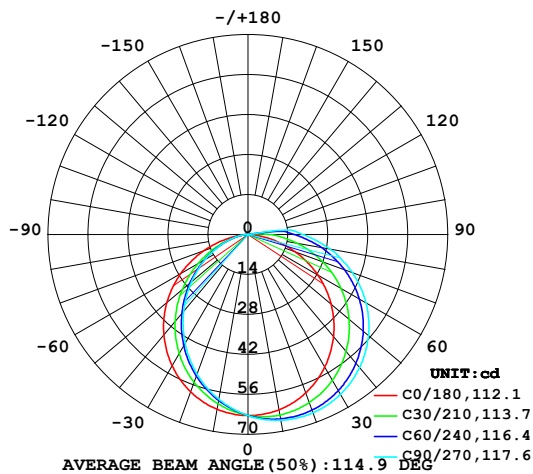


LUMINAIRE PHOTOMETRIC TEST REPORT

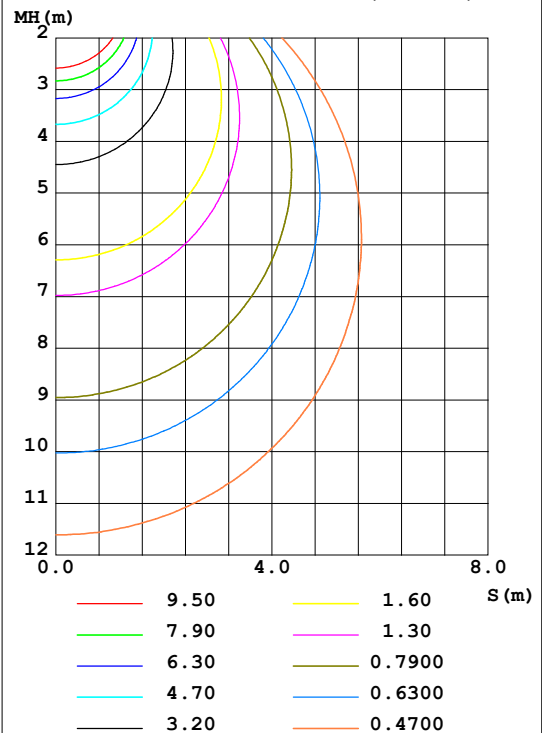
Test:U:120.23V I:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.66 lm/W			
MODEL	ASD-UCB-9D3CC-WH	I _{max} (cd)	66.59	S/MH (C0/180)	1.37
NOMINAL POWER (W)	3	LOR (%)	100.0	S/MH (C90/270)	1.19
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	201.14	h UP,DN (C0-180)	2.0,61.7
NOMINAL FLUX (lm)	201.139	CIE CLASS	DIRECT	h UP,DN (C180-360)	0.2,36.0
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 GO-SPEX500_V1 SYSTEM V2.0.402
Humidity: 65.0%
Test Distance: 3.010m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

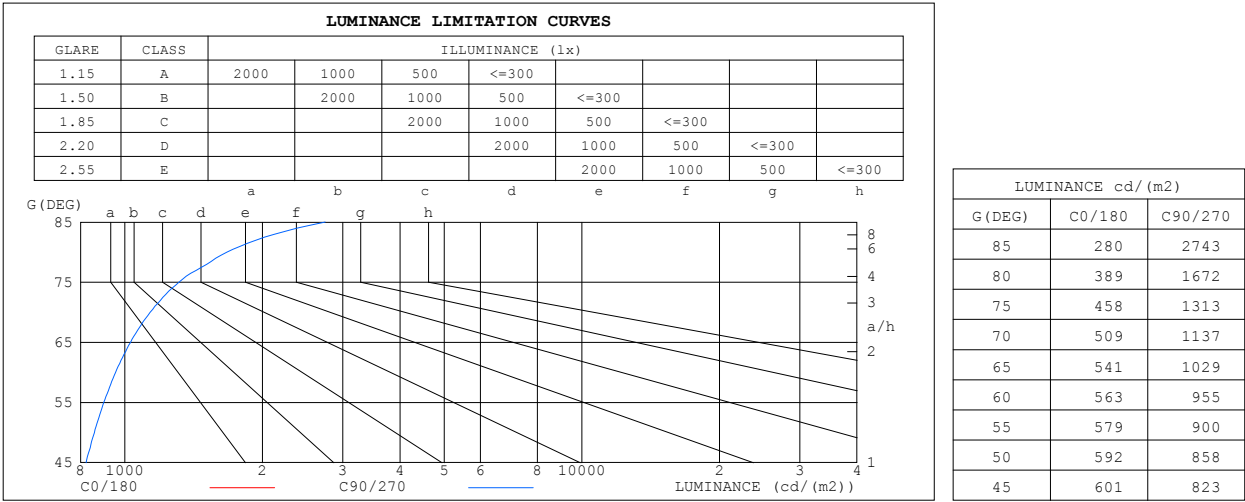
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lamp
10	62.37	64.98	66.03	64.82	62.15	59.58	58.68	59.74	0~ 10	5.998	5.998	2.98
20	59.07	64.31	66.44	64.02	58.66	53.80	52.09	54.09	10~ 20	17.20	23.19	11.5
30	53.70	61.43	64.69	61.06	53.11	46.32	44.07	46.75	20~ 30	26.14	49.33	24.5
40	46.66	56.54	60.82	56.11	45.86	37.50	35.06	38.04	30~ 40	31.70	81.03	40.3
50	38.07	49.90	55.15	49.39	37.09	27.88	25.86	28.48	40~ 50	33.29	114.3	56.8
60	28.20	41.84	47.74	41.15	27.05	18.22	17.12	18.88	50~ 60	30.91	145.2	72.2
70	17.41	32.47	38.87	31.65	16.22	9.570	9.272	10.08	60~ 70	25.10	170.3	84.7
80	6.765	22.18	29.03	21.37	5.642	3.007	3.174	3.380	70~ 80	17.11	187.4	93.2
90	0.2032	12.59	19.32	11.95	0.0482	0.1244	0.1728	0.1714	80~ 90	9.188	196.6	97.8
100	0.0932	0.1163	2.300	0.0842	0.0823	0.1800	0.2262	0.1684	90~100	3.795	200.4	99.6
110	0.1166	0.0997	0.1083	0.1011	0.1019	0.1893	0.2432	0.1815	100~110	0.1472	200.6	99.7
120	0.1301	0.1137	0.1228	0.1183	0.1146	0.1807	0.2325	0.1745	110~120	0.1430	200.7	99.8
130	0.1384	0.1291	0.1321	0.1260	0.1219	0.1617	0.1955	0.1633	120~130	0.1311	200.8	99.8
140	0.1402	0.1370	0.1375	0.1350	0.1213	0.1501	0.1700	0.1477	130~140	0.1113	200.9	99.9
150	0.1309	0.1431	0.1467	0.1372	0.1108	0.1398	0.1572	0.1365	140~150	0.0876	201.0	99.9
160	0.1115	0.1408	0.1419	0.1273	0.0915	0.1136	0.1282	0.1202	150~160	0.0598	201.1	100
170	0.1012	0.1328	0.1292	0.1208	0.0843	0.0938	0.1101	0.1123	160~170	0.0326	201.1	100
180	0.1028	0.1287	0.1442	0.1292	0.1022	0.1309	0.1470	0.1276	170~180	0.0109	201.1	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 GO-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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



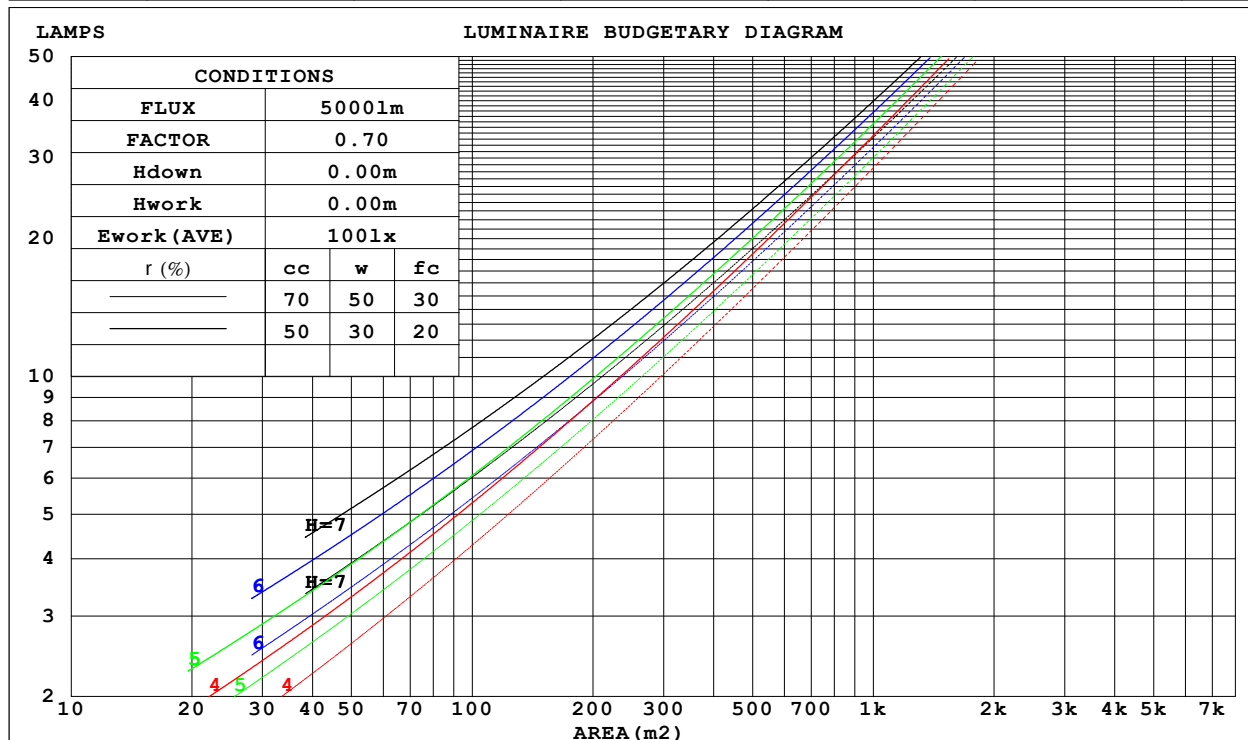
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

g Range: 0 - 180DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.01	.97	.92	.99	.94	.91	.94	.91	.87	.90	.87	.84	.86	.83	.81	.79
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.78	.73	.69	.74	.71	.67	.65
3.0	.77	.68	.61	.75	.67	.60	.71	.65	.59	.68	.62	.58	.65	.61	.56	.54
4.0	.68	.58	.51	.66	.58	.51	.63	.56	.50	.61	.54	.49	.58	.53	.48	.46
5.0	.60	.51	.44	.59	.50	.44	.57	.49	.43	.54	.48	.42	.52	.46	.42	.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	.40	.33	.46	.39	.33	.45	.38	.33	.43	.37	.32	.30
8.0	.45	.36	.30	.44	.36	.30	.42	.35	.29	.41	.34	.29	.40	.33	.29	.27
9.0	.41	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.30	.26	.24
10.0	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-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															Wall Exitance Coefficients (WEC)														
0.0																														
1.0	.347	.197	.062	.339	.193	.061	.324	.186	.059	.311	.179	.057	.298	.173	.056															
2.0	.313	.172	.053	.306	.169	.052	.293	.163	.051	.281	.158	.049	.270	.153	.048															
3.0	.284	.151	.045	.278	.149	.045	.267	.144	.044	.256	.140	.043	.246	.136	.042															
4.0	.259	.135	.040	.254	.133	.039	.244	.129	.039	.234	.126	.038	.225	.122	.037															
5.0	.238	.121	.035	.233	.120	.035	.224	.116	.034	.215	.114	.034	.207	.111	.033															
6.0	.219	.110	.031	.215	.109	.031	.207	.106	.031	.199	.103	.030	.192	.101	.030															
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.185	.095	.028	.179	.093	.027															
8.0	.189	.092	.026	.186	.091	.026	.179	.089	.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	.152	.076	.022	.148	.074	.021															

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
R _{CR}	R _{CR} :Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.208	.208	.208	.177	.177	.177	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.200	.173	.149	.171	.149	.128	.117	.102	.089	.067	.059	.051	.022	.019	.017	
2.0	.192	.149	.113	.165	.128	.097	.113	.089	.068	.065	.052	.040	.021	.017	.013	
3.0	.185	.132	.090	.158	.114	.078	.109	.079	.055	.063	.046	.032	.020	.015	.011	
4.0	.177	.119	.074	.152	.103	.065	.104	.072	.045	.060	.042	.027	.019	.014	.009	
5.0	.169	.108	.064	.145	.094	.055	.100	.066	.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	.088	.046	.128	.076	.040	.088	.053	.028	.051	.031	.017	.017	.010	.006	
9.0	.142	.083	.043	.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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm										
NAME: ASD-UCB-9D3CC-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	11.7	13.3	12.0	13.5	13.8	13.7	15.2	14.0	15.4	15.7
	3H	13.3	14.7	13.6	15.0	15.3	16.1	17.5	16.4	17.8
	4H	13.9	15.3	14.2	15.6	15.9	17.4	18.7	17.7	19.0
	6H	14.3	15.6	14.7	15.9	16.2	18.7	20.0	19.1	20.3
	8H	14.4	15.7	14.8	16.0	16.3	19.4	20.7	19.8	21.0
	12H	14.5	15.7	14.9	16.0	16.4	20.2	21.4	20.6	21.7
4H	2H	12.9	14.3	13.3	14.6	14.9	14.3	15.7	14.6	15.9
	3H	14.8	16.0	15.1	16.3	16.6	17.0	18.2	17.4	18.5
	4H	15.6	16.7	16.0	17.0	17.4	18.4	19.5	18.8	19.9
	6H	16.2	17.1	16.6	17.5	18.0	20.0	21.0	20.4	21.4
	8H	16.4	17.3	16.8	17.7	18.1	20.8	21.7	21.3	22.1
	12H	16.5	17.3	16.9	17.7	18.2	21.7	22.6	22.2	23.0
8H	4H	16.5	17.4	16.9	17.8	18.2	18.8	19.7	19.3	20.1
	6H	17.4	18.2	17.9	18.6	19.1	20.6	21.4	21.1	21.9
	8H	17.8	18.5	18.3	19.0	19.5	21.7	22.4	22.2	22.8
	12H	18.1	18.7	18.6	19.2	19.7	22.8	23.4	23.3	23.9
12H	4H	16.7	17.6	17.2	18.0	18.5	18.8	19.7	19.3	20.1
	6H	17.9	18.6	18.4	19.0	19.5	20.8	21.5	21.3	21.9
	8H	18.4	19.0	18.9	19.5	20.0	21.9	22.5	22.4	23.0
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, 201.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.6)

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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

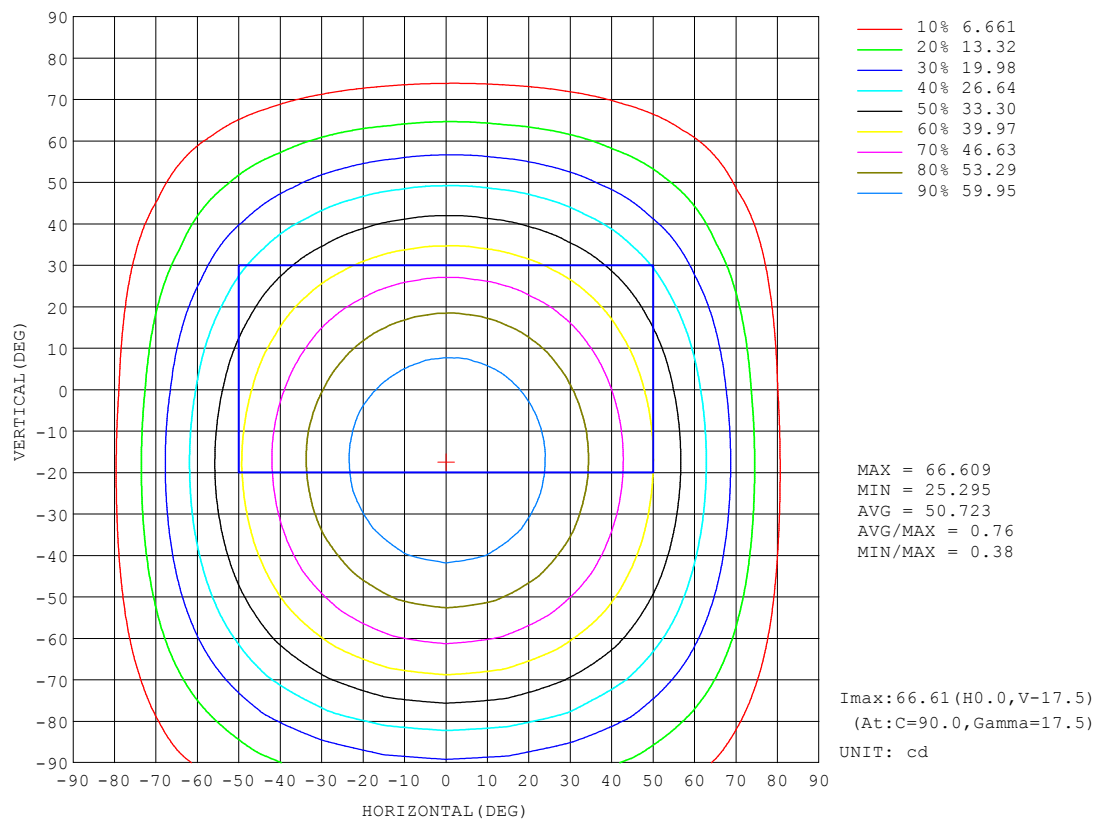
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	36	29
0.80	65	53	45	64	52	45	62	51	44	37
1.00	73	61	53	72	61	53	69	62	53	45
1.25	80	69	61	78	68	61	76	66	60	52
1.50	85	74	67	83	73	66	80	71	65	57
2.00	92	82	75	90	81	75	86	79	73	64
2.50	96	87	81	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	97	92	88	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 GO-SPEX500_V1 SYSTEM V2.0.402
Humidity:65.0%
Test Distance:3.010m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.23V I:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



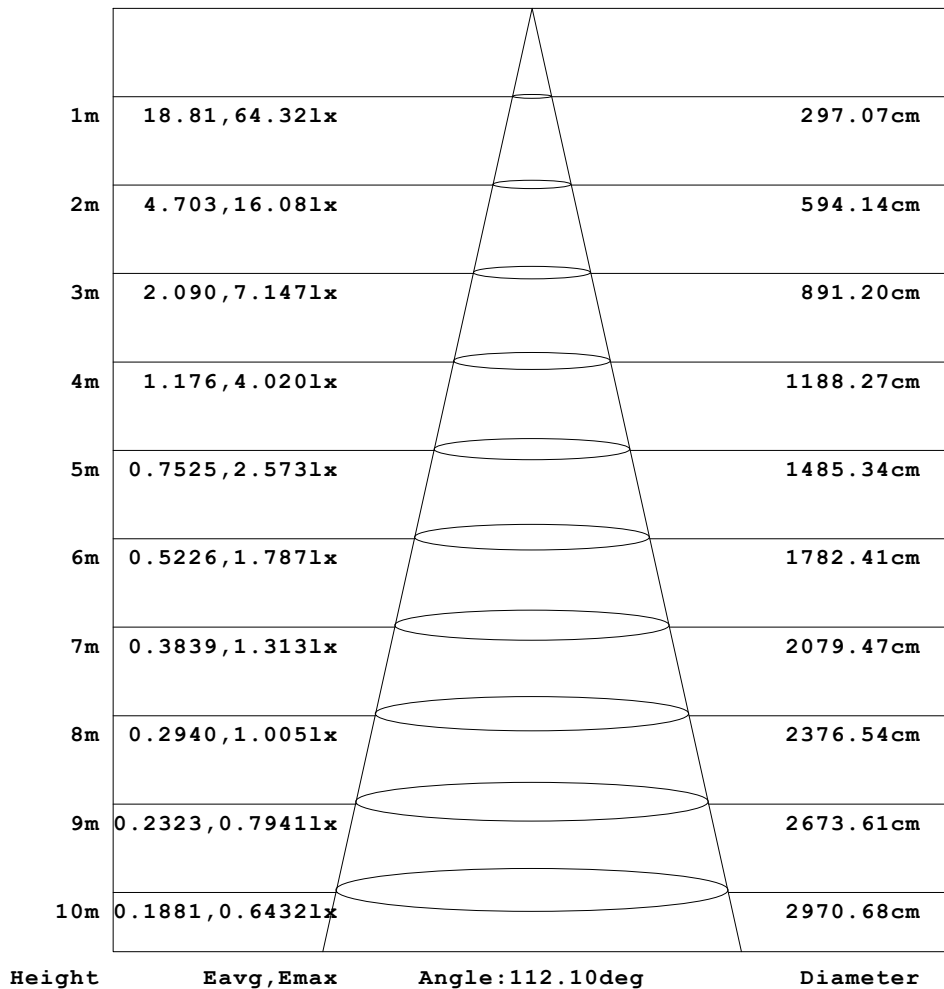
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LiuLiwen
Test Date:2022-12-06

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

AAI Figure

Test:U:120.23V I:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:134.9 lm



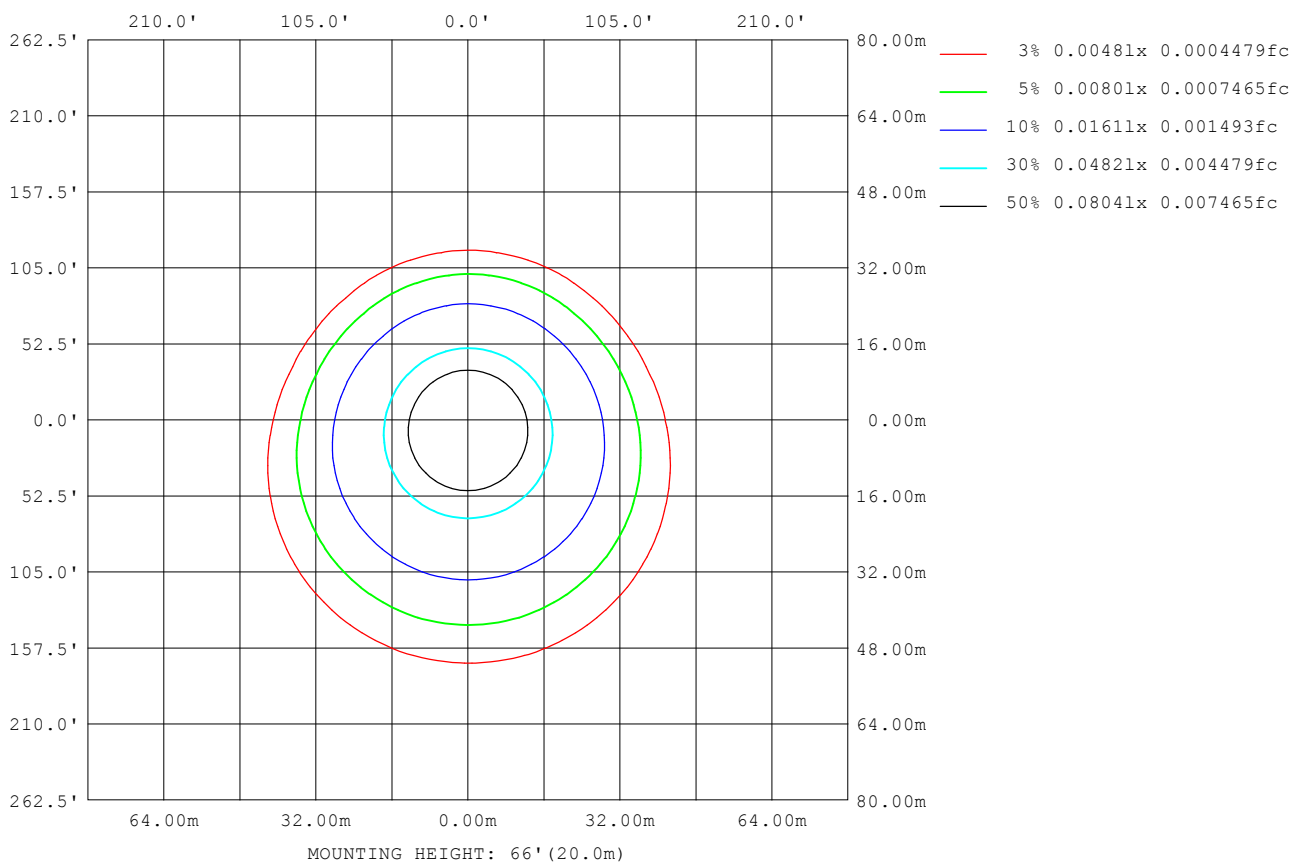
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-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 GO-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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-WH	TYPE:	WEIGHT:
SPEC.:5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

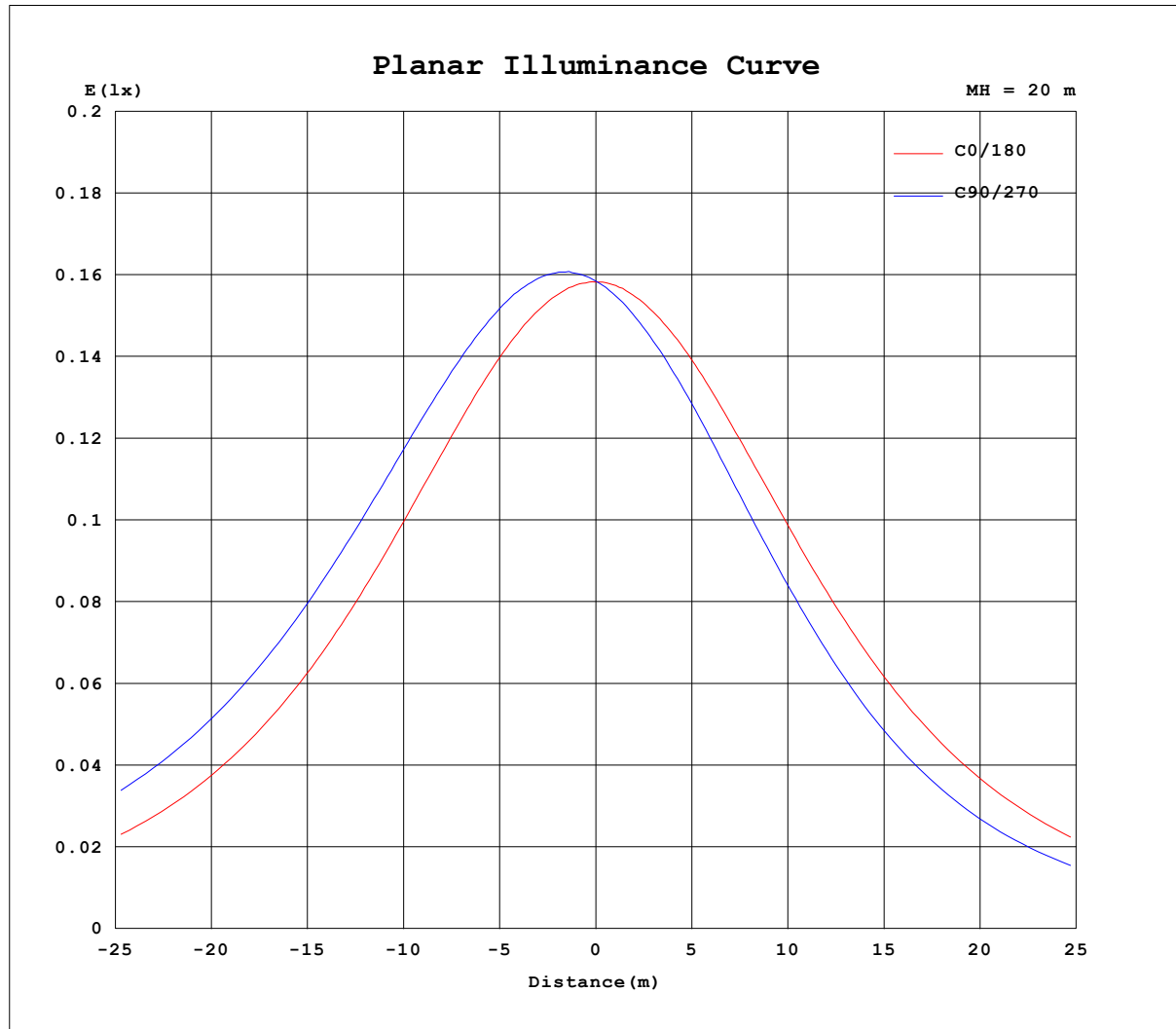
AvgL	cd/m2
L_0~180 (65) av	527
L_0~180 (75) av	437
L_0~180 (85) av	236
L_90~270 (65) av	668
L_90~270 (75) av	771
L_90~270 (85) av	1437
L_45 (65) av	603
L_45 (75) av	641
L_45 (85) av	1026

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 GO-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 GO-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:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-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	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
5	63.1	63.6	64.0	64.5	64.7	64.9	65.0	64.9	64.7	64.5	64.0	63.6	63.1	62.6	62.1	61.7	61.5	61.3	61.3
10	62.4	63.3	64.2	65.0	65.5	65.9	66.0	65.9	65.5	64.8	64.0	63.2	62.1	61.2	60.2	59.6	59.1	58.8	58.7
15	61.0	62.4	63.7	64.9	65.8	66.4	66.5	66.3	65.7	64.8	63.5	62.2	60.7	59.2	57.9	56.9	56.1	55.7	55.6
20	59.1	60.9	62.6	64.3	65.4	66.3	66.4	66.2	65.2	64.0	62.4	60.6	58.7	56.7	55.2	53.8	52.8	52.2	52.1
25	56.6	58.9	61.1	63.1	64.6	65.6	65.8	65.5	64.4	62.9	60.8	58.5	56.2	53.9	51.9	50.3	49.1	48.4	48.2
30	53.7	56.4	59.0	61.4	63.2	64.5	64.7	64.3	62.9	61.1	58.6	55.9	53.1	50.5	48.2	46.3	45.0	44.2	44.1
35	50.4	53.5	56.5	59.2	61.3	62.7	63.0	62.5	61.0	58.8	56.0	53.0	49.7	46.7	44.2	42.1	40.6	39.8	39.6
40	46.7	50.2	53.4	56.5	58.9	60.4	60.8	60.3	58.5	56.1	52.9	49.5	45.9	42.5	39.7	37.5	36.0	35.2	35.1
45	42.5	46.4	50.0	53.4	55.9	57.7	58.2	57.5	55.6	52.9	49.3	45.6	41.7	38.0	35.0	32.8	31.3	30.6	30.4
50	38.1	42.2	46.2	49.9	52.7	54.6	55.1	54.4	52.3	49.4	45.5	41.4	37.1	33.2	30.1	27.9	26.6	25.9	25.9
55	33.3	37.7	42.1	46.0	49.0	51.0	51.6	50.8	48.6	45.4	41.3	36.9	32.2	28.1	25.0	23.0	22.0	21.4	21.3
60	28.2	33.0	37.6	41.8	45.0	47.1	47.7	46.8	44.5	41.1	36.7	32.0	27.1	22.8	20.0	18.2	17.5	17.0	17.1
65	22.9	27.9	32.8	37.3	40.6	42.8	43.5	42.6	40.1	36.6	31.9	26.9	21.6	17.5	15.1	13.7	13.3	12.9	13.0
70	17.4	22.6	27.8	32.5	35.9	38.3	38.9	37.9	35.4	31.6	26.8	21.5	16.2	12.2	10.5	9.57	9.33	9.20	9.27
75	11.9	17.3	22.5	27.4	31.0	33.3	34.0	33.1	30.4	26.6	21.5	16.2	10.7	7.46	6.36	5.96	5.88	5.86	5.94
80	6.77	11.9	17.2	22.2	26.1	28.4	29.0	28.1	25.5	21.4	16.2	10.8	5.64	3.50	3.10	3.01	3.06	3.09	3.17
85	2.44	6.99	12.1	17.2	20.8	23.2	23.9	22.9	20.3	16.4	11.2	6.06	1.68	0.93	0.94	0.97	1.05	1.09	1.15
90	0.20	3.28	7.93	12.6	16.3	18.8	19.3	18.5	15.8	11.9	7.08	2.72	0.05	0.07	0.10	0.12	0.15	0.18	0.17
95	0.08	0.07	3.02	7.52	13.0	15.3	15.9	15.1	12.5	6.84	2.10	0.07	0.06	0.09	0.12	0.16	0.18	0.20	0.21
100	0.09	0.08	0.08	0.12	0.09	1.10	2.30	0.82	0.09	0.08	0.08	0.08	0.08	0.11	0.14	0.18	0.20	0.22	0.23
105	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.09	0.09	0.09	0.09	0.12	0.15	0.19	0.22	0.23	0.24
110	0.12	0.11	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.13	0.15	0.19	0.21	0.23	0.24
115	0.13	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.13	0.15	0.18	0.21	0.23	0.24
120	0.13	0.12	0.12	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.13	0.16	0.18	0.20	0.22	0.23
125	0.13	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.13	0.15	0.18	0.18	0.21	0.22
130	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.13	0.15	0.16	0.18	0.19	0.20
135	0.14	0.14	0.14	0.14	0.13	0.13	0.14	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.15	0.16	0.16	0.17	0.19
140	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.13	0.14	0.14	0.14	0.13	0.12	0.13	0.14	0.15	0.16	0.16	0.17
145	0.13	0.14	0.15	0.14	0.14	0.14	0.15	0.14	0.14	0.13	0.13	0.12	0.11	0.12	0.14	0.14	0.15	0.16	0.17
150	0.13	0.13	0.14	0.14	0.14	0.14	0.15	0.14	0.14	0.14	0.13	0.12	0.11	0.11	0.12	0.14	0.14	0.15	0.16
155	0.12	0.13	0.14	0.14	0.15	0.14	0.14	0.14	0.14	0.13	0.13	0.11	0.10	0.10	0.12	0.12	0.13	0.13	0.14
160	0.11	0.13	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.11	0.09	0.09	0.10	0.11	0.11	0.12	0.13
165	0.10	0.12	0.13	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.11	0.10	0.09	0.09	0.09	0.10	0.10	0.10	0.11
170	0.10	0.11	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.11	0.09	0.08	0.09	0.09	0.09	0.10	0.10	0.11
175	0.10	0.12	0.13	0.14	0.14	0.14	0.13	0.13	0.13	0.12	0.12	0.10	0.09	0.10	0.10	0.11	0.10	0.11	0.12
180	0.10	0.11	0.12	0.13	0.13	0.13	0.14	0.13	0.13	0.13	0.12	0.10	0.10	0.11	0.12	0.13	0.13	0.14	0.15

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.23V I:0.0265A P:3.0635W PF:0.9613 Freq:59.98Hz Lamp Flux:201.139x1 lm		
NAME: ASD-UCB-9D3CC-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	63.4	63.4	63.4	63.4	63.4														
5	61.3	61.5	61.9	62.2	62.7														
10	58.8	59.2	59.7	60.5	61.3														
15	55.8	56.3	57.2	58.2	59.5														
20	52.3	53.0	54.1	55.5	57.2														
25	48.5	49.3	50.7	52.3	54.3														
30	44.4	45.3	46.7	48.7	51.0														
35	40.0	41.0	42.6	44.7	47.3														
40	35.4	36.4	38.0	40.4	43.2														
45	30.8	31.7	33.4	35.8	38.8														
50	26.1	27.0	28.5	30.9	34.1														
55	21.6	22.4	23.7	25.9	29.1														
60	17.2	17.9	18.9	20.8	23.9														
65	13.1	13.7	14.3	15.9	18.6														
70	9.36	9.69	10.1	11.2	13.3														
75	6.02	6.20	6.43	7.04	8.41														
80	3.23	3.31	3.38	3.60	4.20														
85	1.16	1.20	1.19	1.22	1.29														
90	0.18	0.19	0.17	0.17	0.10														
95	0.19	0.17	0.15	0.11	0.08														
100	0.22	0.20	0.17	0.13	0.10														
105	0.23	0.21	0.18	0.14	0.11														
110	0.23	0.21	0.18	0.14	0.11														
115	0.23	0.21	0.18	0.15	0.12														
120	0.22	0.20	0.17	0.15	0.12														
125	0.21	0.18	0.17	0.15	0.12														
130	0.18	0.18	0.16	0.15	0.12														
135	0.18	0.16	0.15	0.14	0.13														
140	0.16	0.16	0.15	0.14	0.13														
145	0.16	0.15	0.14	0.13	0.12														
150	0.15	0.14	0.14	0.12	0.11														
155	0.14	0.14	0.12	0.12	0.11														
160	0.13	0.12	0.12	0.11	0.10														
165	0.12	0.12	0.11	0.11	0.10														
170	0.12	0.11	0.11	0.11	0.10														
175	0.13	0.12	0.12	0.12	0.10														
180	0.13	0.13	0.13	0.12	0.10														

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: