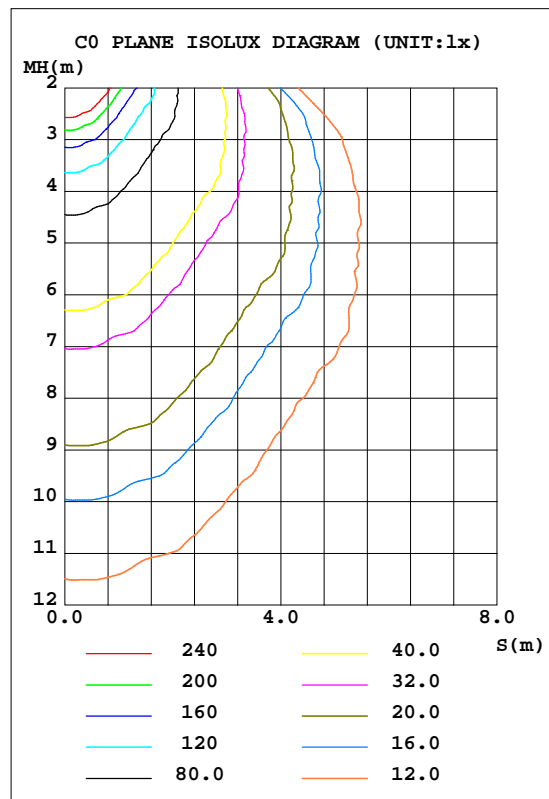
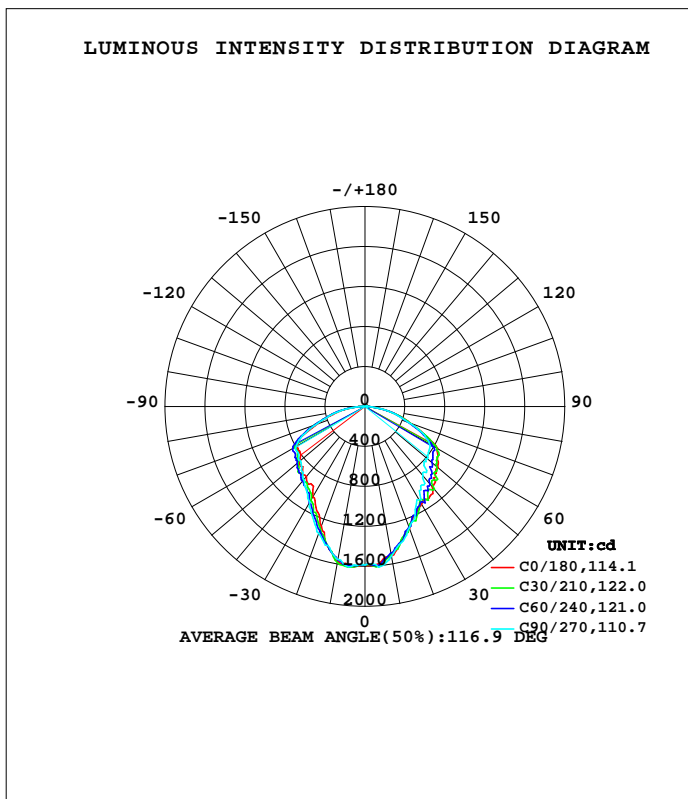


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.61 lm/W			
MODEL	ASD-LBL1-35D50-PC-BZ	I _{max} (cd)	1634	S/MH(C0/180)	1.01
NOMINAL POWER(W)		LOR(%)	101.0	S/MH(C90/270)	1.08
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4452.4	h UP, DN(C0-180)	1.0,48.5
NOMINAL FLUX(lm)	4410	CIE CLASS	DIRECT	h UP, DN(C180-360)	1.0,50.5
LAMPS INSIDE	1	h up(%)	2.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	99.0	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=0.9753]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

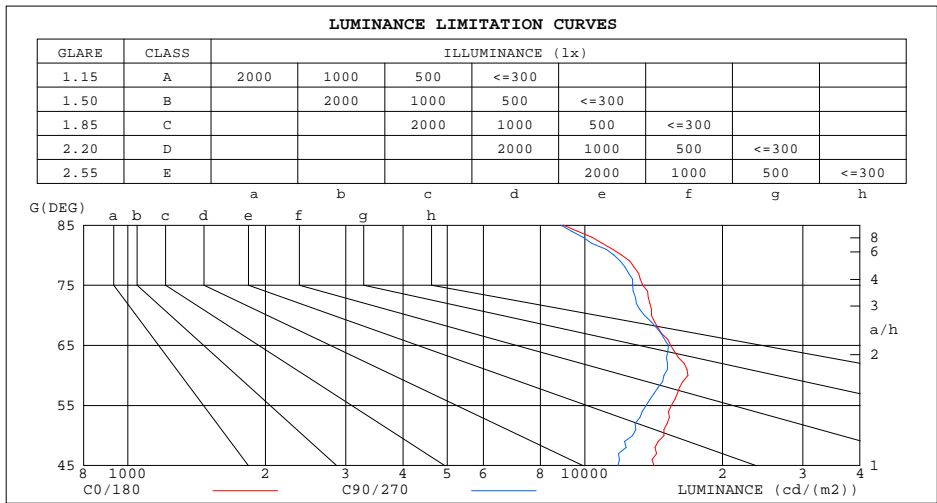
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1519	1524	1524	1552	1572	1569	1554	1547	0- 10	150.7	150.7	3.38,3.42
20	1302	1304	1297	1278	1280	1304	1355	1346	10- 20	401.1	551.7	12.4,12.5
30	1132	1123	1079	1057	1044	1085	1104	1167	20- 30	550.5	1102	24.8,25
40	1048	1052	903.0	897.9	915.4	975.8	954.3	1093	30- 40	648.7	1751	39.3,39.7
50	957.2	901.4	818.2	819.1	854.5	884.2	846.8	967.4	40- 50	717.2	2468	55.4,56
60	841.0	788.5	745.2	764.8	779.0	832.4	797.5	844.9	50- 60	752.2	3220	72.3,73
70	478.2	474.2	461.8	477.4	503.9	525.8	517.1	504.8	60- 70	651.3	3872	87,87.8
80	209.0	200.4	201.3	219.1	238.4	254.0	247.8	224.3	70- 80	374.6	4246	95.4,96.3
90	32.05	31.24	33.96	40.24	45.36	43.39	40.26	35.42	80- 90	118.5	4365	98,99
100	17.78	16.36	16.53	15.73	16.54	15.04	17.19	16.26	90-100	25.45	4390	98.6,99.6
110	16.18	10.88	14.94	8.221	12.49	7.763	15.17	10.19	100-110	14.87	4405	98.9,99.9
120	17.91	12.16	11.63	11.81	10.80	11.29	11.24	11.61	110-120	11.55	4417	99.2,100
130	16.80	12.04	13.23	10.51	10.11	9.789	11.06	10.98	120-130	9.874	4426	99.4,100
140	20.22	11.43	12.22	10.70	15.00	10.29	12.03	11.34	130-140	10.26	4437	99.6,101
150	11.71	9.545	9.857	9.912	10.93	9.666	9.390	9.180	140-150	7.086	4444	99.8,101
160	10.23	10.28	10.33	10.40	10.29	10.18	10.05	10.03	150-160	4.599	4448	99.9,101
170	10.64	10.72	10.82	10.90	10.83	10.81	10.65	10.63	160-170	2.970	4451	100,101
180	11.06	11.16	11.06	11.16	11.05	11.17	11.06	11.16	170-180	1.040	4452	100,101
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=0.9753]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	8968	8853
80	12035	11590
75	13396	12712
70	13983	13503
65	15411	15243
60	16819	14904
55	15461	13620
50	14891	12729
45	14176	11805

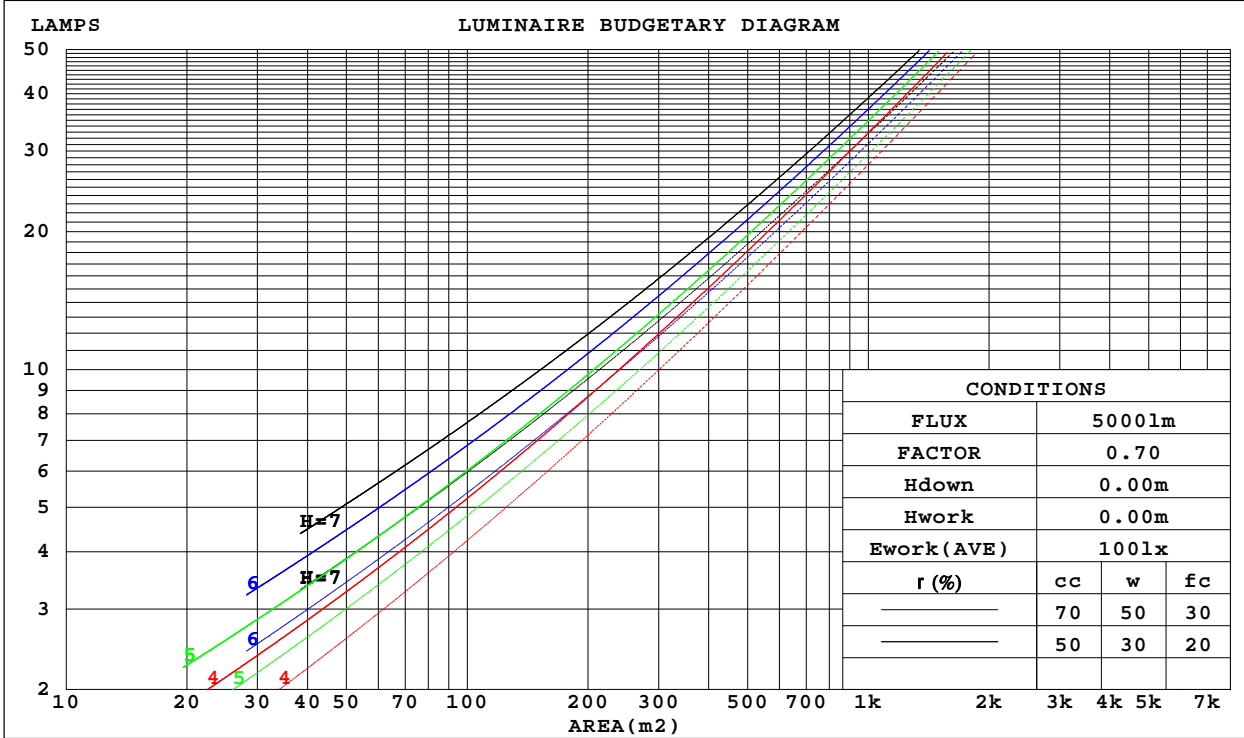
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-03-09

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=0.9753]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	1.20	1.20	1.20	1.17	1.17	1.17	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.94	1.01	.96	.93	.96	.93	.89	.92	.89	.86	.88	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.74	.83	.77	.72	.79	.75	.70	.76	.72	.69	.66
3.0	.78	.69	.62	.76	.68	.61	.72	.66	.60	.69	.64	.59	.67	.62	.57	.55
4.0	.68	.59	.52	.67	.58	.51	.64	.57	.51	.61	.55	.50	.59	.53	.49	.46
5.0	.61	.51	.44	.60	.51	.44	.57	.49	.43	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.45	.39	.54	.45	.38	.51	.44	.38	.50	.43	.37	.48	.42	.37	.35
7.0	.49	.40	.34	.49	.40	.34	.47	.39	.33	.45	.38	.33	.44	.37	.33	.30
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.41	.34	.29	.40	.34	.29	.27
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.24
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.24	.35	.29	.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=0.9753]
 Remarks:

WEC AND CCEC

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	.335	.191	.060	.327	.187	.059	.313	.179	.057	.299	.173	.055	.287	.166	.054	
2.0	.311	.171	.052	.304	.168	.052	.291	.162	.050	.279	.157	.049	.268	.152	.048	
3.0	.286	.152	.046	.279	.150	.045	.268	.145	.044	.257	.141	.043	.247	.137	.042	
4.0	.262	.136	.040	.256	.134	.040	.246	.130	.039	.236	.127	.038	.227	.124	.038	
5.0	.240	.122	.035	.236	.121	.035	.226	.118	.035	.218	.115	.034	.210	.112	.034	
6.0	.222	.111	.032	.217	.110	.032	.209	.107	.031	.202	.105	.031	.194	.102	.030	
7.0	.206	.102	.029	.202	.100	.029	.194	.098	.028	.187	.096	.028	.181	.094	.028	
8.0	.191	.093	.026	.188	.092	.026	.181	.090	.026	.175	.089	.026	.169	.087	.025	
9.0	.179	.086	.024	.176	.086	.024	.170	.084	.024	.164	.082	.024	.159	.081	.023	
10.0	.168	.080	.022	.165	.080	.022	.159	.078	.022	.154	.077	.022	.149	.075	.022	

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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.199	.173	.149	.170	.148	.128	.116	.102	.089	.067	.059	.052	.021	.019	.017	
2.0	.192	.148	.112	.164	.128	.097	.112	.088	.068	.065	.051	.040	.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	.063	.104	.071	.045	.060	.042	.026	.019	.014	.009	
5.0	.169	.107	.062	.145	.093	.054	.100	.065	.038	.058	.038	.023	.019	.012	.007	
6.0	.161	.099	.054	.139	.086	.047	.096	.060	.033	.055	.035	.020	.018	.012	.007	
7.0	.154	.092	.049	.133	.080	.042	.092	.056	.030	.053	.033	.018	.017	.011	.006	
8.0	.147	.086	.044	.127	.075	.039	.088	.053	.027	.051	.031	.016	.017	.010	.005	
9.0	.141	.081	.041	.122	.071	.036	.084	.050	.025	.049	.029	.015	.016	.010	.005	
10.0	.135	.077	.038	.117	.067	.033	.081	.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=0.9753]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	24.0	22.7	24.3	24.7	21.6	23.2	22.0	23.6	23.9
3H	24.1	25.6	24.5	26.0	26.4	23.5	25.0	23.9	25.3	25.8
4H	24.8	26.2	25.2	26.6	27.0	24.2	25.6	24.6	26.0	26.4
6H	25.3	26.6	25.7	27.0	27.4	24.7	26.0	25.2	26.4	26.9
8H	25.4	26.7	25.9	27.1	27.6	24.9	26.1	25.3	26.6	27.0
12H	25.5	26.7	26.0	27.1	27.6	25.0	26.2	25.4	26.6	27.1
4H 2H	23.0	24.4	23.4	24.8	25.2	22.4	23.8	22.8	24.2	24.6
3H	24.9	26.1	25.4	26.6	27.0	24.4	25.7	24.9	26.1	26.5
4H	25.7	26.8	26.2	27.3	27.8	25.3	26.4	25.7	26.8	27.3
6H	26.4	27.3	26.8	27.8	28.3	26.0	26.9	26.4	27.4	27.9
8H	26.5	27.4	27.0	27.9	28.4	26.2	27.1	26.7	27.5	28.1
12H	26.7	27.5	27.2	28.0	28.5	26.3	27.1	26.8	27.6	28.1
8H 4H	26.0	26.9	26.5	27.4	27.9	25.6	26.5	26.1	27.0	27.5
6H	26.8	27.5	27.3	28.0	28.6	26.5	27.2	27.0	27.8	28.3
8H	27.0	27.7	27.5	28.2	28.7	26.8	27.4	27.3	28.0	28.5
12H	27.2	27.8	27.7	28.3	28.9	27.0	27.6	27.5	28.1	28.7
12H 4H	26.1	26.9	26.6	27.4	27.9	25.7	26.5	26.2	27.0	27.5
6H	26.8	27.5	27.4	28.0	28.6	26.6	27.3	27.1	27.8	28.3
8H	27.1	27.7	27.6	28.2	28.8	26.9	27.5	27.4	28.0	28.6
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=0.9753]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

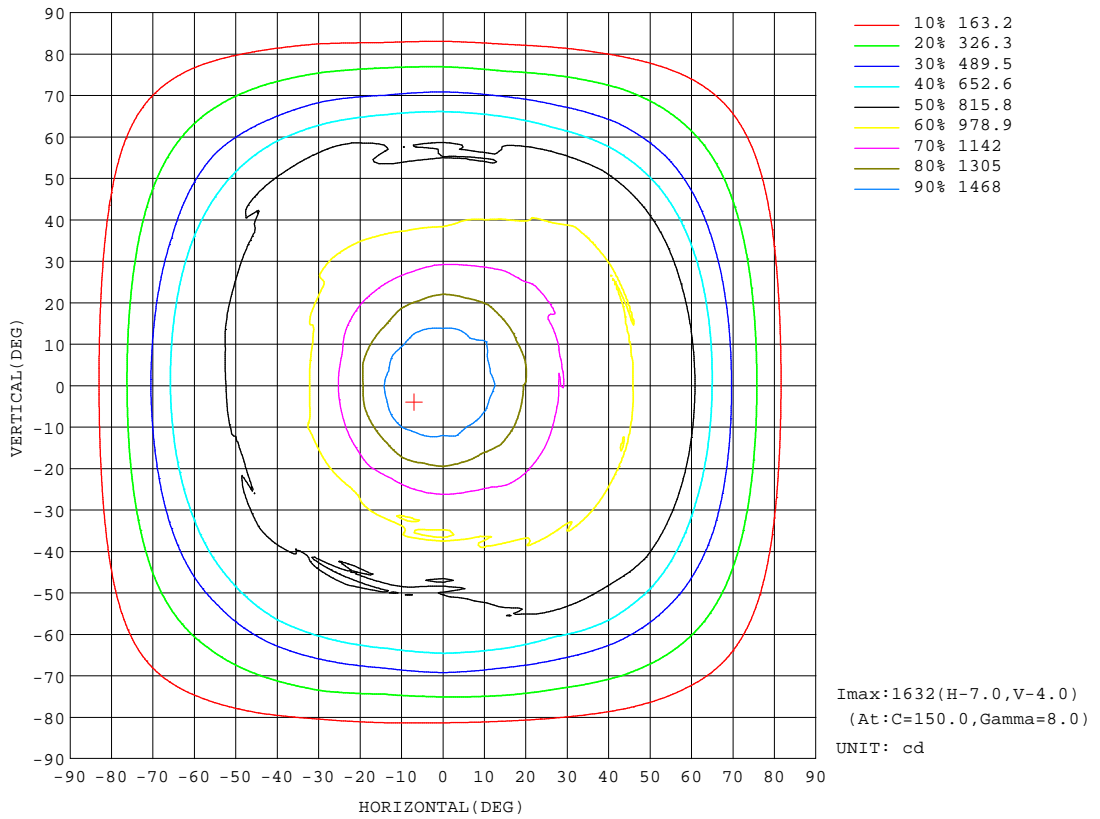
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	43	36	54	43	36	53	42	35	29
0.80	65	53	45	64	52	45	62	51	44	37
1.00	73	61	54	72	61	53	70	62	53	45
1.25	81	69	62	79	68	61	76	67	60	52
1.50	86	75	67	84	74	67	81	72	66	57
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	91	84	79	70
3.00	101	94	87	99	92	86	94	89	84	75
4.00	106	99	94	103	97	93	98	94	90	80
5.00	108	103	98	106	101	97	101	97	93	83
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=0.9753]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

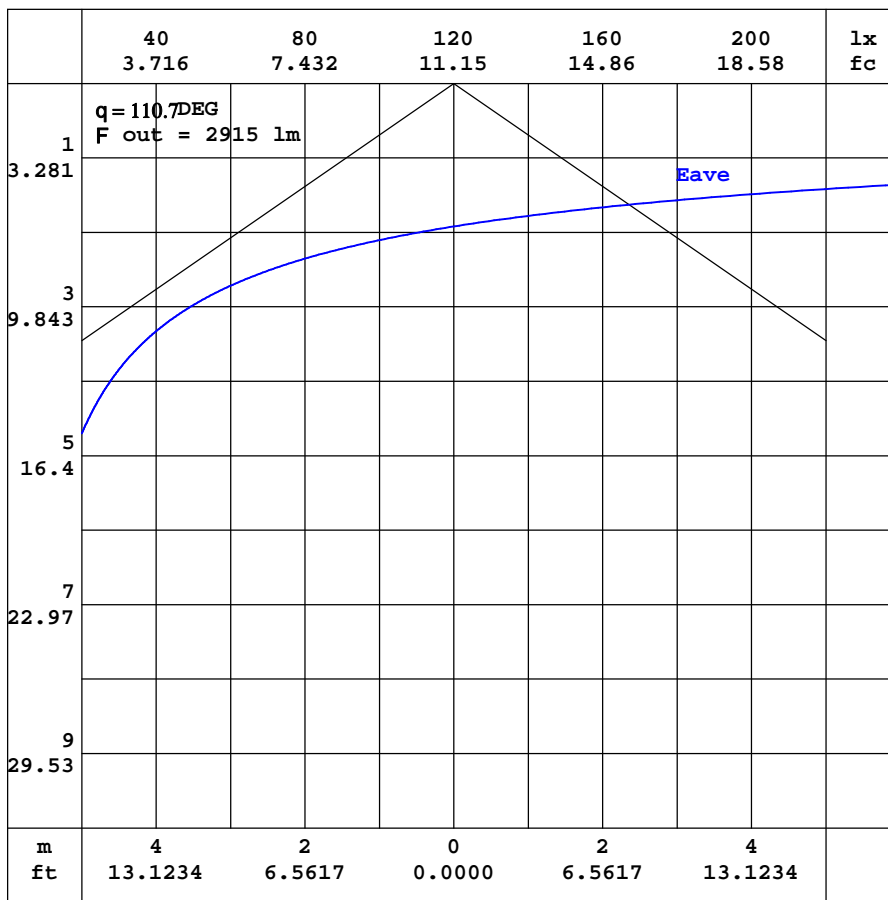


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-03-09

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=0.9753]
 Remarks:

AAI CURVES

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:



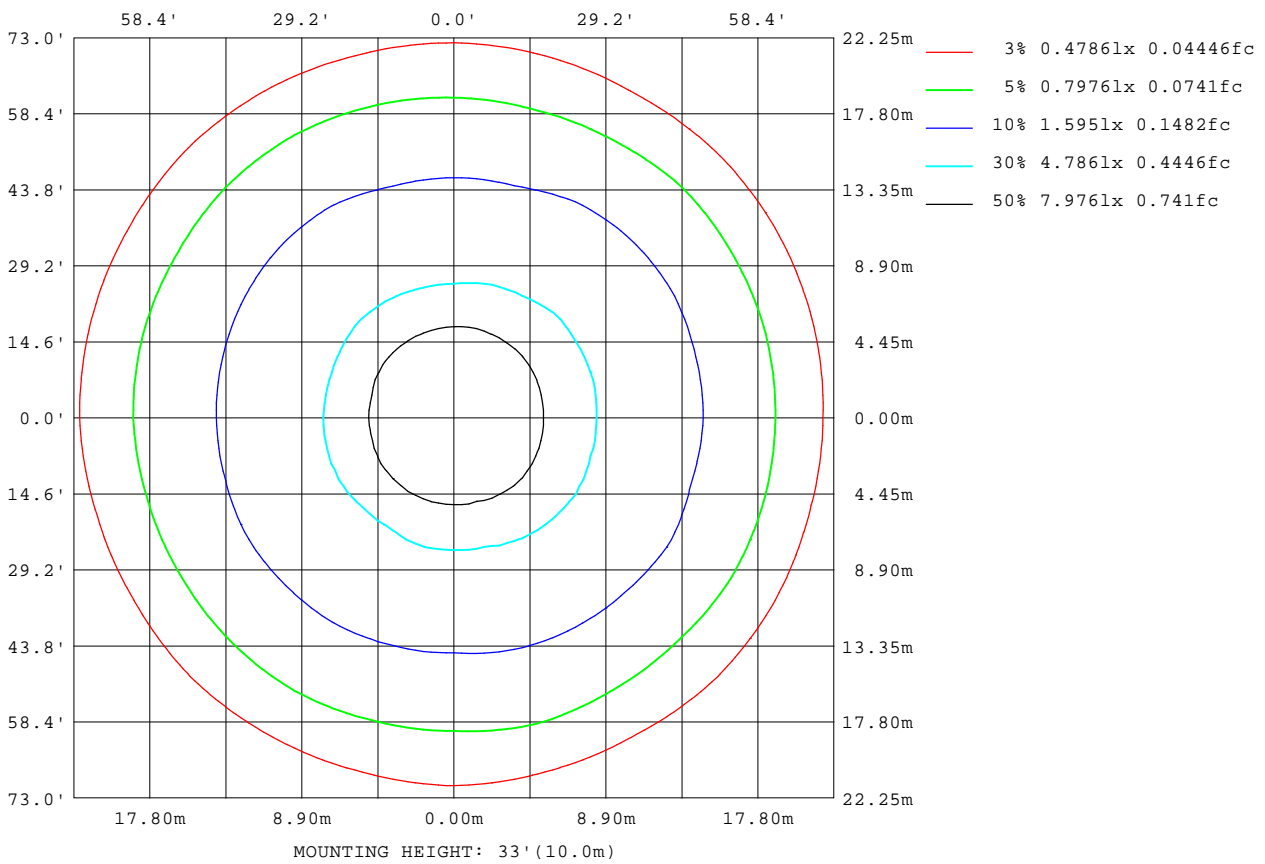
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=0.9753]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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=0.9753]
 Remarks:

LED Avg.L Report

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTNG CORP	SUR.:	Shielding Angle:

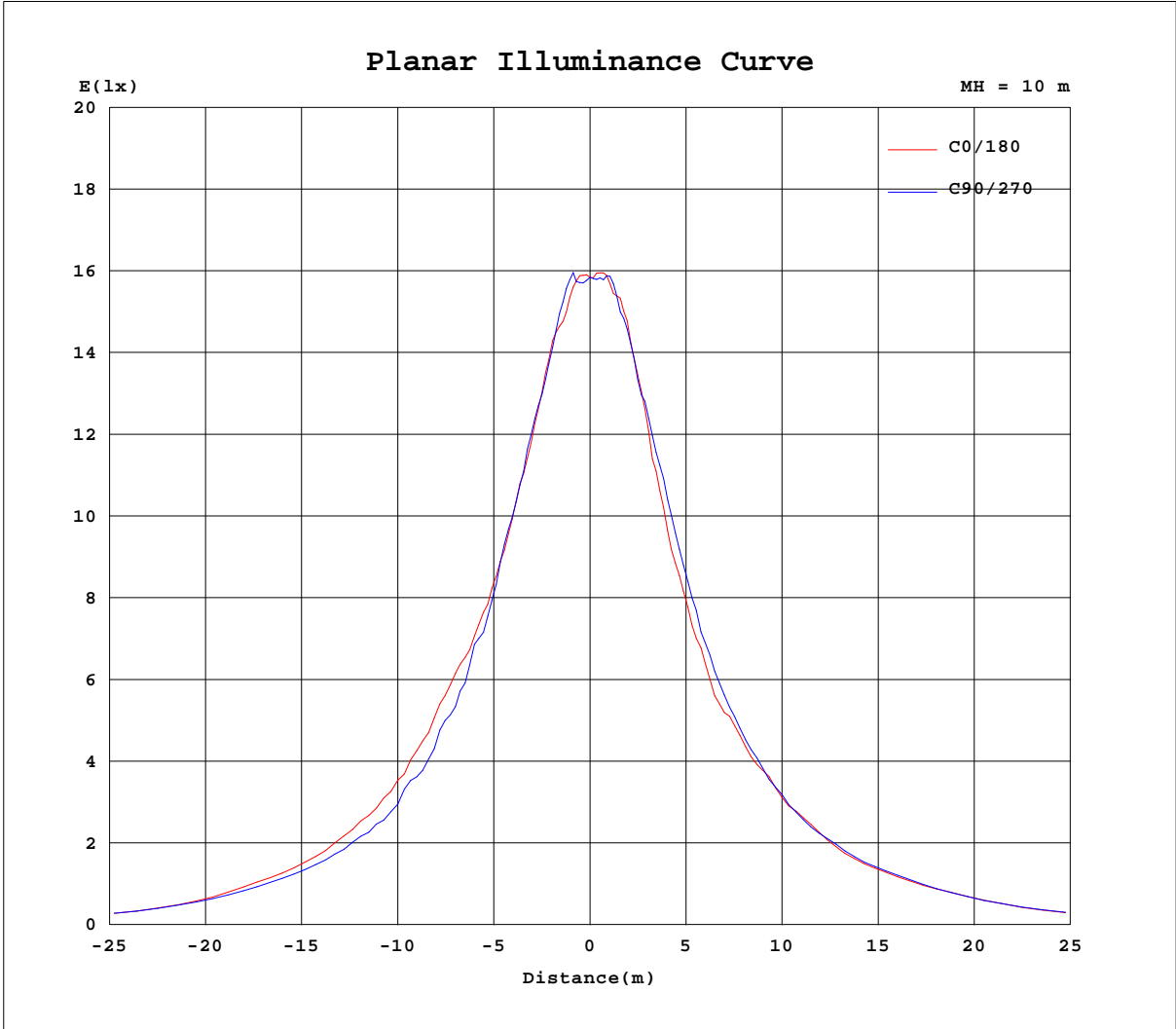
AvgL	cd/m2
L_0~180(65)av	15863
L_0~180(75)av	13644
L_0~180(85)av	11235
L_90~270(65)av	15772
L_90~270(75)av	13590
L_90~270(85)av	10793
L_45(65)av	15987
L_45(75)av	13833
L_45(85)av	11063

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=0.9753]
 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=0.9753]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	1584	1585	1583	1587	1586	1585	1585	1583	1584	1585	1586	1586	1584	1585	1583	1587	1586	1585	1585
5	1579	1592	1604	1597	1596	1601	1615	1613	1591	1596	1607	1611	1608	1615	1612	1601	1599	1600	1606
10	1519	1502	1502	1524	1491	1522	1524	1540	1540	1552	1562	1599	1572	1586	1587	1569	1561	1561	1554
15	1401	1403	1386	1410	1404	1402	1410	1406	1431	1422	1437	1434	1447	1443	1442	1425	1445	1458	1439
20	1302	1282	1295	1304	1287	1284	1297	1289	1300	1278	1276	1292	1280	1306	1305	1304	1324	1331	1355
25	1195	1223	1224	1210	1206	1187	1191	1171	1152	1152	1162	1151	1148	1155	1172	1197	1209	1208	1234
30	1132	1117	1097	1123	1112	1094	1079	1082	1043	1057	1049	1028	1044	1068	1085	1085	1117	1109	1104
35	1121	1091	1097	1071	1031	1007	972	982	969	959	954	955	945	966	995	1010	1018	1011	1023
40	1048	1040	1082	1052	1016	982	903	911	910	898	913	905	915	949	965	976	974	960	954
45	1002	972	1030	982	950	889	835	834	857	844	896	896	883	910	938	926	935	909	902
50	957	904	938	901	881	844	818	794	791	819	824	828	855	879	871	884	893	853	847
55	887	858	882	848	829	812	781	782	793	789	797	794	795	803	827	846	849	804	815
60	841	832	831	788	777	774	745	748	772	765	785	771	779	803	814	832	832	808	798
65	651	642	655	655	629	629	644	631	640	652	645	656	690	693	699	714	709	690	689
70	478	489	480	474	453	456	462	455	467	477	474	489	504	497	533	526	537	508	517
75	347	350	342	340	331	333	329	325	344	346	342	353	360	366	380	378	382	373	374
80	209	204	200	200	198	200	201	208	216	219	225	235	238	247	250	254	256	247	248
85	78.2	75.8	71.2	74.8	73.4	77.1	77.2	82.9	87.1	96.4	103	113	118	122	124	123	120	112	111
90	32.1	30.3	29.5	31.2	33.0	34.5	34.0	35.8	38.1	40.2	42.5	44.9	45.4	45.6	46.4	43.4	41.1	40.3	40.3
95	21.2	20.4	19.6	19.4	19.8	20.3	19.7	20.0	20.3	20.5	21.2	24.5	24.2	24.3	22.8	21.0	20.2	21.2	21.8
100	17.8	17.2	16.2	16.4	16.6	17.0	16.5	16.3	16.0	15.7	15.3	16.6	16.5	16.3	15.1	15.0	15.3	16.4	17.2
105	16.4	15.4	14.1	13.0	12.7	14.9	15.2	14.3	12.9	11.8	11.2	14.6	15.0	14.1	11.7	11.4	12.9	14.9	15.8
110	16.2	14.8	13.6	10.9	11.5	13.7	14.9	13.2	11.7	8.22	9.54	11.3	12.5	10.9	9.53	7.76	11.4	13.2	15.2
115	18.6	14.0	12.1	11.0	11.2	11.7	12.1	11.2	11.2	10.1	9.05	10.8	12.4	10.0	8.92	9.34	10.6	11.4	11.9
120	17.9	13.9	12.0	12.2	11.8	11.6	11.6	11.4	12.4	11.8	9.70	9.91	10.8	9.42	9.53	11.3	12.3	11.2	11.2
125	14.9	12.0	11.3	11.3	10.2	9.91	9.93	10.3	10.8	10.7	9.12	10.0	11.6	9.79	8.76	10.4	10.4	10.5	10.5
130	16.8	13.6	11.3	12.0	12.2	13.3	13.2	12.8	11.8	10.5	9.06	9.02	10.1	8.75	8.60	9.79	10.8	11.4	11.1
135	22.5	19.1	15.9	14.7	12.8	14.1	14.9	14.9	13.6	14.0	9.33	10.3	13.2	9.63	8.67	13.2	13.3	14.6	15.1
140	20.2	18.6	15.2	11.4	10.5	11.8	12.2	12.2	11.4	10.7	10.7	12.5	15.0	11.9	10.3	10.3	11.1	12.1	12.0
145	15.6	15.2	12.7	9.06	9.94	10.3	10.5	10.7	9.78	9.21	10.9	12.9	13.3	12.2	10.6	9.02	9.58	10.4	10.2
150	11.7	11.1	9.84	9.54	9.80	9.69	9.86	9.73	9.84	9.91	9.98	10.6	10.9	10.1	9.68	9.67	9.49	9.28	9.39
155	10.2	10.4	9.94	9.94	9.98	10.0	10.0	9.97	10.0	10.1	10.2	10.4	10.3	10.1	9.88	9.77	9.67	9.63	9.64
160	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.5	10.5	10.3	10.3	10.2	10.2	10.1	10.1	10.1
165	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.7	10.7	10.8	10.6	10.6	10.6	10.5	10.4	10.4	10.4
170	10.6	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.9	11.0	11.0	10.8	10.9	10.9	10.8	10.7	10.7	10.7
175	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.0	11.0	11.1	11.0	11.0	10.9	10.9
180	11.1	11.1	11.1	11.2	11.1	11.1	11.1	11.1	11.1	11.2	11.1	11.1	11.0	11.1	11.1	11.2	11.1	11.1	11.1

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=0.9753]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.2976A P:35.447W PF:0.9916 Freq:59.97Hz Lamp Flux:4410x1 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	1583	1584	1585	1586	1586														
5	1605	1596	1598	1590	1583														
10	1541	1556	1547	1532	1510														
15	1457	1447	1468	1423	1435														
20	1336	1343	1346	1316	1327														
25	1243	1258	1224	1201	1191														
30	1135	1170	1167	1139	1140														
35	1082	1087	1098	1119	1123														
40	1003	1032	1093	1067	1079														
45	919	974	1037	1035	1002														
50	861	901	967	954	914														
55	812	870	895	901	890														
60	798	824	845	841	834														
65	677	665	682	677	670														
70	503	497	505	498	483														
75	359	362	367	359	348														
80	233	234	224	219	212														
85	103	98.3	91.8	88.6	83.1														
90	38.0	37.0	35.4	33.3	32.6														
95	20.7	20.3	20.3	20.6	21.2														
100	16.4	16.2	16.3	16.7	18.0														
105	14.8	13.1	13.0	14.2	15.3														
110	13.2	11.6	10.2	13.1	14.3														
115	10.9	10.7	10.1	11.9	14.5														
120	10.8	11.4	11.6	11.4	13.8														
125	9.92	10.1	11.1	11.7	12.2														
130	11.6	11.3	11.0	10.7	13.1														
135	14.2	12.6	13.0	14.6	17.8														
140	11.8	10.6	11.3	14.7	17.6														
145	10.0	10.2	8.59	12.1	14.6														
150	9.28	9.48	9.18	9.45	10.8														
155	9.65	9.62	9.64	9.63	10.2														
160	10.0	9.98	10.0	10.0	10.1														
165	10.4	10.3	10.3	10.3	10.4														
170	10.7	10.6	10.6	10.6	10.6														
175	10.9	11.0	11.0	10.9	10.9														
180	11.1	11.1	11.2	11.1	11.1														

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=0.9753]
 Remarks: