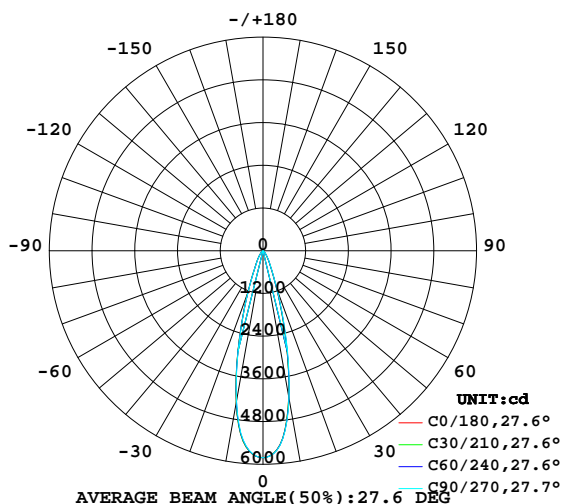


LUMINAIRE PHOTOMETRIC TEST REPORT

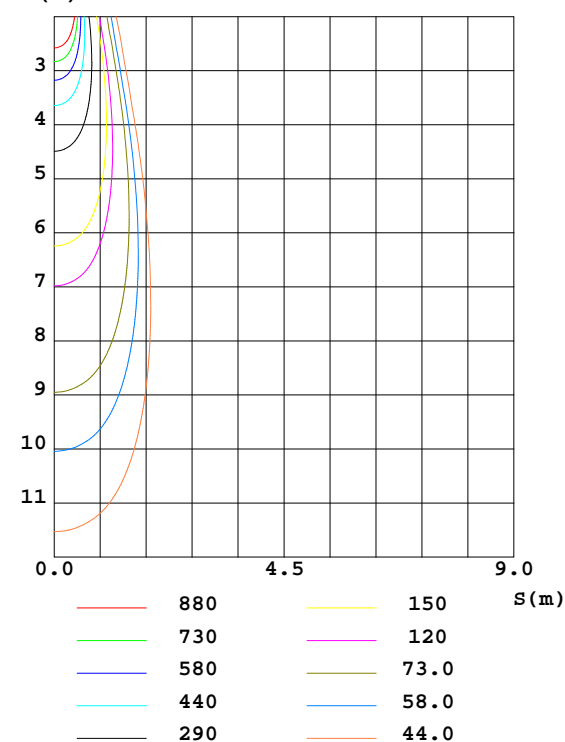
Test:U:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.73 lm/W			
MODEL	DL08-20W-940-W-28-02	Imax(cd)	5813	S/MH(C0/180)	0.45
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1717.3	η UP,DN(C0-180)	1.2,48.6
NOMINAL FLUX(lm)	1717.27	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.7
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	η down(%)	97.4	CIBSE SHR MAX	1.00

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:2016-09-13

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	4172	4231	4218	4297	4335	4260	4288	4193	0- 10	485.0	485.0	28.2,28.2
20	1124	1156	1164	1248	1241	1190	1216	1148	10- 20	683.8	1169	68.1,68.1
30	315.5	324.1	334.1	351.7	345.4	332.0	325.6	315.7	20- 30	279.3	1448	84.3,84.3
40	117.4	121.3	126.7	132.7	129.5	124.6	122.3	117.0	30- 40	127.7	1576	91.8,91.8
50	40.04	40.41	42.25	44.44	44.72	43.56	43.57	40.38	40- 50	60.56	1636	95.3,95.3
60	7.813	7.724	8.021	7.841	8.115	7.667	7.715	7.521	50- 60	18.51	1655	96.4,96.4
70	5.348	5.376	5.586	5.603	5.573	5.418	5.394	5.259	60- 70	6.441	1661	96.7,96.7
80	5.160	5.159	5.297	5.359	5.471	5.351	5.403	5.247	70- 80	5.657	1667	97.1,97.1
90	3.291	3.363	3.416	3.601	4.430	4.261	4.240	4.180	80- 90	5.020	1672	97.4,97.4
100	3.233	3.252	3.421	3.308	5.001	4.510	4.859	4.889	90-100	4.166	1676	97.6,97.6
110	3.493	3.406	3.460	3.465	4.731	4.620	4.917	4.961	100-110	4.348	1681	97.9,97.9
120	4.867	4.797	4.838	4.792	5.510	5.510	5.588	5.695	110-120	4.504	1685	98.1,98.1
130	7.630	7.544	7.549	7.452	7.903	7.941	7.989	8.109	120-130	5.685	1691	98.5,98.5
140	10.93	10.89	10.85	10.77	11.04	11.08	11.10	11.18	130-140	7.237	1698	98.9,98.9
150	13.16	13.13	13.11	13.05	13.24	13.28	13.27	13.32	140-150	7.645	1706	99.3,99.3
160	14.07	14.07	14.06	14.05	14.16	14.17	14.17	14.17	150-160	6.343	1712	99.7,99.7
170	13.79	13.84	13.82	13.85	13.93	13.93	13.94	13.91	160-170	4.002	1716	99.9,99.9
180	13.73	13.77	13.77	13.77	13.76	13.75	13.78	13.77	170-180	1.309	1717	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

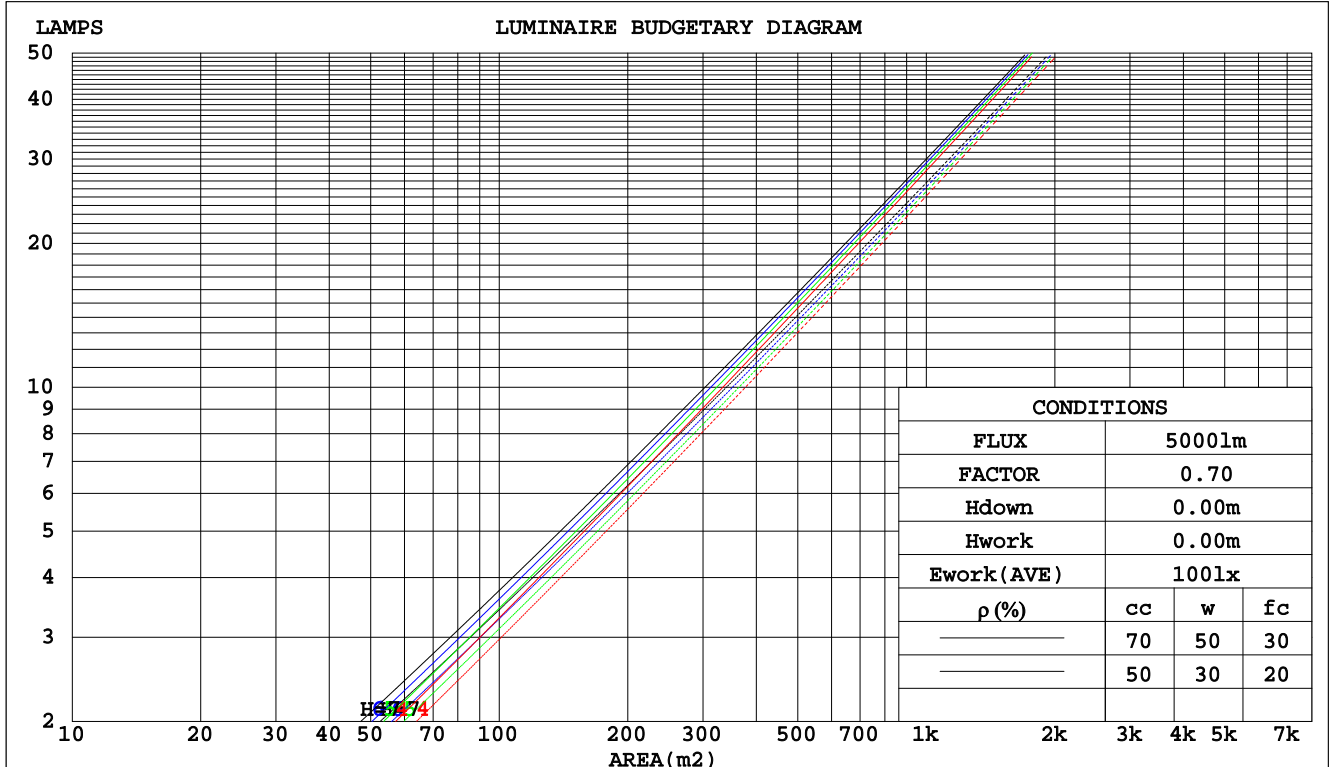
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 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	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.97	.00	.97	.95	.96	.94	.93	.93	.92	.90	.89
3.0	.00	.95	.92	.98	.94	.91	.95	.92	.90	.92	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.87	.94	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.83	.81
5.0	.91	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
6.0	.87	.82	.79	.86	.81	.78	.84	.80	.77	.83	.79	.77	.81	.78	.76	.75
7.0	.83	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.80	.75	.72	.80	.75	.72	.78	.74	.72	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.73	.70	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
10.0	.75	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.72	.68	.66	.65



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 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	.157	.089	.028	.149	.085	.027	.135	.078	.025	.122	.071	.023	.111	.064	.021		
2.0	.146	.080	.024	.139	.077	.024	.128	.071	.022	.117	.066	.021	.107	.060	.019		
3.0	.136	.072	.022	.131	.070	.021	.121	.065	.020	.111	.061	.019	.103	.057	.018		
4.0	.128	.066	.020	.123	.064	.019	.115	.061	.018	.107	.057	.017	.099	.054	.016		
5.0	.120	.061	.018	.116	.060	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015		
6.0	.114	.057	.016	.110	.056	.016	.104	.053	.015	.098	.051	.015	.092	.048	.014		
7.0	.108	.053	.015	.105	.052	.015	.099	.050	.014	.094	.048	.014	.089	.046	.014		
8.0	.103	.050	.014	.100	.049	.014	.095	.047	.014	.090	.046	.013	.086	.044	.013		
9.0	.098	.048	.013	.096	.047	.013	.091	.045	.013	.087	.043	.012	.083	.042	.012		
10.0	.094	.045	.013	.092	.044	.012	.088	.043	.012	.084	.041	.012	.080	.040	.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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.190	.178	.167	.163	.153	.143	.111	.105	.099	.064	.061	.058	.020	.020	.019		
2.0	.173	.153	.136	.148	.132	.118	.102	.091	.082	.059	.053	.048	.019	.017	.016		
3.0	.159	.134	.114	.136	.115	.099	.094	.080	.069	.054	.047	.041	.017	.015	.013		
4.0	.147	.119	.097	.127	.103	.084	.087	.072	.059	.050	.042	.035	.016	.014	.012		
5.0	.138	.107	.084	.118	.092	.073	.081	.065	.052	.047	.038	.031	.015	.012	.010		
6.0	.129	.097	.074	.111	.084	.065	.077	.059	.046	.044	.035	.027	.014	.011	.009		
7.0	.122	.089	.066	.105	.077	.058	.072	.054	.041	.042	.032	.024	.014	.010	.008		
8.0	.116	.083	.060	.100	.072	.052	.069	.050	.037	.040	.030	.022	.013	.010	.007		
9.0	.110	.077	.055	.095	.067	.048	.066	.047	.034	.038	.028	.020	.012	.009	.007		
10.0	.105	.073	.051	.091	.063	.044	.063	.044	.032	.037	.026	.019	.012	.009	.006		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 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	15.8	16.6	16.1	16.8	17.0	16.1	16.8	16.3	17.0	17.2	
	3H	15.8	16.5	16.1	16.7	17.0	16.0	16.7	16.3	17.0	17.2
	4H	15.9	16.5	16.2	16.8	17.0	16.1	16.8	16.4	17.0	17.3
	6H	16.0	16.6	16.4	16.9	17.2	16.3	16.9	16.6	17.2	17.5
	8H	16.2	16.8	16.5	17.1	17.4	16.4	17.0	16.8	17.3	17.6
	12H	16.4	16.9	16.7	17.2	17.6	16.6	17.2	16.9	17.5	17.8
4H	2H	15.7	16.3	16.0	16.6	16.8	15.9	16.6	16.2	16.8	17.1
	3H	15.7	16.3	16.0	16.6	16.9	15.9	16.5	16.3	16.8	17.1
	4H	15.8	16.3	16.2	16.7	17.0	16.0	16.6	16.4	16.9	17.3
	6H	16.1	16.6	16.6	17.0	17.4	16.4	16.8	16.8	17.2	17.6
	8H	16.4	16.8	16.8	17.2	17.7	16.6	17.1	17.1	17.5	17.9
	12H	16.7	17.1	17.2	17.5	18.0	16.9	17.3	17.4	17.8	18.2
8H	4H	15.8	16.2	16.2	16.6	17.0	16.0	16.5	16.5	16.9	17.3
	6H	16.3	16.7	16.8	17.1	17.6	16.5	16.9	17.0	17.3	17.8
	8H	16.7	17.0	17.2	17.5	18.0	17.0	17.3	17.4	17.7	18.2
	12H	17.2	17.5	17.7	17.9	18.5	17.4	17.7	17.9	18.2	18.7
12H	4H	15.8	16.2	16.3	16.6	17.1	16.0	16.4	16.5	16.8	17.3
	6H	16.4	16.7	16.9	17.1	17.6	16.6	16.9	17.1	17.4	17.9
	8H	16.9	17.1	17.4	17.6	18.1	17.1	17.3	17.6	17.8	18.4
Variations with the observer position at spacings:											
S = 1.0H	+ 1.5 / - 2.3					+ 1.6 / - 2.4					
1.5H	+ 2.5 / - 2.6					+ 2.6 / - 2.6					
2.0H	+ 3.3 / - 1.6					+ 3.4 / - 1.7					

CIE Pub.117 Corrected 1717 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

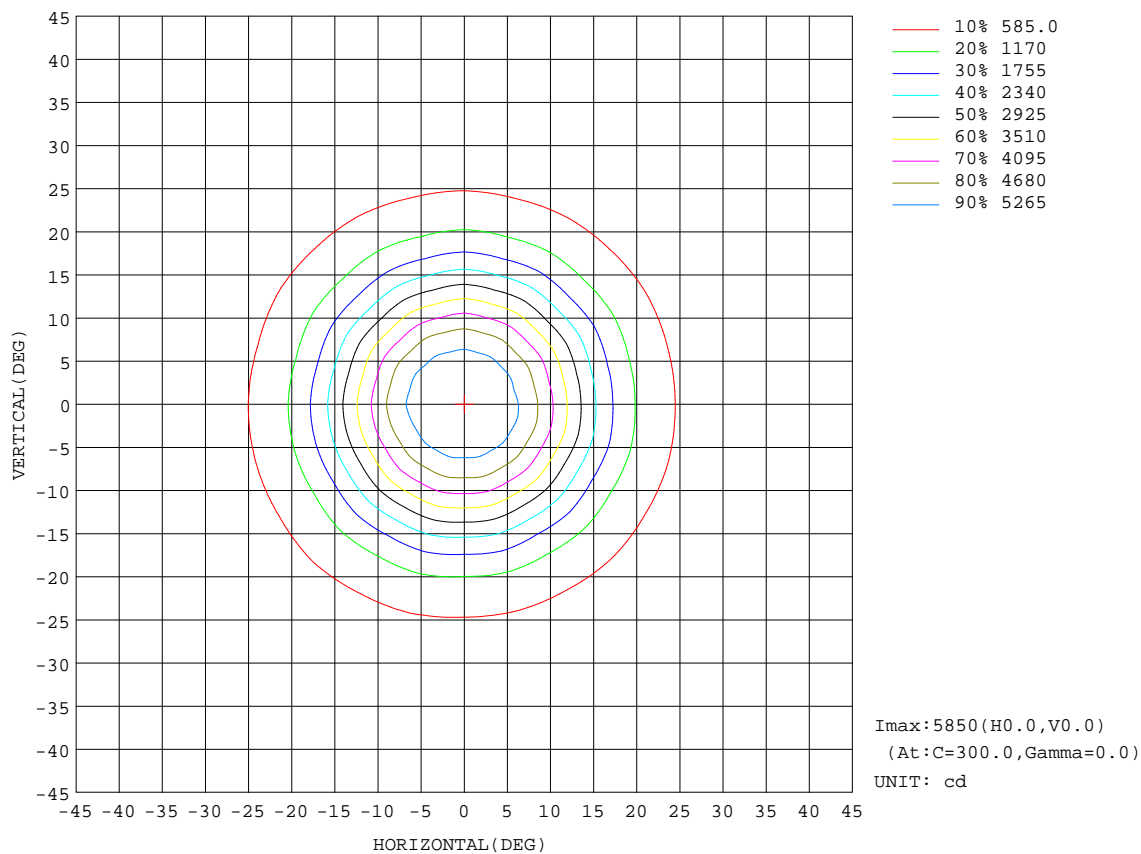
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	93	89	97	92	88	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	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	107	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:2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



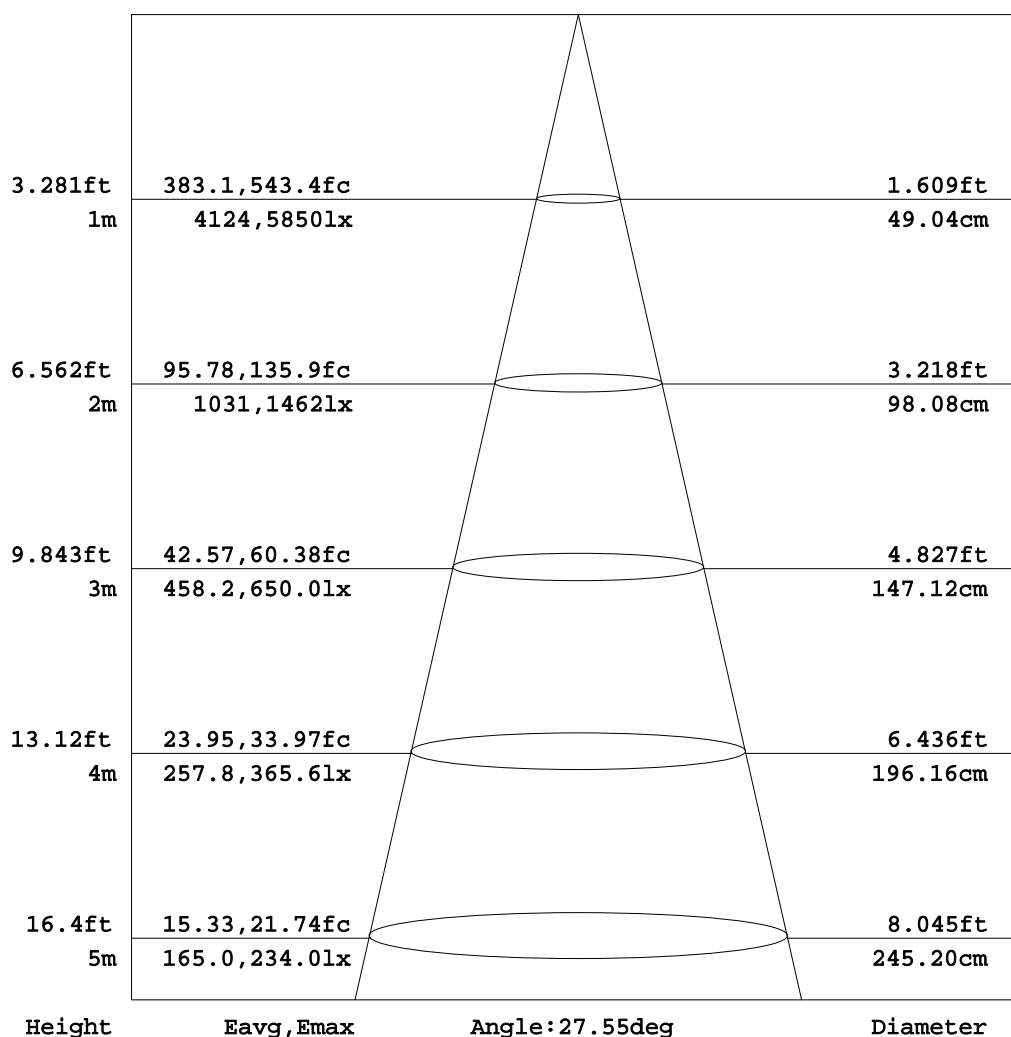
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:805.4 lm



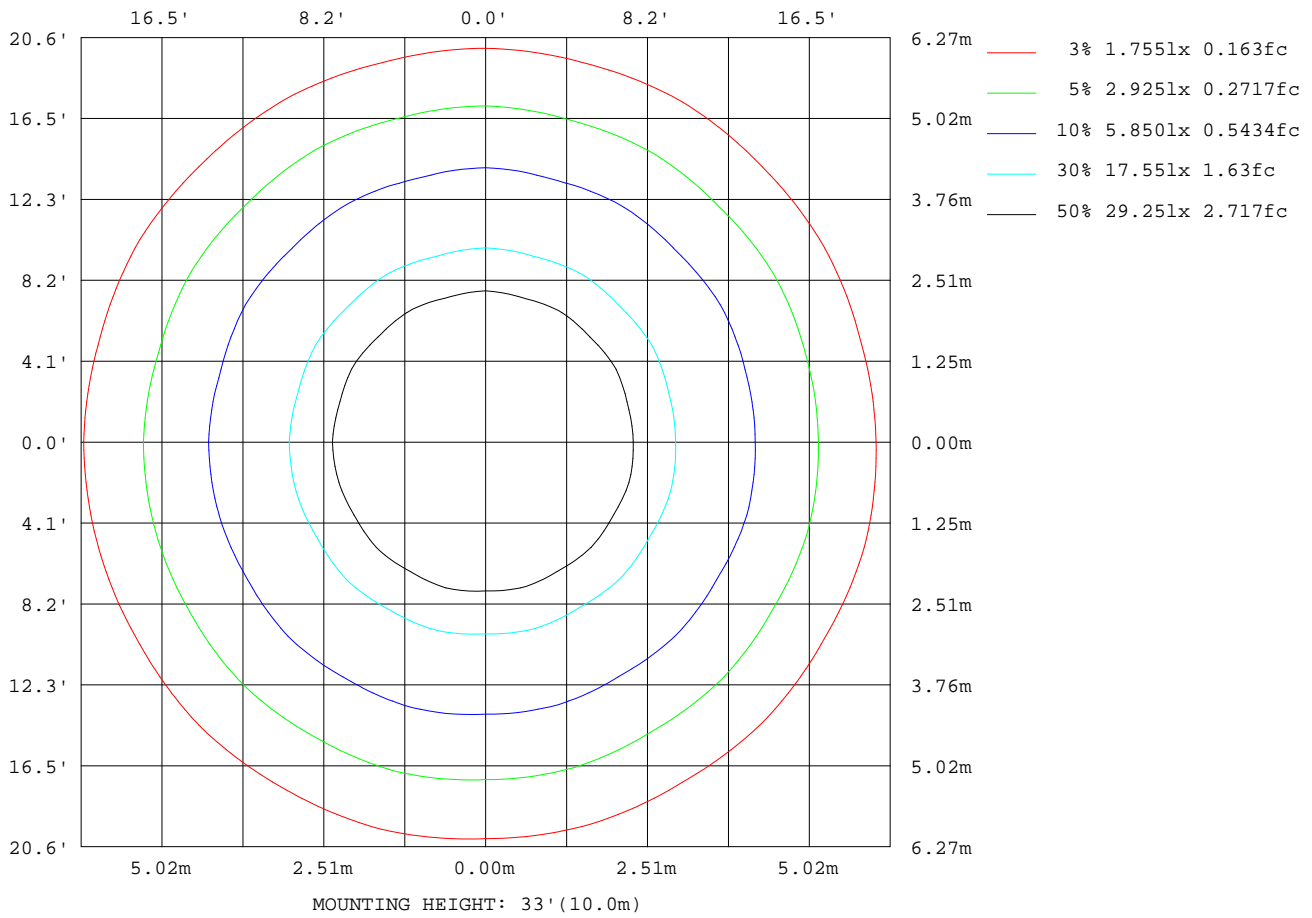
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-13

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

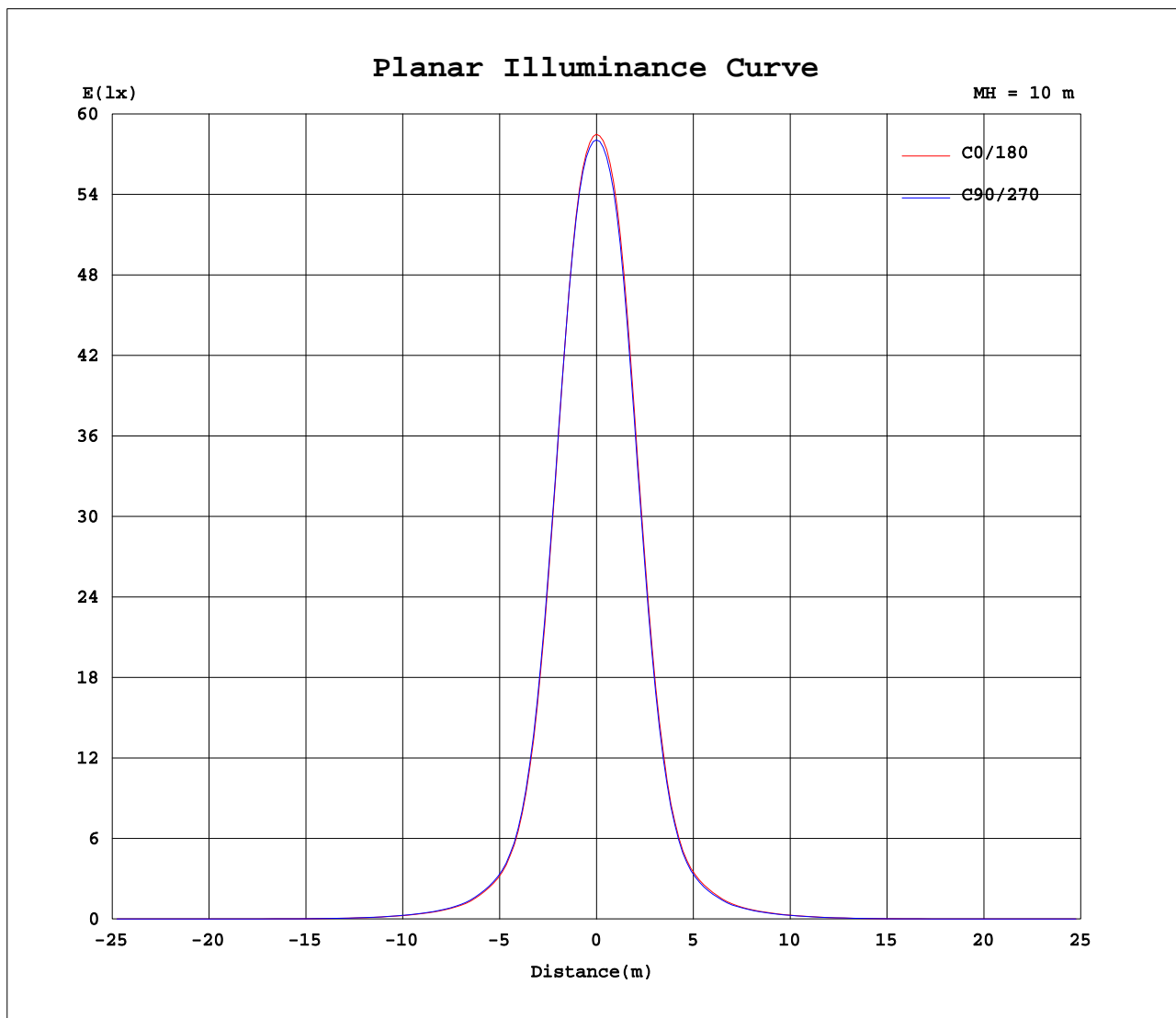
Test:U:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-13

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: 2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 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	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813	5813
5	5471	5492	5474	5499	5481	5504	5487	5512	5492	5519	5502	5523	5526	5500	5524	5497	5511	5479	5501
10	4172	4219	4171	4231	4197	4255	4218	4276	4243	4297	4268	4322	4335	4270	4337	4260	4309	4224	4288
15	2403	2452	2394	2465	2422	2505	2470	2553	2510	2586	2530	2590	2592	2529	2586	2509	2565	2490	2552
20	1124	1155	1115	1156	1128	1181	1164	1227	1201	1248	1205	1240	1241	1196	1240	1190	1225	1176	1216
25	536	546	534	549	540	560	559	583	578	594	579	587	585	566	582	566	573	555	565
30	315	321	317	324	322	333	334	346	344	352	345	348	345	337	340	332	334	325	326
35	184	188	187	192	192	199	199	206	205	210	206	207	205	201	202	197	196	191	191
40	117	119	118	121	122	126	127	130	130	133	131	131	129	127	126	125	125	122	122
45	73.3	74.4	72.7	75.3	75.1	78.1	78.5	80.9	79.8	83.1	82.2	82.7	81.6	79.4	79.6	78.5	79.4	77.2	77.6
50	40.0	40.3	39.0	40.4	40.5	42.1	42.2	43.3	42.4	44.4	44.2	45.0	44.7	43.5	43.8	43.6	44.5	43.2	43.6
55	18.2	17.8	16.8	18.0	18.4	19.4	19.2	19.5	18.6	20.0	20.3	21.1	21.1	19.9	19.8	19.6	20.7	19.9	20.2
60	7.81	7.47	6.94	7.72	7.97	8.06	8.02	7.78	7.20	7.84	8.06	8.22	8.11	7.78	7.24	7.67	7.85	7.69	7.71
65	6.55	6.00	5.83	6.51	6.47	6.47	6.36	6.41	5.96	6.49	6.69	7.27	7.31	7.03	5.87	6.48	6.91	7.10	7.05
70	5.35	5.26	5.32	5.38	5.45	5.49	5.59	5.58	5.58	5.60	5.68	5.69	5.57	5.50	5.45	5.42	5.23	5.39	5.39
75	5.29	5.15	5.23	5.30	5.36	5.37	5.46	5.45	5.44	5.50	5.57	5.56	5.49	5.42	5.21	5.35	5.19	5.35	5.39
80	5.16	4.98	5.09	5.16	5.21	5.21	5.30	5.29	5.27	5.36	5.41	5.41	5.47	5.39	5.12	5.35	5.24	5.35	5.40
85	3.99	3.76	3.92	3.96	3.98	3.98	4.04	4.01	3.97	4.10	4.15	4.24	4.66	4.44	4.15	4.48	4.37	4.41	4.52
90	3.29	3.25	3.47	3.36	3.31	3.41	3.42	3.49	3.50	3.60	3.55	3.69	4.43	4.37	4.01	4.26	4.33	4.19	4.24
95	3.07	2.95	3.22	3.09	3.08	3.09	3.11	3.13	3.22	3.23	3.19	3.22	4.32	4.26	4.22	4.26	4.29	4.26	4.27
100	3.23	2.98	3.11	3.25	3.34	3.38	3.42	3.24	3.12	3.31	3.48	3.57	5.00	4.82	4.23	4.51	4.76	4.75	4.86
105	3.61	3.22	3.14	3.24	3.38	3.39	3.43	3.30	3.15	3.35	3.47	3.50	5.01	4.87	4.51	4.60	5.21	5.24	5.37
110	3.49	3.41	3.42	3.41	3.45	3.44	3.46	3.44	3.48	3.46	3.48	3.47	4.73	4.74	4.66	4.62	4.83	4.86	4.92
115	4.02	3.97	3.99	3.97	4.02	3.98	4.01	3.97	4.06	3.99	4.01	3.96	4.94	4.95	4.95	4.91	4.96	4.97	5.02
120	4.87	4.81	4.83	4.80	4.84	4.80	4.84	4.78	4.87	4.79	4.82	4.76	5.51	5.54	5.54	5.51	5.53	5.56	5.59
125	6.08	6.02	6.04	6.00	6.05	5.98	6.03	5.95	6.05	5.95	5.99	5.92	6.50	6.54	6.54	6.53	6.53	6.58	6.59
130	7.63	7.57	7.59	7.54	7.58	7.52	7.55	7.48	7.55	7.45	7.50	7.43	7.90	7.94	7.95	7.94	7.94	7.99	7.99
135	9.32	9.28	9.30	9.26	9.28	9.22	9.24	9.17	9.20	9.13	9.17	9.12	9.48	9.52	9.53	9.53	9.52	9.58	9.56
140	10.9	10.9	10.9	10.9	10.9	10.8	10.9	10.8	10.8	10.8	10.8	10.7	11.0	11.1	11.0	11.1	11.1	11.1	11.1
145	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.1	12.2	12.1	12.1	12.1	12.3	12.4	12.3	12.4	12.4	12.4	12.4
150	13.2	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.0	13.1	13.0	13.2	13.3	13.2	13.3	13.3	13.3	13.3
155	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.9	13.8
160	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.0	14.1	14.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2
165	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2
170	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.9	14.0	13.9	13.9
175	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.6	13.7	13.7	13.7	13.7	13.7
180	13.7	13.8	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.7	13.8	13.8	13.8	13.8	13.8

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:226.6V I:0.0920A P:19.80W PF:0.9490 Lamp Flux:1717.27x1 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	5813	5813	5813	5813	5813														
5	5475	5498	5466	5492	5458														
10	4216	4264	4193	4242	4165														
15	2474	2535	2449	2505	2414														
20	1166	1199	1148	1181	1131														
25	544	552	538	550	539														
30	318	322	316	319	313														
35	188	190	185	186	184														
40	119	119	117	118	116														
45	75.2	74.7	73.3	74.0	72.6														
50	41.8	41.3	40.4	40.9	39.8														
55	18.6	18.3	18.0	18.9	18.1														
60	7.50	7.07	7.52	7.78	7.78														
65	6.73	5.80	6.80	6.78	6.59														
70	5.36	5.23	5.26	5.23	5.21														
75	5.36	5.18	5.23	5.20	5.19														
80	5.39	5.18	5.25	5.21	5.19														
85	4.57	4.31	4.45	4.36	4.31														
90	4.20	4.23	4.18	4.10	4.07														
95	4.32	4.36	4.21	4.21	4.26														
100	4.86	4.48	4.89	4.55	4.60														
105	5.10	4.59	5.24	4.36	4.71														
110	4.89	4.73	4.96	4.81	4.65														
115	5.06	5.03	5.11	4.98	4.93														
120	5.64	5.64	5.70	5.60	5.58														
125	6.66	6.65	6.71	6.63	6.63														
130	8.06	8.05	8.11	8.05	8.06														
135	9.63	9.61	9.66	9.62	9.66														
140	11.2	11.1	11.2	11.2	11.2														
145	12.4	12.4	12.4	12.4	12.5														
150	13.3	13.3	13.3	13.3	13.3														
155	13.9	13.8	13.9	13.8	13.9														
160	14.2	14.2	14.2	14.2	14.2														
165	14.2	14.2	14.2	14.2	14.2														
170	13.9	13.9	13.9	13.9	13.9														
175	13.7	13.7	13.7	13.7	13.6														
180	13.8	13.8	13.8	13.8	13.8														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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: