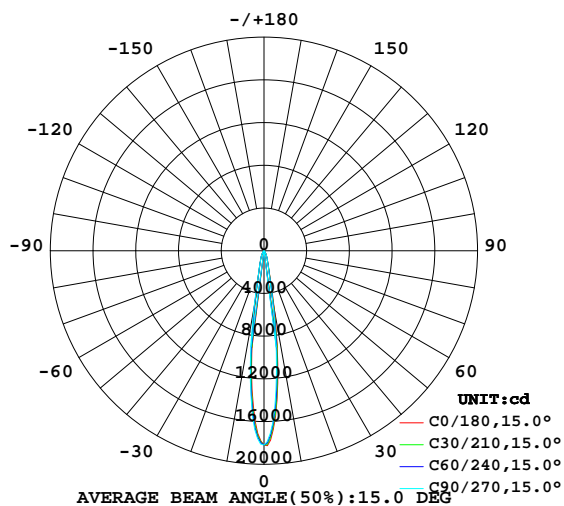


## LUMINAIRE PHOTOMETRIC TEST REPORT

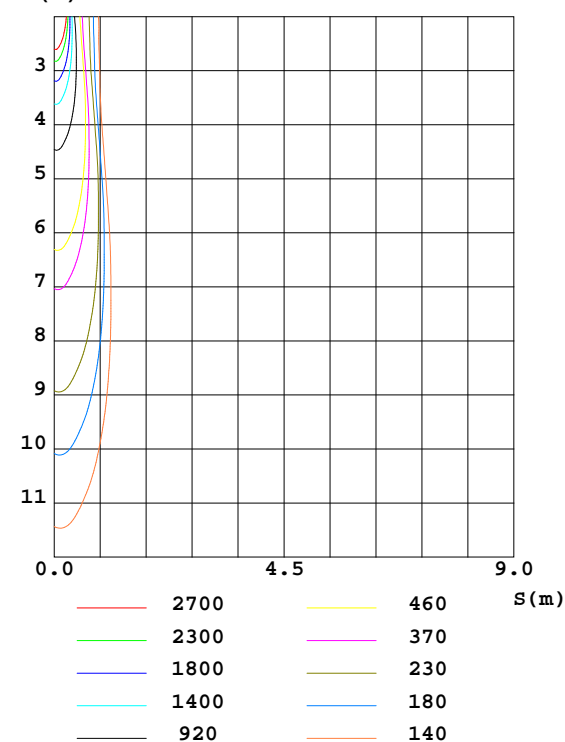
Test:U:226.5V I:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.17 lm/W			
MODEL	DL08-20W-830-W-15-02	Imax(cd)	18284	S/MH(C0/180)	0.26
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2154.2	η UP,DN(C0-180)	1.3,47.9
NOMINAL FLUX(lm)	2154.19	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.4
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.3	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:2016-08-31

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	ℓlum, lamp
10	563.1	527.2	461.5	454.8	458.3	467.1	536.0	554.0	0- 10	999.9	999.9	46.4,46.4
20	96.26	97.07	95.19	94.54	96.54	98.23	99.92	97.64	10- 20	539.3	1539	71.4,71.4
30	38.97	39.02	37.39	37.96	38.56	39.47	40.42	39.37	20- 30	289.8	1829	84.9,84.9
40	14.60	14.70	14.18	14.40	14.66	14.89	15.04	14.82	30- 40	150.4	1979	91.9,91.9
50	5.255	5.186	5.076	5.029	5.179	5.231	5.454	5.294	40- 50	72.41	2052	95.2,95.2
60	0.9415	0.9447	0.9027	0.9249	0.8773	0.9322	0.9519	0.9416	50- 60	22.77	2075	96.3,96.3
70	0.7041	0.7002	0.7034	0.7087	0.6924	0.7121	0.7148	0.6854	60- 70	7.747	2082	96.7,96.7
80	0.7089	0.7071	0.7039	0.7054	0.6919	0.7088	0.7052	0.6702	70- 80	7.386	2090	97,97
90	0.4840	0.4899	0.4405	0.4633	0.5475	0.5759	0.5892	0.5425	80- 90	6.880	2097	97.3,97.3
100	0.3709	0.4006	0.3951	0.3843	0.6632	0.6373	0.6381	0.5805	90-100	5.354	2102	97.6,97.6
110	0.4846	0.4988	0.4850	0.4695	0.6230	0.6190	0.6119	0.5899	100-110	5.703	2108	97.8,97.8
120	0.5655	0.5789	0.5671	0.5621	0.6728	0.6751	0.6625	0.6483	110-120	5.701	2113	98.1,98.1
130	0.8822	0.8956	0.9129	0.9092	0.9836	0.9802	0.9505	0.9495	120-130	6.577	2120	98.4,98.4
140	1.447	1.452	1.466	1.462	1.492	1.487	1.470	1.469	130-140	9.362	2129	98.8,98.8
150	1.674	1.676	1.680	1.675	1.707	1.706	1.699	1.699	140-150	10.01	2139	99.3,99.3
160	1.792	1.793	1.797	1.794	1.806	1.805	1.801	1.799	150-160	8.075	2147	99.7,99.7
170	1.826	1.827	1.822	1.820	1.832	1.831	1.835	1.835	160-170	5.173	2153	99.9,99.9
180	1.622	1.618	1.620	1.628	1.625	1.617	1.621	1.627	170-180	1.672	2154	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

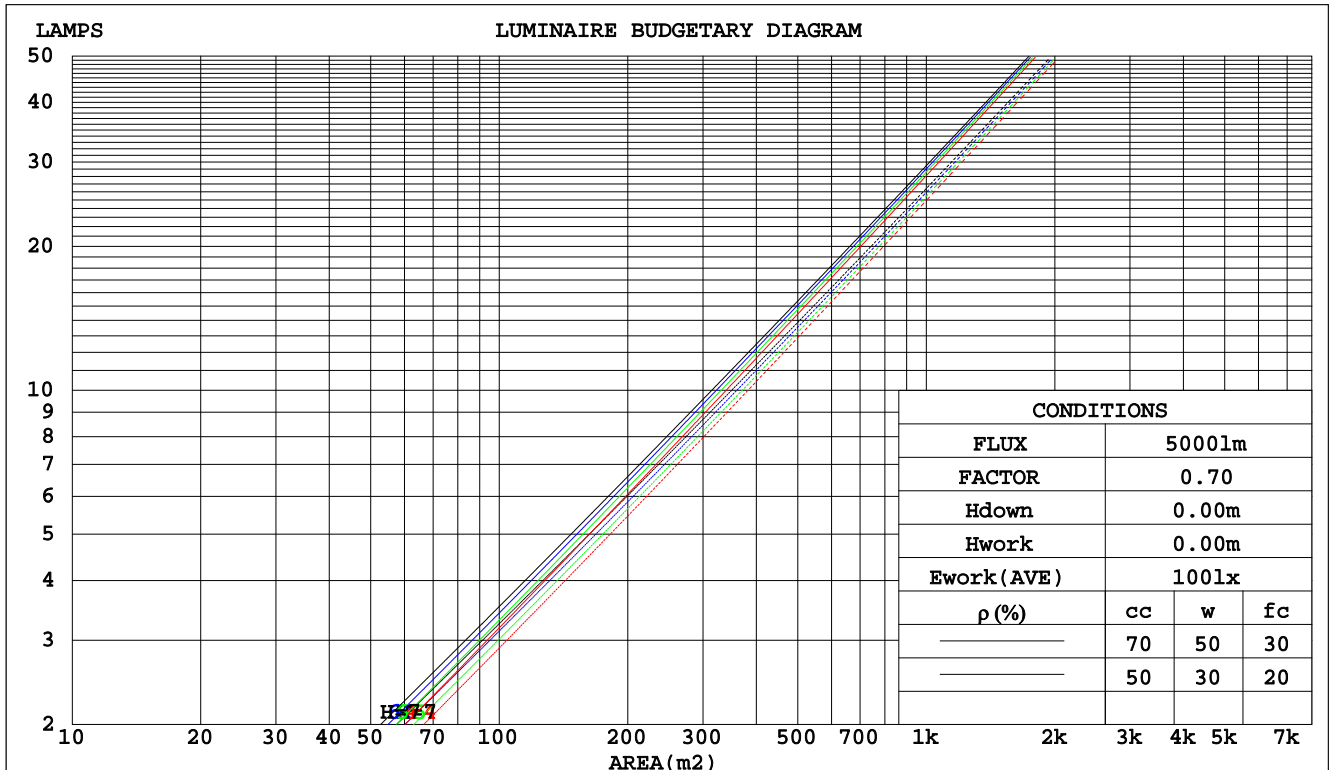
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 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	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.95	.94
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.98	.97	.97	.96	.94	.94	.93	.92	.90
3.0	1.01	.98	.95	.00	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.89	.87	.86	.84
5.0	.94	.89	.86	.93	.89	.86	.91	.87	.85	.89	.86	.84	.87	.85	.83	.82
6.0	.90	.86	.83	.90	.86	.83	.88	.84	.82	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.83	.80	.78	.77
8.0	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
9.0	.83	.78	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.78	.75	.73	.72



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 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	.146	.083	.026	.138	.079	.025	.124	.071	.023	.112	.064	.021	.100	.058	.019		
2.0	.134	.074	.023	.128	.071	.022	.116	.065	.020	.106	.059	.019	.096	.054	.017		
3.0	.125	.066	.020	.119	.064	.019	.109	.059	.018	.100	.055	.017	.092	.051	.016		
4.0	.116	.060	.018	.112	.058	.017	.103	.055	.016	.095	.051	.015	.088	.048	.015		
5.0	.109	.055	.016	.105	.054	.016	.098	.051	.015	.091	.048	.014	.084	.045	.014		
6.0	.102	.051	.015	.099	.050	.014	.093	.047	.014	.087	.045	.013	.081	.043	.013		
7.0	.097	.048	.014	.094	.047	.013	.088	.045	.013	.083	.042	.012	.078	.040	.012		
8.0	.092	.045	.013	.089	.044	.012	.084	.042	.012	.079	.040	.012	.075	.038	.011		
9.0	.087	.042	.012	.085	.041	.012	.080	.040	.011	.076	.038	.011	.072	.037	.011		
10.0	.083	.040	.011	.081	.039	.011	.077	.038	.011	.073	.036	.010	.069	.035	.010		

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	.168	.162	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019		
2.0	.172	.153	.138	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016		
3.0	.157	.134	.116	.135	.116	.100	.093	.080	.070	.053	.047	.041	.017	.015	.014		
4.0	.145	.119	.099	.124	.103	.086	.086	.072	.061	.049	.042	.036	.016	.014	.012		
5.0	.135	.107	.086	.116	.092	.075	.080	.065	.053	.046	.038	.031	.015	.012	.010		
6.0	.126	.097	.076	.108	.084	.066	.074	.059	.047	.043	.035	.028	.014	.011	.009		
7.0	.118	.089	.068	.101	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008		
8.0	.111	.082	.062	.096	.071	.054	.066	.050	.038	.039	.029	.023	.012	.010	.008		
9.0	.105	.076	.057	.091	.066	.049	.063	.047	.035	.037	.027	.021	.012	.009	.007		
10.0	.100	.072	.052	.086	.062	.046	.060	.044	.032	.035	.026	.019	.011	.008	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 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	16.6	17.3	16.9	17.5	17.7	16.5	17.1	16.7	17.3	17.5	
	3H	16.6	17.2	16.9	17.5	17.7	16.5	17.1	16.7	17.3	17.5
	4H	16.7	17.3	17.0	17.5	17.8	16.5	17.1	16.8	17.4	17.6
	6H	16.9	17.5	17.2	17.7	18.0	16.8	17.3	17.1	17.6	17.9
	8H	17.1	17.6	17.4	17.9	18.2	17.0	17.5	17.3	17.8	18.1
	12H	17.4	17.9	17.7	18.2	18.5	17.2	17.7	17.6	18.0	18.3
4H	2H	16.5	17.0	16.8	17.3	17.6	16.3	16.9	16.6	17.1	17.4
	3H	16.5	17.0	16.8	17.3	17.6	16.3	16.9	16.7	17.2	17.5
	4H	16.7	17.1	17.0	17.5	17.8	16.5	17.0	16.9	17.3	17.7
	6H	17.1	17.5	17.5	17.9	18.2	16.9	17.4	17.3	17.7	18.1
	8H	17.4	17.8	17.8	18.2	18.6	17.3	17.7	17.7	18.1	18.5
	12H	17.8	18.2	18.3	18.6	19.0	17.7	18.0	18.1	18.5	18.9
8H	4H	16.7	17.1	17.1	17.5	17.9	16.5	16.9	17.0	17.3	17.7
	6H	17.3	17.6	17.7	18.0	18.5	17.2	17.5	17.6	17.9	18.4
	8H	17.8	18.1	18.3	18.6	19.0	17.7	18.0	18.2	18.4	18.9
	12H	18.4	18.7	18.9	19.2	19.7	18.3	18.5	18.8	19.0	19.5
12H	4H	16.7	17.0	17.1	17.4	17.9	16.5	16.9	17.0	17.3	17.8
	6H	17.4	17.6	17.8	18.1	18.6	17.2	17.5	17.7	18.0	18.5
	8H	18.0	18.2	18.5	18.7	19.2	17.8	18.1	18.4	18.6	19.1
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 2.0					+ 1.3 / - 2.0					
1.5H	+ 2.3 / - 2.1					+ 2.1 / - 2.1					
2.0H	+ 2.9 / - 1.5					+ 2.9 / - 1.5					

CIE Pub.117 Corrected 2154 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

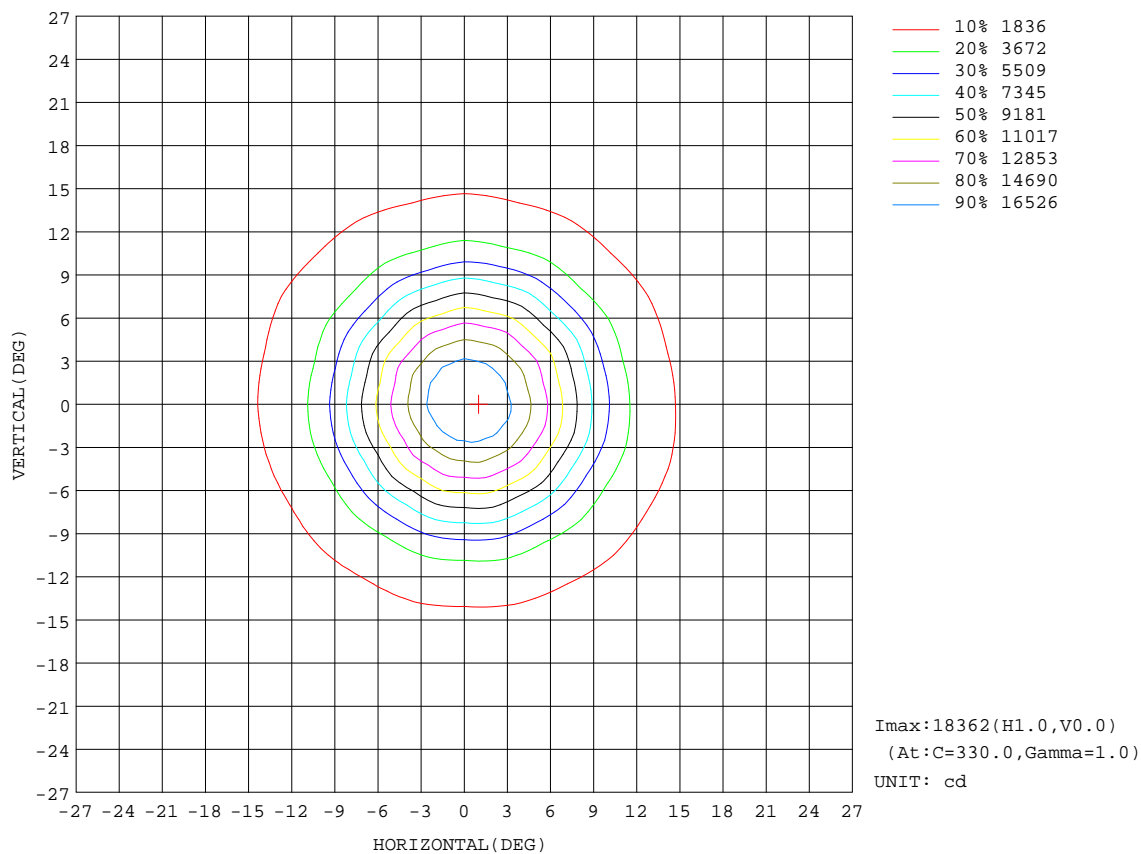
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	98	93	89	97	92	89	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:2016-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



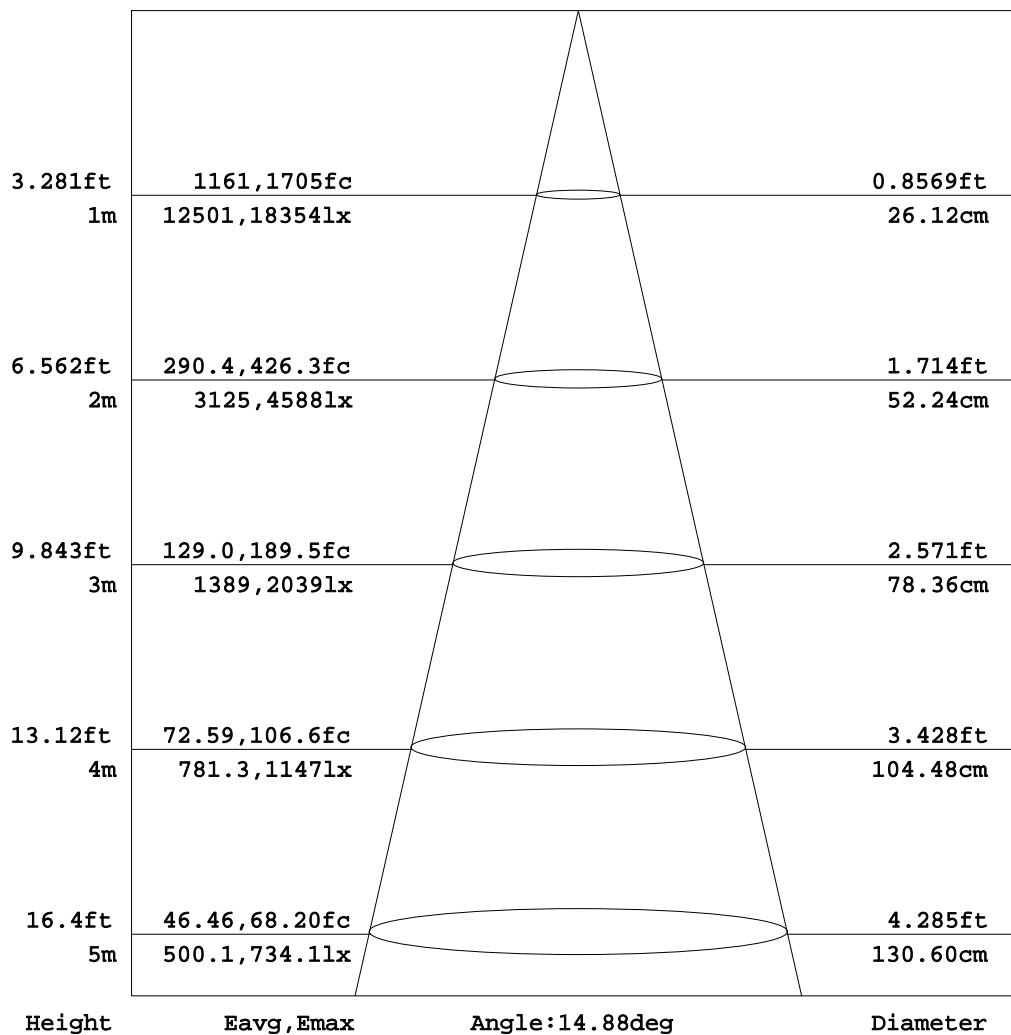
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:775.7 lm



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

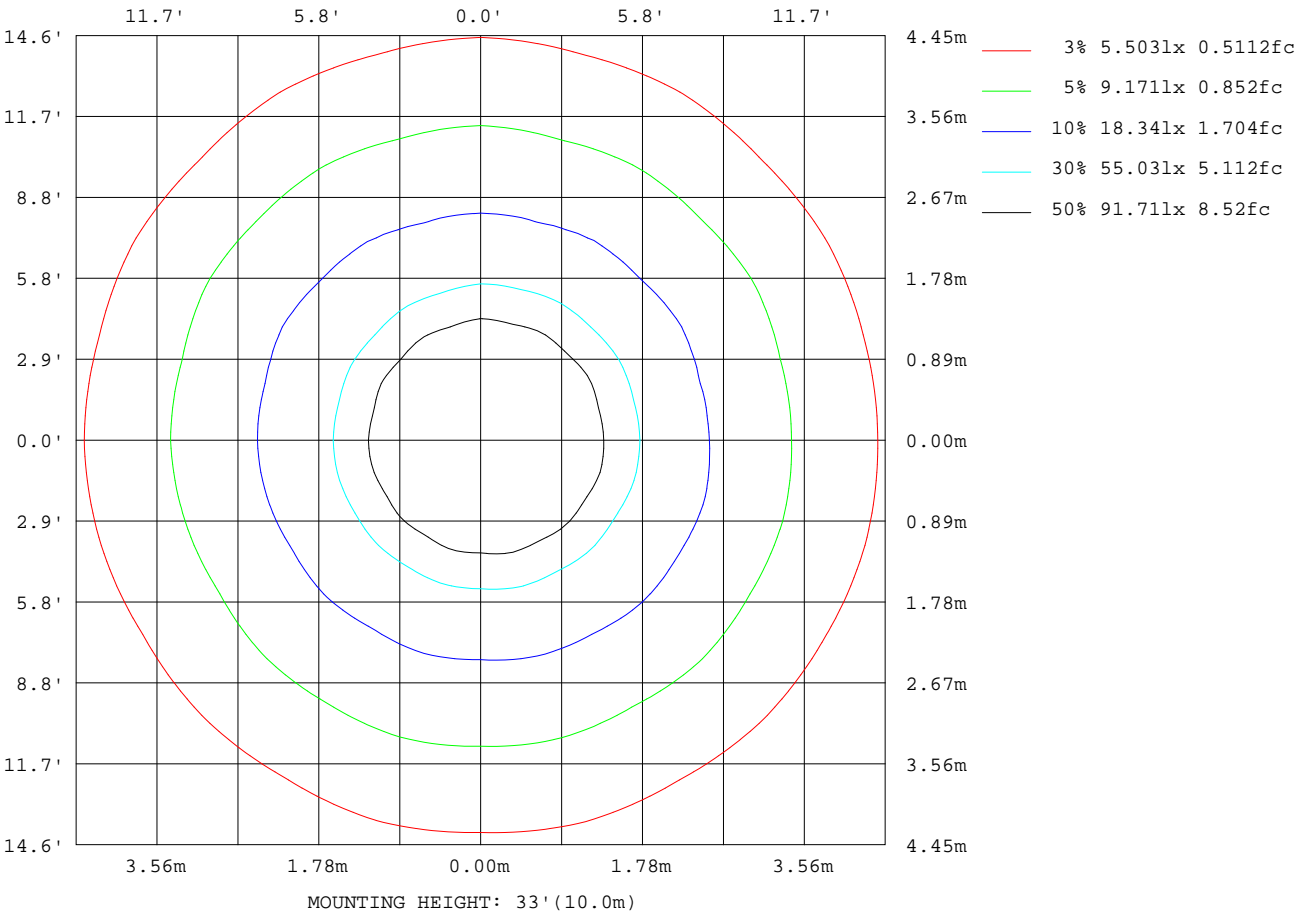
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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

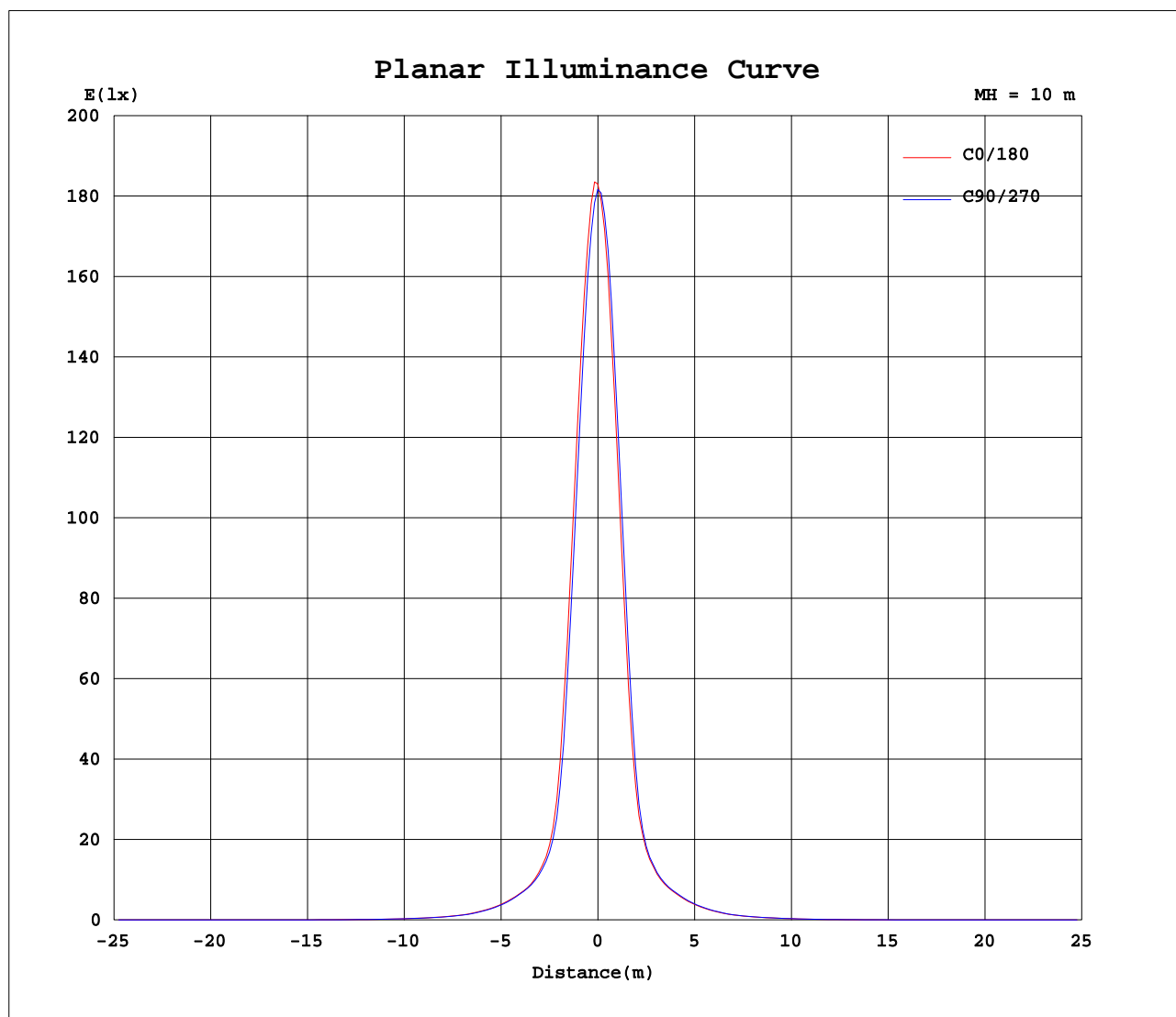
Test:U:226.5V I:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-08-31

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: 2016-08-31

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820	1820
5	1409	1409	1383	1375	1342	1337	1301	1309	1275	1292	1267	1295	1298	1284	1331	1323	1359	1355	1391
10	563	557	519	527	489	496	461	467	440	455	435	455	458	445	478	467	505	492	536
15	173	179	174	176	167	168	162	165	160	163	159	164	167	166	176	173	176	169	174
20	96.3	97.2	95.8	97.1	95.0	96.4	95.2	96.1	94.1	94.5	93.3	95.5	96.5	96.1	99.6	98.2	101	98.2	99.9
25	62.9	64.2	62.8	63.5	61.5	62.4	60.8	61.3	60.0	60.9	60.2	61.6	61.9	61.7	63.3	63.0	64.4	63.9	64.7
30	39.0	39.4	38.5	39.0	38.0	38.3	37.4	37.8	37.3	38.0	37.3	38.2	38.6	38.4	39.6	39.5	40.2	39.7	40.4
35	23.1	23.3	22.8	23.1	22.4	22.7	22.1	22.3	22.2	22.5	22.2	22.8	22.9	22.8	23.5	23.3	23.7	23.4	23.8
40	14.6	14.8	14.5	14.7	14.3	14.5	14.2	14.4	14.1	14.4	14.2	14.5	14.7	14.6	15.0	14.9	15.1	14.8	15.0
45	9.18	9.23	9.05	9.18	9.04	9.20	8.98	9.02	8.91	9.10	8.99	9.25	9.25	9.26	9.54	9.55	9.70	9.51	9.60
50	5.25	5.23	5.10	5.19	5.15	5.25	5.08	5.07	4.95	5.03	5.02	5.20	5.18	5.09	5.28	5.23	5.41	5.37	5.45
55	2.52	2.50	2.41	2.43	2.39	2.43	2.27	2.25	2.17	2.20	2.22	2.33	2.27	2.16	2.28	2.28	2.49	2.49	2.55
60	0.94	0.88	0.97	0.94	0.95	0.94	0.90	0.87	0.95	0.92	0.93	0.93	0.88	0.81	0.92	0.93	0.97	0.97	0.95
65	0.76	0.75	0.76	0.73	0.72	0.74	0.76	0.74	0.76	0.72	0.73	0.72	0.71	0.71	0.73	0.74	0.80	0.84	0.88
70	0.70	0.70	0.70	0.70	0.69	0.70	0.70	0.70	0.71	0.71	0.71	0.70	0.69	0.71	0.71	0.71	0.71	0.71	0.71
75	0.70	0.70	0.70	0.70	0.69	0.70	0.70	0.70	0.70	0.70	0.71	0.69	0.69	0.70	0.70	0.70	0.70	0.70	0.70
80	0.71	0.70	0.71	0.71	0.70	0.70	0.70	0.70	0.71	0.71	0.70	0.70	0.69	0.71	0.71	0.71	0.70	0.71	0.71
85	0.58	0.58	0.58	0.59	0.57	0.57	0.59	0.57	0.59	0.58	0.56	0.57	0.60	0.59	0.59	0.60	0.59	0.61	0.60
90	0.48	0.49	0.49	0.49	0.46	0.45	0.44	0.46	0.46	0.46	0.45	0.45	0.55	0.56	0.57	0.58	0.57	0.57	0.59
95	0.38	0.39	0.39	0.39	0.38	0.37	0.37	0.37	0.38	0.38	0.36	0.36	0.57	0.58	0.59	0.59	0.57	0.57	0.57
100	0.37	0.35	0.38	0.40	0.36	0.39	0.40	0.36	0.38	0.38	0.32	0.37	0.66	0.63	0.63	0.64	0.62	0.65	0.64
105	0.49	0.46	0.47	0.48	0.46	0.50	0.48	0.44	0.44	0.42	0.38	0.43	0.69	0.65	0.65	0.65	0.64	0.67	0.68
110	0.48	0.48	0.49	0.50	0.48	0.49	0.49	0.48	0.48	0.47	0.46	0.47	0.62	0.62	0.62	0.62	0.61	0.61	0.61
115	0.52	0.52	0.53	0.54	0.53	0.52	0.52	0.52	0.52	0.52	0.51	0.51	0.63	0.63	0.63	0.63	0.63	0.62	0.62
120	0.57	0.57	0.58	0.58	0.57	0.57	0.57	0.56	0.57	0.56	0.56	0.56	0.67	0.67	0.67	0.68	0.67	0.67	0.66
125	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.68	0.67	0.67	0.67	0.77	0.78	0.77	0.77	0.76	0.76	0.75
130	0.88	0.88	0.90	0.90	0.91	0.90	0.91	0.91	0.92	0.91	0.92	0.90	0.98	0.99	0.98	0.98	0.96	0.96	0.95
135	1.19	1.19	1.20	1.20	1.22	1.21	1.23	1.22	1.23	1.22	1.23	1.22	1.26	1.27	1.25	1.26	1.24	1.24	1.23
140	1.45	1.45	1.45	1.45	1.46	1.46	1.47	1.46	1.47	1.46	1.47	1.46	1.49	1.49	1.48	1.49	1.48	1.48	1.47
145	1.59	1.59	1.59	1.59	1.60	1.59	1.60	1.59	1.60	1.59	1.60	1.59	1.63	1.63	1.62	1.62	1.62	1.62	1.61
150	1.67	1.67	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.68	1.67	1.71	1.71	1.70	1.71	1.70	1.70	1.70
155	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.74	1.76	1.77	1.76	1.76	1.76	1.76	1.76
160	1.79	1.79	1.79	1.79	1.79	1.79	1.80	1.79	1.80	1.79	1.80	1.79	1.81	1.81	1.80	1.80	1.80	1.80	1.80
165	1.83	1.83	1.83	1.83	1.83	1.83	1.84	1.83	1.84	1.83	1.84	1.83	1.84	1.84	1.83	1.83	1.83	1.83	1.83
170	1.83	1.83	1.82	1.83	1.82	1.83	1.82	1.82	1.82	1.82	1.82	1.82	1.83	1.83	1.83	1.83	1.83	1.83	1.83
175	1.70	1.71	1.69	1.70	1.69	1.69	1.68	1.68	1.68	1.68	1.68	1.69	1.71	1.70	1.71	1.71	1.71	1.71	1.72
180	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.63	1.63	1.63	1.64	1.62	1.62	1.62	1.62	1.62	1.62	1.62

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-08-31

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:0.0930A P:20.10W PF:0.9530 Lamp Flux:2154.19x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	1820	1820	1820	1820	1820														
5	1381	1414	1403	1422	1398														
10	536	560	554	574	558														
15	170	177	172	178	172														
20	97.2	99.4	97.6	99.8	96.7														
25	63.8	64.4	63.2	64.0	62.6														
30	39.6	40.1	39.4	39.8	38.8														
35	23.4	23.9	23.4	23.6	23.0														
40	14.8	15.0	14.8	14.9	14.6														
45	9.41	9.57	9.38	9.44	9.19														
50	5.31	5.44	5.29	5.44	5.25														
55	2.44	2.51	2.44	2.58	2.51														
60	0.88	0.96	0.94	0.97	0.94														
65	0.72	0.72	0.71	0.74	0.74														
70	0.69	0.68	0.69	0.68	0.68														
75	0.69	0.67	0.67	0.67	0.68														
80	0.69	0.67	0.67	0.68	0.68														
85	0.59	0.57	0.56	0.58	0.58														
90	0.58	0.56	0.54	0.58	0.56														
95	0.56	0.55	0.54	0.56	0.56														
100	0.61	0.59	0.58	0.58	0.59														
105	0.63	0.61	0.61	0.64	0.68														
110	0.60	0.59	0.59	0.60	0.61														
115	0.62	0.61	0.60	0.62	0.62														
120	0.66	0.65	0.65	0.65	0.67														
125	0.75	0.75	0.75	0.75	0.76														
130	0.95	0.94	0.95	0.94	0.95														
135	1.23	1.22	1.23	1.22	1.23														
140	1.47	1.47	1.47	1.46	1.47														
145	1.62	1.61	1.61	1.61	1.62														
150	1.70	1.70	1.70	1.70	1.70														
155	1.76	1.76	1.76	1.76	1.76														
160	1.80	1.80	1.80	1.80	1.80														
165	1.83	1.83	1.83	1.83	1.83														
170	1.83	1.84	1.83	1.84	1.84														
175	1.72	1.73	1.73	1.74	1.73														
180	1.62	1.63	1.63	1.63	1.64														

C Range: 0 - 360DEC  
C Interval: 15.0DEC  
Test Speed: HIGH  
Temperature:25.3DEC  
Operators:ZhangXiao  
Test Date:2016-08-31

γ Range: 0 - 180DEC  
γ Interval: 1.0DEC  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks: