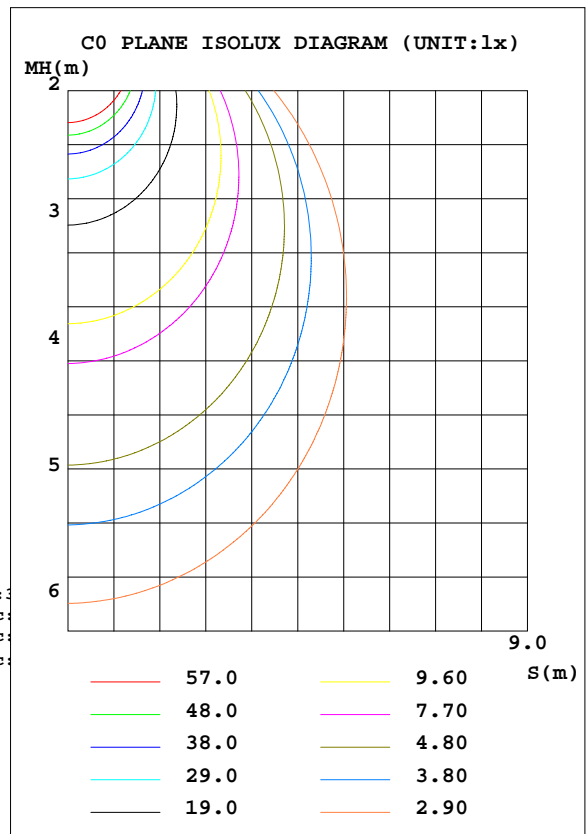
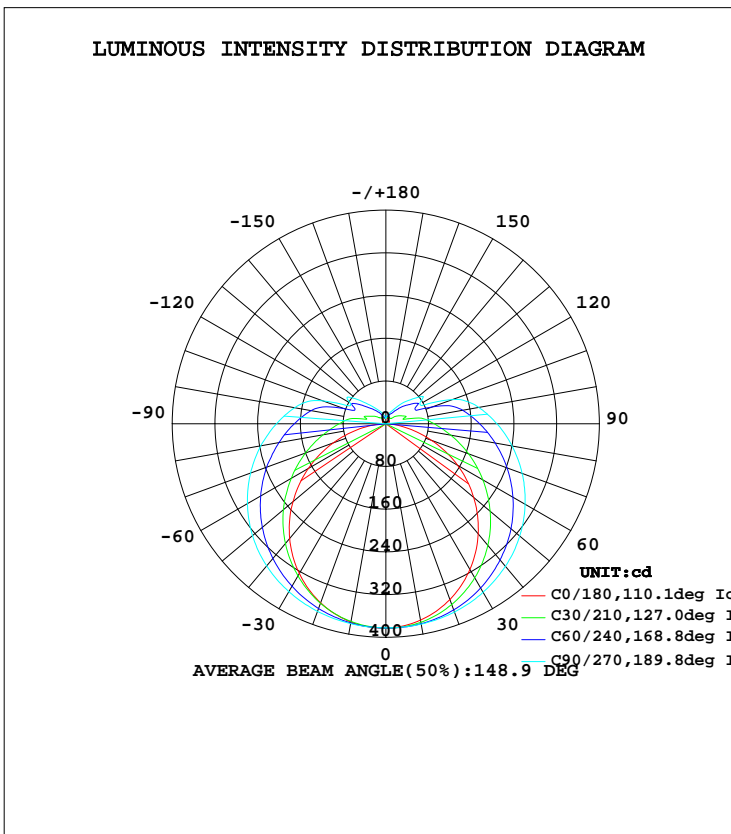


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.07 lm/W			
MODEL	ASD-LVF23-36D30CC-NK	Imax(cd)	382.9	S/MH(C0/180)	1.26
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.43
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1880.4	η UP, DN(C0-180)	9.6,40.5
NOMINAL FLUX(lm)	1880.42	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	9.3,40.6
LAMPS INSIDE	1	η up(%)	18.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)		η down(%)	81.1	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wqh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	373.5	379.1	380.9	376.0	376.9	377.3	380.1	377.0	0- 10	36.25	36.25	1.93,1.93
20	350.5	366.2	375.3	362.0	356.8	362.5	374.1	364.8	10- 20	105.1	141.3	7.52,7.52
30	314.9	344.9	364.2	340.2	324.2	339.9	363.3	344.5	20- 30	163.4	304.7	16.2,16.2
40	269.2	316.4	348.4	311.8	280.2	311.1	347.3	317.6	30- 40	205.6	510.3	27.1,27.1
50	215.1	282.8	327.3	278.6	227.0	277.0	326.0	285.3	40- 50	228.5	738.8	39.3,39.3
60	154.8	245.9	301.2	242.4	167.7	240.3	299.6	249.7	50- 60	231.1	969.9	51.6,51.6
70	91.18	207.4	271.6	204.9	104.7	202.4	269.6	212.4	60- 70	215.5	1185	63,63
80	33.17	171.0	240.1	170.0	44.27	166.3	237.9	176.0	70- 80	186.8	1372	73,73
90	4.713	138.8	208.2	139.3	6.177	134.7	204.9	143.1	80- 90	153.0	1525	81.1,81.1
100	5.210	111.1	177.0	112.3	5.416	106.3	173.7	114.0	90-100	122.9	1648	87.6,87.6
110	6.334	49.72	133.0	54.60	6.425	51.02	125.6	52.56	100-110	87.69	1736	92.3,92.3
120	7.335	55.71	73.98	59.22	7.518	53.32	77.31	55.30	110-120	51.29	1787	95,95
130	8.233	40.12	76.77	44.08	8.382	35.35	72.16	36.43	120-130	40.55	1828	97.2,97.2
140	9.203	25.60	52.46	29.55	9.133	23.09	45.02	24.25	130-140	25.29	1853	98.5,98.5
150	9.655	17.60	32.30	17.02	9.875	15.24	30.74	17.94	140-150	14.38	1867	99.3,99.3
160	10.34	15.18	22.14	13.67	10.38	12.95	21.90	16.00	150-160	7.959	1875	99.7,99.7
170	12.29	13.71	15.71	12.46	12.26	11.95	15.71	13.29	160-170	3.983	1879	99.9,99.9
180	13.82	14.05	10.66	14.14	13.86	14.04	10.69	14.13	170-180	1.235	1880	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

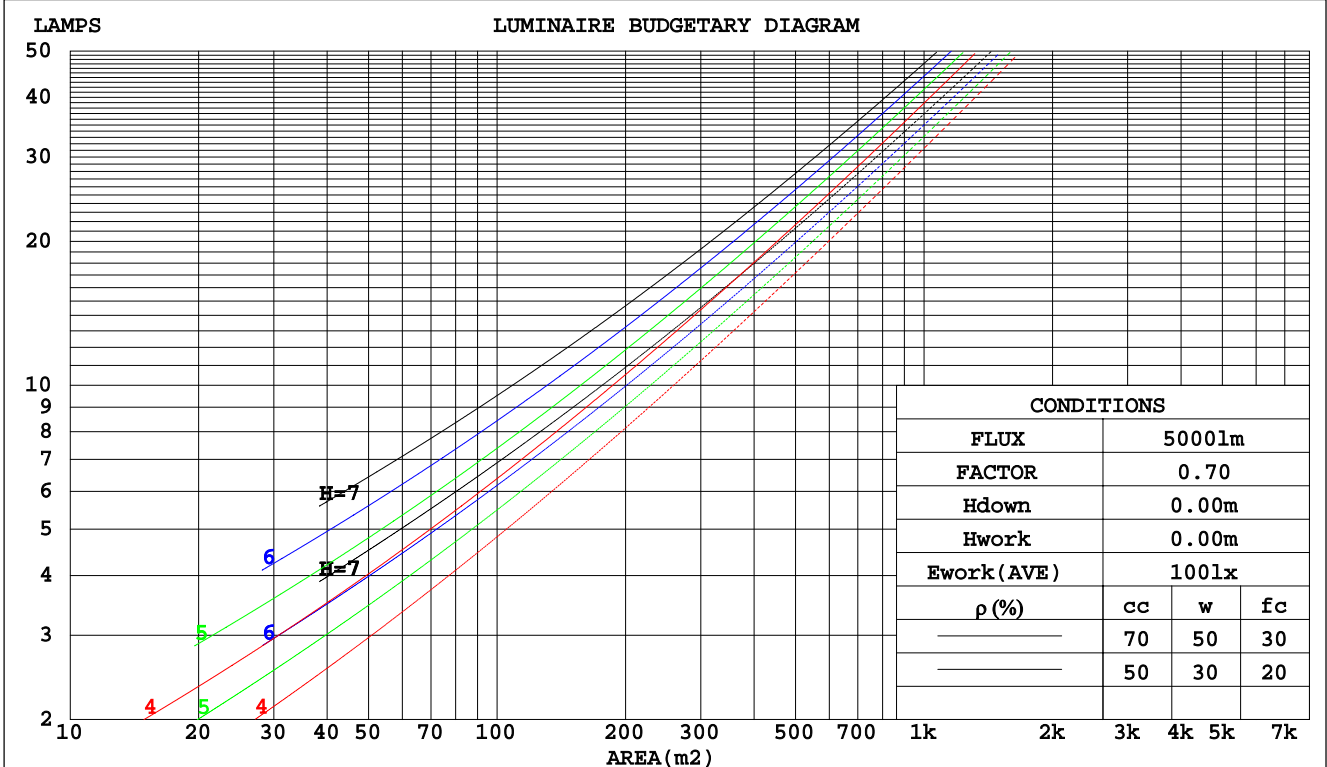
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.92	.92	.92	.85	.85	.85	.81
1.0	.95	.89	.84	.91	.86	.81	.83	.79	.75	.76	.72	.70	.69	.67	.64	.61
2.0	.81	.73	.66	.77	.70	.64	.71	.65	.60	.64	.60	.55	.59	.55	.51	.48
3.0	.70	.61	.54	.67	.59	.52	.61	.54	.49	.56	.50	.45	.51	.46	.42	.39
4.0	.61	.52	.45	.59	.50	.43	.54	.46	.41	.49	.43	.38	.45	.40	.35	.33
5.0	.54	.45	.38	.52	.43	.37	.48	.40	.34	.44	.37	.32	.40	.35	.30	.28
6.0	.49	.39	.32	.47	.38	.32	.43	.35	.30	.39	.33	.28	.36	.31	.26	.24
7.0	.44	.35	.28	.42	.34	.28	.39	.31	.26	.36	.29	.25	.33	.27	.23	.21
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.33	.26	.22	.30	.25	.21	.18
9.0	.36	.28	.22	.35	.27	.22	.32	.26	.21	.30	.24	.20	.28	.22	.18	.16
10.0	.33	.25	.20	.32	.25	.20	.30	.23	.19	.28	.22	.18	.26	.20	.17	.15



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.395	.225	.071	.382	.218	.069	.358	.205	.066	.335	.193	.062	.315	.182	.059	
2.0	.339	.186	.057	.328	.181	.056	.306	.170	.053	.285	.160	.050	.267	.151	.048	
3.0	.300	.160	.048	.290	.155	.047	.270	.146	.044	.251	.138	.042	.234	.130	.040	
4.0	.270	.140	.041	.260	.136	.040	.242	.128	.038	.225	.121	.036	.209	.114	.035	
5.0	.245	.125	.036	.236	.121	.035	.219	.114	.034	.204	.108	.032	.190	.101	.030	
6.0	.224	.112	.032	.216	.109	.031	.201	.103	.030	.187	.097	.029	.174	.091	.027	
7.0	.206	.102	.029	.199	.099	.028	.185	.094	.027	.172	.088	.026	.160	.083	.024	
8.0	.191	.093	.026	.184	.091	.026	.172	.086	.025	.160	.081	.023	.149	.076	.022	
9.0	.178	.086	.024	.172	.084	.023	.160	.079	.022	.149	.075	.021	.139	.071	.020	
10.0	.166	.080	.022	.161	.078	.022	.150	.073	.021	.140	.069	.020	.130	.066	.019	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.334	.334	.334	.286	.286	.286	.195	.195	.195	.112	.112	.112	.036	.036	.036	
1.0	.331	.301	.273	.283	.258	.235	.194	.177	.162	.112	.103	.094	.036	.033	.031	
2.0	.325	.278	.238	.278	.239	.206	.191	.165	.144	.110	.096	.084	.035	.031	.027	
3.0	.317	.261	.217	.272	.225	.188	.187	.157	.132	.108	.091	.078	.035	.030	.025	
4.0	.309	.249	.203	.265	.215	.176	.183	.150	.124	.106	.088	.073	.034	.029	.024	
5.0	.302	.239	.193	.259	.207	.168	.178	.145	.119	.103	.085	.070	.033	.028	.023	
6.0	.294	.231	.186	.253	.200	.162	.174	.140	.115	.101	.082	.068	.033	.027	.023	
7.0	.287	.225	.181	.247	.195	.158	.171	.137	.112	.099	.080	.067	.032	.026	.022	
8.0	.280	.219	.177	.241	.190	.154	.167	.133	.110	.097	.079	.065	.031	.026	.022	
9.0	.274	.214	.174	.236	.186	.152	.164	.131	.108	.095	.077	.064	.031	.025	.021	
10.0	.268	.210	.172	.231	.183	.150	.160	.128	.106	.094	.076	.064	.030	.025	.021	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm										
NAME: ASD-LVF23-36D30CC-NK					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD Lighting corp.					SUR.:			PROTECTION 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	15.5	16.9	16.1	17.4	18.0	18.2	19.5	18.7	20.1	20.6
3H	17.0	18.2	17.5	18.8	19.4	21.0	22.2	21.5	22.8	23.4
4H	17.5	18.7	18.1	19.3	19.9	22.5	23.8	23.1	24.3	25.0
6H	17.9	19.0	18.5	19.6	20.3	24.3	25.4	24.9	26.0	26.7
8H	18.0	19.1	18.6	19.7	20.4	25.2	26.3	25.8	26.9	27.6
12H	18.0	19.1	18.6	19.7	20.4	26.3	27.4	26.9	28.0	28.7
4H 2H	16.9	18.1	17.4	18.6	19.3	18.7	19.9	19.3	20.5	21.1
3H	18.6	19.7	19.2	20.3	21.0	21.8	22.8	22.4	23.5	24.2
4H	19.4	20.4	20.0	21.0	21.7	23.5	24.5	24.2	25.2	25.9
6H	20.0	20.9	20.7	21.5	22.3	25.5	26.4	26.2	27.0	27.8
8H	20.2	21.0	20.9	21.7	22.5	26.6	27.4	27.3	28.1	28.9
12H	20.3	21.1	21.0	21.8	22.6	27.8	28.6	28.5	29.3	30.1
8H 4H	20.7	21.5	21.4	22.2	23.0	23.9	24.7	24.6	25.4	26.2
6H	21.8	22.5	22.5	23.2	24.0	26.2	26.9	26.9	27.6	28.4
8H	22.2	22.8	22.9	23.5	24.4	27.5	28.1	28.2	28.8	29.7
12H	22.5	23.1	23.3	23.8	24.7	29.0	29.5	29.7	30.3	31.1
12H 4H	21.1	21.9	21.8	22.6	23.4	23.9	24.7	24.6	25.4	26.2
6H	22.5	23.1	23.2	23.8	24.6	26.3	26.9	27.0	27.6	28.5
8H	23.1	23.7	23.9	24.4	25.3	27.7	28.3	28.4	29.0	29.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1880 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

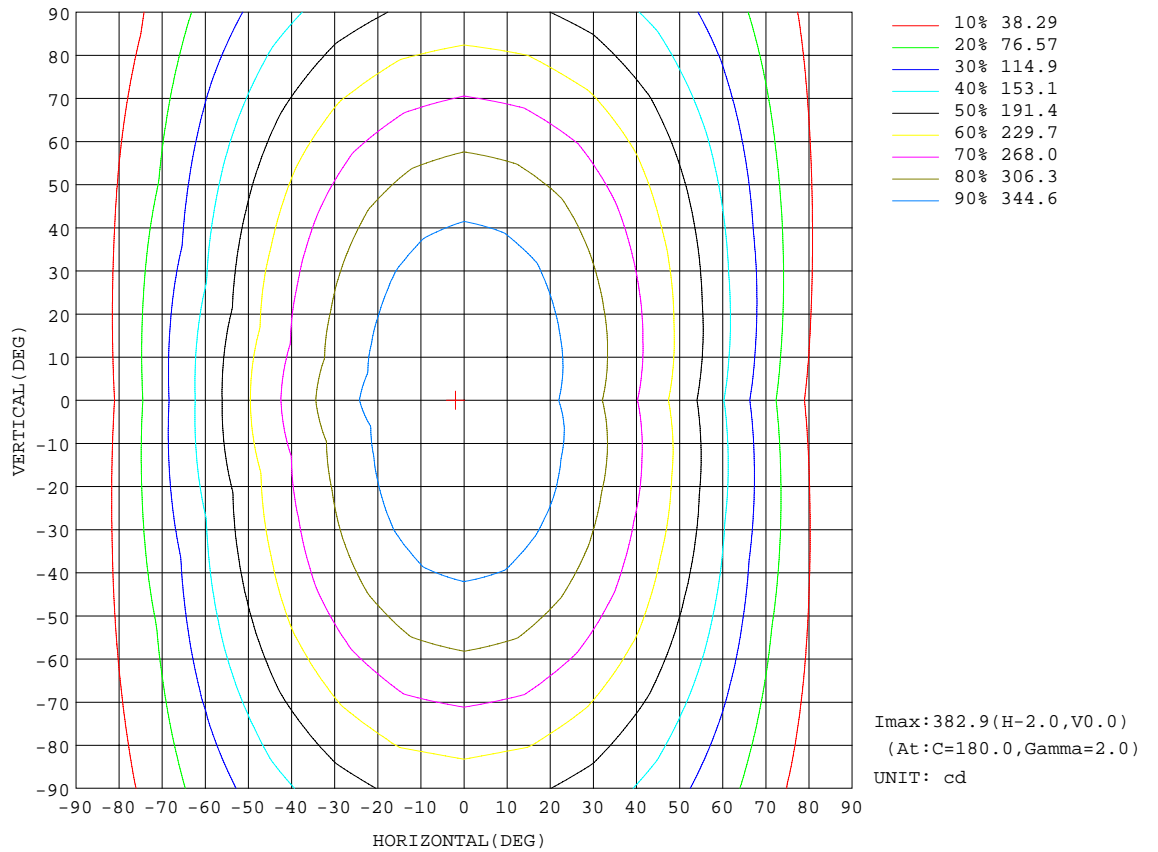
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	34	27	46	34	27	44	33	26	20
0.80	56	43	35	54	42	34	51	41	33	25
1.00	64	50	42	62	49	41	58	50	40	31
1.25	70	58	49	68	56	48	64	54	46	37
1.50	76	63	54	73	61	53	68	58	51	41
2.00	83	72	63	80	69	62	74	65	59	47
2.50	87	77	69	84	75	67	78	70	64	51
3.00	91	82	74	88	79	72	81	74	68	54
4.00	96	88	81	92	85	78	85	79	74	59
5.00	99	92	86	95	89	83	87	82	78	62
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:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

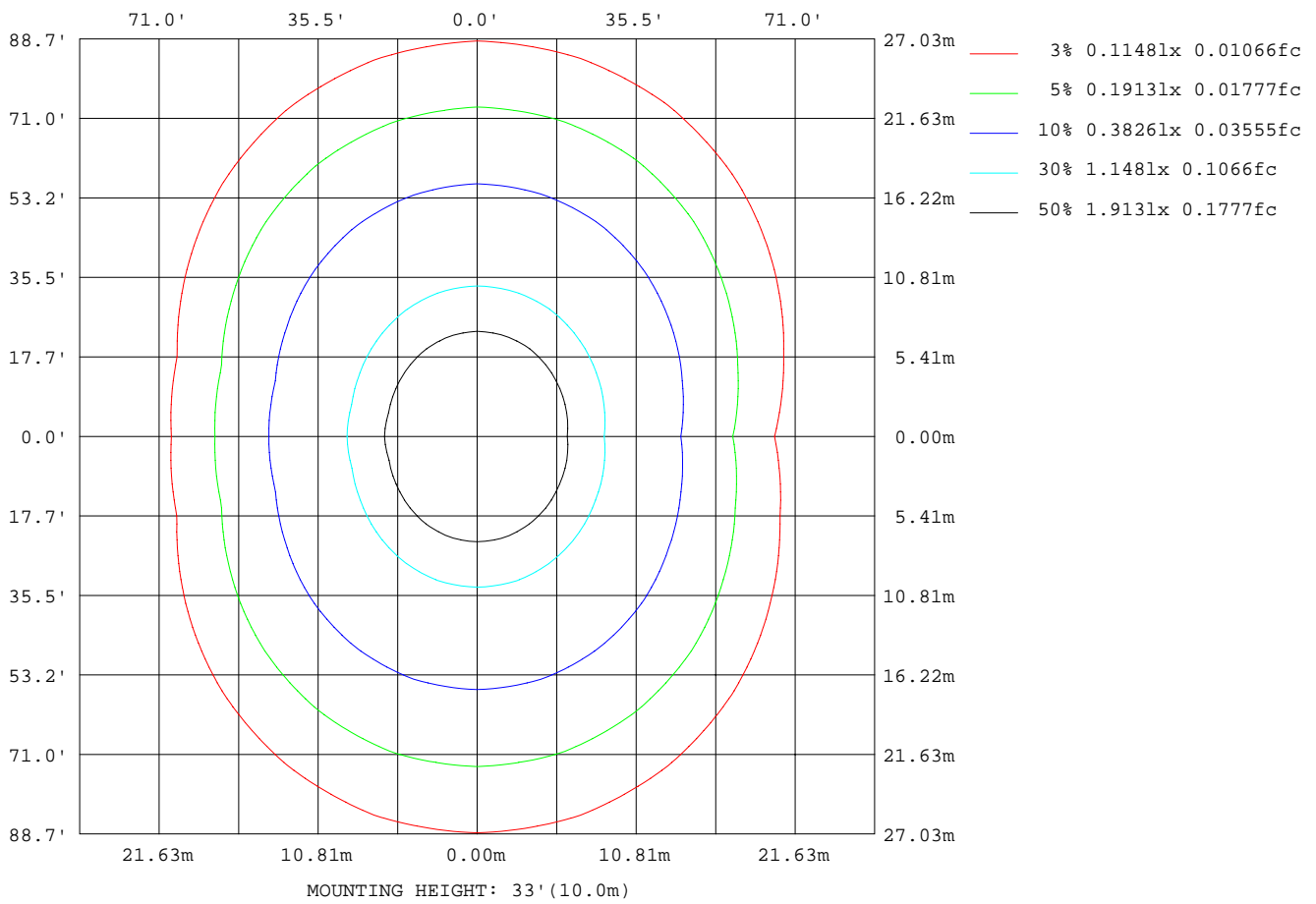


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

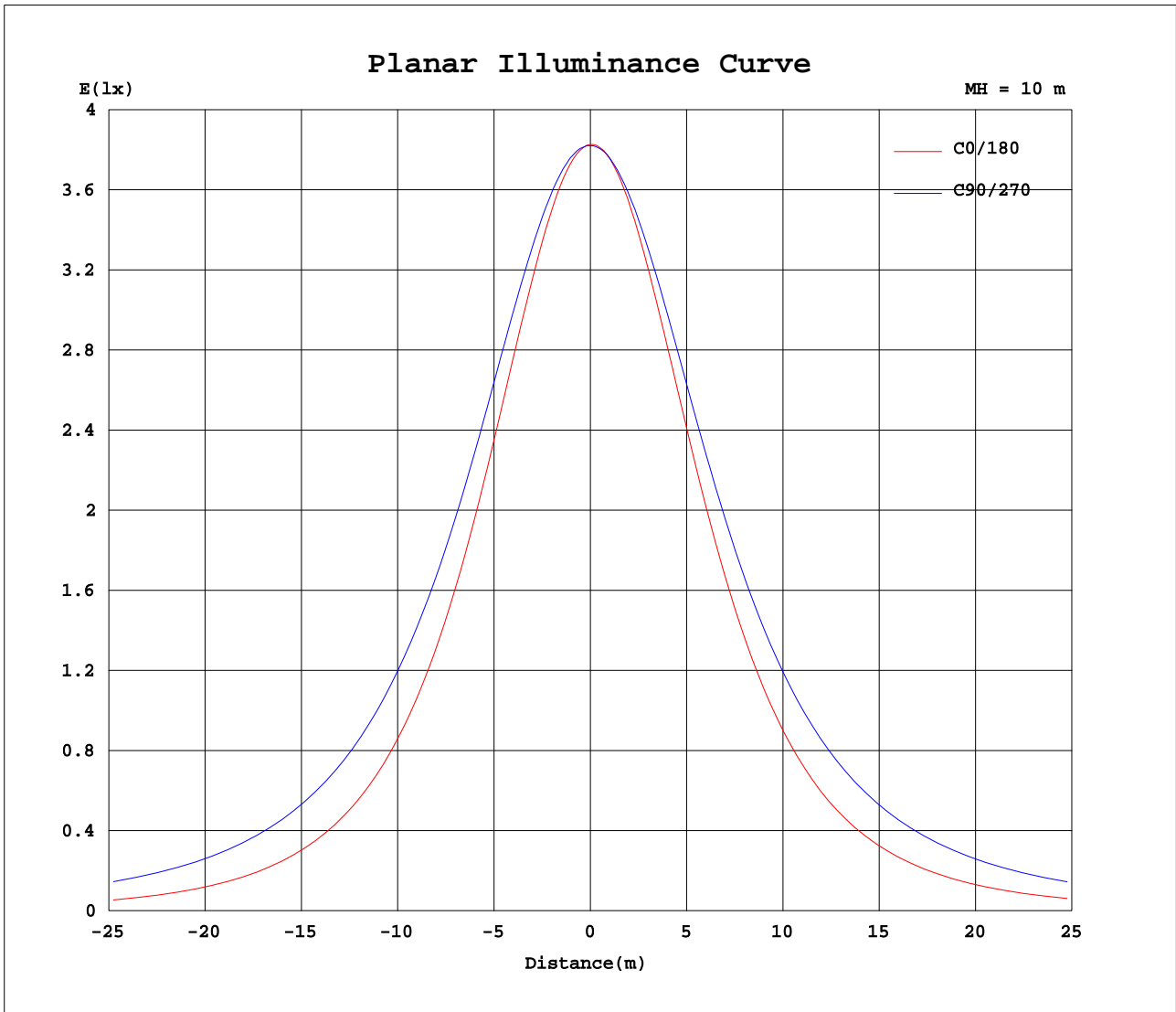
AvgL	cd/m2
L_0~180(65)av	3076
L_0~180(75)av	2593
L_0~180(85)av	1832
L_90~270(65)av	6765
L_90~270(75)av	9849
L_90~270(85)av	25534
L_45(65)av	5335
L_45(75)av	7281
L_45(85)av	17707

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:wxh
Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.500m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	383	383	382	382	382	382	382	382	382	381	380	380	383	383	382	382	382	382	382
5	380	381	381	382	382	382	382	382	382	380	379	378	382	380	381	381	382	382	382
10	374	376	378	379	380	381	381	380	379	376	374	372	377	375	376	377	379	380	380
15	364	368	370	374	377	378	379	377	375	370	366	363	369	366	368	371	374	377	378
20	351	356	360	366	371	375	375	373	369	362	356	351	357	354	358	363	368	372	374
25	334	342	348	356	364	370	371	368	362	352	343	337	342	339	345	352	361	366	369
30	315	324	333	345	355	363	364	361	353	340	328	319	324	321	329	340	351	359	363
35	293	305	316	332	345	355	357	353	342	327	310	299	304	300	312	326	341	351	356
40	269	283	297	316	333	345	348	344	331	312	292	276	280	278	293	311	329	342	347
45	243	259	277	300	320	335	339	334	318	296	272	252	255	253	272	295	316	331	337
50	215	233	255	283	306	323	327	322	304	279	250	226	227	227	251	277	302	319	326
55	185	205	232	265	291	309	315	308	289	261	228	199	198	200	227	259	287	305	313
60	155	177	210	246	275	295	301	294	273	242	206	172	168	172	205	240	271	291	300
65	123	149	187	226	258	280	287	280	256	223	184	145	137	144	182	221	254	276	285
70	91.2	121	165	207	242	265	272	264	240	205	163	118	105	116	160	202	237	260	270
75	60.6	95.0	144	189	225	249	256	248	223	187	142	93.4	73.6	90.4	139	184	220	244	254
80	33.2	71.4	124	171	208	233	240	233	207	170	123	71.3	44.3	67.4	120	166	203	228	238
85	12.2	51.6	105	154	192	216	224	216	191	154	106	53.2	19.7	48.4	102	150	187	212	221
90	4.71	37.5	90.6	139	176	200	208	200	176	139	92.6	40.8	6.18	35.5	87.5	135	172	196	205
95	4.83	28.1	78.2	125	161	184	192	185	161	126	80.9	31.0	5.21	26.6	75.8	121	157	180	189
100	5.21	19.3	62.5	111	146	169	177	170	147	112	63.4	23.1	5.42	19.6	57.5	106	142	165	174
105	5.73	15.7	33.3	87.0	128	151	159	152	129	88.2	38.3	19.7	5.81	14.9	37.4	76.4	122	147	156
110	6.33	12.3	40.7	49.7	92.3	123	133	124	93.8	54.6	44.7	17.0	6.43	13.5	41.3	51.0	83.4	112	126
115	6.73	10.5	34.9	53.5	61.5	81.6	91.0	83.7	64.8	57.1	39.1	14.6	6.86	12.0	33.7	61.2	63.8	73.6	82.2
120	7.34	10.2	30.3	55.7	66.6	70.4	74.0	72.0	68.6	59.2	34.4	13.0	7.52	11.9	28.3	53.3	74.4	76.6	77.3
125	7.69	9.66	25.5	47.0	66.9	81.7	84.9	82.7	68.9	50.7	30.2	12.3	7.88	11.1	24.2	42.7	64.6	79.9	87.6
130	8.23	9.76	20.3	40.1	55.5	69.8	76.8	71.1	57.8	44.1	25.5	12.2	8.38	11.3	18.9	35.4	51.0	64.3	72.2
135	8.65	9.47	14.6	32.1	46.8	57.4	63.1	59.1	49.4	37.2	18.3	12.0	8.90	11.4	16.3	28.4	41.2	50.2	56.2
140	9.20	9.33	13.3	25.6	37.6	47.3	52.5	49.3	41.0	29.5	15.8	11.6	9.13	11.1	14.6	23.1	34.4	40.8	45.0
145	9.64	9.86	13.2	19.4	29.7	36.8	41.7	39.2	32.4	22.5	14.7	11.5	9.59	11.3	13.4	18.8	28.7	33.3	36.7
150	9.65	10.6	13.0	17.6	23.3	29.2	32.3	30.6	25.1	17.0	13.7	11.1	9.87	10.8	13.0	15.2	24.0	28.7	30.7
155	9.82	11.2	13.4	16.4	20.3	24.0	26.3	25.1	19.8	14.9	13.0	11.0	10.0	10.3	12.7	13.7	18.5	24.3	26.1
160	10.3	11.5	12.7	15.2	18.0	20.6	22.1	21.1	15.1	13.7	12.1	11.1	10.4	10.3	11.2	12.9	13.8	20.7	21.9
165	11.4	11.9	12.7	14.0	15.8	17.5	18.6	17.4	12.8	12.5	12.2	11.9	11.4	11.2	11.5	11.4	12.7	15.0	18.4
170	12.3	12.5	13.1	13.7	14.2	15.1	15.7	11.8	11.5	12.5	12.8	12.7	12.3	12.2	12.1	11.9	11.0	11.5	15.7
175	13.3	13.3	13.5	13.8	14.0	14.0	13.5	10.6	11.9	13.2	13.3	13.1	13.1	12.9	12.9	13.0	11.8	10.2	10.1
180	13.8	13.9	14.0	14.1	14.0	13.1	10.7	12.7	14.2	14.1	13.9	13.8	13.9	13.9	14.0	14.0	14.0	13.2	10.7

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: wxh
 Test Date: 2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2377A P:28.04W PF:0.9835 Lamp Flux:1880.42x1 lm		
NAME: ASD-LVF23-36D30CC-NK	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting corp.	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	382	382	381	380	380														
5	382	382	380	380	379														
10	380	380	377	376	374														
15	377	376	372	369	366														
20	373	371	365	360	355														
25	368	364	356	348	341														
30	361	356	345	334	324														
35	353	346	332	318	305														
40	344	334	318	300	283														
45	333	322	302	280	260														
50	321	308	285	259	235														
55	308	293	268	238	209														
60	294	278	250	215	182														
65	279	261	231	193	155														
70	263	244	212	172	128														
75	247	227	194	151	102														
80	231	210	176	131	79.3														
85	215	193	159	113	59.4														
90	198	177	143	97.2	44.6														
95	183	162	129	84.1	34.5														
100	167	147	114	68.2	23.9														
105	150	129	88.0	37.6	18.1														
110	117	90.8	52.6	42.8	14.6														
115	75.4	62.7	59.4	35.7	12.7														
120	74.8	72.8	55.3	29.3	12.1														
125	79.8	65.2	44.1	25.3	11.3														
130	65.1	51.6	36.4	20.8	11.5														
135	51.4	42.2	30.7	15.6	11.6														
140	41.8	35.0	24.3	14.4	11.2														
145	33.9	28.9	20.0	14.2	11.3														
150	28.4	23.4	17.9	14.6	11.7														
155	23.8	20.3	17.1	14.8	11.7														
160	20.6	18.3	16.0	13.5	11.6														
165	17.7	15.9	14.1	12.5	11.8														
170	15.2	13.9	13.3	12.7	12.3														
175	13.6	13.8	13.7	13.4	13.3														
180	12.7	14.2	14.1	13.9	13.8														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:wxh
 Test Date:2019-05-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.500m [K=1.0000]
 Remarks: