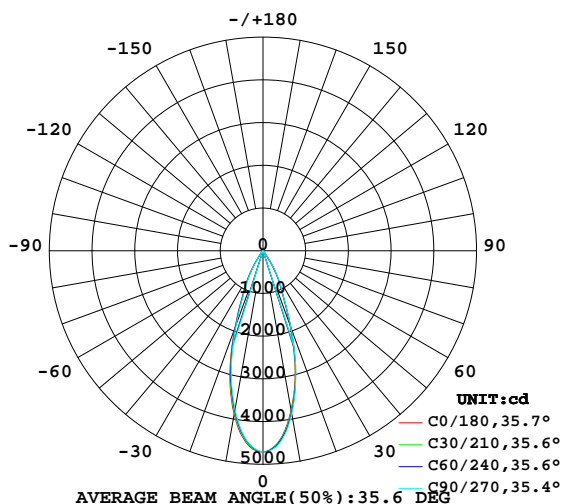


LUMINAIRE PHOTOMETRIC TEST REPORT

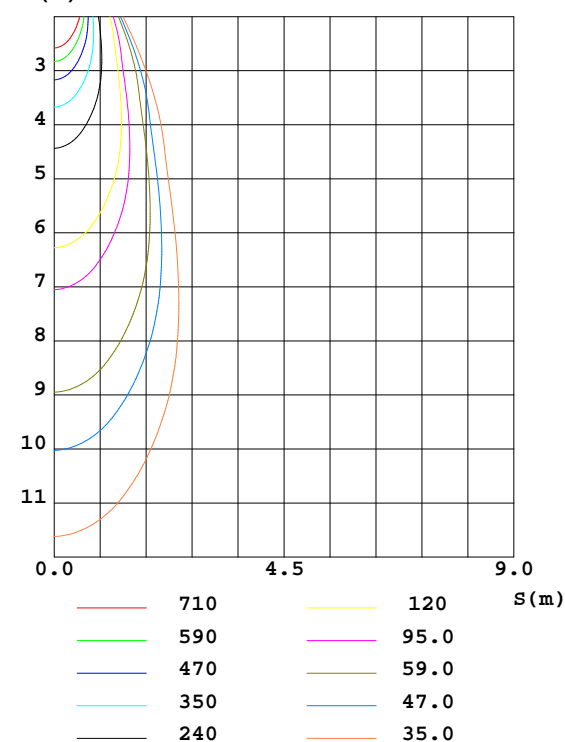
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.20 lm/W			
MODEL	TL30-30W-927-B-36	Imax(cd)	4712	S/MH(C0/180)	0.57
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.58
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1991.0	η UP,DN(C0-180)	1.2,49.7
NOMINAL FLUX(lm)	1990.96	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,47.7
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	0.60

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	3793	3861	3880	3928	3884	3797	3780	3753	0- 10	407.1	407.1	20.4,20.4
20	1857	1935	1923	1969	1936	1850	1834	1793	10- 20	794.4	1202	60.3,60.3
30	583.6	632.8	637.6	668.1	631.6	581.8	565.1	549.9	20- 30	506.4	1708	85.8,85.8
40	65.70	69.50	73.69	76.36	75.28	70.23	67.90	63.60	30- 40	149.1	1857	93.3,93.3
50	30.28	31.43	31.60	31.76	30.95	30.41	30.39	29.61	40- 50	36.05	1893	95.1,95.1
60	16.80	17.39	17.42	17.53	16.80	16.53	16.47	16.23	50- 60	20.72	1914	96.1,96.1
70	9.519	9.796	9.984	10.26	9.832	9.730	9.571	9.311	60- 70	12.77	1927	96.8,96.8
80	5.107	5.304	5.417	5.472	5.543	5.509	5.568	5.419	70- 80	7.932	1935	97.2,97.2
90	3.706	3.685	3.709	3.687	4.505	4.512	4.515	4.524	80- 90	4.705	1939	97.4,97.4
100	3.466	3.450	3.449	3.435	4.710	4.738	4.723	4.730	90-100	4.449	1944	97.6,97.6
110	4.035	3.981	3.950	3.934	5.218	5.260	5.273	5.289	100-110	4.524	1948	97.9,97.9
120	5.938	5.802	5.778	5.727	6.674	6.769	6.779	6.827	110-120	5.289	1954	98.1,98.1
130	9.033	8.857	8.819	8.749	9.362	9.504	9.533	9.592	120-130	6.838	1960	98.5,98.5
140	12.47	12.31	12.28	12.21	12.62	12.76	12.78	12.84	130-140	8.377	1969	98.9,98.9
150	15.15	15.06	15.03	14.99	15.28	15.36	15.38	15.40	140-150	8.740	1977	99.3,99.3
160	16.19	16.19	16.17	16.15	16.35	16.36	16.35	16.35	150-160	7.331	1985	99.7,99.7
170	16.01	16.05	16.03	16.02	16.20	16.17	16.14	16.14	160-170	4.603	1989	99.9,99.9
180	16.30	16.32	16.28	16.27	16.33	16.31	16.28	16.27	170-180	1.536	1991	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

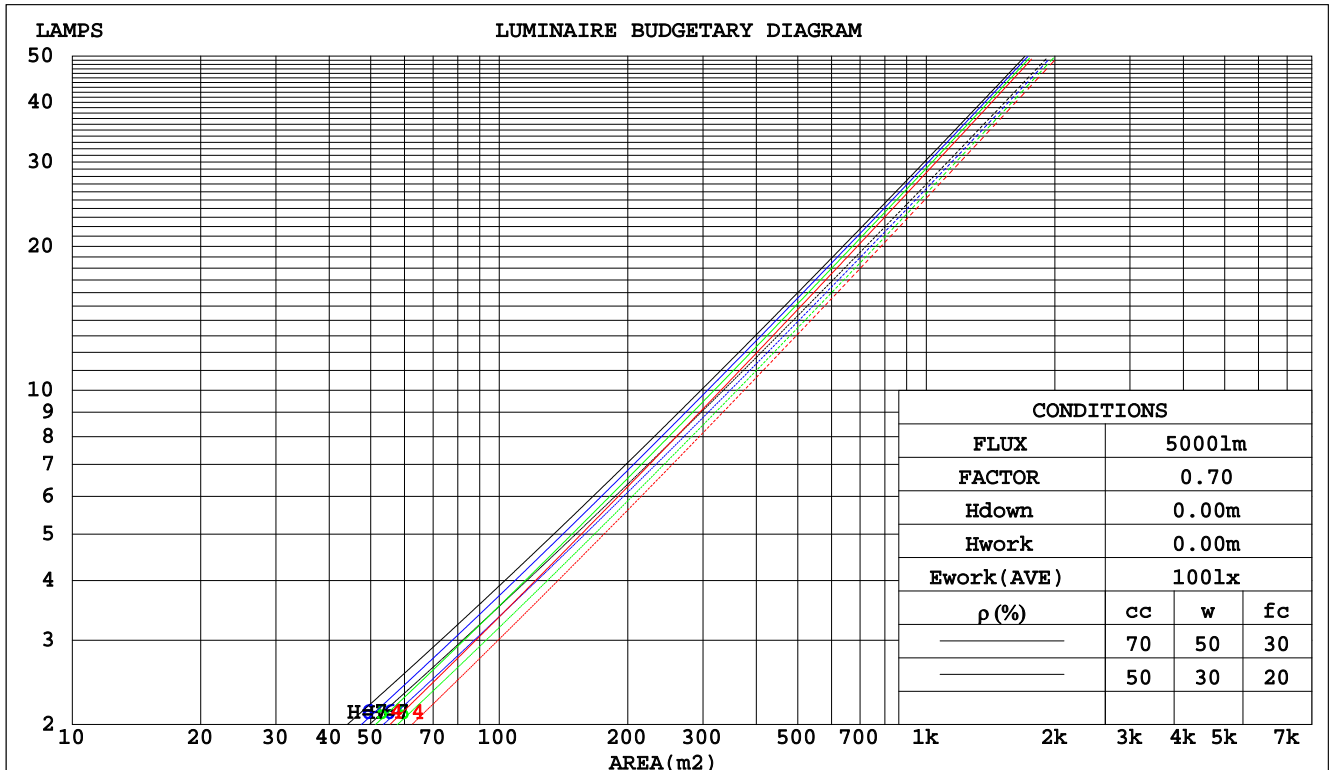
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 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	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.02	1.01	.00	.99	.98	.96	.95	.94	.92
2.0	1.04	1.01	.98	1.02	.99	.96	.99	.96	.94	.96	.93	.92	.92	.91	.89	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.91	.89	.87	.89	.87	.85	.83
4.0	.94	.89	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.76	.73	.71	.69
8.0	.78	.73	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.73	.70	.68	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.63	.68	.65	.62	.61



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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 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	.163	.093	.029	.155	.089	.028	.141	.081	.026	.128	.074	.024	.117	.068	.022	
2.0	.152	.083	.026	.146	.080	.025	.134	.074	.023	.123	.069	.022	.113	.064	.020	
3.0	.143	.076	.023	.137	.073	.022	.127	.069	.021	.118	.065	.020	.109	.060	.019	
4.0	.134	.070	.021	.130	.068	.020	.121	.064	.019	.113	.061	.018	.105	.057	.017	
5.0	.127	.065	.019	.123	.063	.018	.115	.060	.018	.108	.057	.017	.102	.054	.016	
6.0	.120	.060	.017	.117	.059	.017	.110	.056	.016	.104	.054	.016	.098	.052	.015	
7.0	.115	.057	.016	.111	.056	.016	.106	.053	.015	.100	.051	.015	.095	.049	.014	
8.0	.109	.053	.015	.107	.052	.015	.101	.051	.014	.096	.049	.014	.092	.047	.014	
9.0	.105	.051	.014	.102	.050	.014	.097	.048	.014	.093	.047	.013	.089	.045	.013	
10.0	.100	.048	.013	.098	.047	.013	.094	.046	.013	.090	.044	.013	.086	.043	.012	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.190	.177	.166	.163	.152	.143	.111	.105	.099	.064	.061	.057	.021	.020	.019	
2.0	.174	.153	.135	.149	.131	.117	.102	.091	.081	.059	.053	.048	.019	.017	.016	
3.0	.160	.134	.113	.137	.115	.098	.094	.080	.068	.054	.047	.040	.017	.015	.013	
4.0	.149	.119	.096	.128	.103	.083	.088	.071	.059	.051	.042	.035	.016	.014	.011	
5.0	.139	.107	.083	.120	.092	.072	.082	.065	.051	.048	.038	.030	.015	.012	.010	
6.0	.131	.097	.073	.113	.084	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009	
7.0	.124	.089	.065	.107	.078	.057	.074	.054	.040	.043	.032	.024	.014	.010	.008	
8.0	.118	.083	.059	.102	.072	.051	.070	.051	.036	.041	.030	.022	.013	.010	.007	
9.0	.113	.078	.054	.097	.067	.047	.067	.047	.033	.039	.028	.020	.013	.009	.007	
10.0	.108	.073	.050	.093	.063	.043	.065	.045	.031	.038	.026	.018	.012	.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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 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	15.2	15.9	15.4	16.1	16.3	15.9	16.7	16.1	16.9	17.1	
	3H	15.4	16.1	15.7	16.4	16.6	16.1	16.8	16.3	17.0	
	4H	15.6	16.2	15.9	16.5	16.8	16.2	16.9	16.5	17.1	
	6H	15.7	16.4	16.0	16.6	16.9	16.3	17.0	16.7	17.3	
	8H	15.8	16.4	16.1	16.7	17.0	16.4	17.0	16.7	17.3	
	12H	15.9	16.5	16.3	16.8	17.1	16.5	17.1	16.8	17.4	
4H	2H	15.1	15.8	15.4	16.1	16.3	15.8	16.5	16.1	16.7	
	3H	15.5	16.1	15.9	16.4	16.7	16.1	16.7	16.5	17.0	
	4H	15.8	16.3	16.2	16.7	17.0	16.3	16.9	16.7	17.2	
	6H	16.1	16.5	16.5	16.9	17.3	16.6	17.1	17.0	17.5	
	8H	16.2	16.6	16.6	17.0	17.4	16.7	17.2	17.1	17.6	
	12H	16.4	16.8	16.8	17.2	17.7	16.9	17.3	17.3	17.7	
8H	4H	15.8	16.3	16.2	16.7	17.1	16.3	16.8	16.8	17.2	
	6H	16.2	16.6	16.7	17.0	17.5	16.7	17.1	17.2	17.5	
	8H	16.4	16.8	16.9	17.2	17.7	16.9	17.2	17.4	17.7	
	12H	16.8	17.1	17.3	17.5	18.1	17.2	17.5	17.7	18.0	
12H	4H	15.8	16.2	16.2	16.6	17.1	16.3	16.7	16.8	17.2	
	6H	16.2	16.6	16.7	17.0	17.5	16.7	17.1	17.2	17.5	
	8H	16.5	16.8	17.0	17.3	17.8	17.0	17.2	17.5	17.7	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.7 / - 0.7					+ 1.1 / - 0.8					
1.5H	+ 1.2 / - 0.5					+ 2.1 / - 0.7					
2.0H	+ 0.7 / - 0.5					+ 0.9 / - 0.5					

CIE Pub.117 Corrected 1991 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

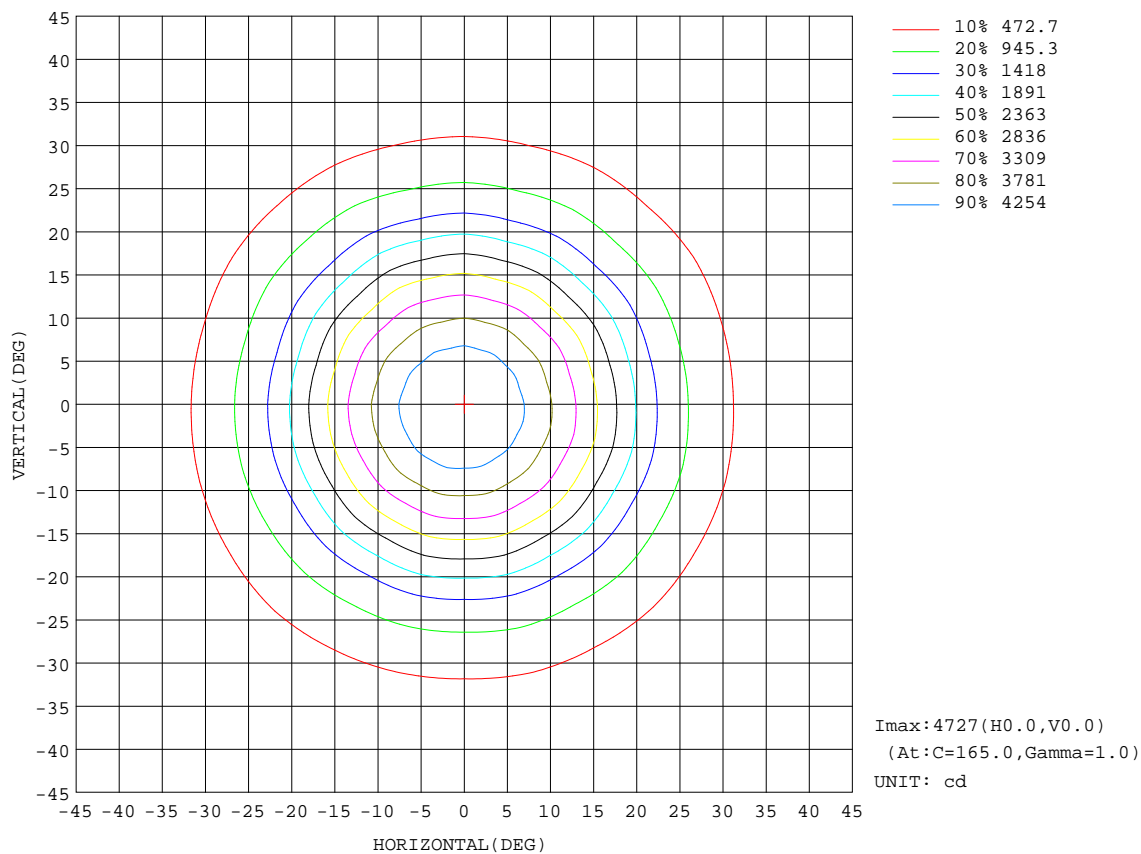
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	78	87	81	77	86	81	77	74
0.80	95	89	85	94	88	85	92	88	85	81
1.00	99	93	90	98	93	89	96	92	89	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	97	101	98	95	90
2.00	108	104	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	102	104	101	99	93
3.00	111	108	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



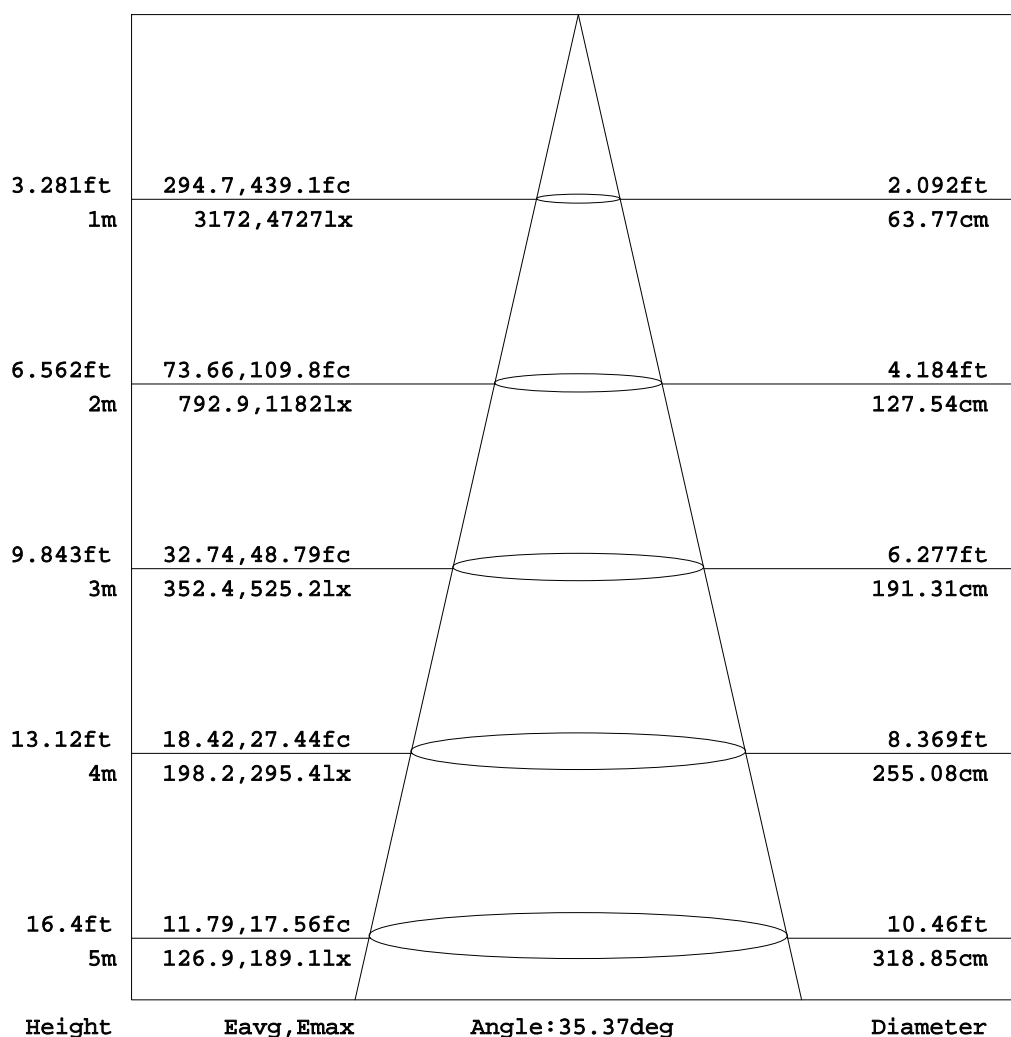
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1052 lm



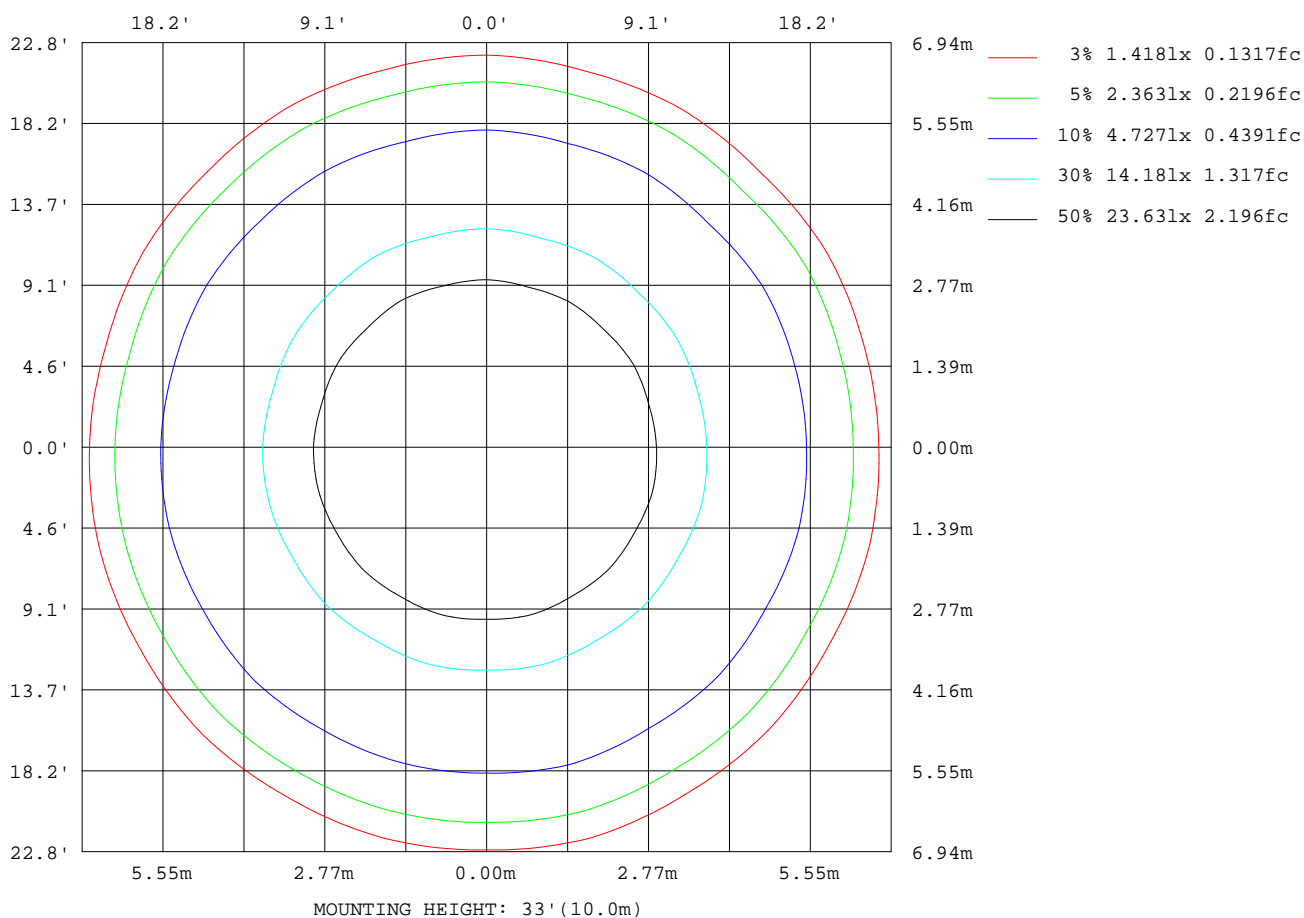
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

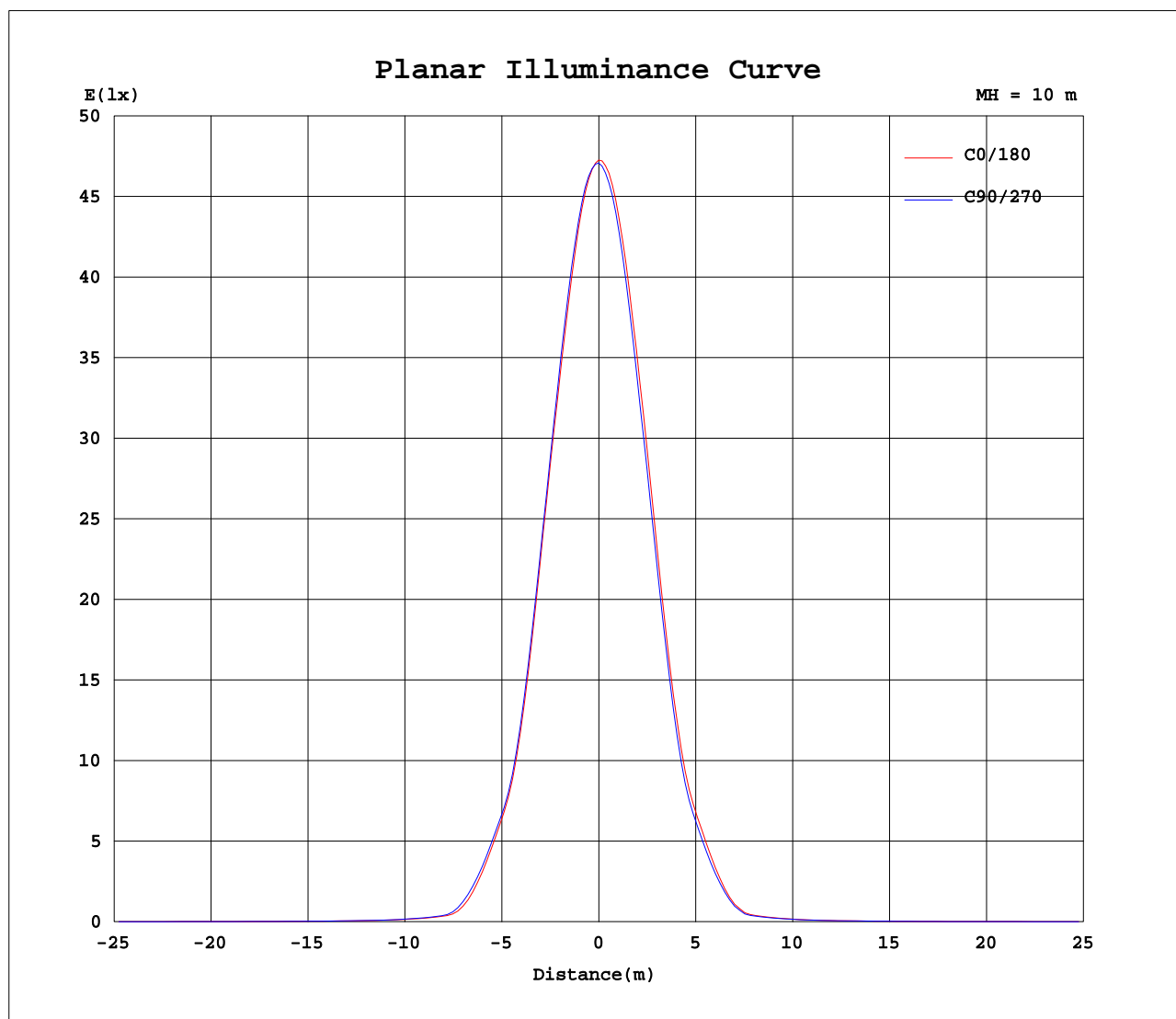
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 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	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711	4711
5	4458	4474	4473	4494	4490	4516	4513	4536	4526	4539	4525	4530	4513	4482	4486	4459	4464	4442	4453
10	3793	3826	3818	3861	3856	3891	3880	3916	3896	3928	3902	3914	3884	3842	3850	3797	3801	3761	3780
15	2909	2958	2937	2982	2956	3000	2971	3011	2982	3027	2996	3019	3000	2936	2953	2891	2919	2856	2870
20	1857	1912	1885	1935	1907	1960	1923	1966	1926	1969	1929	1961	1936	1877	1904	1850	1882	1815	1834
25	1035	1064	1053	1081	1066	1100	1078	1093	1079	1107	1095	1113	1097	1068	1075	1046	1049	1002	1010
30	584	609	603	633	625	656	638	648	645	668	645	651	632	606	611	582	584	559	565
35	176	192	190	210	214	237	229	236	227	235	218	215	198	182	187	173	183	173	177
40	65.7	67.0	67.1	69.5	71.4	73.9	73.7	75.0	74.3	76.4	77.6	79.2	75.3	72.5	71.5	70.2	70.3	69.9	67.9
45	43.1	44.3	44.5	46.1	46.6	48.0	47.8	48.3	48.2	49.3	49.2	49.8	48.2	46.4	46.4	45.5	46.0	45.0	44.3
50	30.3	30.7	30.8	31.4	31.4	31.7	31.6	31.8	31.6	31.8	31.5	31.6	30.9	30.4	30.5	30.4	30.9	30.6	30.4
55	22.7	23.1	23.2	23.5	23.4	23.6	23.5	23.8	23.6	23.7	23.4	23.3	22.8	22.5	22.6	22.5	22.8	22.5	22.4
60	16.8	17.1	17.2	17.4	17.3	17.5	17.4	17.6	17.5	17.5	17.3	17.2	16.8	16.6	16.7	16.5	16.7	16.5	16.5
65	12.5	12.8	12.8	13.0	12.9	13.1	13.1	13.3	13.2	13.3	13.1	13.1	12.7	12.6	12.6	12.5	12.6	12.4	12.4
70	9.52	9.64	9.65	9.80	9.82	9.97	9.98	10.1	10.1	10.3	10.2	10.1	9.83	9.78	9.79	9.73	9.77	9.62	9.57
75	7.21	7.29	7.28	7.41	7.44	7.61	7.60	7.71	7.69	7.76	7.69	7.70	7.54	7.47	7.57	7.53	7.61	7.49	7.45
80	5.11	5.17	5.17	5.30	5.32	5.44	5.42	5.49	5.42	5.47	5.40	5.43	5.54	5.48	5.54	5.51	5.61	5.56	5.57
85	3.89	3.86	3.89	3.86	3.89	3.86	3.89	3.85	3.88	3.86	3.89	3.86	4.37	4.36	4.37	4.37	4.38	4.37	4.38
90	3.71	3.68	3.71	3.69	3.71	3.69	3.71	3.69	3.70	3.69	3.71	3.69	4.50	4.50	4.52	4.51	4.52	4.52	4.51
95	3.54	3.52	3.55	3.52	3.54	3.51	3.54	3.51	3.53	3.50	3.53	3.51	4.61	4.60	4.62	4.61	4.62	4.61	4.62
100	3.47	3.46	3.46	3.45	3.45	3.44	3.45	3.44	3.44	3.43	3.46	3.44	4.71	4.72	4.72	4.74	4.72	4.74	4.72
105	3.60	3.60	3.59	3.58	3.56	3.56	3.55	3.56	3.54	3.55	3.55	3.56	4.89	4.89	4.90	4.91	4.91	4.92	4.92
110	4.04	4.01	4.01	3.98	3.98	3.96	3.95	3.93	3.95	3.93	3.96	3.95	5.22	5.24	5.24	5.26	5.26	5.28	5.27
115	4.80	4.75	4.76	4.71	4.72	4.67	4.68	4.64	4.67	4.64	4.68	4.67	5.79	5.83	5.82	5.86	5.85	5.88	5.87
120	5.94	5.86	5.88	5.80	5.82	5.75	5.78	5.72	5.77	5.73	5.79	5.75	6.67	6.73	6.72	6.77	6.75	6.80	6.78
125	7.37	7.28	7.31	7.22	7.23	7.15	7.18	7.11	7.17	7.11	7.18	7.14	7.89	7.95	7.94	8.01	7.99	8.06	8.03
130	9.03	8.93	8.95	8.86	8.87	8.78	8.82	8.75	8.80	8.75	8.82	8.78	9.36	9.43	9.42	9.50	9.48	9.56	9.53
135	10.8	10.7	10.7	10.6	10.6	10.5	10.6	10.5	10.6	10.5	10.6	10.5	11.0	11.1	11.1	11.1	11.1	11.2	11.2
140	12.5	12.4	12.4	12.3	12.3	12.3	12.3	12.2	12.3	12.2	12.3	12.2	12.6	12.7	12.7	12.8	12.7	12.8	12.8
145	14.0	13.9	13.9	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.1	14.1	14.2	14.2	14.3	14.2
150	15.1	15.1	15.1	15.1	15.1	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.3	15.3	15.3	15.4	15.4	15.4	15.4
155	15.9	15.9	15.9	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	16.0	16.0	16.0	16.1	16.1	16.1	16.1
160	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.1	16.1	16.1	16.4	16.3	16.4	16.4	16.4	16.4	16.4
165	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.1	16.4	16.3	16.3	16.3	16.3	16.3	16.3
170	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.1
175	16.0	16.1	16.1	16.1	16.0	16.1	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.1	16.1
180	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3

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:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:1990.96x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	4711	4711	4711	4711	4711														
5	4432	4451	4435	4456	4445														
10	3748	3776	3753	3786	3770														
15	2823	2866	2839	2895	2876														
20	1777	1827	1793	1848	1828														
25	987	1007	990	1023	1022														
30	545	565	550	587	581														
35	161	173	157	175	170														
40	65.7	64.6	63.6	64.5	64.3														
45	42.9	42.5	41.6	42.1	41.8														
50	29.8	29.9	29.6	29.9	29.8														
55	22.1	22.2	22.0	22.3	22.3														
60	16.3	16.4	16.2	16.4	16.3														
65	12.2	12.3	12.1	12.2	12.2														
70	9.44	9.41	9.31	9.38	9.36														
75	7.36	7.35	7.25	7.26	7.20														
80	5.50	5.50	5.42	5.43	5.35														
85	4.37	4.38	4.37	4.38	4.37														
90	4.52	4.51	4.52	4.51	4.52														
95	4.61	4.61	4.61	4.62	4.61														
100	4.74	4.73	4.73	4.72	4.73														
105	4.93	4.92	4.93	4.93	4.92														
110	5.29	5.28	5.29	5.28	5.28														
115	5.90	5.88	5.90	5.87	5.89														
120	6.82	6.79	6.83	6.78	6.81														
125	8.08	8.04	8.09	8.03	8.06														
130	9.60	9.54	9.59	9.53	9.55														
135	11.2	11.2	11.2	11.2	11.2														
140	12.9	12.8	12.8	12.8	12.8														
145	14.3	14.2	14.3	14.2	14.3														
150	15.4	15.4	15.4	15.4	15.4														
155	16.1	16.1	16.1	16.1	16.1														
160	16.4	16.4	16.3	16.3	16.3														
165	16.3	16.3	16.3	16.3	16.3														
170	16.2	16.1	16.1	16.1	16.1														
175	16.1	16.1	16.1	16.1	16.1														
180	16.3	16.3	16.3	16.3	16.3														

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: