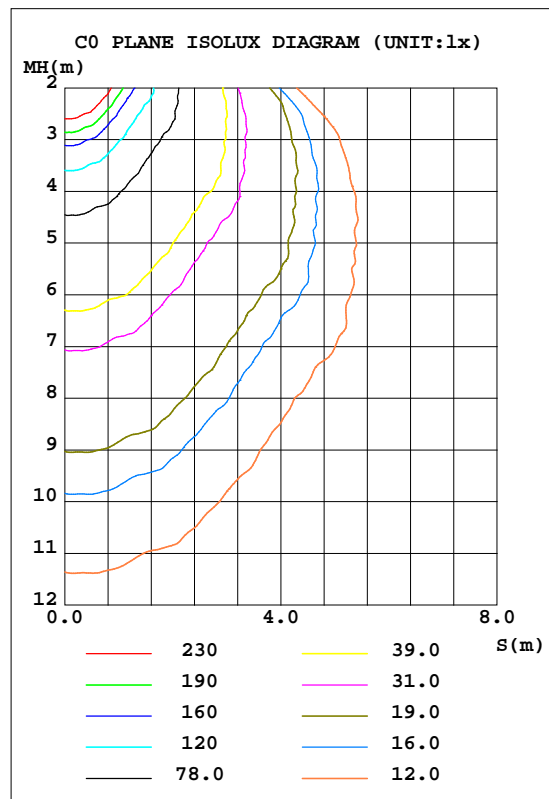
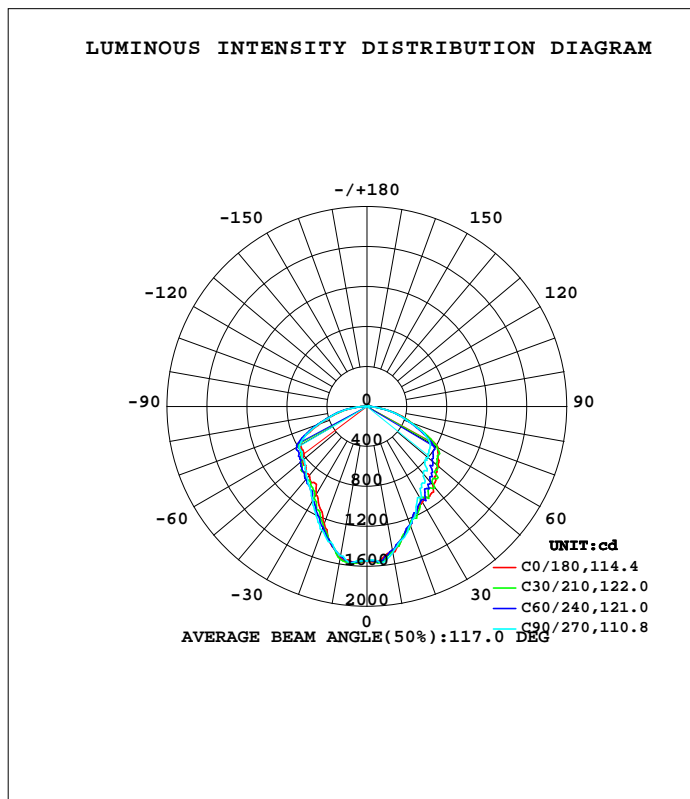


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.76 lm/W			
MODEL	ASD-LBL1-35D40-PC-BZ	I <sub>max</sub> (cd)	1592	S/MH(C0/180)	1.01
NOMINAL POWER(W)		LOR(%)	99.4	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4348.2	h UP, DN(C0-180)	1.0,47.7
NOMINAL FLUX(lm)	4375	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.0,49.7
LAMPS INSIDE	1	h up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	97.4	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=0.9630]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

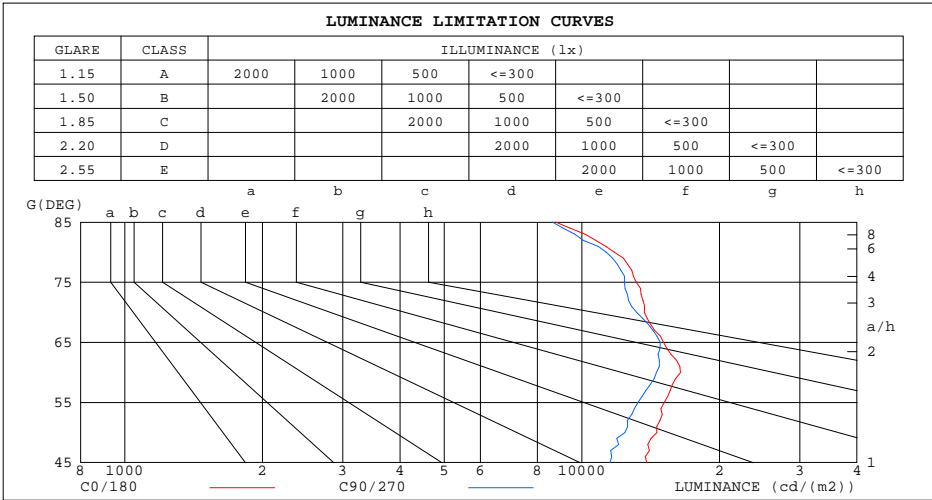
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1483	1487	1488	1513	1539	1533	1515	1508	0- 10	147.0	147.0	3.38,3.36
20	1273	1273	1265	1246	1252	1273	1320	1311	10- 20	391.3	538.3	12.4,12.3
30	1108	1098	1052	1029	1022	1059	1077	1137	20- 30	537.2	1075	24.7,24.6
40	1029	1030	881.7	875.3	897.1	953.7	932.7	1067	30- 40	633.6	1709	39.3,39.1
50	937.1	881.1	798.6	799.8	836.4	864.5	827.7	944.1	40- 50	700.9	2410	55.4,55.1
60	822.3	769.8	727.8	746.0	762.5	814.3	778.4	824.2	50- 60	734.6	3145	72.3,71.9
70	468.2	463.4	450.8	465.3	494.9	514.8	505.0	491.9	60- 70	636.1	3781	86.9,86.4
80	204.6	196.5	196.3	213.7	234.5	248.5	243.3	218.7	70- 80	366.1	4147	95.4,94.8
90	31.42	30.57	33.13	39.23	44.37	42.38	39.35	34.53	80- 90	115.8	4263	98,97.4
100	17.43	16.01	16.14	15.34	16.23	14.71	16.79	15.86	90-100	24.87	4287	98.6,98
110	15.84	10.63	14.55	8.023	12.22	7.594	14.80	9.931	100-110	14.53	4302	98.9,98.3
120	17.55	11.91	11.36	11.51	10.58	11.04	10.97	11.33	110-120	11.29	4313	99.2,98.6
130	16.45	11.76	12.91	10.24	9.912	9.568	10.75	10.70	120-130	9.651	4323	99.4,98.8
140	19.76	11.19	11.92	10.43	14.74	10.04	11.74	11.05	130-140	10.02	4333	99.6,99
150	11.44	9.331	9.621	9.679	10.70	9.435	9.145	8.941	140-150	6.919	4340	99.8,99.2
160	10.01	10.04	10.08	10.14	10.08	9.946	9.797	9.762	150-160	4.489	4344	99.9,99.3
170	10.41	10.49	10.55	10.63	10.60	10.57	10.40	10.35	160-170	2.899	4347	100,99.4
180	10.82	10.90	10.80	10.88	10.81	10.91	10.80	10.89	170-180	1.016	4348	100,99.4
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=0.9630]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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	8763	8624
80	11782	11304
75	13155	12400
70	13688	13180
65	15089	14851
60	16447	14556
55	15134	13273
50	14579	12424
45	13884	11533

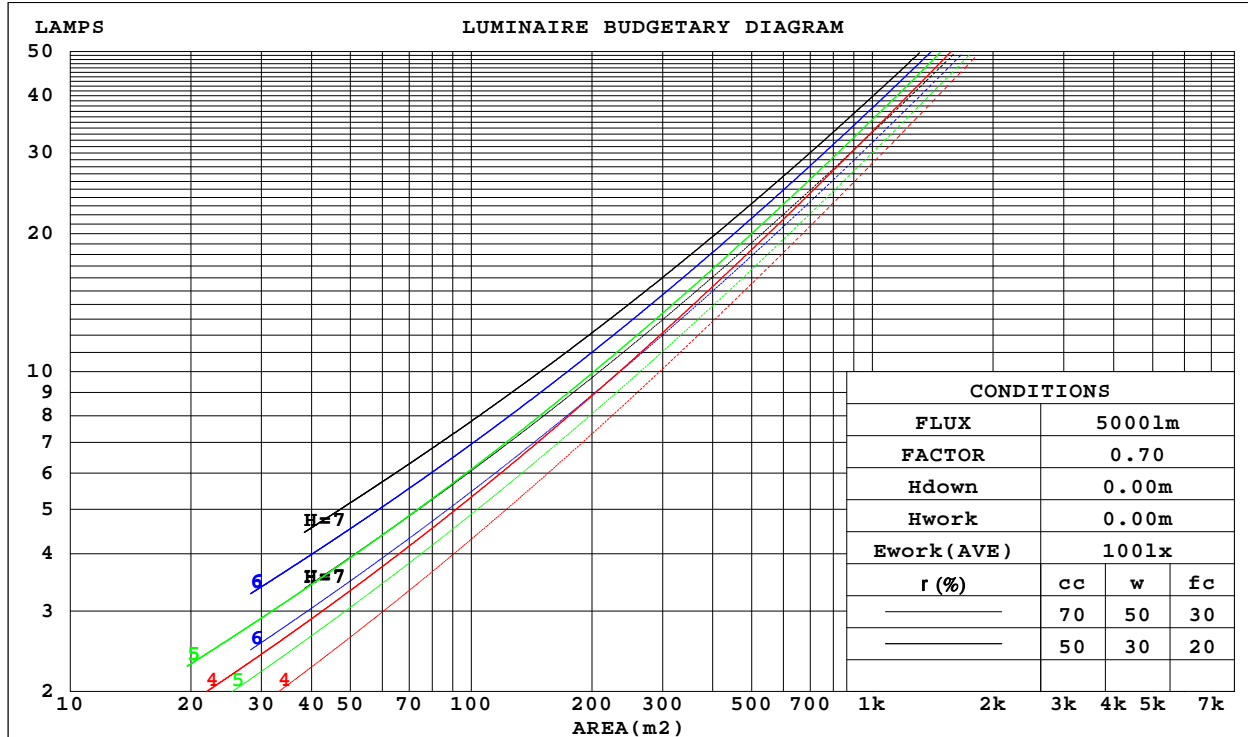
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-09

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=0.9630]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	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	1.09	1.09	1.09	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.02	.97	.93	.99	.95	.91	.95	.91	.88	.90	.87	.85	.86	.84	.82	.80
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.78	.73	.69	.75	.71	.67	.65
3.0	.76	.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=0.9630]  
 Remarks:

WEC AND CCEC

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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	.330	.188	.059	.322	.184	.058	.308	.177	.056	.295	.170	.055	.283	.164	.053	
2.0	.307	.168	.052	.300	.165	.051	.287	.160	.050	.275	.154	.048	.264	.149	.047	
3.0	.281	.150	.045	.275	.147	.044	.264	.143	.043	.253	.139	.043	.243	.135	.042	
4.0	.258	.134	.039	.252	.132	.039	.242	.128	.038	.233	.125	.038	.224	.122	.037	
5.0	.237	.121	.035	.232	.119	.035	.223	.116	.034	.214	.113	.034	.206	.110	.033	
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.198	.103	.030	.191	.101	.030	
7.0	.202	.100	.028	.199	.099	.028	.191	.097	.028	.184	.095	.028	.178	.093	.027	
8.0	.188	.092	.026	.185	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025	
9.0	.176	.085	.024	.173	.084	.024	.167	.083	.023	.161	.081	.023	.156	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.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	.204	.204	.204	.175	.175	.175	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.196	.170	.147	.168	.146	.126	.115	.100	.087	.066	.058	.051	.021	.019	.016	
2.0	.189	.146	.111	.161	.126	.096	.111	.087	.067	.064	.051	.039	.020	.016	.013	
3.0	.181	.129	.087	.155	.111	.076	.107	.077	.053	.062	.045	.031	.020	.015	.010	
4.0	.174	.116	.072	.149	.100	.062	.102	.070	.044	.059	.041	.026	.019	.013	.009	
5.0	.166	.106	.061	.143	.091	.053	.098	.064	.038	.057	.038	.022	.018	.012	.007	
6.0	.159	.097	.053	.137	.084	.047	.094	.059	.033	.055	.035	.020	.018	.011	.006	
7.0	.152	.091	.048	.131	.079	.042	.090	.055	.030	.052	.032	.018	.017	.011	.006	
8.0	.145	.085	.044	.125	.074	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005	
9.0	.139	.080	.040	.120	.069	.035	.083	.049	.025	.048	.029	.015	.016	.009	.005	
10.0	.133	.076	.038	.115	.066	.033	.080	.046	.023	.046	.027	.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=0.9630]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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	22.3	23.9	22.7	24.3	24.6	21.5	23.1	21.9	23.5	23.9
3H	24.0	25.5	24.4	25.9	26.3	23.4	24.9	23.8	25.3	25.7
4H	24.7	26.1	25.1	26.5	26.9	24.1	25.5	24.5	25.9	26.3
6H	25.2	26.5	25.7	26.9	27.4	24.6	26.0	25.1	26.4	26.8
8H	25.4	26.6	25.8	27.0	27.5	24.8	26.1	25.2	26.5	26.9
12H	25.4	26.6	25.9	27.1	27.5	24.9	26.1	25.3	26.5	27.0
4H 2H	22.9	24.3	23.3	24.7	25.1	22.3	23.7	22.7	24.1	24.5
3H	24.9	26.1	25.3	26.5	26.9	24.4	25.6	24.8	26.0	26.4
4H	25.7	26.8	26.1	27.2	27.7	25.2	26.3	25.6	26.7	27.2
6H	26.3	27.3	26.8	27.7	28.2	25.9	26.8	26.4	27.3	27.8
8H	26.5	27.4	27.0	27.9	28.4	26.1	27.0	26.6	27.5	28.0
12H	26.6	27.4	27.1	27.9	28.4	26.2	27.0	26.7	27.5	28.1
8H 4H	26.0	26.9	26.5	27.3	27.9	25.6	26.5	26.0	26.9	27.4
6H	26.7	27.5	27.2	28.0	28.5	26.4	27.1	26.9	27.7	28.2
8H	26.9	27.6	27.5	28.2	28.7	26.7	27.3	27.2	27.9	28.4
12H	27.1	27.7	27.7	28.2	28.8	26.9	27.5	27.4	28.0	28.6
12H 4H	26.0	26.8	26.5	27.3	27.8	25.6	26.4	26.1	26.9	27.4
6H	26.8	27.4	27.3	27.9	28.5	26.5	27.2	27.0	27.7	28.2
8H	27.0	27.6	27.6	28.2	28.8	26.8	27.4	27.4	27.9	28.5
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=0.9630]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

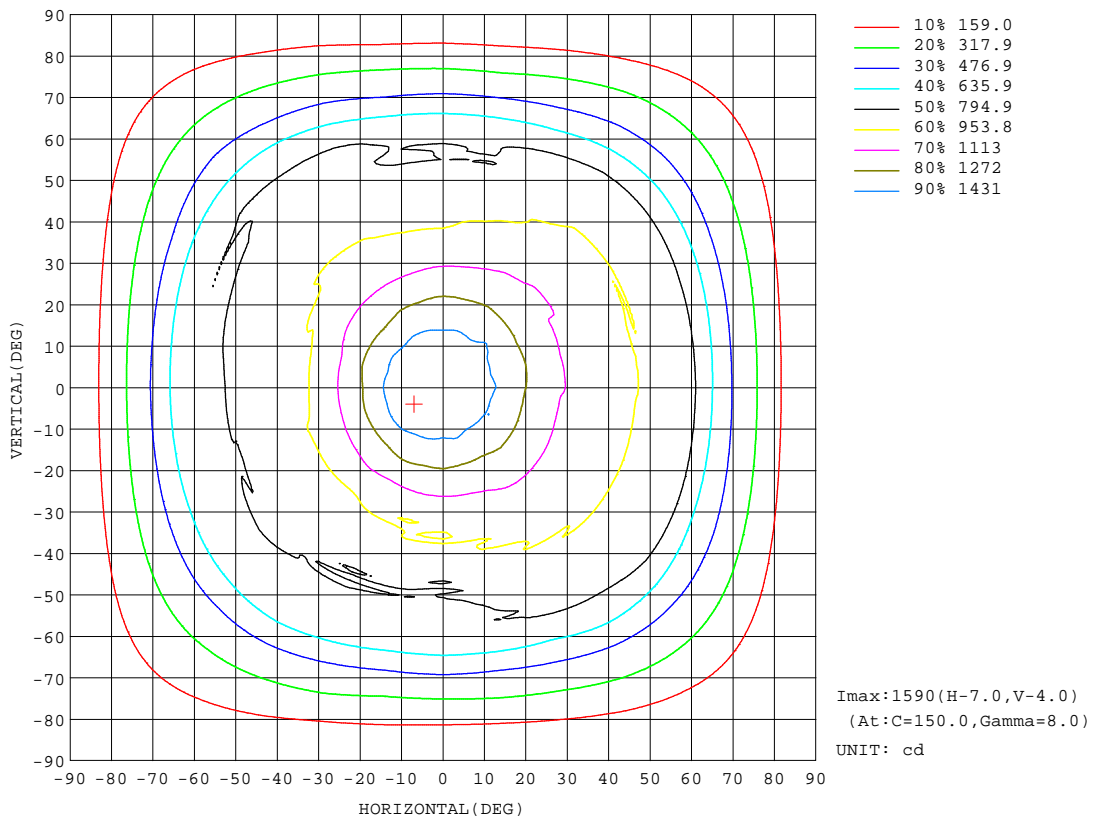
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	44	36
1.00	72	61	53	71	60	52	68	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	82	75	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=0.9630]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



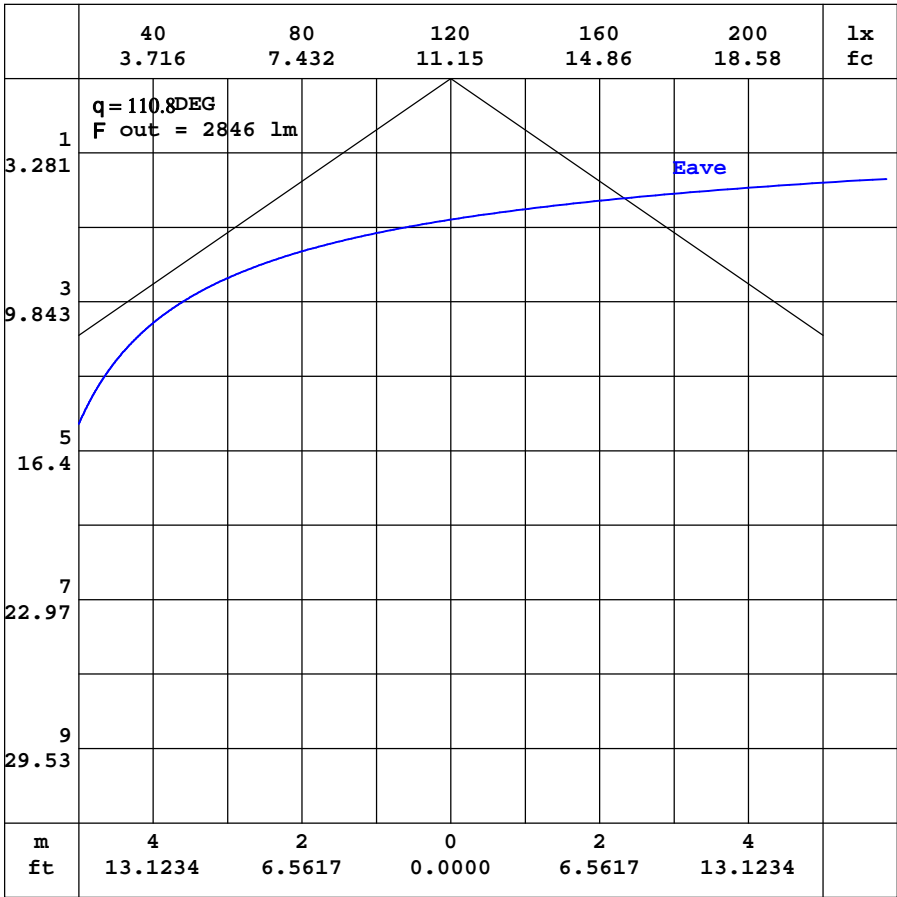
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-03-09

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=0.9630]  
 Remarks:



AAI CURVES

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



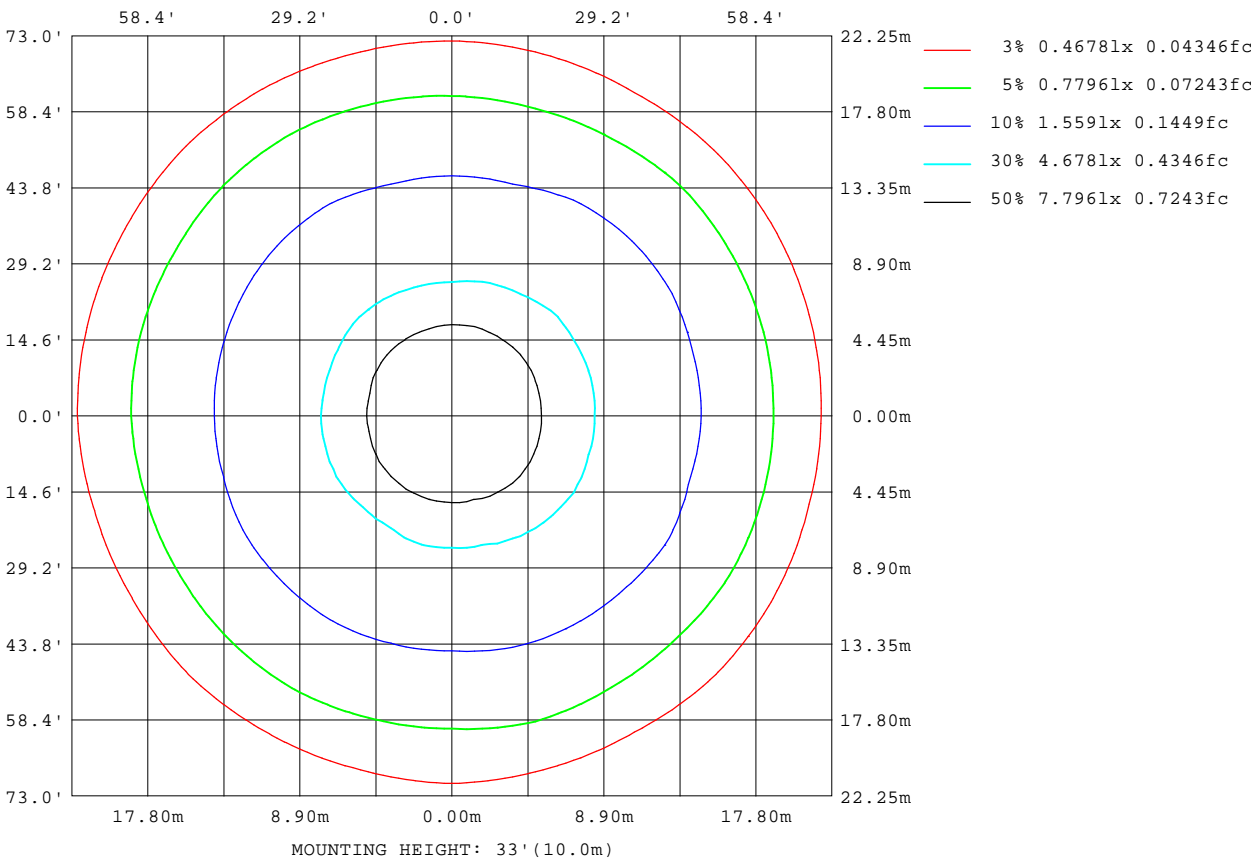
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=0.9630]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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=0.9630]  
 Remarks:

LED Avg.L Report

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

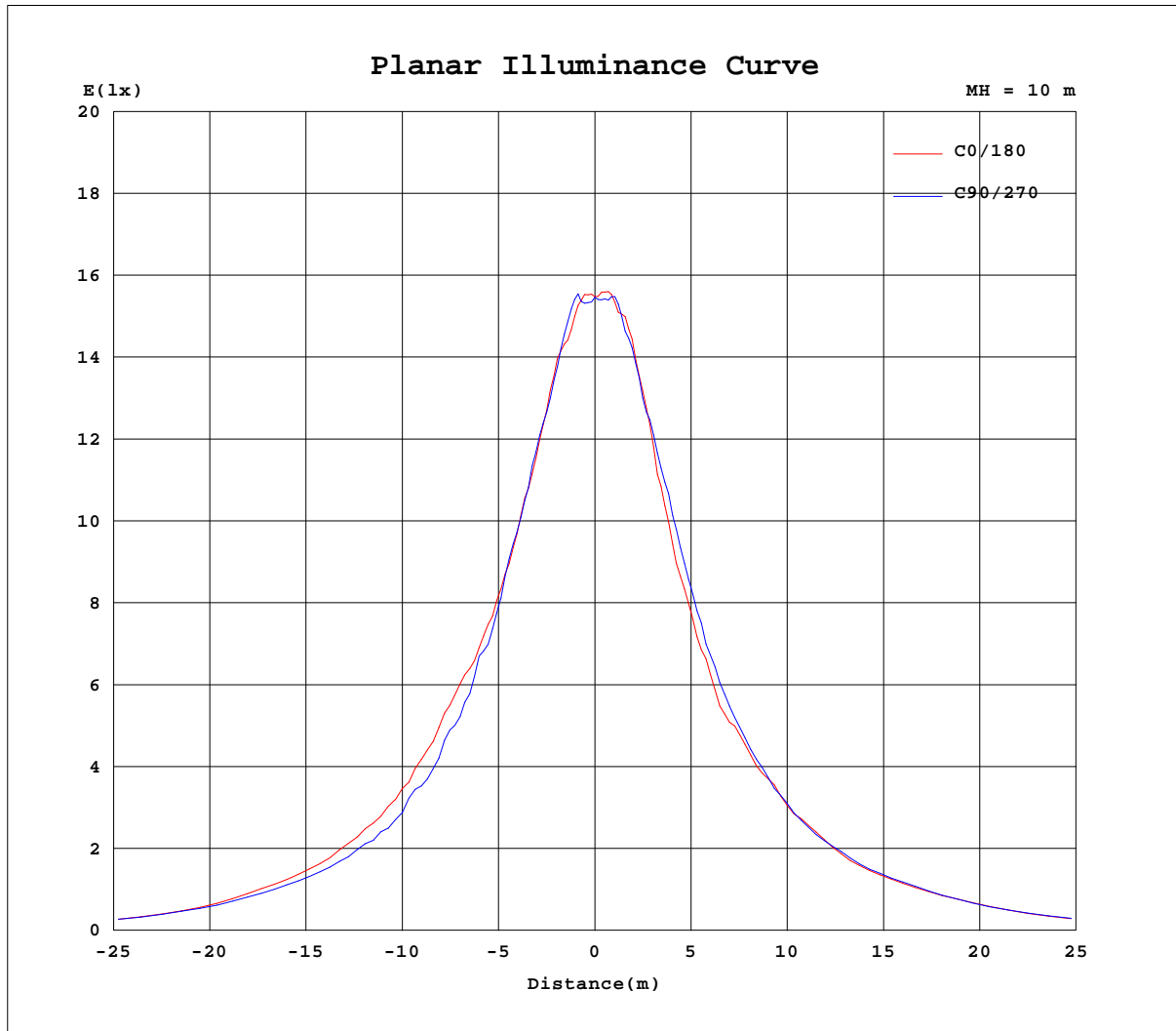
AvgL	cd/m2
L_0~180(65)av	15525
L_0~180(75)av	13401
L_0~180(85)av	11022
L_90~270(65)av	15387
L_90~270(75)av	13283
L_90~270(85)av	10543
L_45(65)av	15607
L_45(75)av	13514
L_45(85)av	10806

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=0.9630]  
 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=0.9630]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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	1548	1546	1547	1548	1547	1547	1547	1546	1545	1544	1544	1548	1548	1546	1547	1548	1547	1547	1547
5	1544	1556	1568	1560	1555	1563	1573	1573	1550	1555	1567	1569	1571	1579	1573	1561	1562	1562	1566
10	1483	1467	1467	1487	1456	1486	1488	1502	1504	1513	1521	1558	1539	1550	1550	1533	1523	1520	1515
15	1370	1372	1353	1377	1369	1366	1375	1371	1395	1386	1402	1397	1415	1408	1408	1390	1412	1424	1405
20	1273	1252	1263	1273	1257	1255	1265	1257	1268	1246	1243	1259	1252	1276	1276	1273	1290	1298	1320
25	1169	1195	1196	1182	1176	1158	1162	1143	1124	1124	1132	1122	1121	1127	1145	1168	1180	1179	1205
30	1108	1093	1072	1098	1084	1068	1052	1055	1018	1029	1024	1001	1022	1045	1058	1059	1091	1083	1077
35	1097	1068	1072	1046	1008	984	950	959	946	935	930	932	926	945	973	988	994	986	997
40	1029	1020	1059	1030	991	958	882	890	886	875	891	883	897	930	944	954	953	938	933
45	982	951	1006	959	930	870	816	815	837	824	874	873	866	893	920	907	913	887	880
50	937	884	918	881	860	824	799	775	772	800	803	808	836	861	854	865	874	833	828
55	868	840	863	829	809	793	761	763	773	769	777	774	779	787	808	827	830	785	795
60	822	814	813	770	759	755	728	731	753	746	765	751	763	785	797	814	812	787	778
65	638	629	640	641	614	613	628	615	622	636	630	639	674	678	683	696	693	675	673
70	468	478	468	463	443	446	451	444	456	465	462	476	495	487	522	515	525	496	505
75	340	344	335	334	323	326	321	317	336	338	333	345	353	358	372	369	373	365	367
80	205	200	195	197	194	195	196	203	210	214	219	229	235	243	246	249	251	241	243
85	76.4	74.3	69.6	73.0	71.5	75.1	75.2	81.0	84.7	94.0	101	110	116	120	122	120	117	110	109
90	31.4	29.7	28.8	30.6	32.3	33.7	33.1	34.9	37.1	39.2	41.3	43.7	44.4	44.5	45.2	42.4	40.2	39.4	39.3
95	20.8	20.0	19.2	19.0	19.3	19.8	19.3	19.5	19.8	20.0	20.7	23.9	23.7	23.8	22.4	20.5	19.7	20.8	21.3
100	17.4	16.8	15.9	16.0	16.2	16.6	16.1	15.9	15.6	15.3	14.9	16.2	16.2	15.9	14.7	14.7	15.0	16.0	16.8
105	16.0	15.1	13.8	12.7	12.5	14.6	14.8	14.0	12.5	11.5	11.0	14.2	14.7	13.8	11.5	11.2	12.6	14.5	15.5
110	15.8	14.5	13.3	10.6	11.3	13.4	14.6	12.8	11.4	8.02	9.30	11.1	12.2	10.7	9.31	7.59	11.2	12.9	14.8
115	18.2	13.7	11.8	10.8	10.9	11.4	11.8	11.0	10.9	9.88	8.84	10.5	12.1	9.77	8.72	9.13	10.4	11.1	11.7
120	17.5	13.6	11.7	11.9	11.5	11.3	11.4	11.2	12.1	11.5	9.46	9.66	10.6	9.20	9.32	11.0	12.0	10.9	11.0
125	14.6	11.7	11.1	11.1	9.98	9.68	9.69	10.0	10.6	10.4	8.89	9.79	11.4	9.58	8.59	10.2	10.2	10.2	10.3
130	16.5	13.3	11.0	11.8	12.0	13.0	12.9	12.4	11.5	10.2	8.83	8.80	9.91	8.56	8.41	9.57	10.6	11.1	10.8
135	22.0	18.7	15.5	14.3	12.5	13.7	14.6	14.6	13.3	13.7	9.10	10.1	12.9	9.41	8.48	12.9	12.9	14.2	14.7
140	19.8	18.1	14.8	11.2	10.3	11.5	11.9	11.9	11.1	10.4	10.5	12.4	14.7	11.6	10.1	10.0	10.8	11.8	11.7
145	15.3	14.8	12.4	8.85	9.71	10.0	10.3	10.4	9.53	8.99	10.7	12.5	13.0	12.0	10.4	8.80	9.36	10.1	9.96
150	11.4	10.8	9.62	9.33	9.57	9.45	9.62	9.50	9.60	9.68	9.74	10.4	10.7	9.88	9.46	9.44	9.28	9.07	9.15
155	10.0	10.2	9.72	9.72	9.75	9.76	9.80	9.73	9.76	9.81	9.91	10.2	10.0	9.86	9.66	9.53	9.45	9.39	9.42
160	10.0	9.99	10.0	10.0	10.0	10.1	10.1	10.0	10.1	10.1	10.2	10.2	10.1	10.1	9.99	9.95	9.89	9.83	9.80
165	10.3	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.1
170	10.4	10.4	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.7	10.7	10.6	10.7	10.6	10.6	10.5	10.4	10.4
175	10.6	10.6	10.7	10.7	10.8	10.7	10.7	10.7	10.7	10.8	10.9	10.8	10.8	10.8	10.8	10.8	10.7	10.7	10.6
180	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.8	10.8	10.9	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.8	10.8

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=0.9630]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.2973A P:35.420W PF:0.9916 Freq:59.98Hz Lamp Flux:4375x1 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	1546	1545	1544	1544	1548															
5	1564	1557	1556	1549	1542															
10	1501	1517	1508	1493	1472															
15	1422	1412	1431	1386	1398															
20	1303	1308	1311	1284	1293															
25	1213	1229	1193	1171	1162															
30	1107	1141	1137	1112	1110															
35	1056	1059	1070	1091	1095															
40	980	1008	1067	1040	1053															
45	897	949	1012	1010	977															
50	841	881	944	930	891															
55	792	849	873	879	866															
60	778	805	824	821	814															
65	661	650	665	660	653															
70	491	485	492	486	471															
75	351	354	358	350	340															
80	227	229	219	214	206															
85	101	96.4	89.6	86.6	81.0															
90	37.2	36.2	34.5	32.6	31.8															
95	20.2	19.8	19.8	20.1	20.7															
100	16.0	15.8	15.9	16.3	17.5															
105	14.5	12.8	12.7	13.9	14.9															
110	12.9	11.3	9.93	12.8	13.9															
115	10.7	10.4	9.82	11.6	14.2															
120	10.6	11.1	11.3	11.1	13.5															
125	9.69	9.83	10.8	11.4	11.9															
130	11.3	11.0	10.7	10.4	12.7															
135	13.9	12.2	12.7	14.2	17.4															
140	11.5	10.3	11.1	14.3	17.1															
145	9.80	9.91	8.38	11.8	14.2															
150	9.06	9.24	8.94	9.22	10.5															
155	9.41	9.38	9.41	9.39	9.95															
160	9.80	9.75	9.76	9.76	9.80															
165	10.1	10.1	10.0	10.1	10.1															
170	10.4	10.4	10.4	10.3	10.3															
175	10.7	10.7	10.7	10.6	10.6															
180	10.8	10.8	10.9	10.8	10.8															

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=0.9630]  
 Remarks: