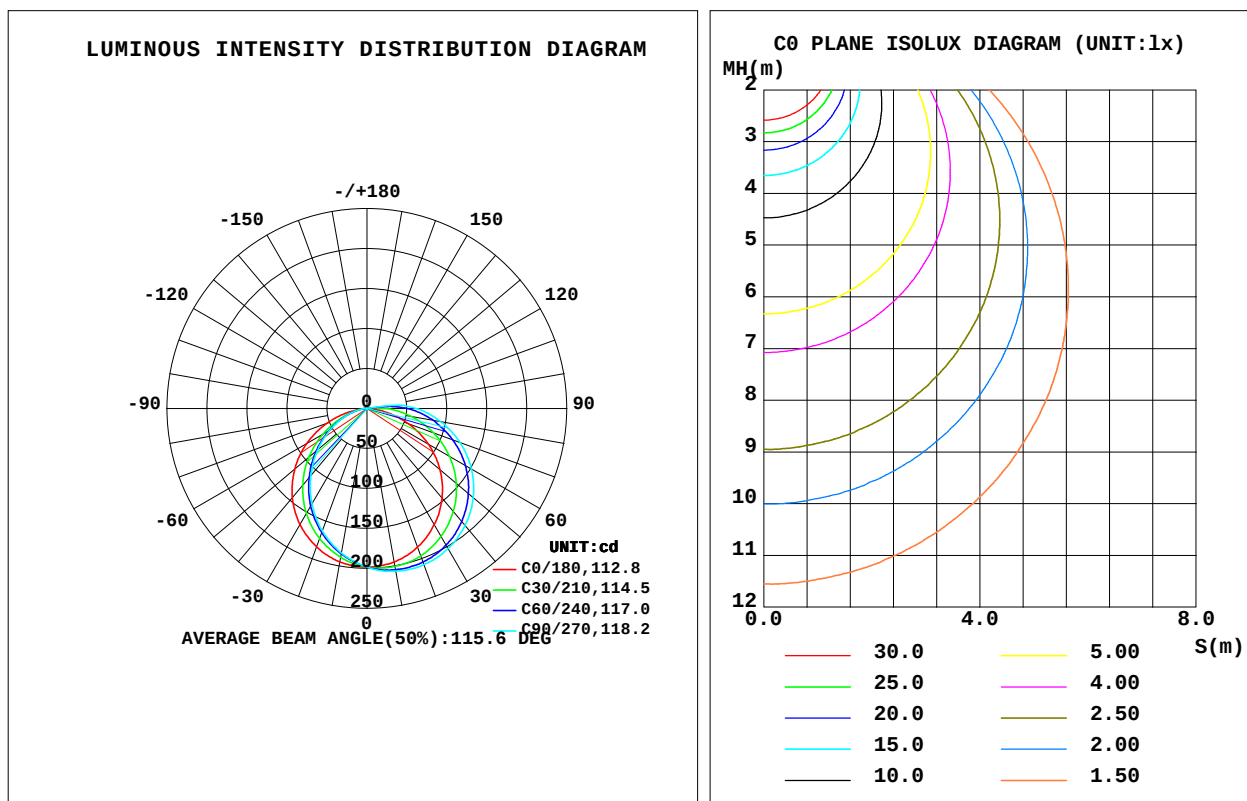


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.70lx1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.52 lm/W			
MODEL	ASD-UCB-18D8CC-WH	I _{max} (cd)	208.4	S/MH(C0/180)	1.38
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	633.70	h UP, DN(C0-180)	1.9,62.0
NOMINAL FLUX(lm)	633.701	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.2,35.8
LAMPS INSIDE	1	h up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-02

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:

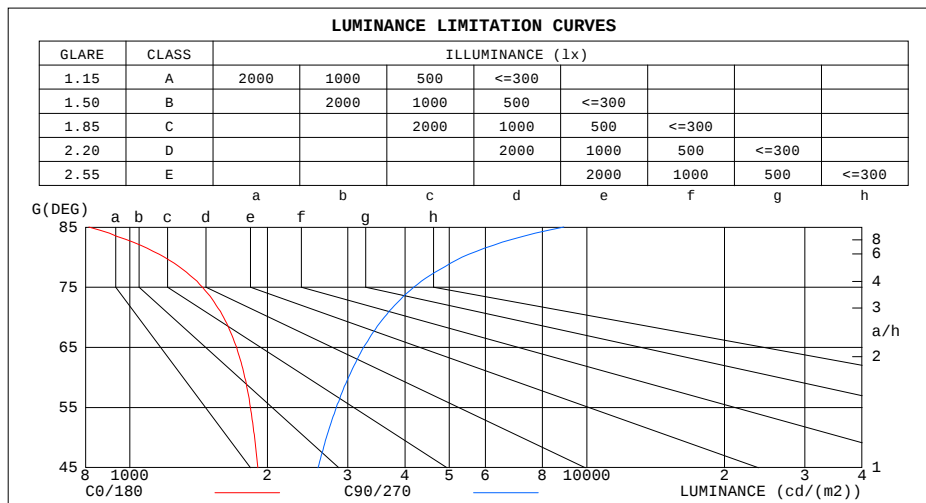
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lamp
10	195.2	203.3	206.4	202.9	194.8	186.7	183.7	186.8	0- 10	18.77	18.77	2.96
20	184.5	201.9	208.0	201.1	184.3	168.6	163.0	169.0	10- 20	53.83	72.59	11.5
30	168.1	193.0	202.6	192.0	167.6	145.2	137.7	146.0	20- 30	81.90	154.5	24.4
40	146.3	178.1	191.0	177.0	145.4	117.4	109.4	118.7	30- 40	99.47	254.0	40.1
50	119.4	158.0	173.5	156.9	118.1	87.63	80.41	88.56	40- 50	104.7	358.7	56.6
60	88.44	133.0	150.9	131.6	86.77	57.45	53.07	58.53	50- 60	97.52	456.2	72
70	54.33	103.7	123.5	102.4	52.34	30.26	29.02	31.37	60- 70	79.56	535.7	84.5
80	20.49	71.65	92.93	70.47	18.66	9.800	10.46	10.63	70- 80	54.69	590.4	93.2
90	0.4045	38.63	61.96	40.43	0.3682	0.3913	0.5280	0.4848	80- 90	29.83	620.3	97.9
100	0.2979	0.5429	6.973	0.2645	0.2481	0.5440	0.7107	0.5370	90-100	11.15	631.4	99.6
110	0.3706	0.3792	0.3096	0.3079	0.3132	0.5746	0.7555	0.5641	100-110	0.5009	631.9	99.7
120	0.4170	0.4157	0.3732	0.3562	0.3419	0.5502	0.7257	0.5363	110-120	0.4480	632.4	99.8
130	0.4335	0.4529	0.4166	0.3882	0.3563	0.5092	0.6061	0.4950	120-130	0.4103	632.8	99.9
140	0.4278	0.4631	0.4283	0.4118	0.3508	0.4729	0.5325	0.4582	130-140	0.3474	633.1	99.9
150	0.3925	0.4684	0.4491	0.4339	0.3195	0.4224	0.4892	0.4193	140-150	0.2722	633.4	99.9
160	0.3495	0.4520	0.4401	0.4093	0.2753	0.3438	0.3889	0.3619	150-160	0.1858	633.6	100
170	0.3121	0.4222	0.4078	0.3716	0.2534	0.3088	0.3457	0.3586	160-170	0.1014	633.7	100
180	0.3115	0.4061	0.4437	0.4077	0.3116	0.4067	0.4452	0.4058	170-180	0.0340	633.7	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:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	813	8901
80	1191	5338
75	1443	4183
70	1604	3603
65	1713	3248
60	1786	3009
55	1836	2832
50	1875	2693
45	1905	2579

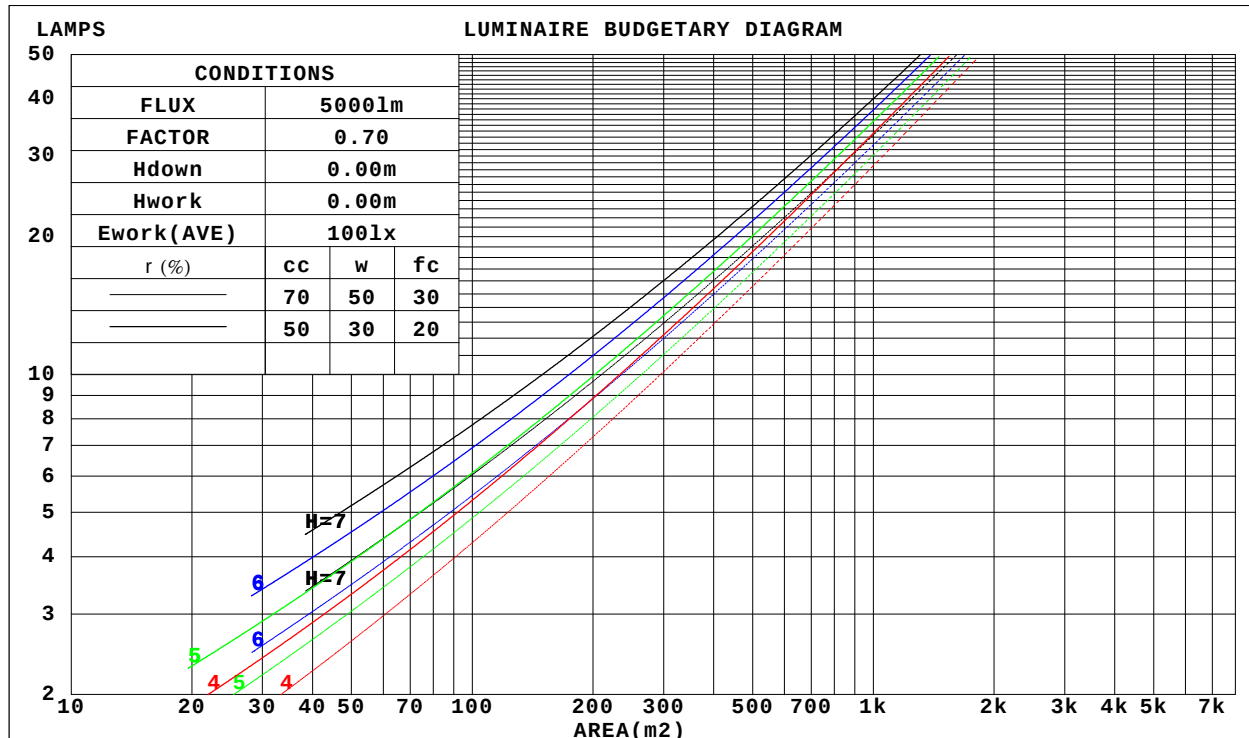
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-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: 2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm					
NAME: ASD-UCB-18D8CC-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	.349	.198	.063	.341	.195	.062	.327	.187	.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	.285	.152	.046	.279	.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	.186	.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	.069	.069	.069	.022	.022	.022	
1.0	.199	.172	.148	.171	.148	.127	.117	.102	.088	.067	.059	.051	.022	.019	.017	
2.0	.192	.148	.112	.164	.128	.096	.113	.088	.067	.065	.051	.039	.021	.017	.013	
3.0	.184	.131	.089	.158	.113	.077	.108	.078	.054	.063	.046	.032	.020	.015	.010	
4.0	.176	.118	.073	.151	.102	.064	.104	.071	.045	.060	.042	.027	.019	.014	.009	
5.0	.168	.108	.063	.145	.093	.054	.100	.065	.038	.058	.038	.023	.019	.012	.008	
6.0	.161	.099	.055	.138	.086	.048	.095	.060	.034	.055	.035	.020	.018	.012	.007	
7.0	.154	.092	.049	.132	.080	.043	.092	.056	.030	.053	.033	.018	.017	.011	.006	
8.0	.147	.087	.045	.127	.075	.039	.088	.053	.028	.051	.031	.017	.017	.010	.005	
9.0	.141	.082	.042	.122	.071	.036	.084	.050	.026	.049	.029	.015	.016	.010	.005	
10.0	.135	.077	.039	.117	.067	.034	.081	.047	.024	.047	.028	.014	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm											
NAME: ASD-UCB-18D8CC-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	15.8	17.3	16.1	17.6	17.8	17.7	19.2	18.0	19.4	19.7	
	3H	17.3	18.8	17.7	19.0	19.3	20.1	21.6	20.5	21.8	22.1
	4H	17.9	19.3	18.3	19.6	19.9	21.4	22.8	21.8	23.1	23.4
	6H	18.3	19.6	18.7	19.9	20.3	22.8	24.1	23.1	24.4	24.7
	8H	18.4	19.7	18.8	20.0	20.4	23.5	24.7	23.9	25.1	25.4
	12H	18.5	19.7	18.9	20.0	20.4	24.3	25.5	24.7	25.8	26.2
4H	2H	17.0	18.3	17.3	18.6	18.9	18.3	19.7	18.7	20.0	20.3
	3H	18.8	20.0	19.2	20.3	20.7	21.0	22.2	21.4	22.6	22.9
	4H	19.6	20.7	20.0	21.1	21.5	22.5	23.6	22.9	24.0	24.3
	6H	20.2	21.2	20.6	21.6	22.0	24.1	25.0	24.5	25.4	25.9
	8H	20.4	21.3	20.8	21.7	22.2	24.9	25.8	25.3	26.2	26.7
	12H	20.5	21.3	21.0	21.8	22.2	25.8	26.7	26.3	27.1	27.6
8H	4H	20.5	21.5	21.0	21.9	22.3	22.9	23.8	23.3	24.2	24.6
	6H	21.5	22.3	22.0	22.7	23.2	24.7	25.5	25.2	25.9	26.4
	8H	21.9	22.6	22.4	23.0	23.5	25.8	26.4	26.2	26.9	27.4
	12H	22.1	22.7	22.6	23.2	23.7	26.9	27.5	27.4	28.0	28.6
12H	4H	20.8	21.7	21.3	22.1	22.5	22.9	23.7	23.4	24.2	24.6
	6H	21.9	22.6	22.4	23.1	23.6	24.8	25.5	25.3	26.0	26.5
	8H	22.5	23.1	23.0	23.6	24.1	26.0	26.6	26.5	27.1	27.6
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, 633.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.6)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

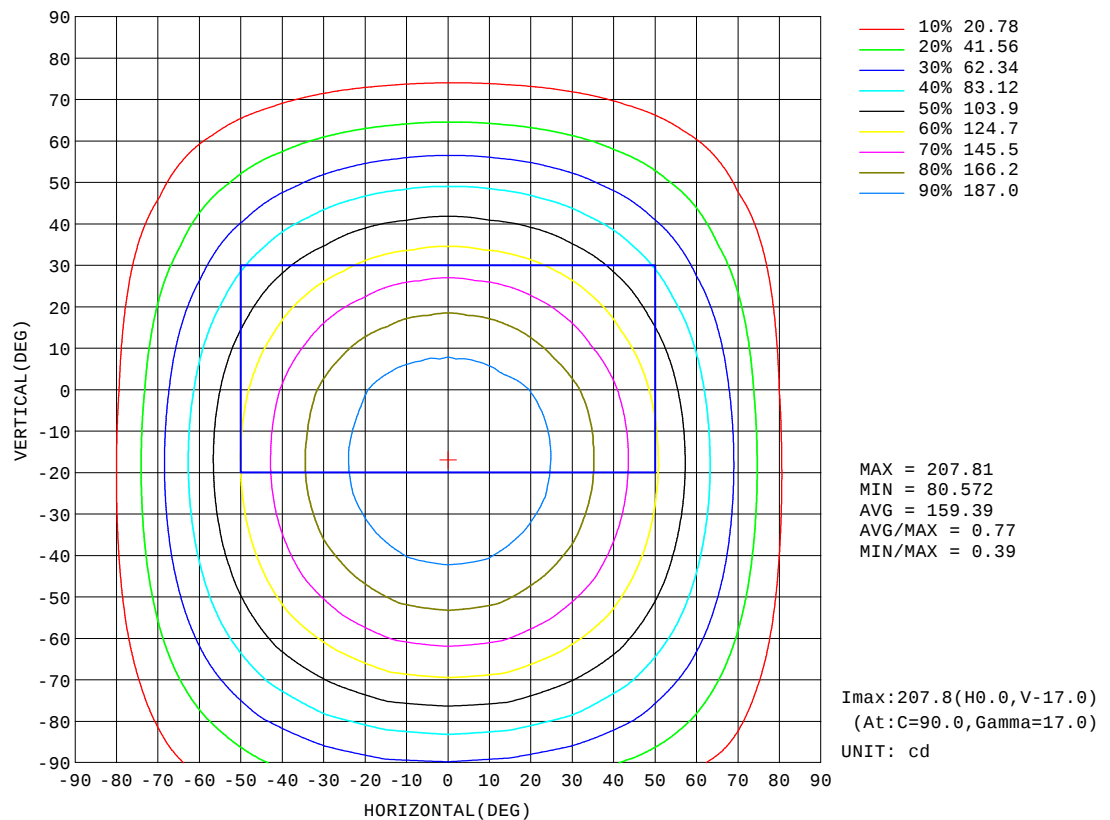
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	36	29
0.80	65	52	45	64	52	45	62	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:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.70lx1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



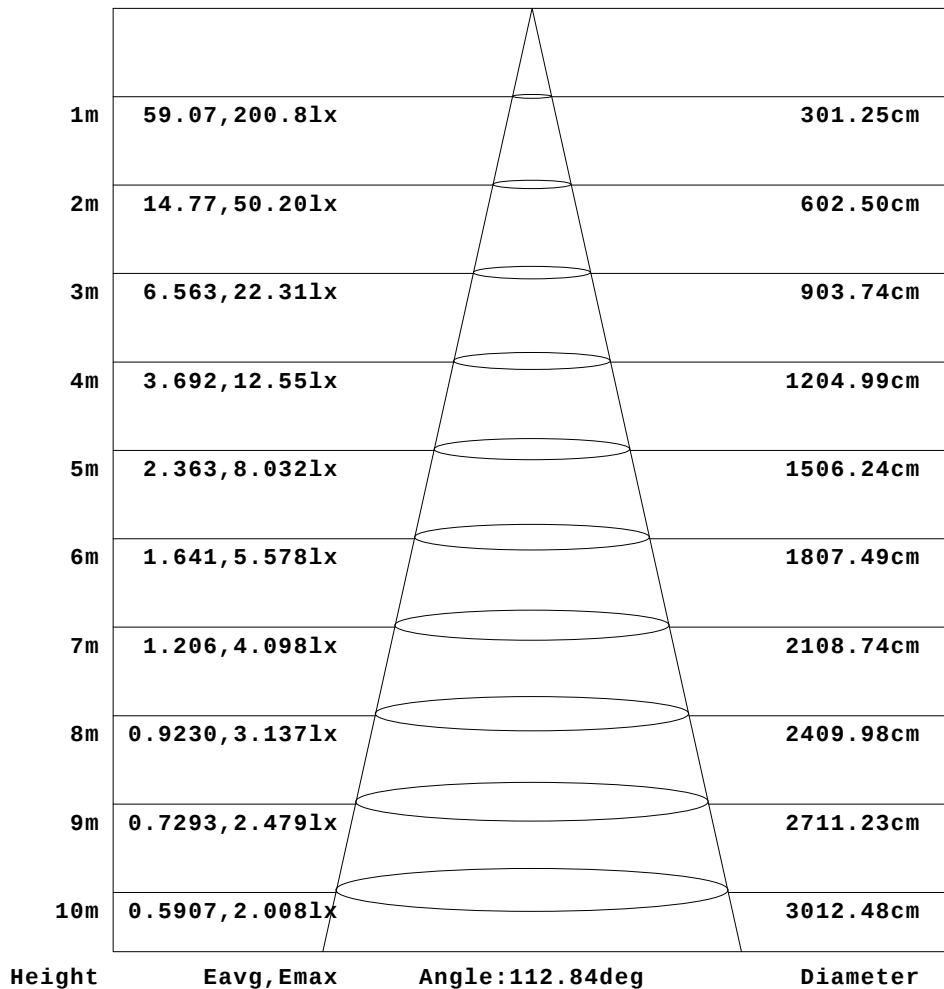
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LiuLiwen
Test Date: 2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:423.6 lm



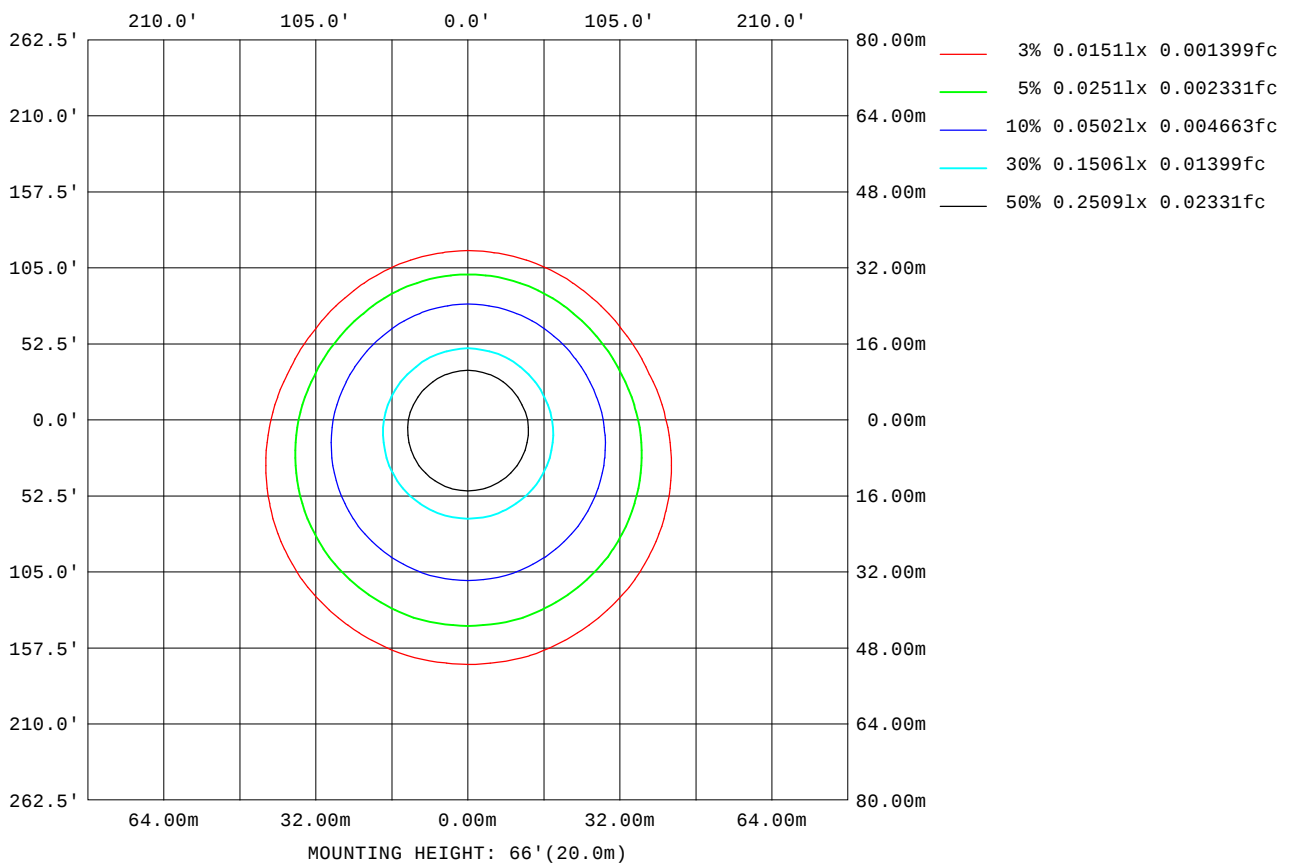
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-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: 2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

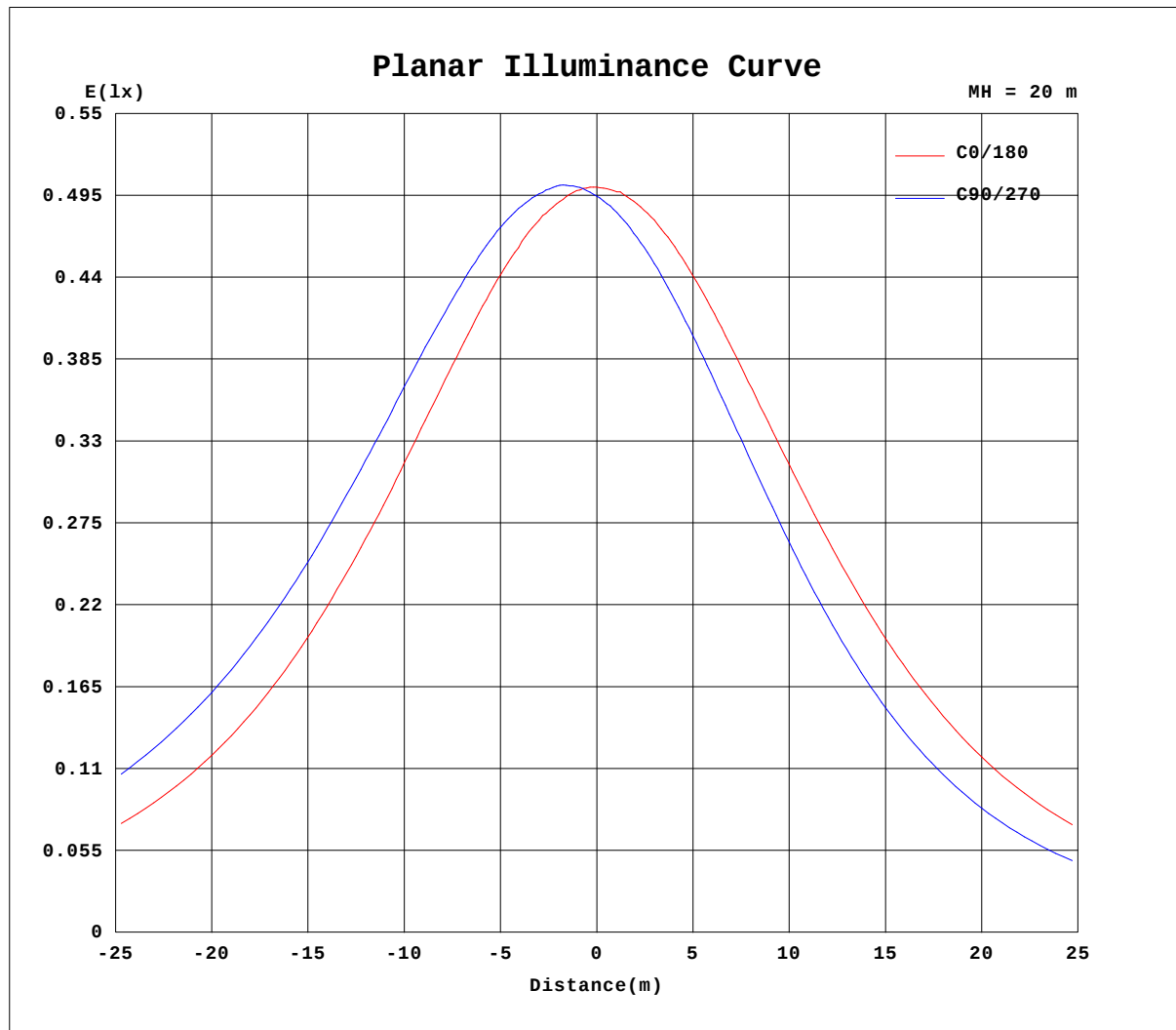
AvgL	cd/m2
L_0~180(65)av	1674
L_0~180(75)av	1388
L_0~180(85)av	731
L_90~270(65)av	2107
L_90~270(75)av	2464
L_90~270(85)av	4684
L_45(65)av	1915
L_45(75)av	2061
L_45(85)av	3368

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LiuLiwen
 Test Date:2022-12-02

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: 2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm																	
NAME: ASD-UCB-18D8CC-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	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198	198
5	197	199	200	202	203	203	204	203	202	201	201	199	197	196	195	193	192	191	192
10	195	198	201	203	205	206	206	206	204	203	201	198	195	192	189	187	185	183	184
15	191	195	199	204	205	208	208	207	205	203	199	195	190	186	182	178	176	174	174
20	185	190	196	202	204	207	208	207	204	201	196	190	184	178	173	169	165	163	163
25	177	184	192	198	202	205	206	206	202	197	191	184	176	169	163	157	154	151	151
30	168	177	185	193	198	202	203	202	197	192	185	176	168	159	152	145	141	138	138
35	158	168	177	186	192	197	198	197	192	185	177	167	157	147	139	132	127	124	124
40	146	157	168	178	184	190	191	190	184	177	168	157	145	134	125	117	113	109	109
45	133	146	158	169	176	182	183	182	175	168	157	145	132	120	111	102	97.9	94.8	94.7
50	119	133	146	158	165	172	174	172	165	157	145	132	118	105	95.1	87.6	83.2	81.0	80.4
55	104	119	133	146	155	161	163	161	154	145	132	118	103	89.3	79.1	72.3	68.6	66.8	66.5
60	88.4	104	119	133	142	150	151	149	141	132	118	103	86.8	72.7	63.1	57.4	54.5	53.2	53.1
65	71.7	88.3	104	119	129	136	138	136	128	117	103	86.7	69.8	55.7	47.5	43.3	41.3	40.4	40.5
70	54.3	71.4	88.4	104	114	122	124	122	113	102	87.3	70.0	52.3	39.0	33.0	30.3	29.2	28.9	29.0
75	37.0	54.4	72.0	87.9	98.4	107	109	107	97.8	86.6	70.8	52.8	34.9	23.7	20.2	18.9	18.8	18.7	19.0
80	20.5	37.4	55.3	71.6	83.8	91.4	92.9	91.0	83.0	70.5	54.2	35.9	18.7	11.1	10.1	9.80	10.1	10.1	10.5
85	7.02	21.7	39.4	55.5	67.3	75.3	77.8	75.3	66.8	54.7	38.4	20.7	5.73	3.06	3.17	3.29	3.52	3.67	3.86
90	0.40	8.35	23.0	38.6	50.8	59.0	62.0	60.4	52.3	40.4	24.8	9.31	0.37	0.21	0.30	0.39	0.46	0.51	0.53
95	0.25	0.29	2.58	16.8	31.7	42.1	46.2	46.7	38.0	24.6	6.87	0.24	0.19	0.27	0.36	0.46	0.54	0.60	0.62
100	0.30	0.28	0.41	0.54	1.16	1.91	6.97	2.67	2.72	0.26	0.26	0.27	0.25	0.33	0.43	0.54	0.62	0.68	0.71
105	0.34	0.31	0.37	0.40	0.36	0.30	0.27	0.27	0.27	0.27	0.29	0.29	0.29	0.36	0.47	0.57	0.67	0.73	0.75
110	0.37	0.34	0.36	0.38	0.36	0.33	0.31	0.31	0.31	0.31	0.31	0.33	0.31	0.37	0.47	0.57	0.66	0.73	0.76
115	0.40	0.37	0.38	0.39	0.36	0.35	0.34	0.33	0.33	0.33	0.33	0.35	0.33	0.38	0.47	0.56	0.65	0.71	0.74
120	0.42	0.40	0.40	0.42	0.40	0.40	0.37	0.37	0.36	0.36	0.35	0.38	0.34	0.38	0.46	0.55	0.61	0.69	0.73
125	0.42	0.41	0.43	0.44	0.42	0.42	0.41	0.39	0.38	0.38	0.37	0.38	0.34	0.38	0.46	0.53	0.57	0.64	0.67
130	0.43	0.43	0.45	0.45	0.44	0.42	0.42	0.40	0.39	0.39	0.40	0.39	0.36	0.39	0.46	0.51	0.54	0.58	0.61
135	0.43	0.43	0.46	0.46	0.44	0.43	0.43	0.41	0.39	0.40	0.41	0.39	0.35	0.38	0.45	0.49	0.50	0.54	0.59
140	0.43	0.44	0.46	0.46	0.45	0.44	0.43	0.41	0.41	0.41	0.42	0.40	0.35	0.38	0.43	0.47	0.49	0.51	0.53
145	0.42	0.43	0.46	0.46	0.46	0.45	0.45	0.44	0.43	0.42	0.43	0.38	0.34	0.36	0.41	0.44	0.47	0.50	0.53
150	0.39	0.42	0.45	0.47	0.45	0.46	0.45	0.45	0.43	0.43	0.41	0.37	0.32	0.32	0.37	0.42	0.44	0.45	0.49
155	0.37	0.41	0.45	0.46	0.46	0.46	0.45	0.43	0.43	0.43	0.40	0.35	0.30	0.30	0.36	0.37	0.41	0.43	0.44
160	0.35	0.40	0.42	0.45	0.45	0.45	0.44	0.43	0.42	0.41	0.37	0.34	0.28	0.28	0.30	0.34	0.34	0.37	0.39
165	0.32	0.37	0.40	0.43	0.44	0.43	0.41	0.40	0.40	0.38	0.34	0.32	0.25	0.26	0.27	0.31	0.34	0.33	0.34
170	0.31	0.36	0.40	0.42	0.41	0.41	0.41	0.38	0.37	0.37	0.35	0.31	0.25	0.26	0.29	0.31	0.30	0.31	0.35
175	0.30	0.34	0.39	0.42	0.42	0.44	0.42	0.40	0.39	0.39	0.36	0.32	0.27	0.29	0.31	0.34	0.33	0.34	0.37
180	0.31	0.33	0.37	0.41	0.40	0.41	0.44	0.42	0.39	0.41	0.38	0.33	0.31	0.34	0.37	0.41	0.40	0.42	0.45

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-02

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:120.14V I:0.0750A P:8.0710W PF:0.8961 Freq:59.98Hz Lamp Flux:633.701x1 lm		
NAME: ASD-UCB-18D8CC-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	198	198	198	198	198														
5	192	192	193	195	196														
10	184	185	187	190	192														
15	174	176	179	182	186														
20	163	166	169	174	179														
25	151	154	158	164	170														
30	138	141	146	153	160														
35	124	128	133	140	148														
40	110	113	119	126	135														
45	95.1	98.6	104	112	121														
50	81.3	83.8	88.6	96.4	107														
55	67.2	69.4	73.4	80.7	90.9														
60	53.7	55.4	58.5	64.7	74.5														
65	40.9	42.1	44.4	49.2	57.7														
70	29.2	30.0	31.4	34.6	41.1														
75	19.0	19.5	19.9	21.6	25.5														
80	10.4	10.7	10.6	11.2	12.5														
85	3.92	4.00	3.91	3.91	3.83														
90	0.54	0.57	0.48	0.46	0.26														
95	0.60	0.54	0.46	0.35	0.26														
100	0.68	0.62	0.54	0.42	0.32														
105	0.72	0.65	0.57	0.46	0.35														
110	0.72	0.65	0.56	0.46	0.36														
115	0.70	0.64	0.55	0.45	0.37														
120	0.68	0.61	0.54	0.45	0.38														
125	0.63	0.56	0.52	0.45	0.39														
130	0.58	0.54	0.49	0.46	0.39														
135	0.54	0.50	0.48	0.44	0.40														
140	0.51	0.48	0.46	0.44	0.39														
145	0.50	0.47	0.43	0.41	0.37														
150	0.46	0.44	0.42	0.38	0.35														
155	0.43	0.42	0.38	0.37	0.33														
160	0.39	0.36	0.36	0.34	0.32														
165	0.37	0.37	0.35	0.33	0.31														
170	0.36	0.35	0.36	0.35	0.31														
175	0.40	0.37	0.37	0.36	0.32														
180	0.41	0.39	0.41	0.38	0.33														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-02

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: