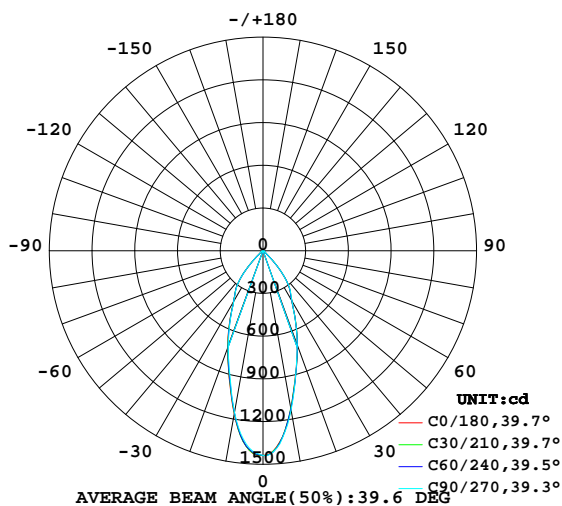


LUMINAIRE PHOTOMETRIC TEST REPORT

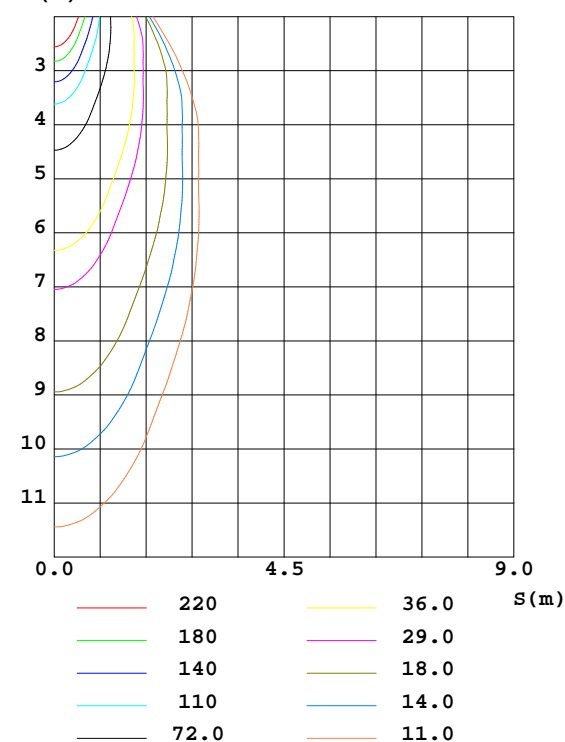
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 92.11 lm/W			
MODEL	M031-11W-827-S-40	Imax(cd)	1441	S/MH(C0/180)	0.60
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	976.35	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	976.348	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.9
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.4	η down(%)	97.6	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1129	1128	1138	1158	1164	1151	1153	1132	0- 10	122.9	122.9	12.6,12.6
20	703.1	712.4	701.6	710.8	724.6	715.0	713.8	697.8	10- 20	251.6	374.5	38.4,38.4
30	406.6	410.9	407.6	414.9	417.1	412.4	413.4	406.7	20- 30	250.1	624.6	64,64
40	216.7	227.5	218.5	225.2	229.1	230.4	229.4	219.7	30- 40	201.7	826.3	84.6,84.6
50	28.22	27.42	27.97	30.68	29.29	29.30	28.93	28.94	40- 50	80.67	907.0	92.9,92.9
60	16.26	16.42	16.52	17.17	16.90	16.25	16.12	16.26	50- 60	19.34	926.3	94.9,94.9
70	9.315	9.767	9.828	10.01	9.715	8.830	8.747	9.061	60- 70	12.33	938.6	96.1,96.1
80	6.846	7.645	7.563	7.276	7.103	6.085	5.978	6.370	70- 80	8.436	947.1	97,97
90	1.615	1.622	1.597	1.595	1.872	1.894	1.880	1.889	80- 90	5.625	952.7	97.6,97.6
100	1.789	1.811	1.774	1.782	2.182	2.179	2.177	2.184	90-100	2.009	954.7	97.8,97.8
110	2.274	2.282	2.253	2.250	2.661	2.652	2.656	2.663	100-110	2.328	957.0	98,98
120	3.065	3.064	3.044	3.027	3.377	3.378	3.375	3.400	110-120	2.787	959.8	98.3,98.3
130	4.159	4.148	4.129	4.106	4.377	4.383	4.382	4.414	120-130	3.324	963.1	98.6,98.6
140	5.382	5.370	5.355	5.333	5.513	5.522	5.526	5.556	130-140	3.750	966.9	99,99
150	6.251	6.245	6.246	6.236	6.341	6.346	6.347	6.375	140-150	3.701	970.6	99.4,99.4
160	6.855	6.853	6.853	6.855	6.931	6.925	6.929	6.953	150-160	3.052	973.6	99.7,99.7
170	7.243	7.250	7.248	7.257	7.295	7.287	7.295	7.303	160-170	2.007	975.6	99.9,99.9
180	7.509	7.513	7.507	7.514	7.511	7.516	7.510	7.512	170-180	0.7027	976.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

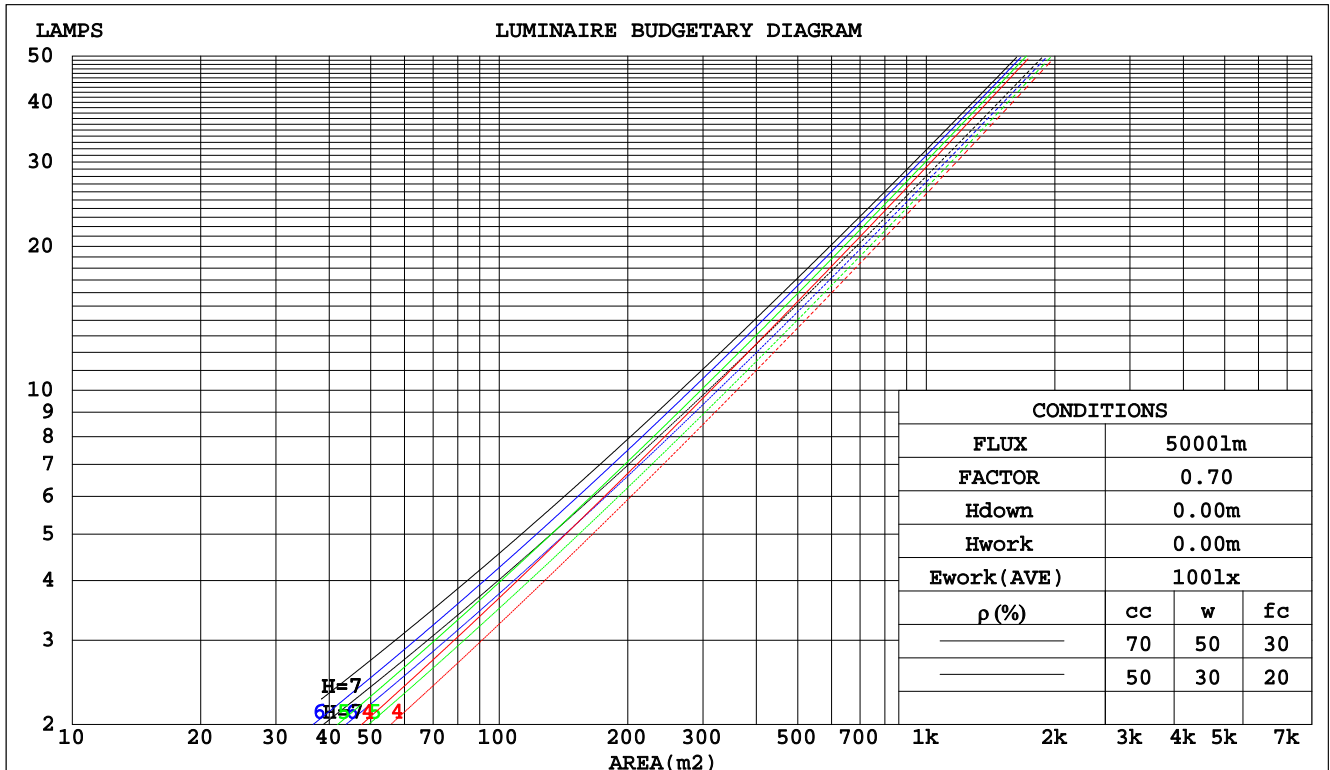
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.07	1.04	1.07	1.05	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.84	.92	.87	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.78	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.60	.57	.64	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.50	.57	.53	.50	.48



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm									
NAME:				TYPE:			WEIGHT:		
DIM.:				SPEC.:			SERIAL No.:		
MFR.: Rayconn				SUR.:			PROTECTION ANGLE:		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.194	.110	.035	.186	.106	.034	.172	.099	.032	.159	.092	.030	.148	.086	.028	
2.0	.183	.100	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.144	.081	.026	
3.0	.173	.092	.028	.168	.090	.027	.157	.085	.026	.148	.081	.025	.139	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.134	.073	.022	
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.135	.071	.021	.128	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.124	.065	.019	
7.0	.140	.069	.020	.137	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.062	.017	.125	.061	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016	
10.0	.122	.058	.016	.119	.058	.016	.115	.056	.016	.110	.055	.016	.106	.053	.015	

pcc	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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.132	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.107	.077	.126	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.127	.084	.055	.109	.073	.048	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.079	.050	.105	.068	.044	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.117	.074	.046	.101	.065	.040	.070	.045	.029	.041	.027	.017	.013	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm											
NAME:					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Rayconn					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	23.7	24.7	24.0	24.9	25.1	23.7	24.7	24.0	24.9	25.1	
	3H	23.8	24.7	24.0	24.9	25.1	23.8	24.7	24.1	24.9	25.2
	4H	23.8	24.7	24.1	24.9	25.2	23.8	24.7	24.2	25.0	25.2
	6H	23.9	24.7	24.3	25.0	25.3	24.0	24.8	24.3	25.1	25.4
	8H	24.0	24.8	24.4	25.1	25.4	24.1	24.9	24.5	25.2	25.5
	12H	24.2	24.9	24.6	25.3	25.6	24.3	25.1	24.7	25.4	25.7
4H	2H	23.6	24.4	23.9	24.7	25.0	23.6	24.4	23.9	24.7	25.0
	3H	23.7	24.4	24.0	24.7	25.0	23.7	24.4	24.0	24.7	25.1
	4H	23.8	24.5	24.2	24.8	25.2	23.8	24.5	24.2	24.9	25.2
	6H	24.1	24.7	24.5	25.0	25.4	24.2	24.8	24.6	25.1	25.5
	8H	24.3	24.8	24.7	25.2	25.6	24.4	25.0	24.9	25.4	25.8
	12H	24.6	25.1	25.0	25.5	25.9	24.8	25.3	25.2	25.7	26.1
8H	4H	23.8	24.4	24.2	24.8	25.2	23.9	24.4	24.3	24.8	25.2
	6H	24.2	24.7	24.7	25.1	25.6	24.4	24.8	24.8	25.2	25.7
	8H	24.6	25.0	25.1	25.4	25.9	24.8	25.2	25.3	25.6	26.1
	12H	25.1	25.4	25.6	25.9	26.4	25.3	25.7	25.8	26.1	26.7
12H	4H	23.8	24.3	24.3	24.7	25.2	23.8	24.3	24.3	24.8	25.2
	6H	24.3	24.7	24.8	25.2	25.7	24.4	24.8	24.9	25.3	25.8
	8H	24.7	25.1	25.2	25.6	26.1	24.9	25.2	25.4	25.7	26.2
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 3.0					+ 1.7 / - 2.8					
1.5H	+ 3.6 / - 3.0					+ 3.6 / - 2.8					
2.0H	+ 3.2 / - 0.7					+ 2.8 / - 0.6					

CIE Pub.117 Corrected 976.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

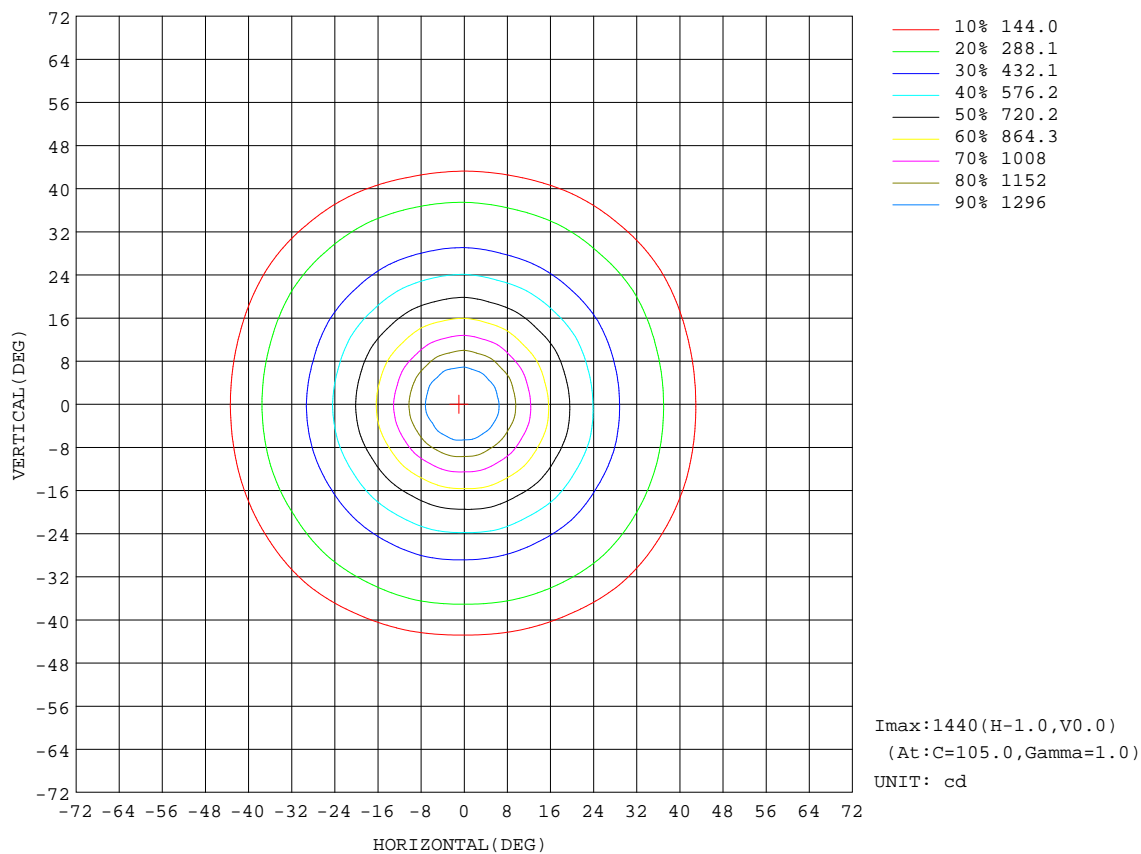
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	106	103	101	93
5.00	113	111	108	111	109	107	106	105	103	95
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:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



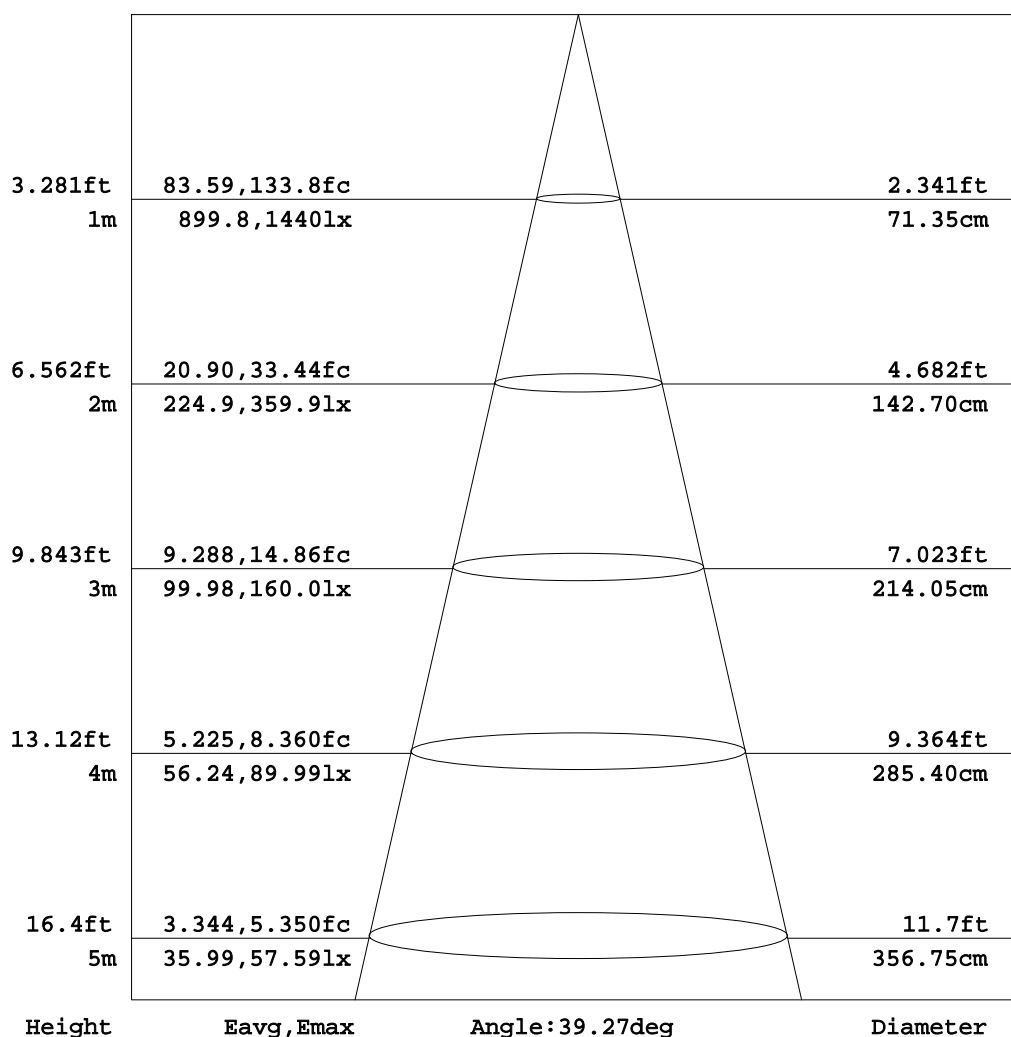
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:374.5 lm



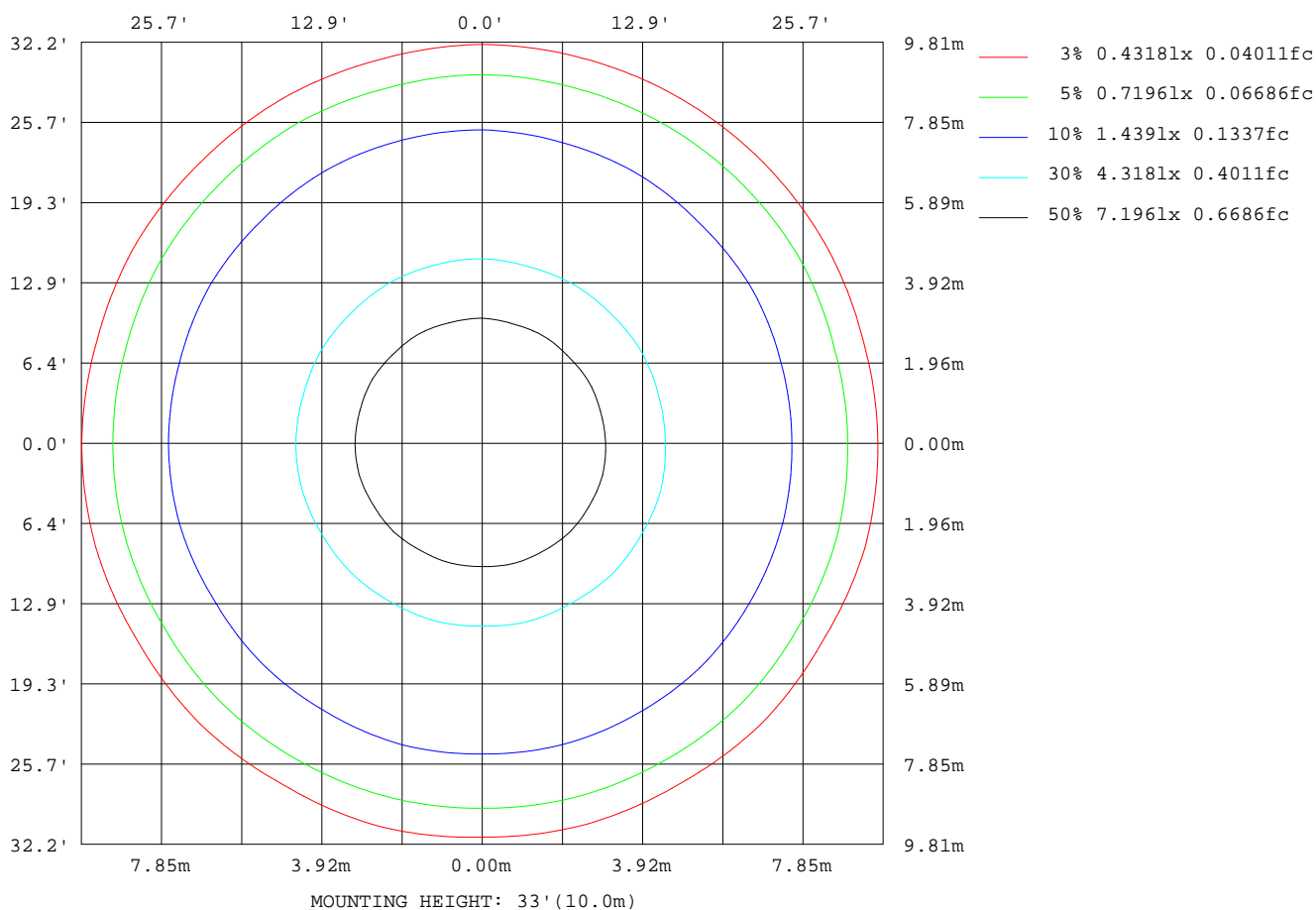
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

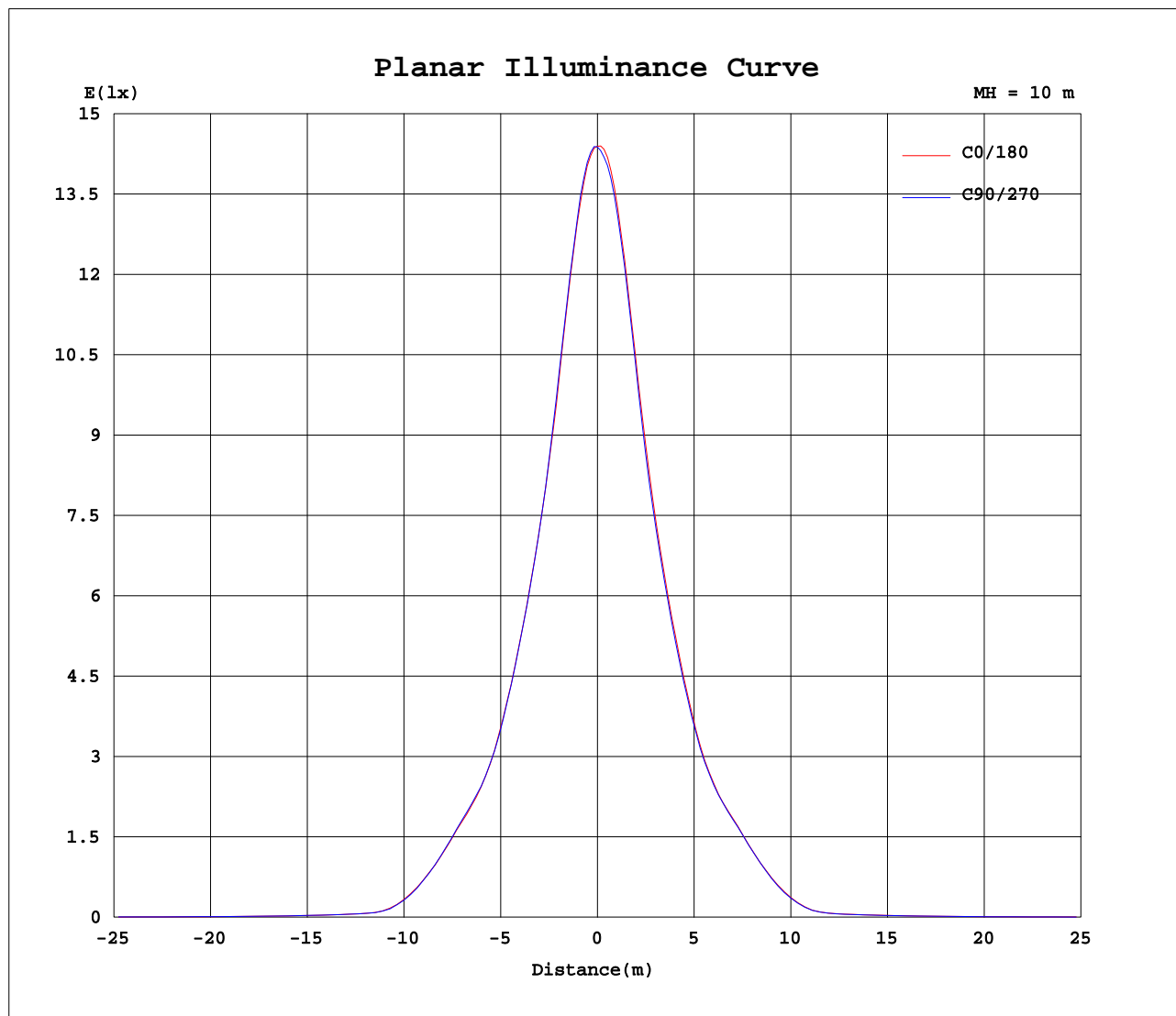
Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										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	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438	1438
5	1349	1353	1353	1357	1354	1365	1362	1366	1364	1372	1368	1375	1377	1375	1378	1374	1375	1367	1362
10	1129	1131	1124	1128	1128	1141	1138	1149	1148	1158	1157	1166	1164	1159	1159	1151	1157	1146	1153
15	889	896	893	899	894	900	891	898	897	909	908	919	921	912	916	906	913	901	902
20	703	712	706	712	704	709	702	708	702	711	712	724	725	720	723	715	719	711	714
25	542	548	541	546	539	547	540	545	542	548	547	556	557	551	555	548	551	548	548
30	407	410	406	411	405	410	408	416	411	415	413	417	417	413	415	412	415	413	413
35	325	328	327	332	328	330	330	334	330	332	331	335	335	333	335	333	334	332	332
40	217	221	223	227	224	223	219	225	223	225	224	229	229	229	233	230	234	226	229
45	94.1	95.9	91.7	89.8	89.7	91.5	90.4	92.3	94.9	98.4	99.8	105	104	100	103	95.9	101	96.6	101
50	28.2	28.4	27.6	27.4	27.0	27.8	28.0	28.6	29.2	30.7	30.3	30.4	29.3	29.3	30.1	29.3	29.2	28.5	28.9
55	21.2	21.2	20.8	20.9	20.8	21.2	21.4	21.8	21.8	22.3	22.3	22.3	21.8	21.5	21.5	21.2	21.3	21.1	21.2
60	16.3	16.4	16.2	16.4	16.3	16.6	16.5	16.8	16.8	17.2	17.1	17.2	16.9	16.6	16.5	16.3	16.3	16.0	16.1
65	12.0	12.3	12.2	12.4	12.3	12.5	12.4	12.7	12.6	12.9	12.9	12.9	12.7	12.3	12.2	11.9	11.8	11.6	11.7
70	9.31	9.50	9.62	9.77	9.79	9.88	9.83	9.87	9.87	10.0	9.98	9.95	9.71	9.40	9.14	8.83	8.74	8.66	8.75
75	7.88	8.10	8.26	8.46	8.52	8.57	8.47	8.43	8.34	8.42	8.40	8.37	8.21	7.88	7.55	7.21	7.06	7.03	7.12
80	6.85	7.13	7.38	7.64	7.75	7.72	7.56	7.43	7.29	7.28	7.33	7.20	7.10	6.76	6.41	6.08	5.92	5.89	5.98
85	5.80	6.10	6.33	6.60	6.62	6.55	6.29	6.15	5.95	5.98	6.07	5.98	5.99	5.67	5.34	5.01	4.93	4.92	5.04
90	1.62	1.61	1.62	1.62	1.63	1.59	1.60	1.59	1.60	1.60	1.68	1.60	1.87	1.88	1.87	1.89	1.90	1.88	1.88
95	1.66	1.67	1.66	1.68	1.66	1.66	1.64	1.66	1.64	1.66	1.67	1.66	2.00	2.00	2.00	2.00	2.01	1.99	2.00
100	1.79	1.80	1.79	1.81	1.79	1.79	1.77	1.78	1.77	1.78	1.78	1.79	2.18	2.17	2.18	2.18	2.18	2.17	2.18
105	1.99	2.00	1.99	2.01	1.99	1.99	1.97	1.98	1.97	1.98	1.98	1.99	2.40	2.39	2.40	2.39	2.39	2.39	2.39
110	2.27	2.28	2.27	2.28	2.27	2.26	2.25	2.25	2.25	2.25	2.25	2.25	2.66	2.65	2.66	2.65	2.65	2.65	2.66
115	2.63	2.63	2.63	2.63	2.62	2.61	2.61	2.60	2.60	2.60	2.60	2.60	2.99	2.98	2.99	2.99	2.98	2.98	2.99
120	3.07	3.06	3.07	3.06	3.06	3.04	3.04	3.03	3.04	3.03	3.04	3.02	3.38	3.38	3.37	3.38	3.37	3.38	3.38
125	3.58	3.57	3.58	3.57	3.57	3.55	3.55	3.54	3.54	3.53	3.54	3.53	3.84	3.84	3.84	3.84	3.84	3.85	3.84
130	4.16	4.15	4.16	4.15	4.15	4.13	4.13	4.12	4.12	4.11	4.11	4.10	4.38	4.38	4.37	4.38	4.37	4.39	4.38
135	4.78	4.77	4.78	4.77	4.77	4.75	4.75	4.74	4.74	4.73	4.73	4.72	4.95	4.96	4.95	4.96	4.95	4.96	4.96
140	5.38	5.37	5.38	5.37	5.37	5.36	5.36	5.35	5.35	5.33	5.35	5.33	5.51	5.51	5.51	5.52	5.51	5.53	5.53
145	5.87	5.87	5.88	5.87	5.87	5.87	5.86	5.86	5.86	5.85	5.85	5.85	5.98	5.98	5.97	5.98	5.98	5.99	5.98
150	6.25	6.25	6.25	6.24	6.25	6.25	6.25	6.24	6.24	6.24	6.24	6.24	6.34	6.34	6.33	6.35	6.34	6.35	6.35
155	6.58	6.57	6.58	6.57	6.57	6.57	6.57	6.58	6.57	6.57	6.57	6.56	6.66	6.66	6.65	6.65	6.65	6.66	6.66
160	6.86	6.85	6.86	6.85	6.86	6.86	6.85	6.86	6.85	6.86	6.85	6.85	6.93	6.93	6.92	6.92	6.93	6.94	6.93
165	7.07	7.07	7.07	7.07	7.08	7.08	7.07	7.08	7.08	7.07	7.07	7.07	7.14	7.13	7.13	7.13	7.13	7.14	7.14
170	7.24	7.25	7.25	7.25	7.25	7.26	7.25	7.26	7.25	7.26	7.25	7.25	7.29	7.29	7.29	7.29	7.29	7.30	7.29
175	7.38	7.39	7.38	7.39	7.38	7.40	7.39	7.40	7.39	7.40	7.39	7.39	7.41	7.41	7.41	7.41	7.41	7.42	7.42
180	7.51	7.51	7.52	7.51	7.51	7.52	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.52	7.51	7.51	7.51

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:976.348x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	1438	1438	1438	1438	1438														
5	1357	1359	1351	1354	1349														
10	1140	1144	1132	1138	1127														
15	892	896	885	892	884														
20	702	705	698	706	700														
25	539	542	539	546	541														
30	407	406	407	411	407														
35	325	325	324	328	324														
40	221	225	220	224	218														
45	99.5	100	97.4	99.3	93.2														
50	28.8	29.4	28.9	28.8	27.9														
55	21.2	21.4	21.3	21.3	21.1														
60	16.0	16.2	16.3	16.3	16.1														
65	11.7	11.9	11.9	12.0	11.9														
70	8.80	8.97	9.06	9.19	9.24														
75	7.21	7.38	7.50	7.66	7.80														
80	6.08	6.23	6.37	6.57	6.75														
85	5.17	5.29	5.39	5.59	5.73														
90	1.88	1.88	1.89	1.90	1.89														
95	2.00	2.00	2.00	2.02	2.00														
100	2.17	2.18	2.18	2.20	2.19														
105	2.39	2.40	2.40	2.41	2.41														
110	2.66	2.66	2.66	2.68	2.67														
115	2.99	2.99	3.00	3.01	3.01														
120	3.38	3.39	3.40	3.40	3.41														
125	3.86	3.86	3.87	3.88	3.88														
130	4.40	4.40	4.41	4.42	4.43														
135	4.98	4.98	5.00	5.00	5.01														
140	5.55	5.54	5.56	5.56	5.57														
145	6.01	6.00	6.02	6.02	6.02														
150	6.36	6.36	6.37	6.38	6.38														
155	6.67	6.67	6.68	6.68	6.69														
160	6.94	6.94	6.95	6.95	6.95														
165	7.14	7.15	7.15	7.15	7.15														
170	7.30	7.30	7.30	7.31	7.30														
175	7.42	7.42	7.42	7.42	7.42														
180	7.51	7.51	7.51	7.51	7.51														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: