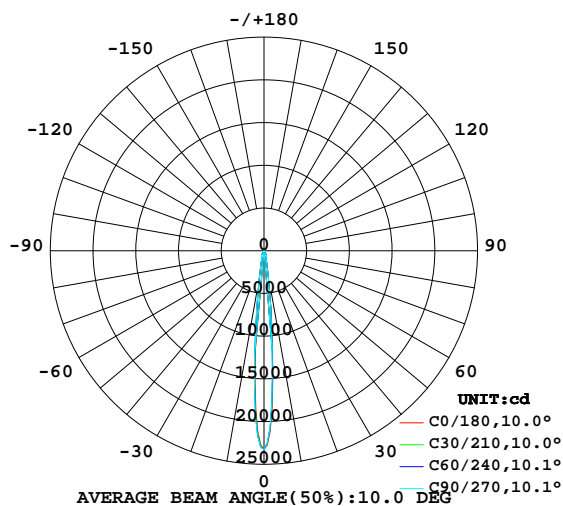


## LUMINAIRE PHOTOMETRIC TEST REPORT

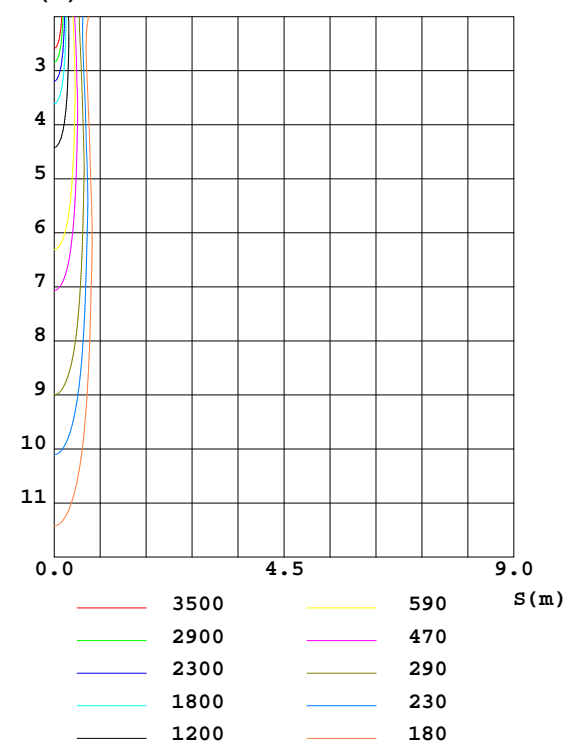
Test:U:226.5V I:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.66 lm/W			
MODEL	GL10-20W-940-W-10	Imax(cd)	23269	S/MH(C0/180)	0.17
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.17
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1684.8	$\eta$ UP,DN(C0-180)	1.2,47.7
NOMINAL FLUX(lm)	1684.76	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,49.7
LAMPS INSIDE	1	$\eta$ up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	$\eta$ 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:2016-09-06

$\gamma$  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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	272.7	283.6	260.4	272.5	284.2	289.8	311.4	274.8	0- 10	823.0	823.0	48.9,48.9
20	78.52	79.91	78.27	80.34	81.28	81.34	83.19	79.54	10- 20	351.1	1174	69.7,69.7
30	58.60	57.69	54.89	58.42	59.52	58.18	59.87	57.98	20- 30	318.9	1493	88.6,88.6
40	2.492	2.524	2.517	2.700	2.599	2.601	2.848	2.619	30- 40	111.6	1605	95.2,95.2
50	0.8639	0.8465	0.8612	0.8677	0.8604	0.8763	0.8664	0.7993	40- 50	10.66	1615	95.9,95.9
60	0.7892	0.7968	0.8023	0.8006	0.7902	0.7830	0.7892	0.7394	50- 60	7.124	1622	96.3,96.3
70	0.6525	0.6511	0.6552	0.6479	0.6425	0.6382	0.6495	0.6286	60- 70	7.411	1630	96.7,96.7
80	0.5517	0.5478	0.5374	0.5277	0.5263	0.5266	0.5351	0.5300	70- 80	6.122	1636	97.1,97.1
90	0.3384	0.3441	0.3370	0.3344	0.3991	0.4189	0.3965	0.3973	80- 90	5.141	1641	97.4,97.4
100	0.2071	0.2086	0.2076	0.2053	0.4063	0.4094	0.4061	0.4056	90-100	3.640	1645	97.6,97.6
110	0.3557	0.3546	0.3612	0.3578	0.4445	0.4448	0.4417	0.4447	100-110	3.687	1648	97.8,97.8
120	0.4185	0.4179	0.4233	0.4216	0.5107	0.5104	0.5068	0.5099	110-120	4.285	1653	98.1,98.1
130	0.6685	0.6700	0.6818	0.6710	0.7352	0.7333	0.7249	0.7338	120-130	4.923	1658	98.4,98.4
140	1.163	1.161	1.166	1.165	1.177	1.173	1.171	1.174	130-140	7.383	1665	98.8,98.8
150	1.322	1.324	1.322	1.361	1.346	1.344	1.376	1.344	140-150	7.968	1673	99.3,99.3
160	1.402	1.401	1.404	1.401	1.411	1.407	1.408	1.407	150-160	6.342	1679	99.7,99.7
170	1.450	1.449	1.450	1.452	1.457	1.453	1.455	1.454	160-170	4.066	1683	99.9,99.9
180	1.216	1.224	1.230	1.233	1.220	1.222	1.230	1.233	170-180	1.332	1685	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

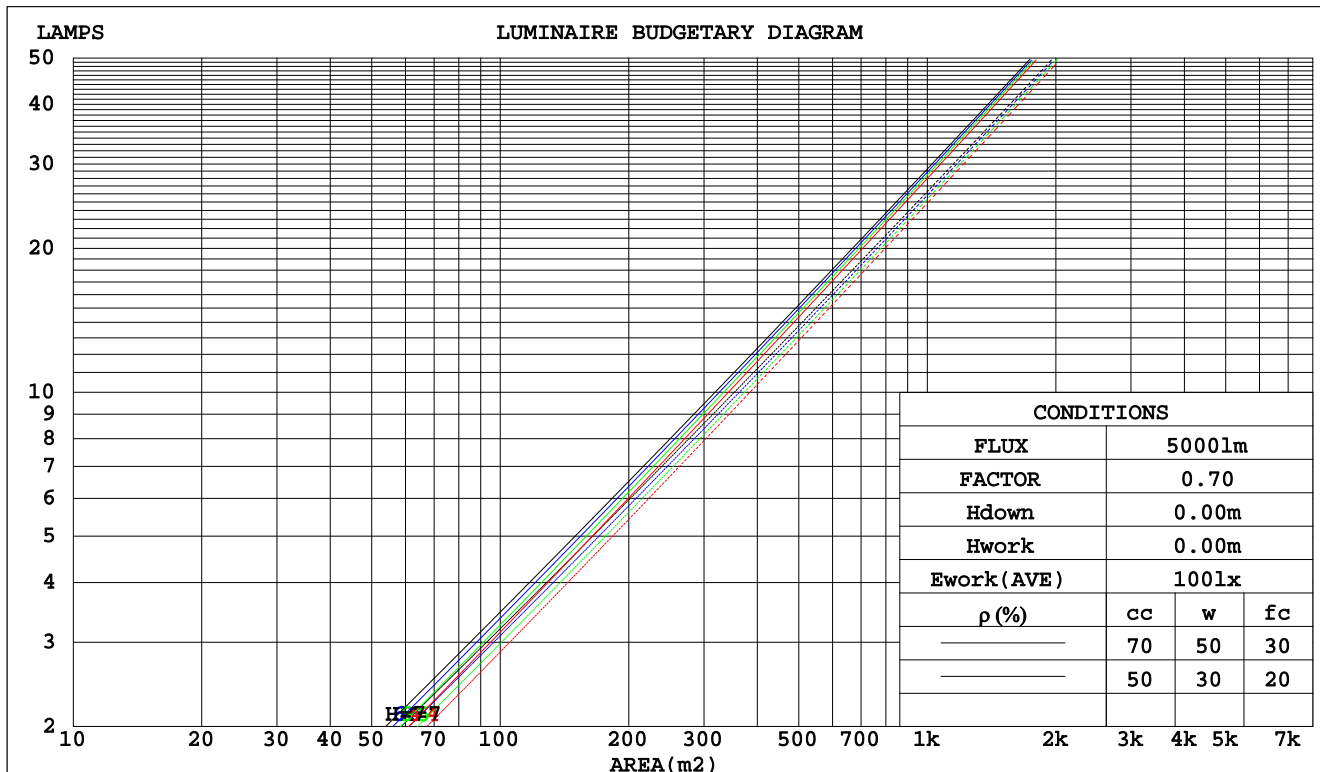
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 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	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	1.10	1.08	1.06	1.05	1.04	1.03	1.01	1.00	.99	.97	.97	.96	.94
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.01	.99	.97	.98	.96	.95	.95	.94	.92	.91
3.0	1.02	.98	.95	1.01	.97	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.88
4.0	.98	.94	.91	.97	.93	.90	.95	.91	.89	.92	.90	.88	.90	.88	.87	.85
5.0	.95	.90	.87	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.86	.84	.83
6.0	.91	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.86	.84	.82	.81
7.0	.89	.85	.82	.88	.84	.81	.87	.83	.81	.85	.82	.80	.84	.82	.80	.79
8.0	.86	.82	.79	.86	.82	.79	.84	.81	.79	.83	.80	.78	.82	.80	.78	.77
9.0	.84	.80	.77	.83	.80	.77	.82	.79	.77	.82	.79	.76	.81	.78	.76	.75
10.0	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.75	.79	.76	.74	.73



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm									
NAME:				TYPE:				WEIGHT:	
DIM.:				SPEC.:				SERIAL No.:	
MFR.: Rayconn				SUR.:				PROTECTION ANGLE:	

pcc	80%			70%			50%			30%			10%			0	
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p <sub>fc</sub>	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.142	.081	.026	.135	.077	.024	.121	.069	.022	.108	.062	.020	.096	.056	.018		
2.0	.130	.071	.022	.124	.068	.021	.113	.063	.019	.102	.057	.018	.092	.052	.016		
3.0	.121	.064	.019	.115	.062	.019	.106	.057	.017	.096	.053	.016	.088	.049	.015		
4.0	.112	.058	.017	.108	.056	.017	.099	.053	.016	.092	.049	.015	.084	.046	.014		
5.0	.105	.054	.016	.101	.052	.015	.094	.049	.014	.087	.046	.014	.081	.043	.013		
6.0	.099	.050	.014	.096	.048	.014	.089	.046	.013	.083	.043	.013	.078	.041	.012		
7.0	.093	.046	.013	.090	.045	.013	.085	.043	.012	.080	.041	.012	.075	.039	.011		
8.0	.088	.043	.012	.086	.042	.012	.081	.040	.012	.076	.039	.011	.072	.037	.011		
9.0	.084	.041	.011	.082	.040	.011	.077	.038	.011	.073	.037	.011	.069	.035	.010		
10.0	.080	.038	.011	.078	.038	.011	.074	.036	.010	.070	.035	.010	.067	.034	.010		

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	.189	.178	.168	.161	.152	.144	.110	.105	.100	.064	.061	.058	.020	.020	.019	
2.0	.171	.153	.138	.146	.131	.119	.100	.091	.083	.058	.053	.049	.019	.017	.016	
3.0	.156	.133	.116	.134	.115	.100	.092	.080	.070	.053	.047	.041	.017	.015	.014	
4.0	.143	.118	.099	.123	.102	.086	.085	.071	.061	.049	.042	.036	.016	.014	.012	
5.0	.133	.106	.086	.114	.092	.075	.079	.064	.053	.045	.038	.031	.015	.012	.010	
6.0	.124	.096	.076	.106	.083	.066	.073	.058	.047	.043	.034	.028	.014	.011	.009	
7.0	.116	.088	.068	.100	.076	.059	.069	.053	.042	.040	.031	.025	.013	.010	.008	
8.0	.109	.081	.062	.094	.070	.054	.065	.049	.038	.038	.029	.023	.012	.010	.008	
9.0	.104	.075	.056	.089	.065	.049	.062	.046	.035	.036	.027	.021	.012	.009	.007	
10.0	.098	.071	.052	.085	.061	.045	.059	.043	.032	.034	.025	.019	.011	.008	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 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	11.7	12.3	11.9	12.5	12.7	11.2	11.8	11.4	12.0	12.2
3H	11.9	12.5	12.2	12.7	12.9	11.5	12.1	11.7	12.3	12.5
4H	12.1	12.7	12.4	12.9	13.2	11.7	12.3	12.0	12.5	12.8
6H	12.5	13.0	12.8	13.3	13.6	12.1	12.7	12.4	12.9	13.2
8H	12.8	13.3	13.1	13.6	13.9	12.4	13.0	12.8	13.3	13.6
12H	13.2	13.7	13.6	14.0	14.3	12.9	13.4	13.2	13.7	14.0
4H 2H	11.6	12.1	11.9	12.4	12.6	11.1	11.7	11.4	11.9	12.2
3H	11.9	12.4	12.3	12.7	13.0	11.5	12.0	11.9	12.3	12.7
4H	12.3	12.8	12.7	13.1	13.4	11.9	12.4	12.3	12.7	13.1
6H	12.9	13.3	13.3	13.7	14.1	12.6	13.0	13.0	13.4	13.8
8H	13.4	13.8	13.8	14.2	14.6	13.1	13.5	13.5	13.9	14.3
12H	14.0	14.3	14.4	14.7	15.2	13.7	14.1	14.2	14.5	14.9
8H 4H	12.4	12.8	12.8	13.2	13.6	12.1	12.5	12.5	12.8	13.3
6H	13.3	13.6	13.8	14.0	14.5	13.0	13.3	13.5	13.8	14.2
8H	13.9	14.2	14.4	14.7	15.2	13.7	14.0	14.2	14.4	14.9
12H	14.8	15.0	15.3	15.5	16.0	14.6	14.9	15.1	15.3	15.9
12H 4H	12.4	12.8	12.9	13.2	13.6	12.1	12.5	12.6	12.9	13.3
6H	13.4	13.7	13.9	14.2	14.6	13.1	13.4	13.6	13.9	14.4
8H	14.2	14.4	14.7	14.9	15.4	13.9	14.2	14.4	14.7	15.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.3					+ 0.4 / - 0.3				
1.5H	+ 0.8 / - 0.2					+ 0.8 / - 0.2				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 1685 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:ZhangXiao  
Test Date:2016-09-06

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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

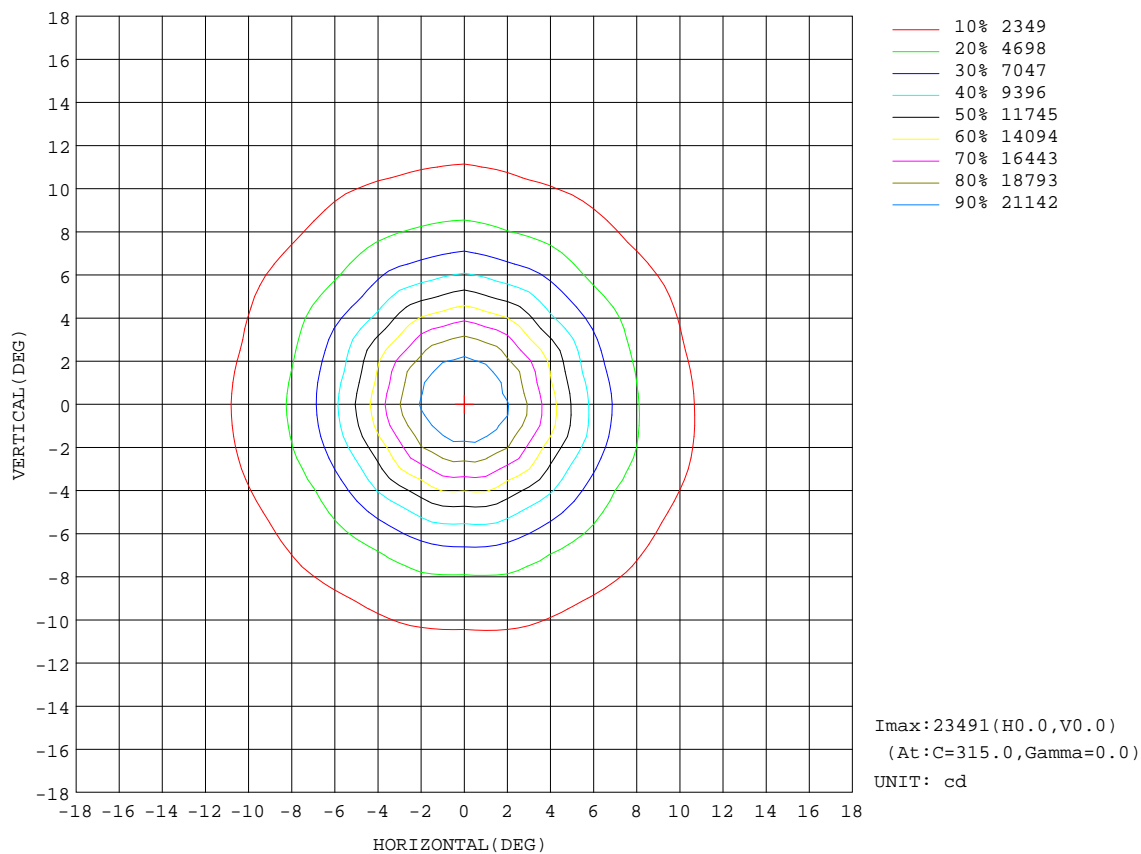
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	106	105	97
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:2016-09-06

$\gamma$  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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



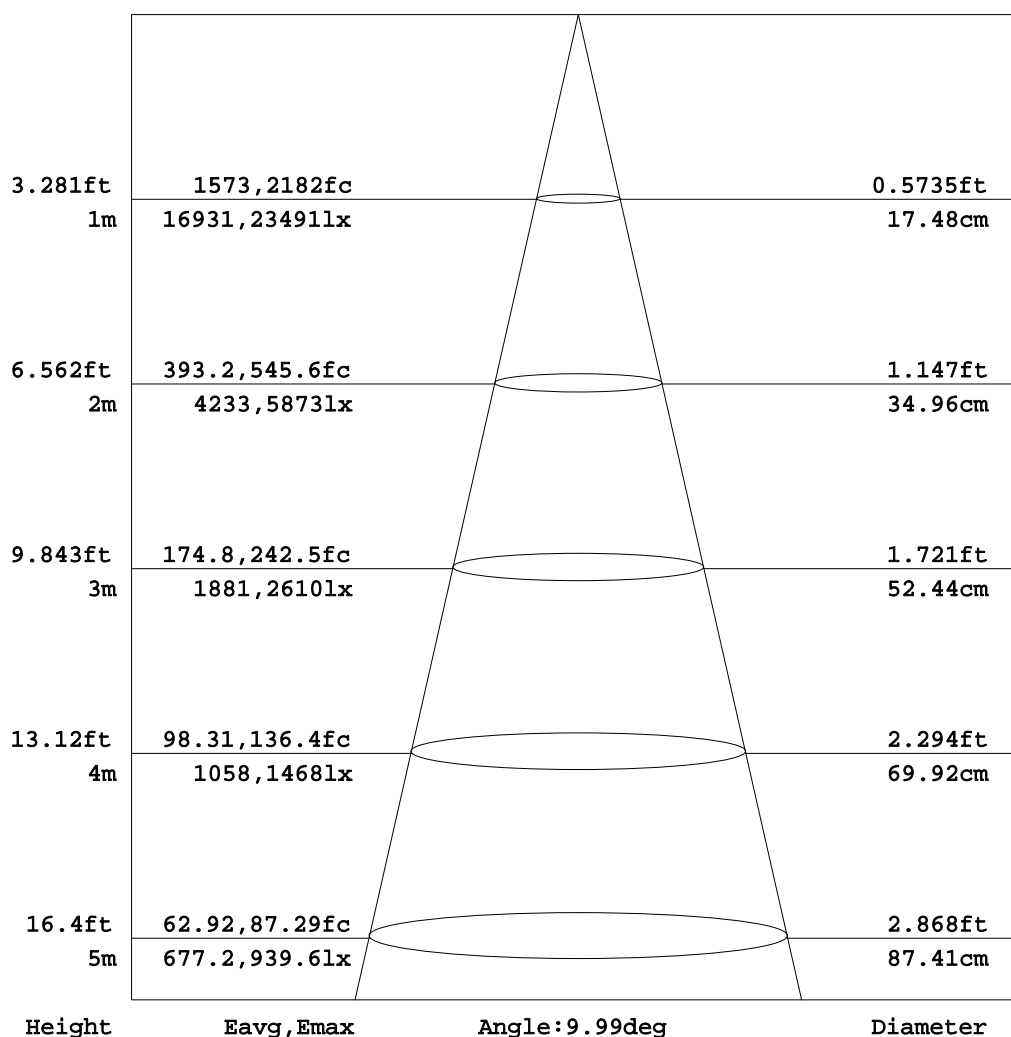
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: ZhangXiao  
 Test Date: 2016-09-06

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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:407.1 lm



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

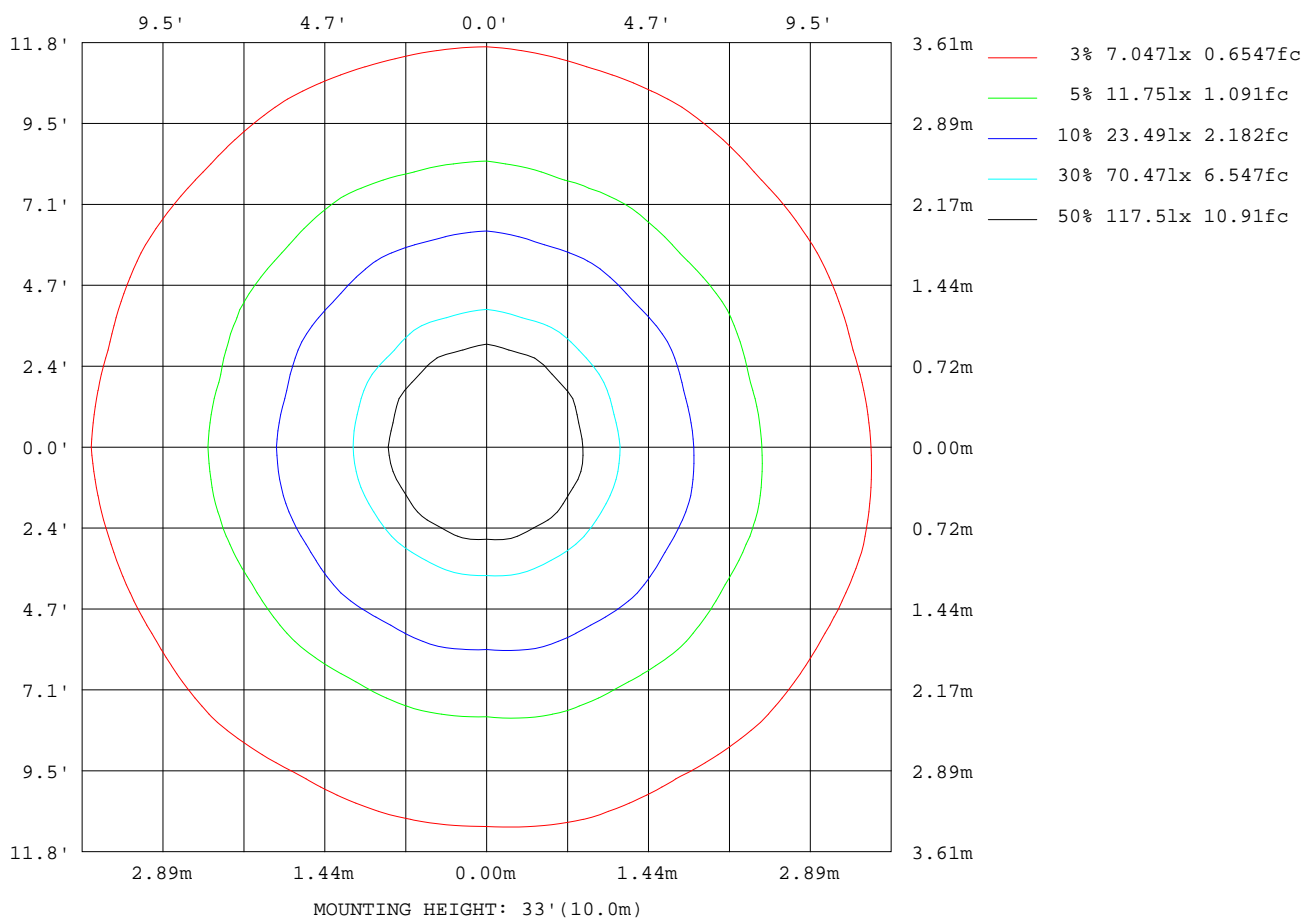
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-06

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

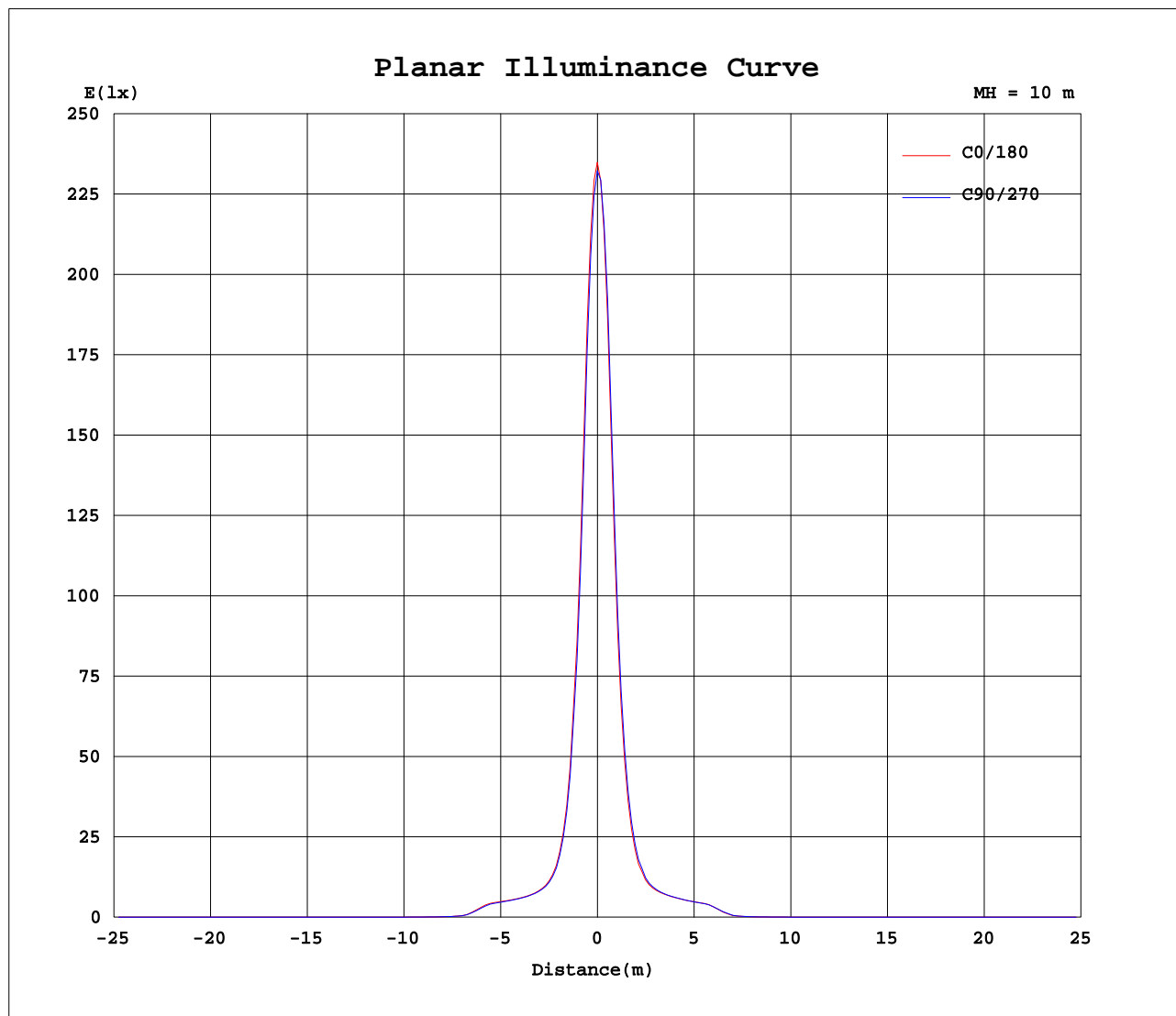
Test:U:226.5V I:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-06

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: 2016-09-06

$\gamma$  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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 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	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327	2327
5	1145	1172	1119	1151	1102	1130	1087	1123	1091	1141	1115	1171	1180	1145	1220	1184	1255	1207	1268
10	273	283	273	284	271	276	260	268	260	272	268	282	284	275	297	290	313	298	311
15	109	112	110	112	109	110	107	108	106	109	108	110	111	110	115	115	120	117	118
20	78.5	80.1	79.2	79.9	78.6	79.4	78.3	78.7	78.5	80.3	80.0	81.0	81.3	80.3	81.7	81.3	83.0	82.5	83.2
25	69.1	69.5	68.7	68.6	68.4	68.3	67.7	68.4	68.8	69.5	69.3	69.4	69.2	69.0	69.0	69.0	70.6	70.0	70.0
30	58.6	59.2	56.9	57.7	55.2	56.6	54.9	57.0	56.1	58.4	57.8	59.6	59.5	57.9	59.0	58.2	60.3	59.4	59.9
35	8.97	9.90	8.78	8.85	7.87	8.87	8.46	9.30	8.36	9.28	8.82	9.73	9.66	8.90	9.92	9.18	9.92	9.70	10.9
40	2.49	2.65	2.54	2.52	2.44	2.56	2.52	2.62	2.56	2.70	2.60	2.66	2.60	2.58	2.68	2.60	2.71	2.76	2.85
45	1.19	1.22	1.19	1.20	1.19	1.21	1.18	1.20	1.18	1.24	1.19	1.23	1.24	1.23	1.27	1.25	1.30	1.27	1.28
50	0.86	0.86	0.84	0.85	0.85	0.87	0.86	0.86	0.88	0.87	0.84	0.85	0.86	0.90	0.91	0.88	0.89	0.89	0.87
55	0.79	0.78	0.78	0.78	0.78	0.79	0.79	0.79	0.80	0.79	0.79	0.81	0.78	0.80	0.80	0.79	0.79	0.83	0.81
60	0.79	0.78	0.79	0.80	0.80	0.80	0.80	0.79	0.79	0.80	0.81	0.83	0.79	0.79	0.78	0.78	0.79	0.80	0.79
65	0.77	0.77	0.79	0.78	0.78	0.80	0.80	0.78	0.77	0.79	0.80	0.81	0.78	0.77	0.76	0.75	0.75	0.76	0.76
70	0.65	0.66	0.66	0.65	0.64	0.65	0.66	0.65	0.64	0.65	0.65	0.65	0.64	0.64	0.64	0.64	0.64	0.65	0.65
75	0.59	0.59	0.59	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.58	0.58
80	0.55	0.55	0.55	0.55	0.54	0.55	0.54	0.53	0.53	0.53	0.53	0.53	0.53	0.52	0.52	0.53	0.53	0.55	0.54
85	0.48	0.48	0.48	0.48	0.48	0.51	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.48	0.47	0.48	0.49	0.52	0.48
90	0.34	0.34	0.33	0.34	0.35	0.40	0.34	0.34	0.34	0.33	0.34	0.34	0.40	0.40	0.40	0.42	0.43	0.46	0.40
95	0.25	0.25	0.25	0.26	0.26	0.30	0.25	0.25	0.25	0.25	0.25	0.25	0.40	0.40	0.40	0.41	0.42	0.44	0.40
100	0.21	0.20	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.20	0.41	0.41	0.41	0.41	0.41	0.42	0.41
105	0.27	0.27	0.27	0.27	0.28	0.27	0.28	0.27	0.28	0.27	0.27	0.27	0.42	0.42	0.42	0.42	0.42	0.42	0.42
110	0.36	0.35	0.36	0.35	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.44	0.44	0.44	0.44	0.44	0.44	0.44
115	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.47	0.47	0.47	0.47	0.47	0.47	0.47
120	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.51	0.51	0.51	0.51	0.51	0.51	0.51
125	0.49	0.48	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.58	0.58	0.58	0.58	0.58	0.58	0.58
130	0.67	0.66	0.68	0.67	0.68	0.67	0.68	0.67	0.68	0.67	0.68	0.66	0.74	0.74	0.73	0.73	0.73	0.73	0.72
135	0.96	0.96	0.97	0.96	0.98	0.97	0.98	0.97	0.98	0.97	0.97	0.96	0.99	0.99	0.98	0.98	0.97	0.98	0.98
140	1.16	1.16	1.16	1.16	1.17	1.16	1.17	1.16	1.17	1.17	1.17	1.16	1.18	1.18	1.17	1.17	1.17	1.17	1.17
145	1.26	1.26	1.26	1.26	1.27	1.26	1.26	1.26	1.29	1.29	1.26	1.26	1.28	1.34	1.30	1.28	1.28	1.28	1.30
150	1.32	1.32	1.32	1.32	1.33	1.32	1.32	1.32	1.35	1.36	1.32	1.32	1.35	1.40	1.37	1.34	1.34	1.34	1.38
155	1.36	1.36	1.36	1.36	1.37	1.36	1.37	1.36	1.37	1.36	1.37	1.36	1.38	1.38	1.38	1.38	1.38	1.38	1.38
160	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.41	1.41	1.41	1.41	1.41	1.41	1.41
165	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44
170	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.46	1.45	1.46	1.45	1.45	1.45	1.45
175	1.35	1.35	1.34	1.35	1.34	1.35	1.34	1.35	1.35	1.35	1.35	1.36	1.37	1.37	1.38	1.37	1.38	1.38	1.38
180	1.22	1.22	1.22	1.22	1.23	1.23	1.23	1.23	1.23	1.23	1.24	1.24	1.22	1.22	1.22	1.22	1.23	1.23	1.23

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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:0.0920A P:19.90W PF:0.9490 Lamp Flux:1684.76x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	2327	2327	2327	2327	2327														
5	1202	1247	1174	1211	1136														
10	288	297	275	287	268														
15	113	113	109	111	108														
20	81.6	81.6	79.5	79.8	78.7														
25	69.4	69.5	68.8	69.0	67.5														
30	58.3	59.4	58.0	58.9	57.6														
35	10.3	10.7	9.44	9.75	8.89														
40	2.75	2.82	2.62	2.60	2.48														
45	1.22	1.26	1.19	1.19	1.16														
50	0.82	0.82	0.80	0.80	0.80														
55	0.77	0.74	0.73	0.72	0.73														
60	0.79	0.75	0.74	0.73	0.74														
65	0.75	0.74	0.73	0.72	0.73														
70	0.64	0.64	0.63	0.63	0.63														
75	0.58	0.57	0.57	0.57	0.57														
80	0.53	0.53	0.53	0.53	0.53														
85	0.48	0.48	0.48	0.48	0.48														
90	0.40	0.40	0.40	0.40	0.40														
95	0.40	0.40	0.40	0.40	0.40														
100	0.41	0.41	0.41	0.41	0.41														
105	0.42	0.42	0.42	0.42	0.42														
110	0.44	0.44	0.44	0.44	0.44														
115	0.47	0.47	0.47	0.47	0.47														
120	0.51	0.51	0.51	0.51	0.51														
125	0.58	0.58	0.58	0.58	0.58														
130	0.73	0.73	0.73	0.73	0.74														
135	0.98	0.98	0.99	0.98	0.99														
140	1.17	1.17	1.17	1.17	1.18														
145	1.28	1.28	1.28	1.28	1.29														
150	1.34	1.34	1.34	1.34	1.35														
155	1.38	1.38	1.38	1.38	1.38														
160	1.41	1.41	1.41	1.41	1.41														
165	1.44	1.44	1.44	1.44	1.44														
170	1.45	1.46	1.45	1.46	1.45														
175	1.38	1.38	1.38	1.38	1.38														
180	1.23	1.23	1.23	1.24	1.24														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-06

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: