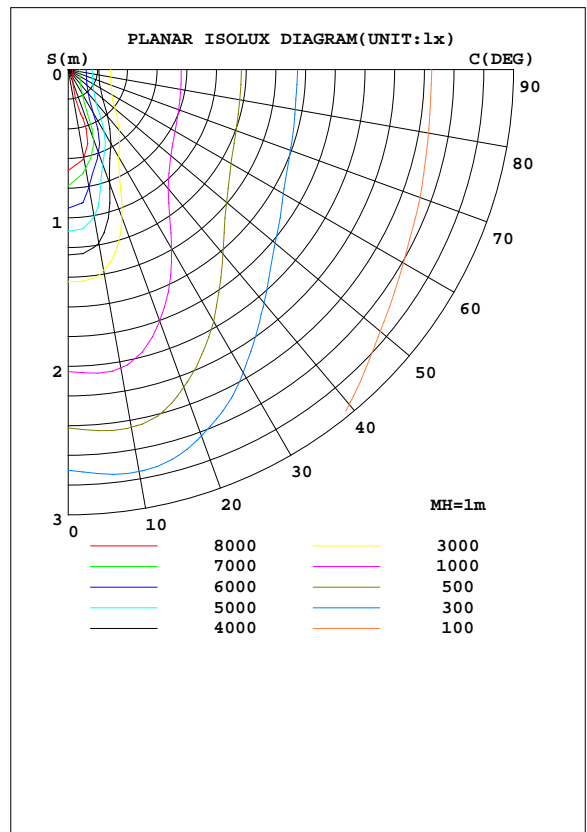
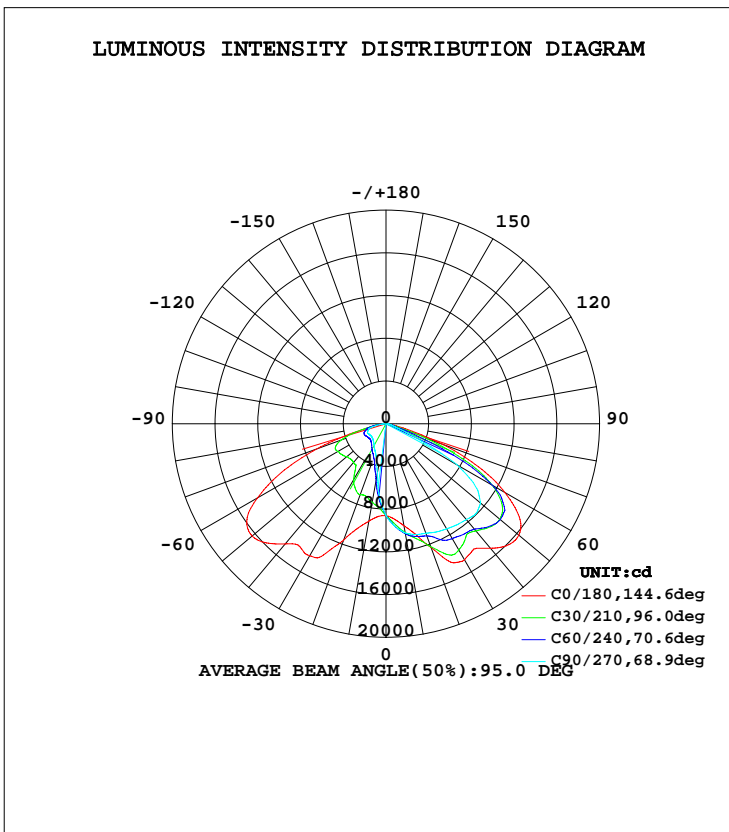


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.26 lm/W			
MODEL	NVSW219CT 120PCS	I _{max} (cd)	16362	S/MH(C0/180)	2.24
NOMINAL POWER(W)	298.4	LOR(%)	100.0	S/MH(C90/270)	1.95
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	36776	η UP, DN(C0-180)	0.0, 34.0
NOMINAL FLUX(lm)	36776.1	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 66.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	100.0	CIBSE SHR MAX	1.05



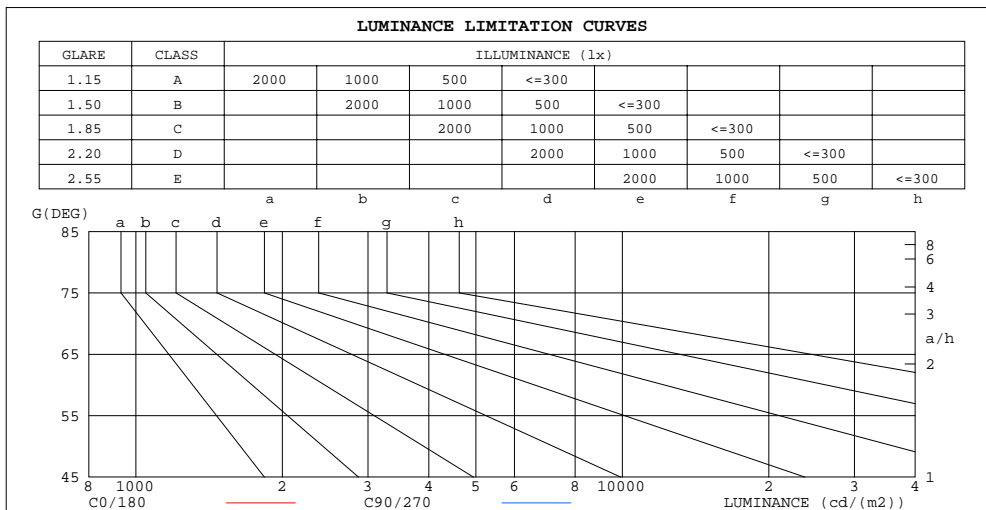
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
5	873.0	751.0	690.7	765.5	896.3	955.2	964.5	939.4	0- 5	204.4	204.4	0.56,0.56
10	926.1	634.4	466.1	657.1	968.3	1044	1039	1017	5- 10	606.9	811.3	2.21,2.21
15	1011	518.1	346.9	548.0	1071	1109	1074	1079	10- 15	999.7	1811	4.92,4.92
20	1158	448.0	287.7	478.3	1232	1155	1091	1110	15- 20	1415	3226	8.77,8.77
25	1340	401.2	256.1	427.0	1429	1268	1118	1206	20- 25	1891	5117	13.9,13.9
30	1427	346.7	224.6	350.6	1472	1295	1137	1254	25- 30	2375	7492	20.4,20.4
35	1406	295.3	204.3	296.9	1433	1284	1156	1247	30- 35	2696	10188	27.7,27.7
40	1469	273.5	190.3	275.9	1522	1299	1171	1266	35- 40	3009	13197	35.9,35.9
45	1579	264.6	182.6	269.8	1610	1393	1189	1367	40- 45	3449	16646	45.3,45.3
50	1636	266.2	180.7	276.5	1623	1452	1156	1450	45- 50	3883	20529	55.8,55.8
55	1592	283.2	184.6	295.4	1524	1422	1024	1445	50- 55	4141	24671	67.1,67.1
60	1390	298.7	190.0	314.3	1283	1272	766.5	1329	55- 60	4064	28735	78.1,78.1
65	1081	304.2	192.5	309.4	956.9	908.2	306.4	990.6	60- 65	3463	32197	87.5,87.5
70	689.6	278.0	176.7	267.4	563.3	406.3	99.49	474.5	65- 70	2378	34576	94,94
75	280.3	210.2	155.2	206.9	207.7	118.8	59.41	136.8	70- 75	1294	35870	97.5,97.5
80	79.88	143.7	85.51	98.48	56.71	54.31	32.69	57.14	75- 80	617.0	36487	99.2,99.2
85	16.11	42.61	18.73	25.74	12.48	20.05	8.750	23.95	80- 85	259.9	36747	99.9,99.9
90	0.4241	0	0	0	0.6731	0	0	0	85- 90	29.51	36776	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm			



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	92416	107471
80	230012	246224
75	541504	299848
70	1008085	258362
65	1278879	227738
60	1390308	189999
55	1387509	160940
50	1272727	140581
45	1116387	129123

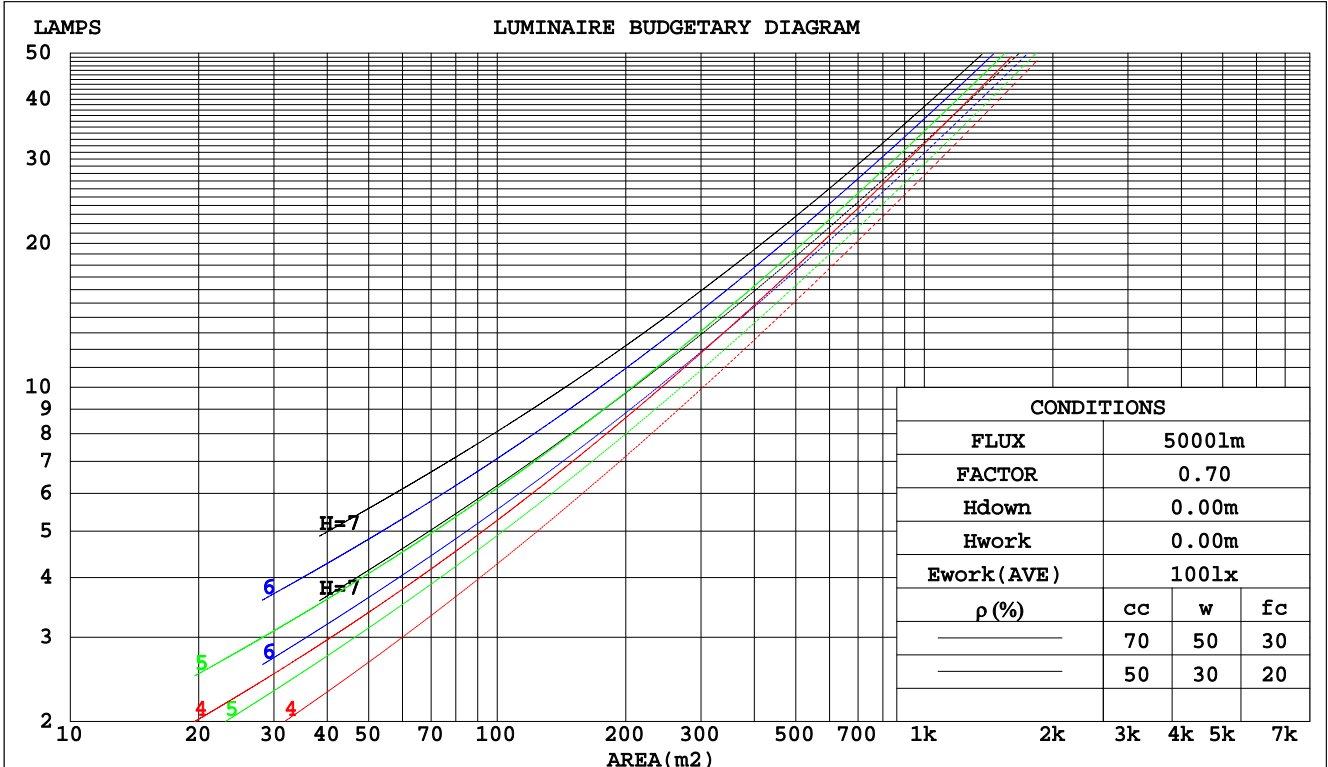
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:CHEN YU
Test Date:2017-04-27

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:9.410m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	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																0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.78	.69	.62	.76	.68	.62	.73	.66	.61	.70	.64	.59	.68	.63	.58	.56
4.0	.68	.58	.51	.66	.58	.51	.64	.56	.50	.61	.55	.50	.59	.54	.49	.47
5.0	.60	.50	.43	.59	.50	.43	.56	.48	.42	.54	.47	.42	.52	.46	.41	.39
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.36	.47	.41	.36	.33
7.0	.48	.38	.32	.47	.38	.32	.45	.37	.31	.44	.36	.31	.42	.36	.31	.29
8.0	.43	.34	.28	.42	.34	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.25
9.0	.39	.30	.25	.38	.30	.25	.37	.30	.24	.36	.29	.24	.35	.29	.24	.22
10.0	.36	.27	.22	.35	.27	.22	.34	.27	.22	.33	.26	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	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	.309	.176	.056	.302	.172	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.300	.164	.050	.293	.162	.050	.282	.157	.049	.271	.152	.048	.261	.148	.047	
3.0	.281	.150	.045	.276	.148	.044	.265	.144	.044	.255	.140	.043	.246	.136	.042	
4.0	.261	.136	.040	.256	.134	.040	.247	.131	.039	.238	.128	.039	.230	.125	.038	
5.0	.242	.123	.036	.238	.122	.036	.229	.119	.035	.222	.117	.035	.214	.115	.034	
6.0	.225	.113	.032	.221	.111	.032	.213	.109	.032	.206	.107	.032	.200	.105	.031	
7.0	.209	.103	.029	.205	.102	.029	.199	.100	.029	.192	.099	.029	.187	.097	.028	
8.0	.195	.095	.027	.192	.094	.027	.186	.093	.026	.180	.091	.026	.175	.090	.026	
9.0	.182	.088	.025	.179	.087	.025	.174	.086	.024	.169	.085	.024	.164	.083	.024	
10.0	.171	.082	.023	.168	.081	.023	.164	.080	.023	.159	.079	.022	.155	.078	.022	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.102	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.167	.114	.073	.143	.099	.063	.098	.069	.044	.057	.040	.026	.018	.013	.009	
4.0	.160	.101	.057	.137	.087	.049	.094	.061	.035	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.131	.079	.040	.090	.055	.028	.052	.032	.017	.017	.011	.005	
6.0	.146	.083	.038	.125	.072	.033	.087	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.139	.076	.032	.120	.066	.028	.083	.046	.020	.048	.027	.012	.016	.009	.004	
8.0	.133	.070	.028	.114	.061	.024	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.126	.065	.024	.109	.057	.021	.075	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.121	.061	.022	.104	.053	.019	.072	.037	.013	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	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	38.6	40.2	38.9	40.4	40.6	27.2	28.8	27.5	29.1	29.3
3H	40.8	42.3	41.1	42.5	42.8	30.1	31.6	30.4	31.8	32.1
4H	41.2	42.6	41.5	42.9	43.1	31.5	32.9	31.8	33.2	33.4
6H	41.2	42.5	41.5	42.8	43.1	32.4	33.8	32.8	34.0	34.3
8H	41.2	42.4	41.5	42.7	43.0	32.6	33.9	33.0	34.2	34.5
12H	41.1	42.3	41.5	42.6	43.0	32.7	33.9	33.1	34.2	34.6
4H 2H	38.4	39.9	38.8	40.1	40.4	30.0	31.4	30.3	31.7	31.9
3H	40.9	42.1	41.2	42.4	42.7	32.3	33.5	32.7	33.8	34.1
4H	41.4	42.5	41.8	42.8	43.2	33.6	34.7	33.9	35.0	35.3
6H	41.5	42.5	41.9	42.9	43.2	34.5	35.5	34.9	35.8	36.2
8H	41.5	42.4	41.9	42.8	43.2	34.8	35.7	35.2	36.0	36.4
12H	41.5	42.3	41.9	42.7	43.1	34.8	35.7	35.3	36.1	36.5
8H 4H	41.4	42.3	41.8	42.7	43.1	34.6	35.6	35.1	35.9	36.3
6H	41.6	42.3	42.0	42.8	43.2	35.7	36.4	36.1	36.9	37.3
8H	41.6	42.3	42.1	42.7	43.2	36.0	36.7	36.5	37.1	37.6
12H	41.6	42.2	42.1	42.6	43.1	36.2	36.7	36.6	37.2	37.7
12H 4H	41.4	42.2	41.8	42.6	43.0	34.7	35.6	35.2	36.0	36.4
6H	41.6	42.3	42.0	42.7	43.1	35.8	36.5	36.3	36.9	37.4
8H	41.6	42.2	42.1	42.6	43.1	36.2	36.8	36.7	37.2	37.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.6 / - 0.6					+ 0.2 / - 0.1				
2.0H	+ 1.6 / - 1.8					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 36776 lm Total Lamp Luminous Flux.(8log(F/F0) = 12.5)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	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	52	39	31	51	39	31	50	38	31	24
0.80	63	50	42	62	49	42	60	49	41	34
1.00	72	60	52	71	60	52	69	61	51	44
1.25	80	69	61	79	68	61	76	67	60	52
1.50	86	75	68	84	74	67	81	72	66	58
2.00	94	84	78	92	83	77	88	81	75	67
2.50	98	90	83	96	88	82	92	86	81	72
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	102	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

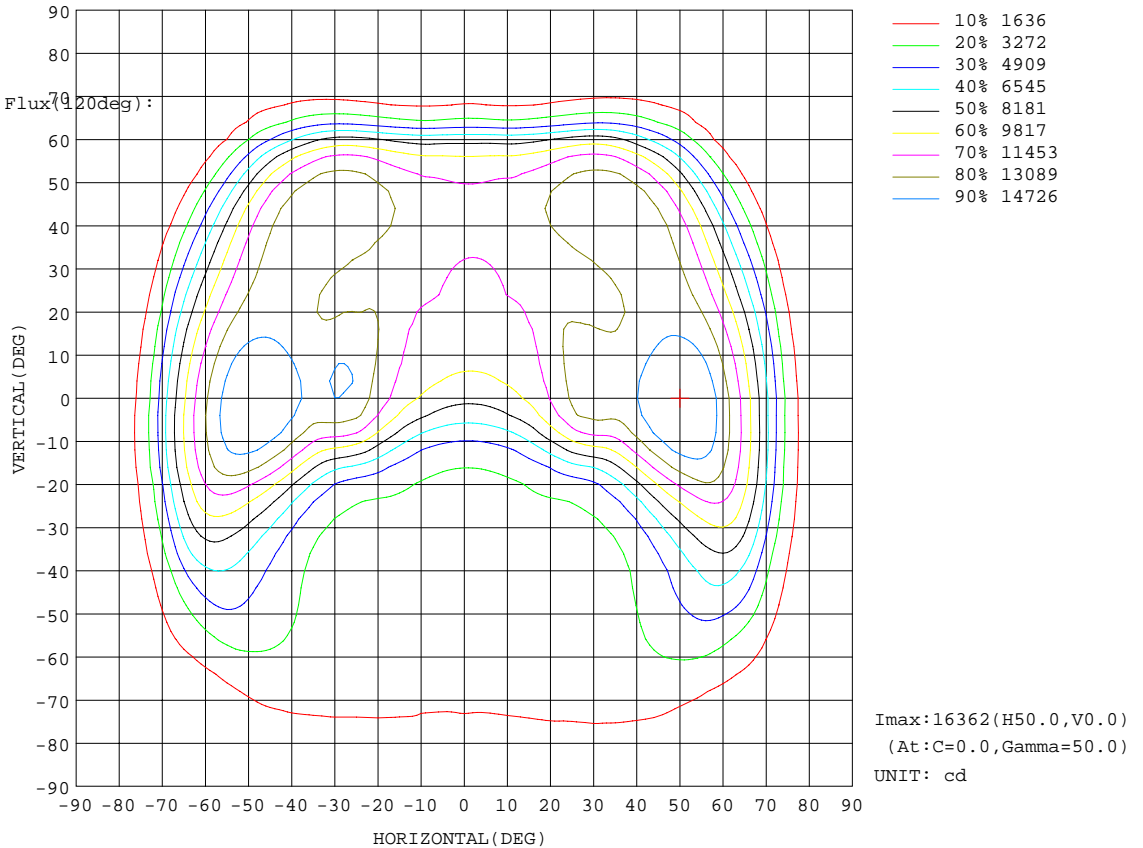
Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Conical surface Flux(90deg):

16646 lm
 %lum = 45.3%
 %lamp = 45.3%

Conical surface Flux(70deg):

28735 lm
 %lum = 78.1%
 %lamp = 78.1%



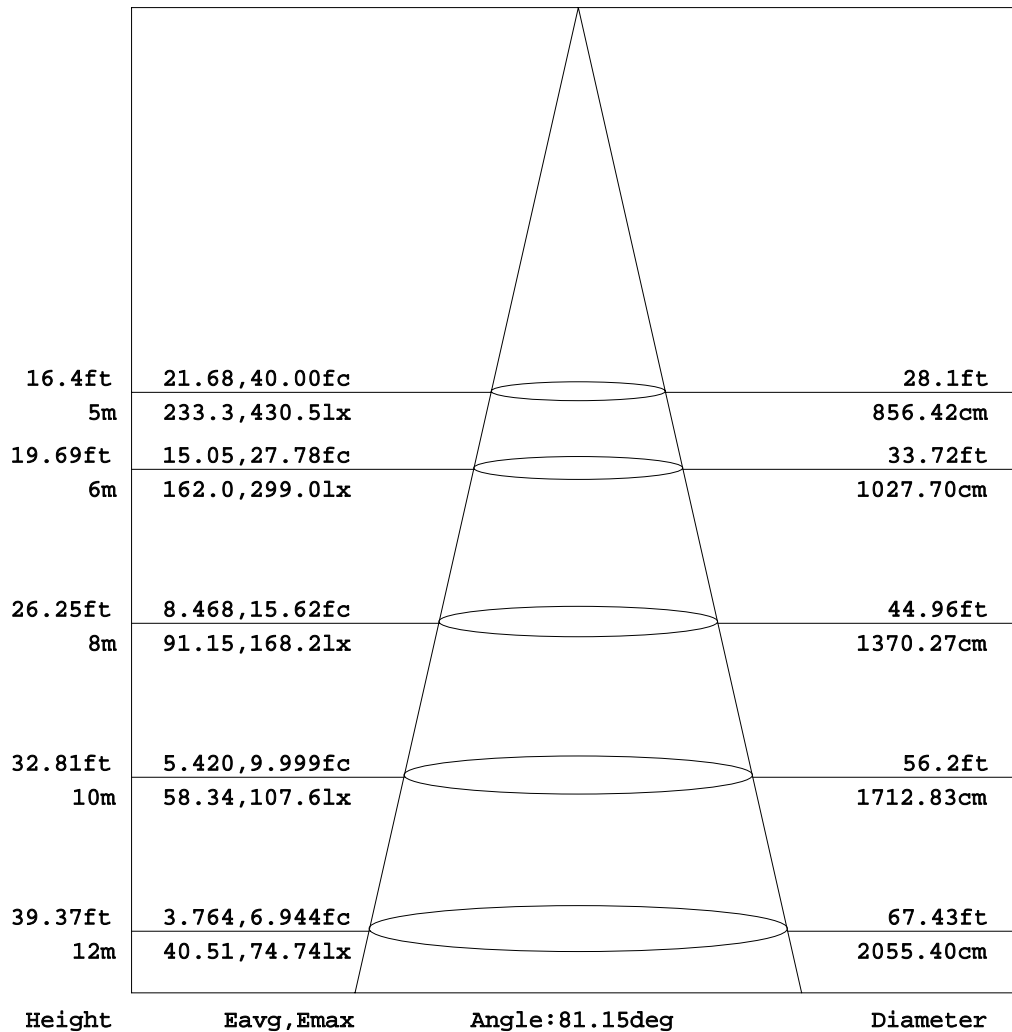
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Flux out:13849 lm



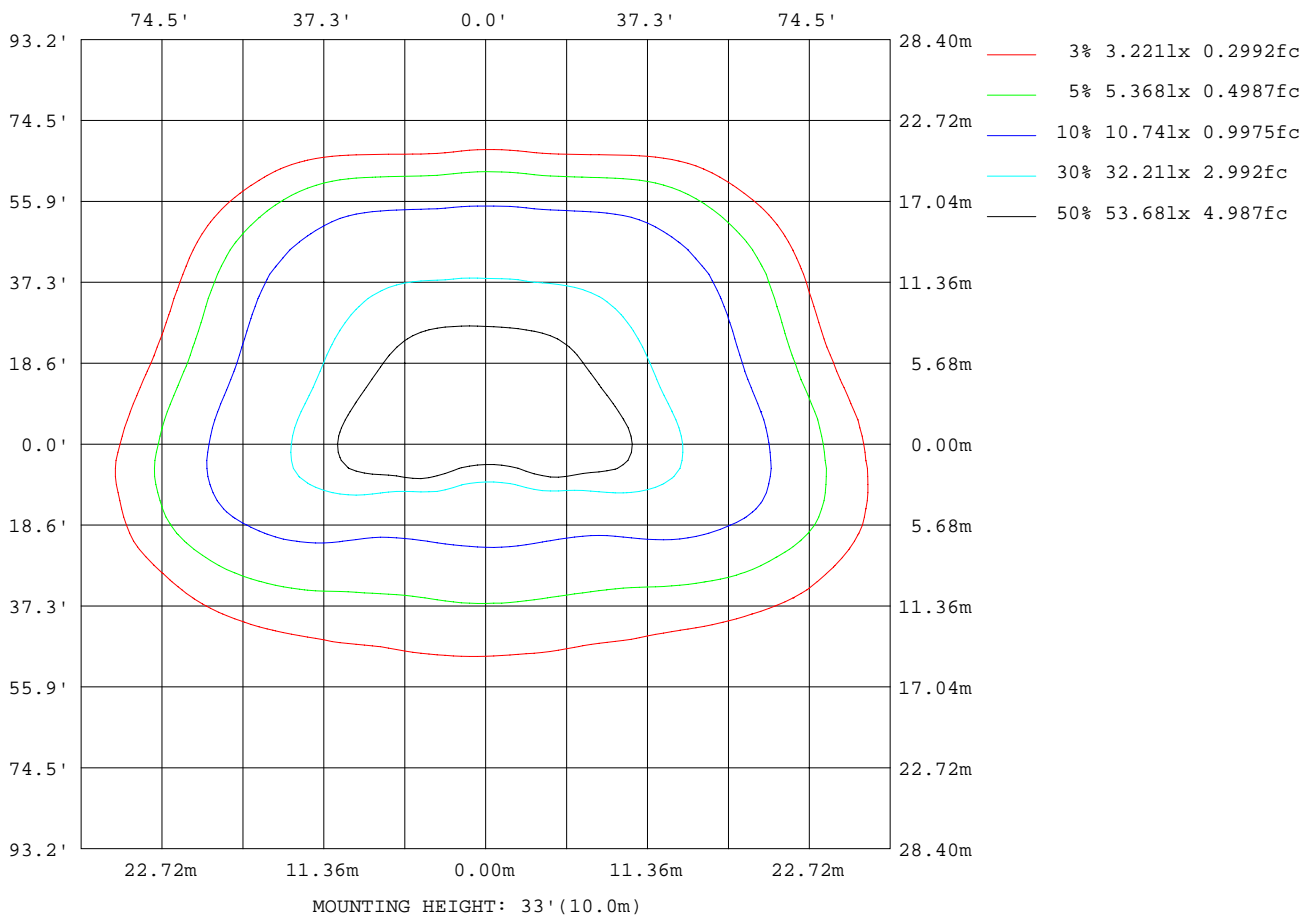
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

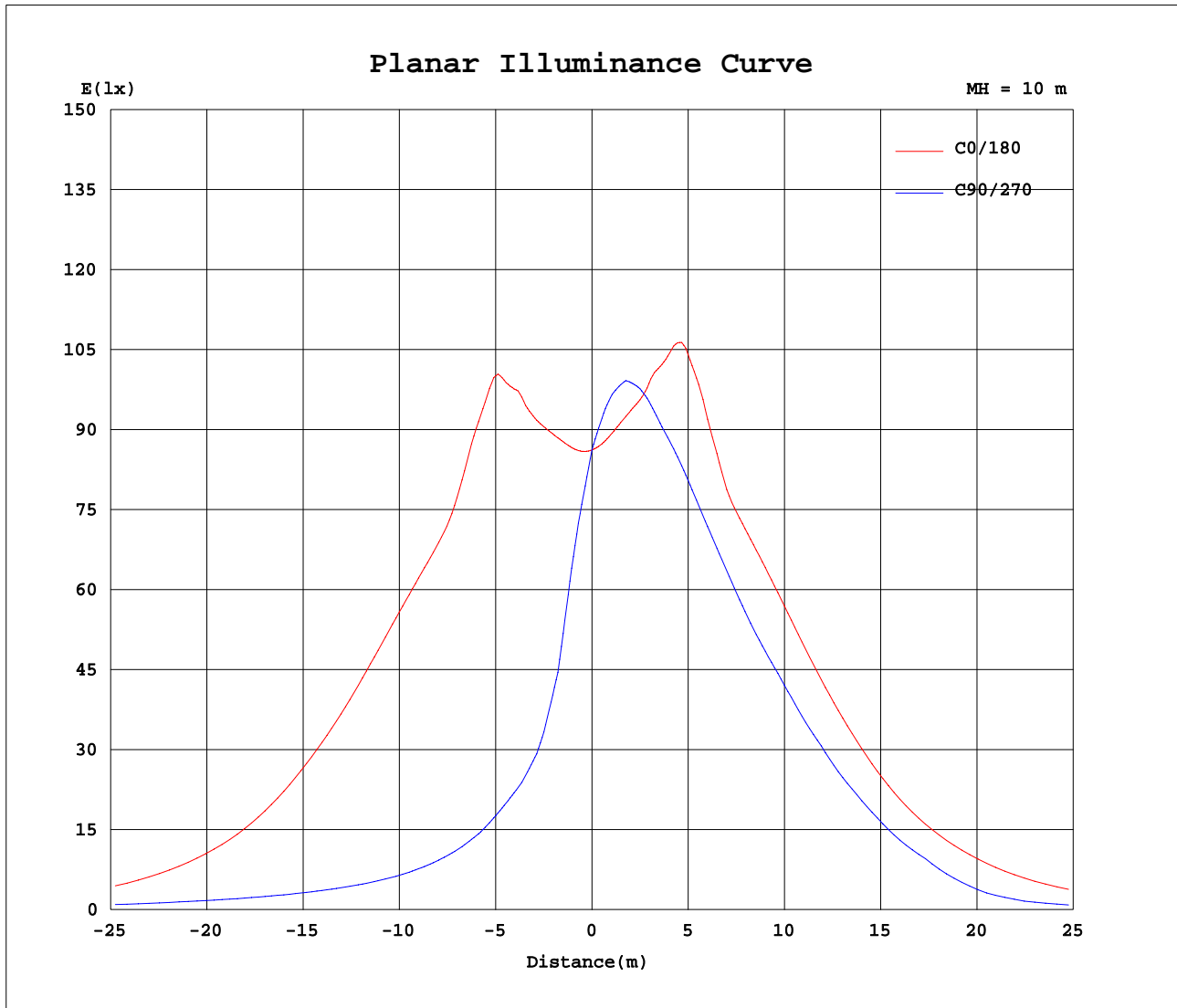
Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: CHEN YU
 Test Date: 2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--3

UNIT: x10cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862
5	913	921	928	935	941	946	951	955	959	961	963	964	965	966	966	965	964	964	962
10	996	1008	1019	1028	1034	1040	1043	1044	1045	1045	1045	1045	1044	1043	1042	1040	1039	1037	1035
15	1100	1111	1115	1118	1117	1116	1115	1109	1103	1097	1092	1089	1085	1081	1078	1076	1074	1073	1072
20	1254	1256	1251	1239	1226	1204	1181	1155	1142	1131	1118	1108	1101	1096	1093	1092	1091	1090	1088
25	1444	1434	1414	1382	1349	1319	1289	1268	1252	1222	1196	1180	1168	1151	1134	1123	1118	1116	1116
30	1487	1469	1439	1399	1365	1332	1310	1295	1276	1253	1241	1222	1196	1173	1156	1143	1137	1135	1136
35	1427	1402	1365	1334	1301	1290	1281	1284	1277	1279	1265	1241	1219	1199	1180	1164	1156	1155	1160
40	1467	1420	1373	1332	1310	1297	1299	1299	1307	1304	1289	1273	1248	1219	1197	1180	1171	1171	1179
45	1516	1454	1405	1380	1370	1375	1384	1393	1393	1387	1362	1322	1279	1239	1215	1199	1189	1191	1202
50	1500	1429	1388	1379	1390	1411	1432	1452	1451	1436	1397	1336	1271	1214	1187	1170	1156	1161	1178
55	1382	1309	1283	1294	1328	1366	1398	1422	1426	1410	1350	1265	1179	1105	1056	1037	1024	1033	1054
60	1137	1077	1062	1095	1146	1206	1247	1272	1265	1232	1149	1024	908	822	774	768	767	773	782
65	805	751	744	770	823	879	915	908	870	817	695	551	426	343	302	297	306	307	309
70	424	387	372	379	407	431	432	406	356	292	235	178	137	111	96.2	94.2	99.5	98.4	99.9
75	127	110	98.3	98.1	107	118	131	119	101	90.6	80.7	75.3	72.1	67.5	64.0	62.0	59.4	61.7	65.3
80	34.4	37.9	39.9	42.3	46.8	51.0	54.0	54.3	53.5	51.2	49.4	47.6	45.4	42.4	39.3	36.0	32.7	34.9	39.1
85	11.9	13.4	16.0	18.7	20.0	20.2	19.8	20.1	22.0	23.9	22.2	19.4	16.8	14.3	11.8	9.97	8.75	9.67	11.8
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:1.371A P:298.4W PF:0.9857 Lamp Flux:36776.1x1 lm		
NAME: SHOE BOX	TYPE:YHL-ST9-300	WEIGHT:
SPEC.:MEAN WELL	DIM.: 5000K	SERIAL No.:20170427
MFR.:	SUR.:70Ra	PROTECTION ANGLE:

Table--4

UNIT: x10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862				
5	960	958	955	952	949	944	939	934	927	921	914	907	899	890	882				
10	1033	1031	1028	1026	1023	1020	1017	1013	1008	1001	993	982	970	956	942				
15	1072	1072	1072	1073	1074	1076	1079	1081	1078	1075	1072	1066	1058	1044	1029				
20	1087	1087	1088	1092	1097	1104	1110	1122	1137	1150	1164	1175	1182	1182	1173				
25	1120	1128	1136	1141	1155	1185	1206	1225	1247	1272	1297	1322	1341	1354	1353				
30	1143	1158	1180	1199	1210	1227	1254	1274	1300	1330	1365	1402	1429	1446	1442				
35	1172	1186	1204	1224	1243	1247	1251	1256	1271	1302	1340	1382	1405	1414					
40	1194	1215	1238	1256	1271	1276	1266	1263	1257	1268	1287	1330	1377	1422	1457				
45	1217	1243	1282	1322	1353	1365	1367	1360	1350	1347	1357	1382	1429	1488	1546				
50	1191	1235	1296	1362	1412	1438	1450	1437	1422	1404	1395	1404	1442	1510	1586				
55	1084	1147	1230	1320	1395	1432	1445	1431	1409	1379	1356	1344	1369	1438	1524				
60	814	892	1006	1141	1246	1301	1329	1313	1284	1244	1196	1169	1173	1232	1315				
65	344	424	550	708	867	944	991	1014	1001	950	898	862	867	920	1006				
70	113	139	182	243	314	401	475	525	543	520	493	475	484	530	610				
75	68.8	73.8	78.8	84.9	94.4	106	137	162	166	160	143	143	155	177	221				
80	42.6	46.3	49.5	52.1	53.2	54.7	57.1	59.0	56.5	51.6	48.3	46.5	46.8	47.3	53.2				
85	14.7	17.7	20.9	24.3	27.0	26.1	24.0	23.8	23.6	23.8	22.6	20.6	17.6	15.4	15.5				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:CHEN YU
 Test Date:2017-04-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:9.410m [K=1.0000]
 Remarks: