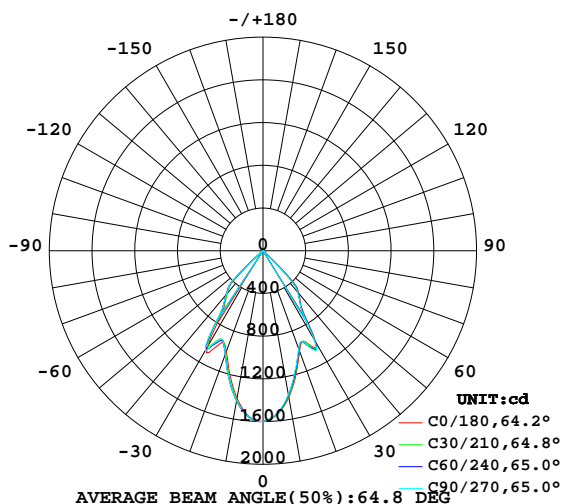


## LUMINAIRE PHOTOMETRIC TEST REPORT

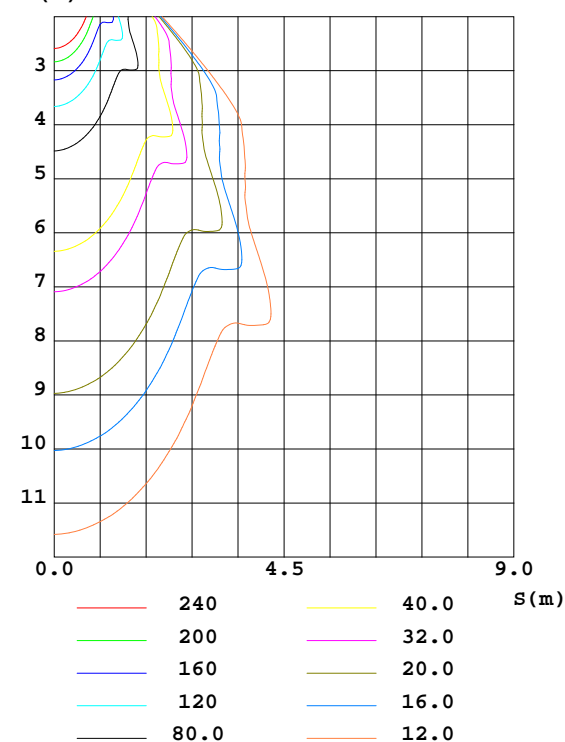
Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.17 lm/W			
MODEL	BL07-20W-830-W-60	Imax(cd)	1600	S/MH(C0/180)	0.76
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.74
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1667.7	η UP,DN(C0-180)	1.4,47.1
NOMINAL FLUX(lm)	1667.69	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,50.2
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.3	CIBSE SHR MAX	0.90

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:QiuMing  
 Test Date:2015-10-27

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
 Humidity:65.0%  
 Test Distance:5.920m [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	1394	1383	1369	1380	1402	1419	1426	1408	0- 10	142.7	142.7	8.56,8.56
20	1003	994.0	980.8	982.5	1004	1023	1035	1011	10- 20	333.8	476.5	28.6,28.6
30	987.0	965.1	962.8	964.8	1043	1047	1080	1055	20- 30	453.5	930.0	55.8,55.8
40	521.3	512.9	505.4	503.0	523.5	518.0	538.2	535.9	30- 40	426.6	1357	81.3,81.3
50	40.79	40.39	35.99	37.58	41.87	40.77	40.89	41.56	40- 50	222.0	1579	94.7,94.7
60	17.51	16.75	16.33	17.09	17.51	17.95	18.59	18.67	50- 60	24.52	1603	96.1,96.1
70	5.255	4.774	4.612	5.069	5.792	6.362	6.572	5.933	60- 70	10.88	1614	96.8,96.8
80	3.656	3.686	3.790	3.839	3.953	3.883	3.785	3.744	70- 80	4.261	1618	97,97
90	2.977	3.008	3.037	2.995	3.256	4.004	3.967	3.864	80- 90	4.140	1622	97.3,97.3
100	3.697	3.702	3.768	3.686	4.039	3.929	3.871	3.955	90-100	3.722	1626	97.5,97.5
110	4.965	4.824	4.938	4.889	5.428	5.298	5.220	5.369	100-110	4.730	1631	97.8,97.8
120	6.301	6.170	6.213	6.286	6.744	6.583	6.391	6.690	110-120	5.689	1637	98.1,98.1
130	8.043	7.902	7.903	8.003	8.401	8.115	7.885	8.314	120-130	6.452	1643	98.5,98.5
140	10.06	9.898	10.00	10.04	10.17	9.735	9.497	10.02	130-140	6.944	1650	98.9,98.9
150	11.96	12.25	12.19	12.16	11.67	11.08	10.89	11.42	140-150	6.790	1657	99.3,99.3
160	13.22	13.77	13.91	13.59	12.76	12.16	11.90	12.50	150-160	5.680	1662	99.7,99.7
170	15.03	15.62	15.67	15.10	14.32	13.80	13.32	13.77	160-170	3.870	1666	99.9,99.9
180	14.45	14.25	13.98	13.76	14.47	14.25	13.99	13.77	170-180	1.386	1668	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

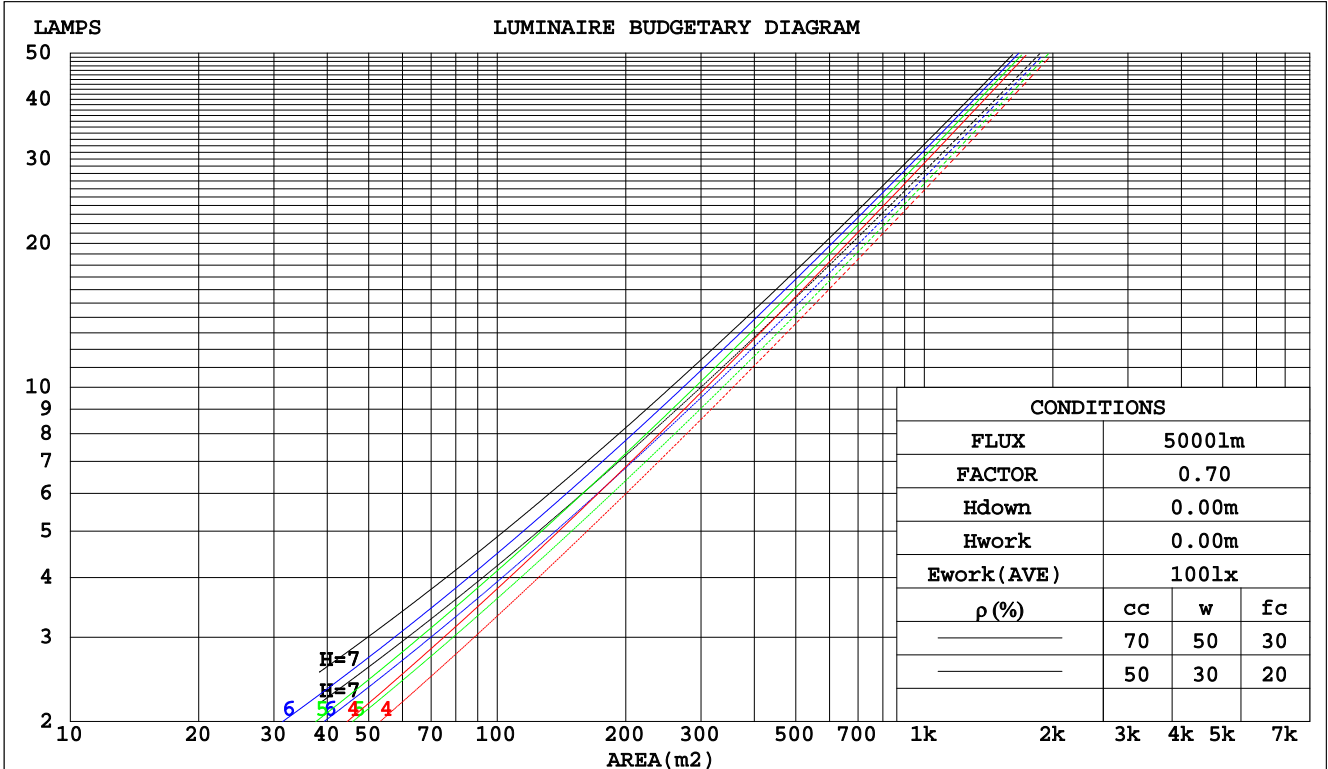
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 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	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.99	.94	.91	.95	.91	.89	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.75
4.0	.86	.80	.75	.84	.79	.74	.82	.77	.73	.79	.75	.72	.77	.74	.71	.69
5.0	.79	.73	.68	.78	.72	.68	.76	.71	.67	.74	.70	.66	.72	.68	.65	.63
6.0	.74	.67	.62	.73	.66	.62	.71	.65	.61	.69	.64	.61	.68	.63	.60	.58
7.0	.69	.62	.57	.68	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.59	.55	.52	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.49	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.46	.56	.50	.45	.55	.49	.45	.54	.48	.45	.53	.48	.45	.43



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 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	.196	.112	.035	.189	.108	.034	.175	.100	.032	.162	.093	.030	.150	.087	.028		
2.0	.189	.104	.032	.182	.100	.031	.170	.095	.029	.159	.089	.028	.149	.084	.026		
3.0	.180	.096	.029	.175	.094	.028	.164	.089	.027	.154	.085	.026	.145	.080	.025		
4.0	.172	.089	.026	.167	.087	.026	.158	.084	.025	.149	.080	.024	.141	.077	.023		
5.0	.164	.083	.024	.159	.082	.024	.151	.079	.023	.144	.076	.023	.136	.073	.022		
6.0	.156	.078	.022	.152	.077	.022	.145	.074	.022	.138	.072	.021	.132	.069	.021		
7.0	.149	.074	.021	.146	.073	.021	.139	.070	.020	.133	.068	.020	.127	.066	.019		
8.0	.142	.070	.020	.139	.069	.019	.133	.067	.019	.128	.065	.019	.122	.063	.018		
9.0	.136	.066	.018	.133	.065	.018	.128	.063	.018	.123	.061	.018	.118	.060	.017		
10.0	.130	.062	.017	.128	.062	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016		

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	.193	.178	.164	.165	.153	.141	.113	.105	.098	.065	.061	.057	.021	.020	.018		
2.0	.180	.153	.131	.154	.132	.114	.105	.091	.079	.061	.053	.046	.019	.017	.015		
3.0	.168	.135	.108	.144	.116	.094	.099	.081	.066	.057	.047	.039	.018	.015	.013		
4.0	.159	.120	.091	.136	.104	.079	.094	.073	.056	.054	.042	.033	.017	.014	.011		
5.0	.151	.109	.078	.130	.094	.068	.089	.066	.048	.052	.039	.029	.017	.013	.009		
6.0	.144	.100	.069	.124	.087	.060	.085	.061	.042	.050	.036	.025	.016	.012	.008		
7.0	.138	.093	.061	.119	.081	.053	.082	.056	.038	.048	.033	.023	.015	.011	.007		
8.0	.132	.087	.056	.114	.075	.049	.079	.053	.034	.046	.031	.021	.015	.010	.007		
9.0	.127	.082	.051	.110	.071	.045	.076	.050	.032	.044	.030	.019	.014	.010	.006		
10.0	.123	.078	.048	.106	.067	.041	.073	.047	.029	.043	.028	.018	.014	.009	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### Uncorrected UGR Table

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 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	19.5	20.5	19.8	20.8	21.0	19.3	20.3	19.6	20.6	20.8	
	3H	19.3	20.3	19.6	20.5	20.8	19.1	20.1	19.4	20.3	20.6
	4H	19.2	20.1	19.6	20.4	20.7	19.0	19.9	19.4	20.2	20.5
	6H	19.1	20.0	19.5	20.3	20.6	19.0	19.8	19.3	20.1	20.4
	8H	19.1	19.9	19.5	20.2	20.5	18.9	19.7	19.3	20.0	20.3
	12H	19.1	19.8	19.4	20.2	20.5	18.9	19.7	19.3	20.0	20.3
4H	2H	19.2	20.1	19.6	20.4	20.7	19.0	19.9	19.4	20.2	20.5
	3H	19.1	19.8	19.4	20.1	20.5	18.9	19.6	19.2	19.9	20.3
	4H	19.0	19.7	19.4	20.0	20.4	18.8	19.5	19.2	19.8	20.2
	6H	18.9	19.5	19.3	19.9	20.3	18.7	19.3	19.1	19.7	20.1
	8H	18.9	19.4	19.3	19.8	20.2	18.7	19.2	19.1	19.6	20.1
	12H	18.8	19.3	19.3	19.8	20.2	18.7	19.2	19.1	19.6	20.0
8H	4H	18.8	19.4	19.3	19.8	20.2	18.6	19.2	19.1	19.6	20.0
	6H	18.7	19.2	19.2	19.6	20.1	18.6	19.0	19.0	19.5	19.9
	8H	18.7	19.1	19.2	19.6	20.1	18.5	18.9	19.0	19.4	19.9
	12H	18.7	19.1	19.2	19.6	20.1	18.6	18.9	19.1	19.4	19.9
12H	4H	18.8	19.3	19.2	19.7	20.1	18.6	19.1	19.0	19.5	20.0
	6H	18.7	19.1	19.2	19.6	20.1	18.5	18.9	19.0	19.4	19.9
	8H	18.7	19.0	19.2	19.5	20.1	18.5	18.8	19.0	19.3	19.9
Variations with the observer position at spacings:											
S = 1.0H	+ 3.6 / -10.1					+ 3.6 / -10.2					
1.5H	+ 3.7 / - 9.7					+ 4.1 / - 9.4					
2.0H	+ 8.7 / - 5.9					+ 7.6 / - 4.1					

CIE Pub.117 Corrected 1668 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

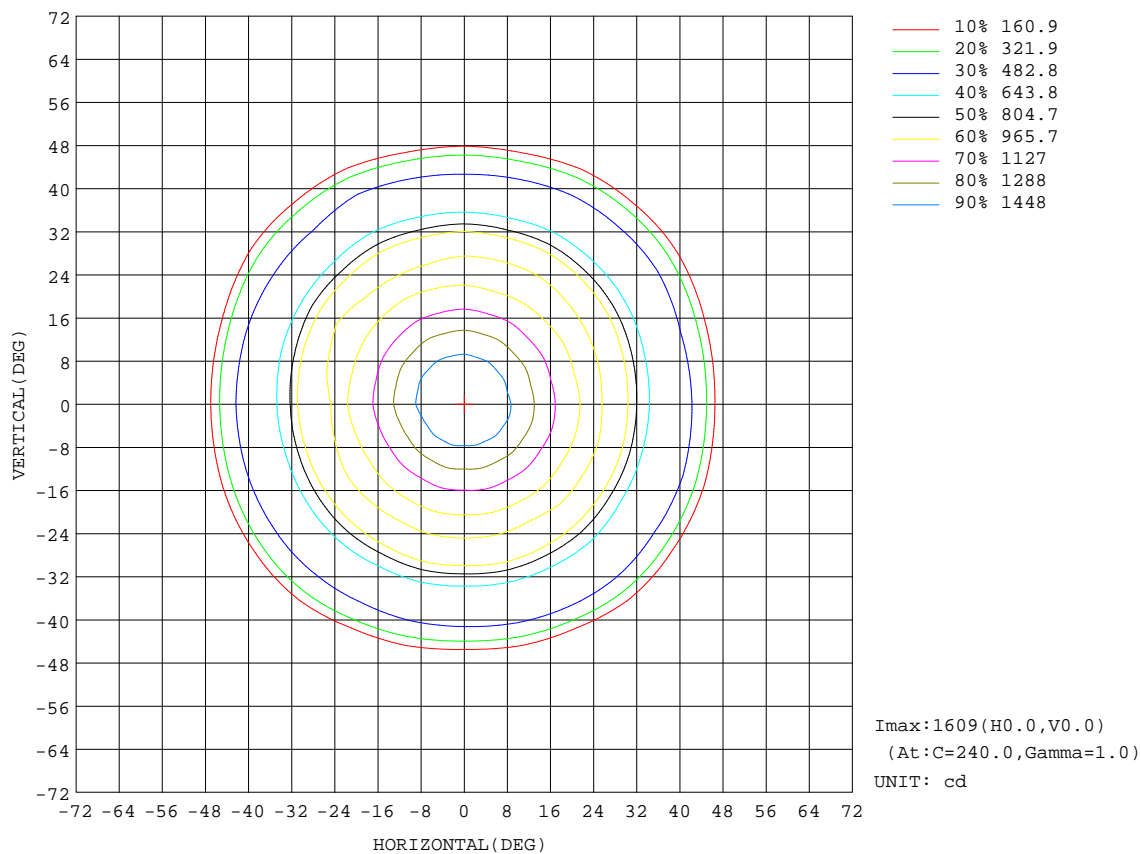
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	67	63
0.80	88	81	77	87	81	77	86	80	76	72
1.00	94	87	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	96	93	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	110	106	102	107	104	101	104	101	99	91
4.00	112	108	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
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:QiuMing  
Test Date:2015-10-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### ISOCANDELA DIAGRAM

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



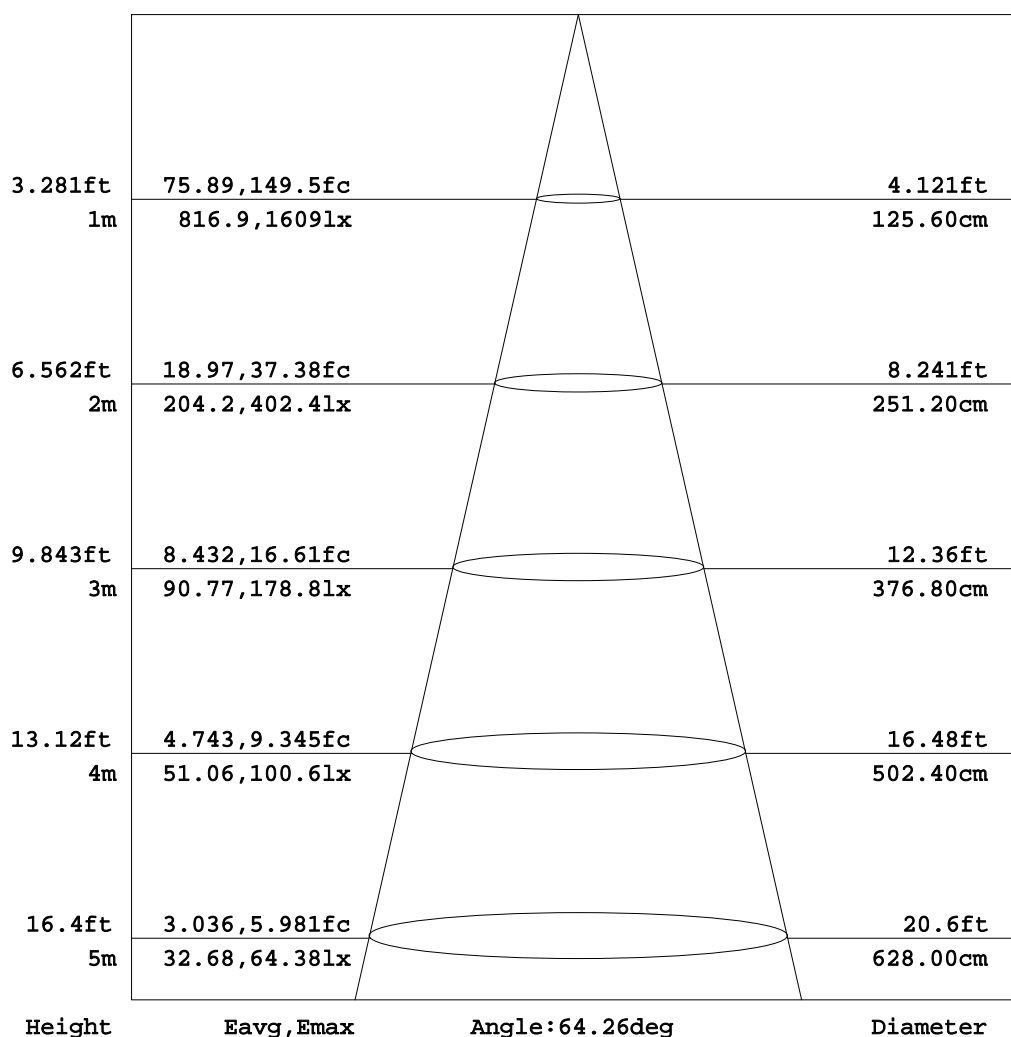
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

### AAI Figure

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1082 lm



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

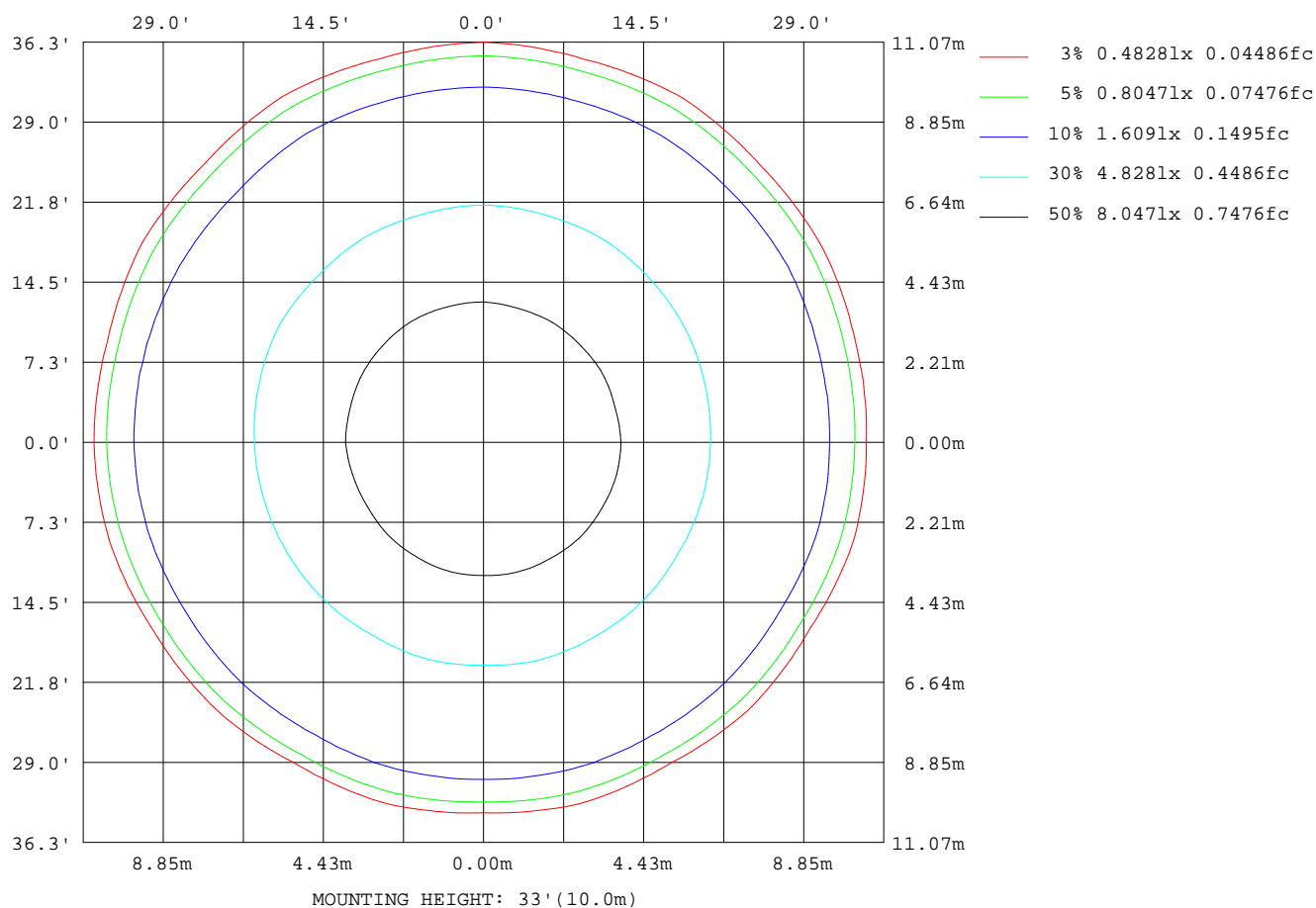
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:



### ISOLUX DIAGRAM

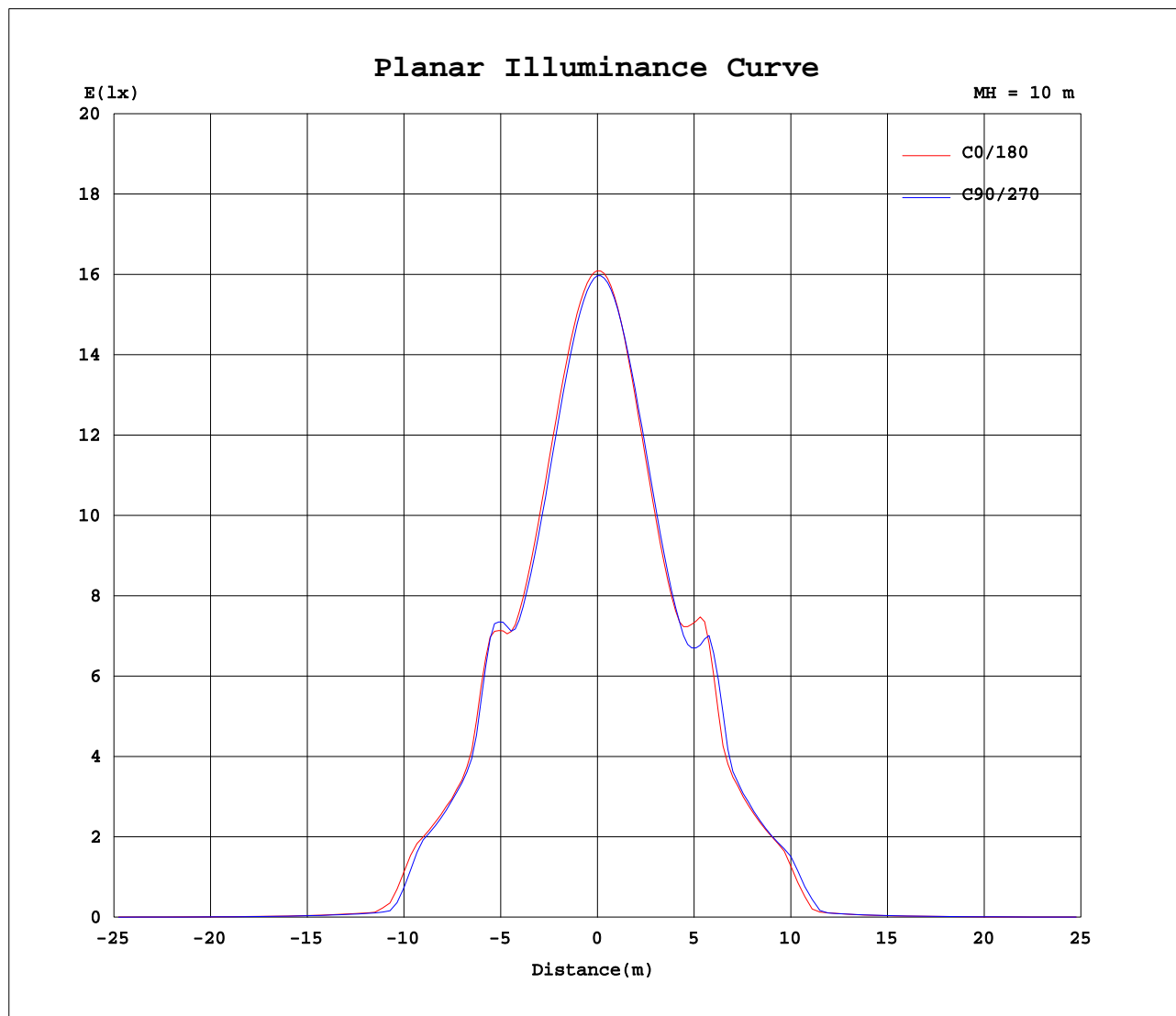
Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: QiuMing  
Test Date: 2015-10-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 5.920m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 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	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598	1598
5	1539	1538	1534	1532	1528	1529	1527	1533	1534	1540	1541	1548	1553	1552	1560	1559	1563	1557	1560
10	1394	1394	1384	1383	1372	1374	1369	1376	1372	1380	1378	1390	1402	1402	1419	1419	1429	1422	1426
15	1197	1198	1182	1187	1171	1178	1162	1175	1163	1175	1170	1187	1201	1200	1221	1222	1239	1230	1238
20	1003	1000	993	994	985	987	981	984	980	982	979	993	1004	1004	1020	1023	1035	1029	1035
25	941	932	950	954	976	968	972	972	980	973	962	974	965	924	914	932	926	922	913
30	987	988	970	965	969	985	963	978	953	965	977	1012	1043	1057	1035	1047	1070	1072	1080
35	616	601	602	614	609	612	609	610	605	607	614	623	630	646	646	647	666	662	661
40	521	520	509	513	509	509	505	504	499	503	511	519	523	525	520	518	541	538	538
45	317	304	257	249	219	225	209	228	226	267	293	335	358	369	394	396	429	423	428
50	40.8	41.6	41.3	40.4	37.5	36.8	36.0	36.2	36.3	37.6	39.6	43.3	41.9	40.0	40.2	40.8	40.3	39.8	40.9
55	28.2	27.4	26.2	25.9	25.2	25.4	25.1	25.4	25.4	25.7	26.0	26.6	26.3	25.8	26.3	26.6	27.2	27.0	27.9
60	17.5	17.3	16.8	16.8	16.3	16.6	16.3	16.7	16.6	17.1	17.2	17.5	17.5	17.3	17.9	18.0	18.5	18.3	18.6
65	10.6	10.4	10.0	9.97	9.59	9.90	9.61	9.97	9.81	10.3	10.6	10.9	11.1	11.1	11.6	11.6	11.9	11.7	12.0
70	5.26	5.11	4.79	4.77	4.51	4.69	4.61	4.83	4.76	5.07	5.24	5.52	5.79	5.92	6.28	6.36	6.54	6.38	6.57
75	3.70	3.69	3.70	3.71	3.76	3.78	3.82	3.83	3.86	3.89	3.91	3.92	3.97	3.95	3.92	3.89	3.87	3.84	3.81
80	3.66	3.65	3.67	3.69	3.72	3.76	3.79	3.81	3.83	3.84	3.86	3.86	3.95	3.94	3.91	3.88	3.85	3.83	3.78
85	3.66	3.67	3.69	3.71	3.75	3.77	3.81	3.83	3.86	3.86	3.87	3.86	4.01	4.00	3.96	3.94	3.90	3.87	3.84
90	2.98	2.97	3.01	3.01	3.03	3.02	3.04	3.03	3.02	3.00	2.98	2.94	3.26	3.48	4.00	4.00	4.02	4.00	3.97
95	3.26	3.27	3.30	3.30	3.33	3.33	3.34	3.33	3.32	3.29	3.28	3.24	3.51	3.49	3.44	3.43	3.40	3.41	3.40
100	3.70	3.69	3.71	3.70	3.74	3.74	3.77	3.74	3.73	3.69	3.73	3.70	4.04	4.02	3.94	3.93	3.87	3.88	3.87
105	4.35	4.30	4.26	4.24	4.27	4.31	4.34	4.29	4.27	4.23	4.33	4.41	4.79	4.79	4.69	4.66	4.56	4.60	4.57
110	4.96	4.88	4.83	4.82	4.85	4.89	4.94	4.88	4.88	4.89	4.95	5.03	5.43	5.43	5.34	5.30	5.19	5.23	5.22
115	5.58	5.50	5.48	5.45	5.48	5.49	5.54	5.50	5.54	5.59	5.61	5.63	6.05	6.04	5.95	5.91	5.78	5.80	5.80
120	6.30	6.23	6.21	6.17	6.20	6.17	6.21	6.20	6.30	6.29	6.33	6.32	6.74	6.73	6.64	6.58	6.43	6.41	6.39
125	7.10	7.05	7.01	6.97	6.99	6.93	6.98	7.00	7.13	7.08	7.13	7.11	7.54	7.50	7.40	7.30	7.16	7.11	7.10
130	8.04	8.01	7.95	7.90	7.92	7.85	7.90	7.95	8.09	8.00	8.07	8.04	8.40	8.34	8.23	8.11	7.96	7.89	7.88
135	9.03	9.02	8.96	8.89	8.90	8.83	8.90	8.95	9.06	8.98	9.07	9.02	9.28	9.19	9.06	8.93	8.76	8.69	8.70
140	10.1	10.1	10.1	9.90	9.93	9.92	10.0	10.0	10.1	10.0	10.1	10.0	10.2	10.0	9.90	9.73	9.55	9.52	9.50
145	11.1	11.2	11.2	11.0	11.0	11.1	11.2	11.1	11.1	11.1	11.1	11.0	11.0	10.8	10.7	10.5	10.3	10.3	10.3
150	12.0	12.1	12.3	12.2	12.2	12.2	12.2	12.1	12.1	12.2	11.9	11.8	11.7	11.4	11.3	11.1	10.9	10.9	10.9
155	12.6	12.8	13.0	13.1	13.0	12.9	13.0	12.9	13.0	12.9	12.5	12.4	12.2	11.9	11.7	11.6	11.4	11.3	11.3
160	13.2	13.4	13.7	13.8	13.8	13.8	13.9	13.8	13.8	13.6	13.2	13.0	12.8	12.5	12.3	12.2	11.9	11.9	11.9
165	14.0	14.3	14.5	14.6	14.8	14.8	14.8	14.7	14.7	14.5	14.0	13.7	13.5	13.2	13.0	12.9	12.7	12.6	12.5
170	15.0	15.2	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.1	14.6	14.4	14.3	14.1	13.9	13.8	13.7	13.6	13.3
175	14.9	15.1	15.3	15.3	15.3	15.4	15.2	15.1	14.9	14.6	14.3	14.1	14.3	14.0	13.8	13.7	13.6	13.5	13.4
180	14.5	14.4	14.4	14.3	14.2	14.0	14.0	13.9	13.8	13.8	13.9	13.9	14.5	14.4	14.4	14.3	14.2	14.0	14.0

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.7V I:0.0840A P:17.90W PF:0.9410 Lamp Flux:1667.69x1 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	1598	1598	1598	1598	1598													
5	1554	1555	1548	1549	1541													
10	1417	1421	1408	1410	1397													
15	1225	1230	1213	1216	1202													
20	1019	1023	1011	1014	1004													
25	909	916	927	939	947													
30	1069	1062	1055	1042	1020													
35	656	658	649	644	635													
40	540	542	536	534	521													
45	414	418	391	380	337													
50	41.1	41.5	41.6	41.2	40.5													
55	28.4	29.7	30.5	30.3	29.2													
60	18.5	18.9	18.7	18.7	17.8													
65	11.8	12.0	11.5	11.5	10.9													
70	6.31	6.33	5.93	5.82	5.46													
75	3.78	3.76	3.75	3.74	3.75													
80	3.77	3.74	3.74	3.73	3.74													
85	3.83	3.80	3.80	3.80	3.80													
90	3.95	3.92	3.86	3.73	3.24													
95	3.42	3.42	3.47	3.48	3.52													
100	3.90	3.90	3.96	3.96	4.01													
105	4.63	4.65	4.71	4.69	4.72													
110	5.29	5.31	5.37	5.34	5.36													
115	5.85	5.92	6.01	5.96	5.96													
120	6.48	6.60	6.69	6.66	6.66													
125	7.21	7.35	7.46	7.45	7.45													
130	8.01	8.18	8.31	8.32	8.34													
135	8.82	9.00	9.17	9.20	9.24													
140	9.64	9.81	10.0	10.1	10.2													
145	10.4	10.6	10.8	11.0	11.1													
150	11.0	11.2	11.4	11.6	11.9													
155	11.5	11.6	11.9	12.2	12.4													
160	12.0	12.2	12.5	12.8	13.0													
165	12.5	12.7	13.1	13.4	13.7													
170	13.3	13.5	13.8	14.2	14.7													
175	13.5	13.6	13.8	14.0	14.5													
180	13.9	13.9	13.8	13.8	14.0													

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:QiuMing  
Test Date:2015-10-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:5.920m [K=1.0000]  
Remarks: