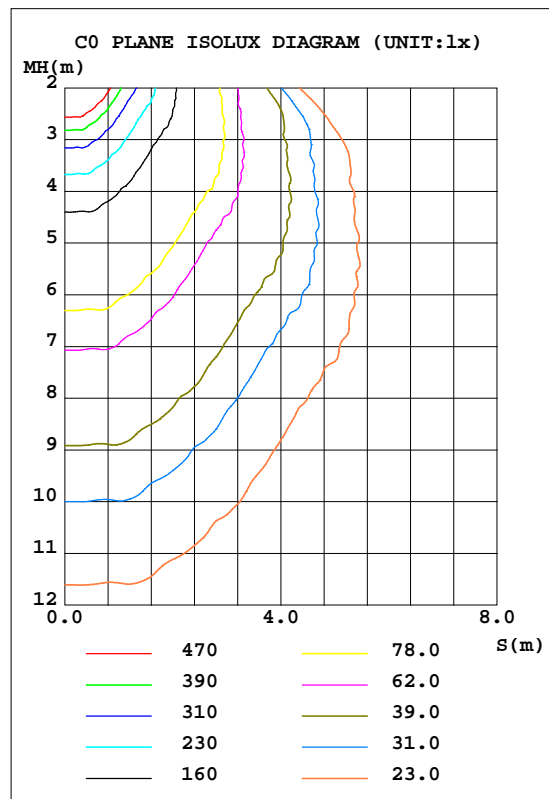
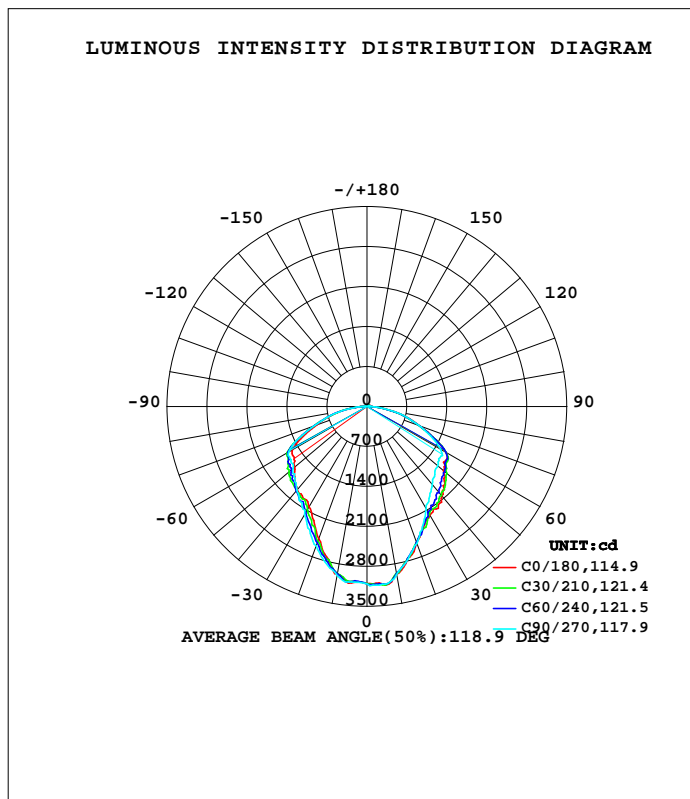


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.46 lm/W			
MODEL	ASD-LBL1-70D40-PC-BZ	I _{max} (cd)	3157	S/MH(C0/180)	0.99
NOMINAL POWER(W)		LOR(%)	99.6	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	8716.7	h UP, DN(C0-180)	1.1, 48.5
NOMINAL FLUX(lm)	8750	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.0, 49.1
LAMPS INSIDE	1	h up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

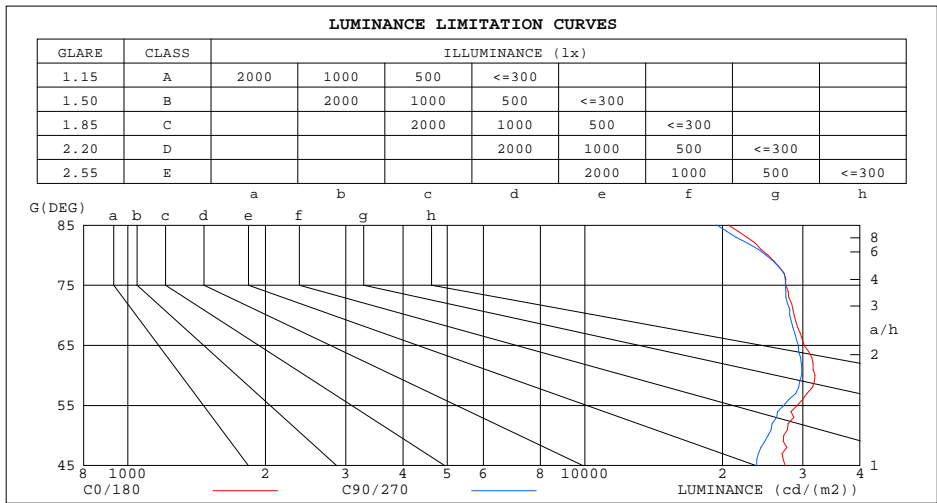
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	2987	2993	2997	2991	2975	2945	3007	3013	0- 10	293.3	293.3	3.36,3.35
20	2541	2552	2555	2521	2468	2513	2602	2618	10- 20	780.6	1074	12.3,12.3
30	2196	2217	2078	2050	2030	2106	2187	2187	20- 30	1073	2147	24.6,24.5
40	2042	2030	1781	1828	1907	1919	1914	1970	30- 40	1264	3411	39.1,39
50	1750	1788	1617	1676	1659	1730	1695	1717	40- 50	1408	4819	55.3,55.1
60	1596	1596	1490	1550	1500	1561	1580	1545	50- 60	1476	6295	72.2,71.9
70	982.9	983.5	961.0	953.9	934.2	963.8	971.9	978.4	60- 70	1264	7559	86.7,86.4
80	436.7	425.5	432.5	436.5	443.8	446.3	443.7	438.3	70- 80	739.4	8299	95.2,94.8
90	73.09	72.59	79.37	87.55	90.65	87.17	77.19	81.28	80- 90	233.9	8533	97.9,97.5
100	39.46	35.15	38.39	35.43	37.74	33.62	34.51	36.82	90-100	56.95	8590	98.5,98.2
110	31.86	21.56	31.49	17.13	26.40	16.54	30.92	20.80	100-110	32.30	8622	98.9,98.5
120	35.04	24.55	23.75	23.37	21.93	22.76	21.51	22.59	110-120	23.27	8645	99.2,98.8
130	30.23	21.86	24.64	20.72	22.40	21.33	23.90	22.37	120-130	20.03	8665	99.4,99
140	38.91	23.34	24.70	21.67	30.58	20.56	24.44	22.24	130-140	20.29	8686	99.6,99.3
150	23.39	18.78	19.53	19.40	21.82	19.03	18.75	18.12	140-150	14.15	8700	99.8,99.4
160	20.13	20.24	20.27	20.27	20.02	19.96	19.84	19.84	150-160	9.053	8709	99.9,99.5
170	20.97	21.13	21.22	21.25	21.00	21.09	20.89	20.97	160-170	5.827	8715	100,99.6
180	21.58	21.80	21.66	21.87	21.60	21.84	21.65	21.88	170-180	2.038	8717	100,99.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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	20600	19450
80	25151	24907
75	27529	27429
70	28739	28098
65	30187	29318
60	31915	29804
55	29136	27242
50	27232	25157
45	27429	23783

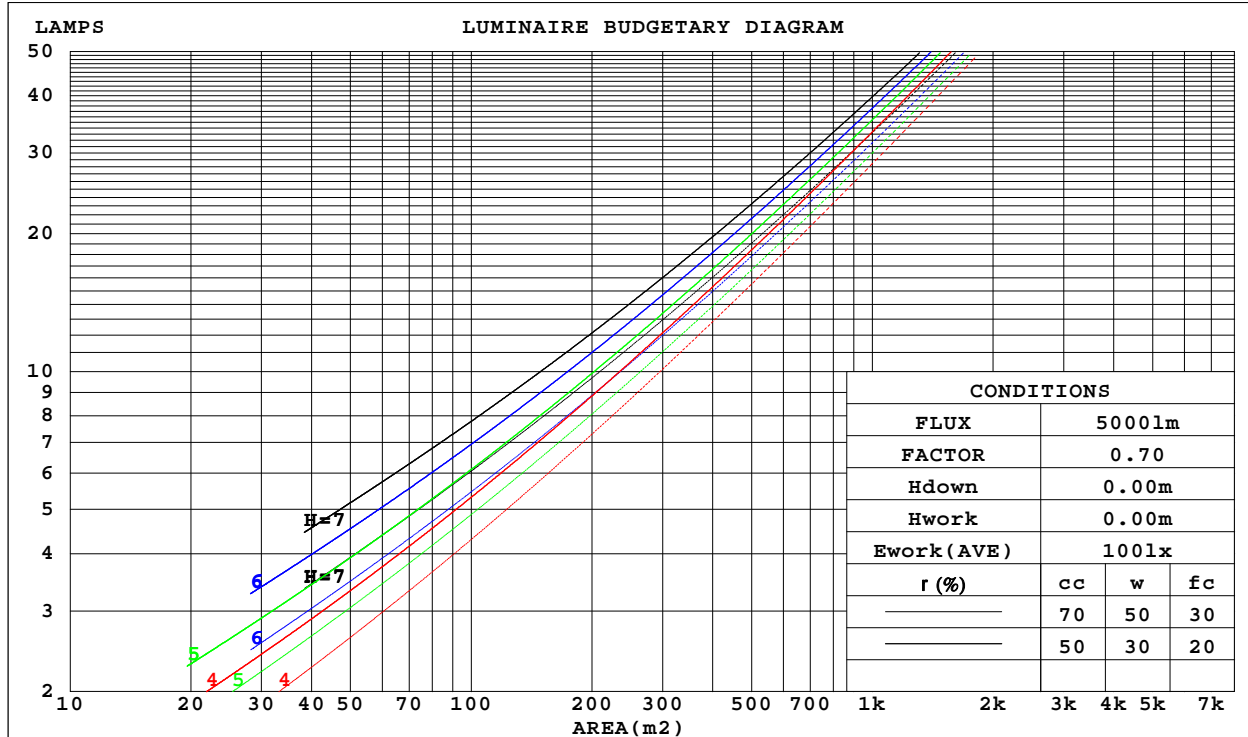
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-09

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=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.98
1.0	1.02	.97	.93	.99	.95	.91	.95	.91	.88	.90	.88	.85	.86	.84	.82	.80
2.0	.88	.81	.74	.86	.79	.73	.82	.76	.71	.78	.73	.69	.75	.71	.68	.65
3.0	.77	.68	.61	.75	.67	.60	.71	.65	.59	.68	.63	.58	.65	.61	.56	.54
4.0	.67	.58	.51	.66	.57	.51	.63	.56	.50	.60	.54	.49	.58	.53	.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	.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	.38	.31	.26	.36	.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:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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	.331	.188	.060	.324	.185	.059	.309	.177	.057	.296	.171	.055	.283	.164	.053	
2.0	.308	.169	.052	.301	.166	.051	.288	.160	.050	.276	.155	.048	.265	.150	.047	
3.0	.282	.150	.045	.276	.148	.044	.264	.143	.044	.254	.139	.043	.244	.135	.042	
4.0	.258	.134	.039	.253	.132	.039	.243	.129	.038	.233	.125	.038	.224	.122	.037	
5.0	.237	.121	.035	.232	.119	.035	.223	.116	.034	.215	.113	.034	.207	.111	.033	
6.0	.219	.110	.031	.215	.108	.031	.206	.106	.031	.199	.103	.030	.192	.101	.030	
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	
8.0	.189	.092	.026	.185	.091	.026	.179	.089	.025	.173	.087	.025	.167	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.162	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.163	.079	.022	.157	.077	.022	.152	.076	.021	.147	.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
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.197	.171	.148	.169	.147	.128	.115	.101	.088	.066	.059	.051	.021	.019	.017	
2.0	.190	.148	.112	.163	.127	.097	.112	.088	.067	.064	.051	.040	.021	.017	.013	
3.0	.183	.130	.089	.157	.112	.077	.108	.078	.054	.062	.046	.032	.020	.015	.010	
4.0	.175	.117	.073	.150	.101	.063	.103	.071	.045	.060	.041	.026	.019	.013	.009	
5.0	.168	.107	.062	.144	.093	.054	.099	.065	.038	.057	.038	.023	.019	.012	.007	
6.0	.160	.099	.055	.138	.086	.048	.095	.060	.034	.055	.035	.020	.018	.012	.007	
7.0	.153	.092	.049	.132	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
8.0	.147	.086	.045	.126	.075	.039	.087	.052	.028	.051	.031	.016	.016	.010	.005	
9.0	.140	.081	.041	.121	.071	.036	.084	.050	.026	.049	.029	.015	.016	.010	.005	
10.0	.134	.077	.039	.116	.067	.034	.080	.047	.024	.047	.028	.014	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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	24.6	26.3	25.0	26.6	27.0	24.2	25.9	24.6	26.2	26.6
3H	26.5	28.0	26.9	28.3	28.8	26.1	27.7	26.6	28.0	28.4
4H	27.2	28.6	27.6	29.0	29.4	26.9	28.3	27.3	28.7	29.1
6H	27.7	29.1	28.2	29.5	29.9	27.5	28.8	28.0	29.2	29.7
8H	27.9	29.2	28.4	29.6	30.0	27.7	28.9	28.1	29.4	29.8
12H	28.0	29.2	28.5	29.6	30.1	27.8	29.0	28.3	29.4	29.9
4H 2H	25.3	26.7	25.7	27.1	27.5	24.9	26.3	25.4	26.7	27.2
3H	27.3	28.5	27.7	28.9	29.4	27.0	28.3	27.5	28.7	29.1
4H	28.2	29.2	28.6	29.7	30.2	28.0	29.0	28.4	29.5	30.0
6H	28.8	29.8	29.3	30.3	30.8	28.7	29.6	29.2	30.1	30.6
8H	29.1	30.0	29.6	30.4	31.0	28.9	29.8	29.4	30.3	30.8
12H	29.2	30.0	29.7	30.5	31.1	29.1	29.9	29.6	30.4	30.9
8H 4H	28.5	29.4	29.0	29.9	30.4	28.3	29.2	28.8	29.7	30.2
6H	29.3	30.1	29.8	30.6	31.1	29.2	29.9	29.7	30.5	31.0
8H	29.6	30.3	30.1	30.8	31.3	29.5	30.2	30.0	30.7	31.2
12H	29.8	30.4	30.4	30.9	31.5	29.7	30.3	30.2	30.8	31.4
12H 4H	28.5	29.3	29.0	29.9	30.4	28.4	29.2	28.9	29.7	30.2
6H	29.4	30.1	29.9	30.6	31.1	29.3	29.9	29.8	30.4	31.0
8H	29.7	30.3	30.3	30.8	31.4	29.6	30.2	30.2	30.7	31.3
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:2021-03-09

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=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

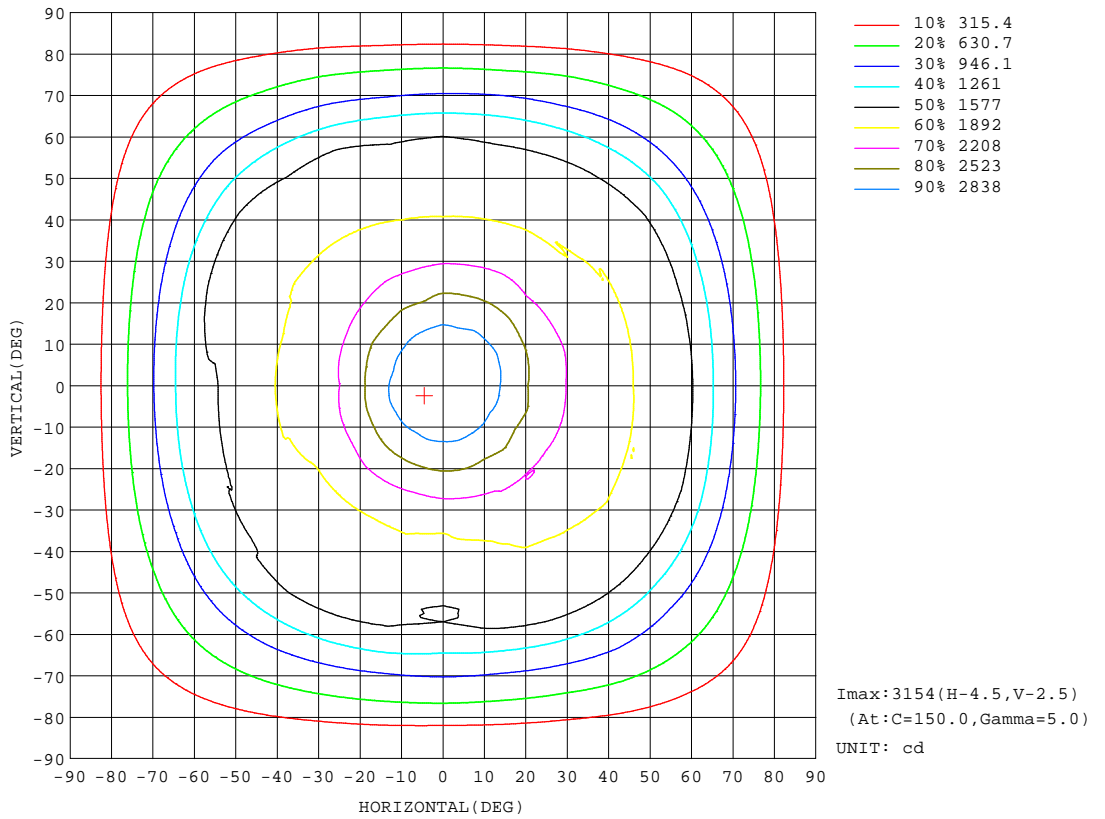
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	61	53	71	60	52	69	61	52	44
1.25	79	68	61	78	67	60	75	66	59	51
1.50	85	74	66	83	73	66	79	71	65	57
2.00	92	83	76	90	81	75	86	79	73	64
2.50	96	88	81	94	86	80	90	83	78	69
3.00	100	92	86	97	90	85	93	87	83	73
4.00	104	98	93	101	96	91	97	92	88	79
5.00	107	101	97	104	99	95	99	95	92	82
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: 2021-03-09

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=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

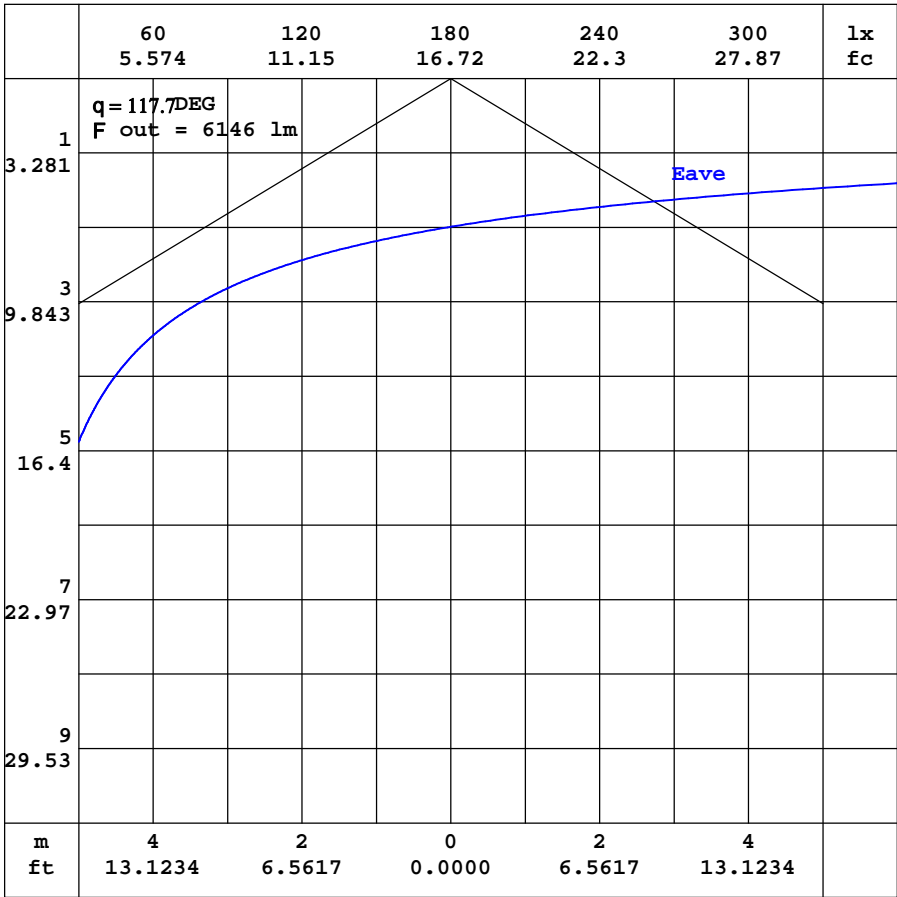


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

AAI CURVES

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



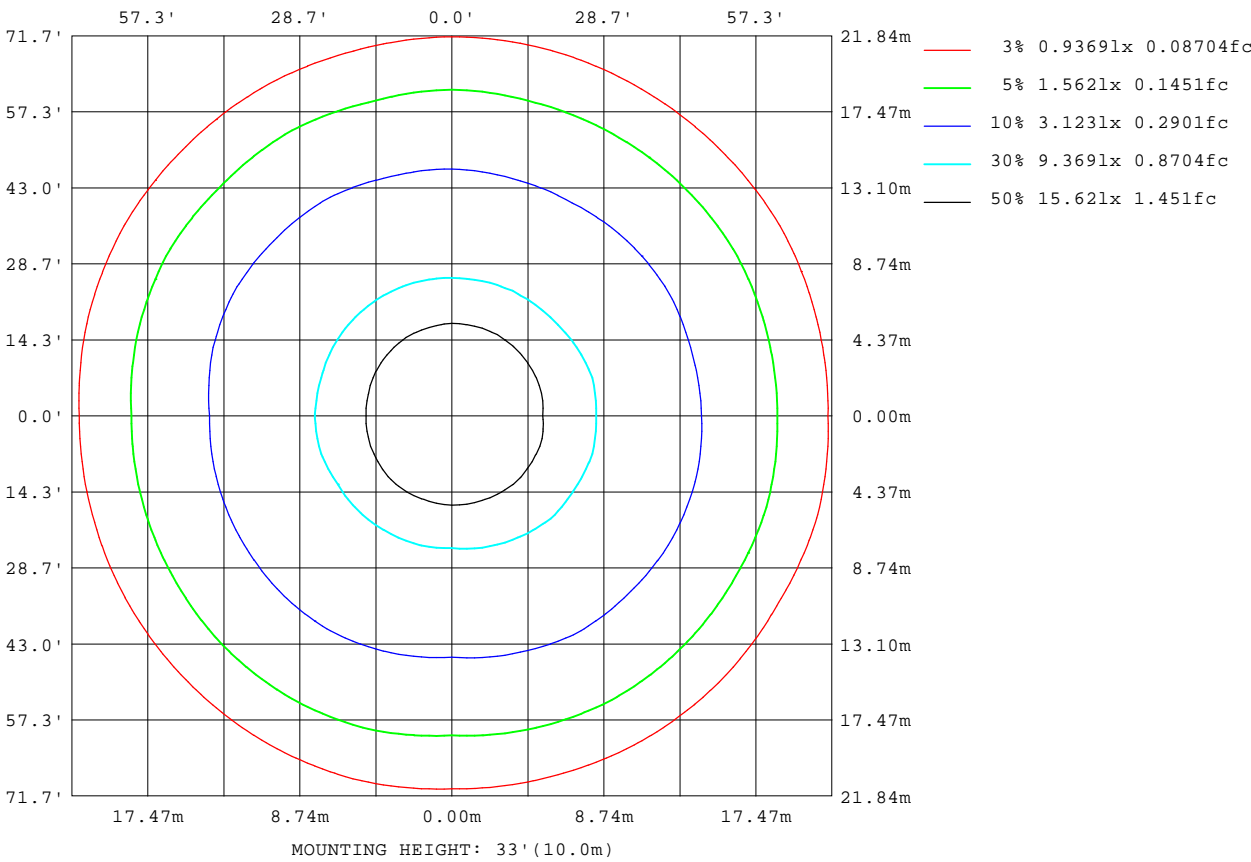
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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: 2021-03-09

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=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

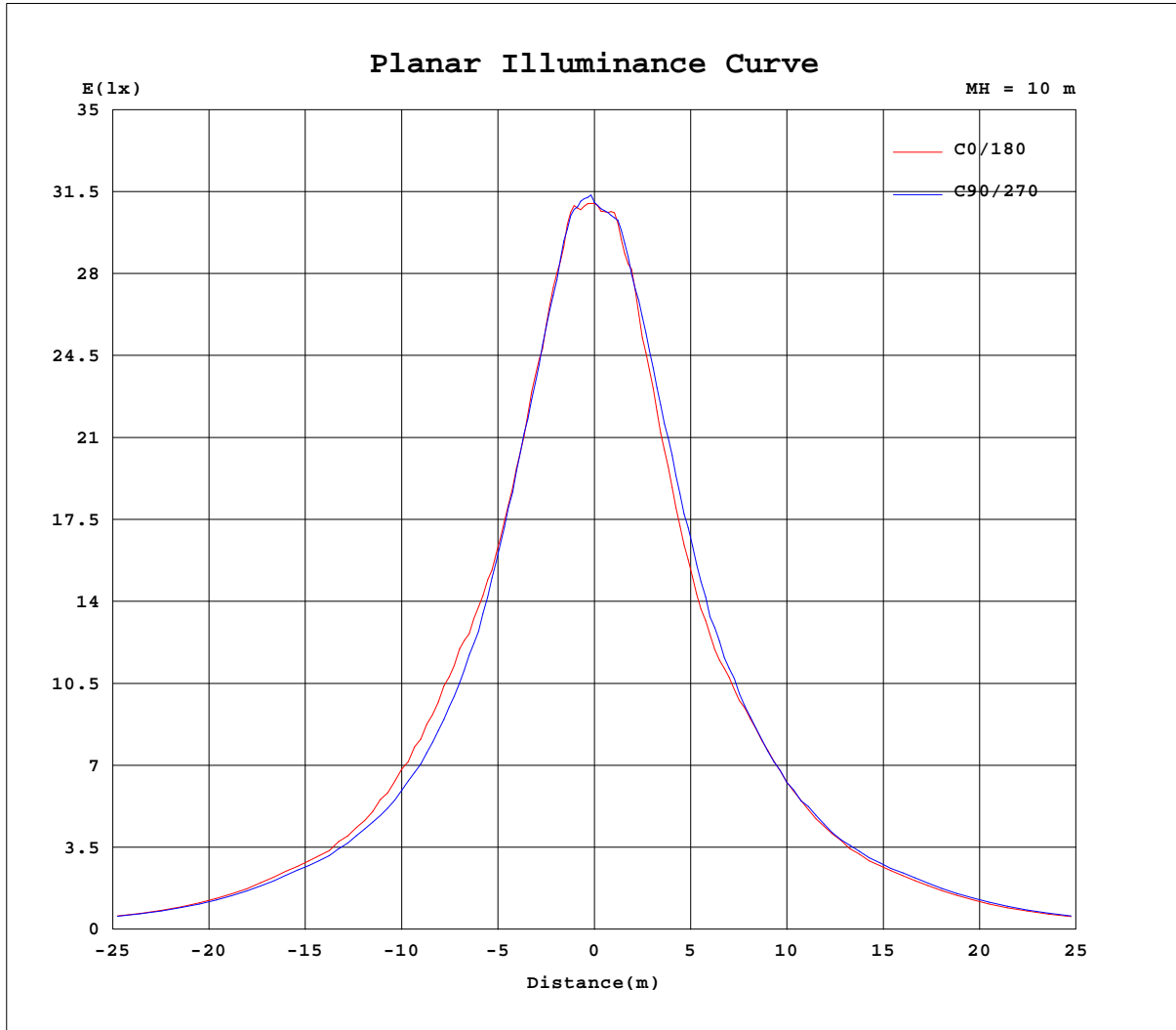
AvgL	cd/m2
L_0~180(65)av	29691
L_0~180(75)av	26967
L_0~180(85)av	22194
L_90~270(65)av	30186
L_90~270(75)av	27347
L_90~270(85)av	20763
L_45(65)av	30513
L_45(75)av	27187
L_45(85)av	21845

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-09

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=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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	3101	3099	3101	3100	3108	3101	3105	3104	3104	3106	3104	3103	3101	3099	3101	3100	3108	3101	3105
5	3116	3119	3134	3124	3117	3128	3122	3135	3145	3138	3157	3142	3101	3079	3072	3079	3076	3071	3085
10	2987	2982	2964	2993	2970	3004	2997	3034	3005	2991	2980	2954	2975	2995	2970	2945	2978	2975	3007
15	2754	2756	2758	2762	2752	2777	2771	2762	2765	2775	2765	2760	2731	2756	2756	2752	2774	2789	2826
20	2541	2552	2534	2552	2535	2561	2555	2533	2527	2521	2507	2466	2468	2498	2516	2513	2541	2576	2602
25	2343	2366	2355	2338	2315	2319	2309	2302	2288	2286	2259	2243	2205	2252	2286	2302	2332	2348	2383
30	2196	2196	2188	2217	2136	2102	2078	2084	2049	2050	2030	2035	2030	2038	2091	2106	2141	2141	2187
35	2178	2145	2133	2079	2057	1962	1915	1920	1903	1912	1912	1966	1961	1927	1982	1992	2024	2023	2032
40	2042	2067	2035	2030	1968	1841	1781	1791	1816	1828	1835	1897	1907	1895	1925	1919	1931	1933	1914
45	1940	1945	1943	1883	1853	1742	1682	1687	1720	1746	1753	1798	1778	1846	1863	1839	1837	1824	1776
50	1750	1825	1828	1788	1778	1679	1617	1628	1670	1676	1658	1666	1659	1739	1779	1730	1728	1688	1695
55	1671	1701	1704	1685	1686	1612	1563	1603	1634	1621	1588	1572	1555	1647	1688	1675	1689	1623	1623
60	1596	1607	1597	1596	1597	1557	1490	1548	1546	1550	1513	1511	1500	1576	1617	1561	1601	1546	1580
65	1276	1315	1278	1293	1279	1251	1239	1276	1274	1258	1250	1236	1234	1283	1312	1308	1309	1296	1312
70	983	977	954	984	963	950	961	952	953	954	942	913	934	958	985	964	978	957	972
75	713	704	701	707	700	699	710	704	705	699	683	666	683	700	702	693	711	698	706
80	437	436	423	426	422	428	433	435	435	436	436	433	444	456	450	446	453	438	444
85	180	177	168	169	163	167	170	180	180	193	197	203	207	212	213	206	202	192	192
90	73.1	72.1	70.2	72.6	74.0	76.5	79.4	82.6	83.7	87.6	90.1	90.5	90.7	91.1	89.5	87.2	85.1	79.0	77.2
95	48.8	48.0	45.5	45.1	44.8	46.3	48.5	49.2	47.2	48.6	51.0	54.6	54.2	55.2	51.3	47.5	45.0	44.8	44.6
100	39.5	38.9	35.4	35.1	36.0	37.3	38.4	38.8	36.8	35.4	36.6	37.6	37.7	38.0	34.7	33.6	33.0	34.1	34.5
105	35.3	34.1	30.1	28.0	27.9	32.5	34.2	33.6	29.6	25.8	26.2	31.6	33.1	31.6	26.2	24.0	28.0	31.5	32.7
110	31.9	29.6	27.0	21.6	23.6	27.9	31.5	28.5	24.6	17.1	20.0	23.4	26.4	23.9	20.9	16.5	23.9	27.6	30.9
115	37.7	29.7	25.9	21.6	22.2	23.5	25.1	23.8	22.8	20.1	17.9	20.5	24.1	20.0	18.2	18.8	21.5	22.5	23.6
120	35.0	27.4	24.3	24.5	24.3	23.4	23.7	23.8	25.1	23.4	19.3	19.6	21.9	18.9	19.4	22.8	24.1	21.6	21.5
125	31.0	25.2	23.5	23.3	21.0	21.3	22.0	22.7	22.5	22.0	18.6	20.4	24.4	20.3	18.7	21.9	21.4	21.1	21.3
130	30.2	25.2	21.3	21.9	22.6	24.4	24.6	24.2	23.1	20.7	18.9	19.9	22.4	18.5	18.5	21.3	23.2	25.0	23.9
135	40.2	34.1	28.8	28.6	25.3	27.6	29.8	30.0	28.1	28.6	19.1	22.2	26.7	19.9	18.1	27.2	26.9	30.0	30.5
140	38.9	35.3	30.0	23.3	21.7	24.1	24.7	24.8	23.1	21.7	21.7	26.4	30.6	23.5	21.0	20.6	21.9	24.6	24.4
145	31.0	29.9	25.1	17.7	19.5	20.9	21.2	21.5	19.5	18.0	22.0	26.2	26.8	24.4	21.5	17.8	19.2	20.8	20.6
150	23.4	22.2	19.2	18.8	19.3	19.1	19.5	19.2	19.4	19.4	19.7	21.0	21.8	20.2	18.9	19.0	18.8	18.5	18.7
155	20.2	20.5	19.5	19.6	19.6	19.6	19.7	19.5	19.6	19.6	19.8	20.5	20.1	19.8	19.4	19.2	19.1	19.0	19.1
160	20.1	20.1	20.2	20.2	20.2	20.3	20.3	20.2	20.3	20.3	20.4	20.4	20.0	20.0	19.9	20.0	19.9	19.8	19.8
165	20.7	20.7	20.7	20.7	20.8	20.8	20.7	20.7	20.8	20.8	20.9	21.0	20.6	20.7	20.6	20.6	20.4	20.4	20.4
170	21.0	20.9	21.0	21.1	21.3	21.3	21.2	21.1	21.2	21.2	21.3	21.4	21.0	21.2	21.1	21.1	20.9	20.9	20.9
175	21.3	21.3	21.5	21.6	21.6	21.5	21.5	21.4	21.5	21.7	21.7	21.7	21.4	21.5	21.6	21.5	21.4	21.3	21.3
180	21.6	21.6	21.7	21.8	21.8	21.7	21.7	21.7	21.7	21.9	21.8	21.7	21.6	21.6	21.7	21.8	21.7	21.7	21.6

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.5690A P:67.857W PF:0.9932 Freq:59.98Hz Lamp Flux:8750x1 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	3104	3104	3106	3104	3103															
5	3103	3117	3135	3137	3131															
10	3014	3002	3013	3005	3045															
15	2808	2844	2839	2840	2812															
20	2613	2638	2618	2635	2586															
25	2410	2434	2395	2418	2376															
30	2197	2221	2187	2198	2221															
35	2043	2043	2054	2121	2142															
40	1925	1950	1970	2026	2067															
45	1805	1810	1825	1888	1911															
50	1657	1709	1717	1754	1763															
55	1607	1595	1642	1670	1650															
60	1534	1545	1545	1582	1569															
65	1306	1296	1299	1316	1296															
70	983	971	978	968	968															
75	713	716	715	722	716															
80	440	450	438	445	442															
85	191	193	194	196	187															
90	77.6	81.6	81.3	79.1	75.0															
95	45.5	47.0	47.9	49.2	49.3															
100	35.8	36.5	36.8	37.0	38.8															
105	33.0	29.1	29.0	30.6	33.4															
110	28.4	24.3	20.8	26.6	28.9															
115	22.7	21.5	19.8	24.4	28.8															
120	21.7	22.4	22.6	22.6	25.8															
125	20.8	20.1	22.5	22.9	24.2															
130	24.1	23.2	22.4	20.4	23.4															
135	28.4	25.8	25.9	26.2	32.7															
140	23.6	21.3	22.2	28.7	34.7															
145	20.2	20.0	17.0	24.2	29.3															
150	18.5	18.7	18.1	18.6	21.5															
155	19.1	19.1	19.1	19.0	20.1															
160	19.9	19.8	19.8	19.8	19.9															
165	20.4	20.4	20.4	20.4	20.5															
170	21.0	21.0	21.0	20.9	20.9															
175	21.4	21.5	21.6	21.5	21.4															
180	21.7	21.7	21.9	21.8	21.7															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=1.0000]
 Remarks: