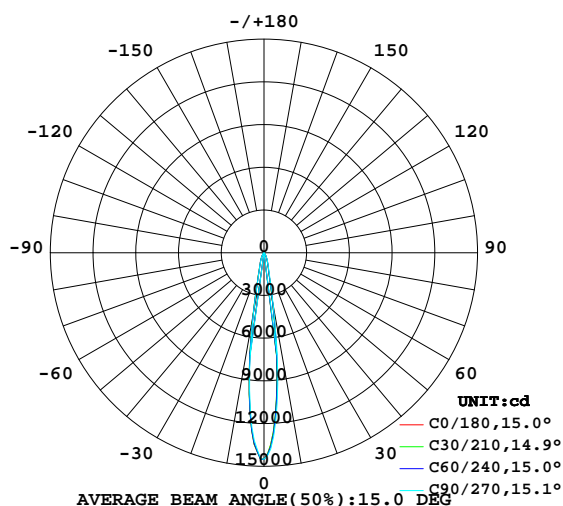


LUMINAIRE PHOTOMETRIC TEST REPORT

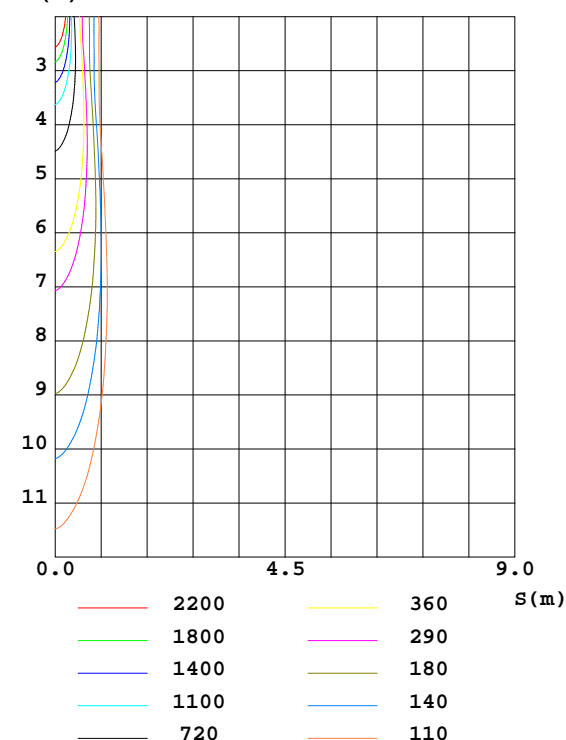
Test:U:226.6V I:0.0920A P:19.80W PF:0.9480 Lamp Flux:1710.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 86.37 lm/W			
MODEL	DL08-20W-940-W-15-02	Imax(cd)	14500	S/MH(C0/180)	0.24
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1710.1	η UP,DN(C0-180)	1.2,48.4
NOMINAL FLUX(lm)	1710.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.0
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	347.9	358.8	379.6	423.2	444.0	418.9	420.6	371.1	0- 10	795.5	795.5	46.5,46.5
20	73.52	76.61	78.68	81.11	80.51	77.54	76.73	73.08	10- 20	427.0	1223	71.5,71.5
30	29.14	30.63	31.71	32.86	32.14	30.72	30.67	29.22	20- 30	231.0	1454	85,85
40	10.96	11.54	12.09	12.28	11.97	11.52	11.32	10.91	30- 40	119.5	1573	92,92
50	3.802	3.998	4.068	4.307	4.244	4.180	4.074	3.826	40- 50	57.08	1630	95.3,95.3
60	0.7881	0.7267	0.7809	0.7060	0.7282	0.6673	0.7380	0.6794	50- 60	17.86	1648	96.4,96.4
70	0.5478	0.5644	0.5510	0.5541	0.5295	0.5476	0.5322	0.5532	60- 70	6.189	1654	96.7,96.7
80	0.5410	0.5526	0.5430	0.5485	0.5106	0.5438	0.5325	0.5427	70- 80	5.757	1660	97.1,97.1
90	0.3628	0.3465	0.3580	0.3788	0.4124	0.4367	0.4339	0.4168	80- 90	5.269	1665	97.4,97.4
100	0.2642	0.3019	0.2621	0.2983	0.4284	0.4922	0.4552	0.4842	90-100	4.087	1669	97.6,97.6
110	0.3594	0.3614	0.3634	0.3522	0.4639	0.4893	0.4736	0.4881	100-110	4.326	1674	97.9,97.9
120	0.4339	0.4347	0.4403	0.4281	0.5163	0.5197	0.5249	0.5221	110-120	4.411	1678	98.1,98.1
130	0.7149	0.7074	0.7084	0.6800	0.7414	0.7486	0.7557	0.7714	120-130	5.117	1683	98.4,98.4
140	1.157	1.149	1.144	1.130	1.151	1.157	1.161	1.173	130-140	7.335	1690	98.9,98.9
150	1.324	1.317	1.317	1.310	1.336	1.340	1.340	1.345	140-150	7.866	1698	99.3,99.3
160	1.415	1.411	1.413	1.407	1.417	1.418	1.418	1.420	150-160	6.353	1705	99.7,99.7
170	1.434	1.436	1.439	1.442	1.447	1.448	1.446	1.442	160-170	4.073	1709	99.9,99.9
180	1.281	1.289	1.297	1.295	1.281	1.289	1.297	1.295	170-180	1.323	1710	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

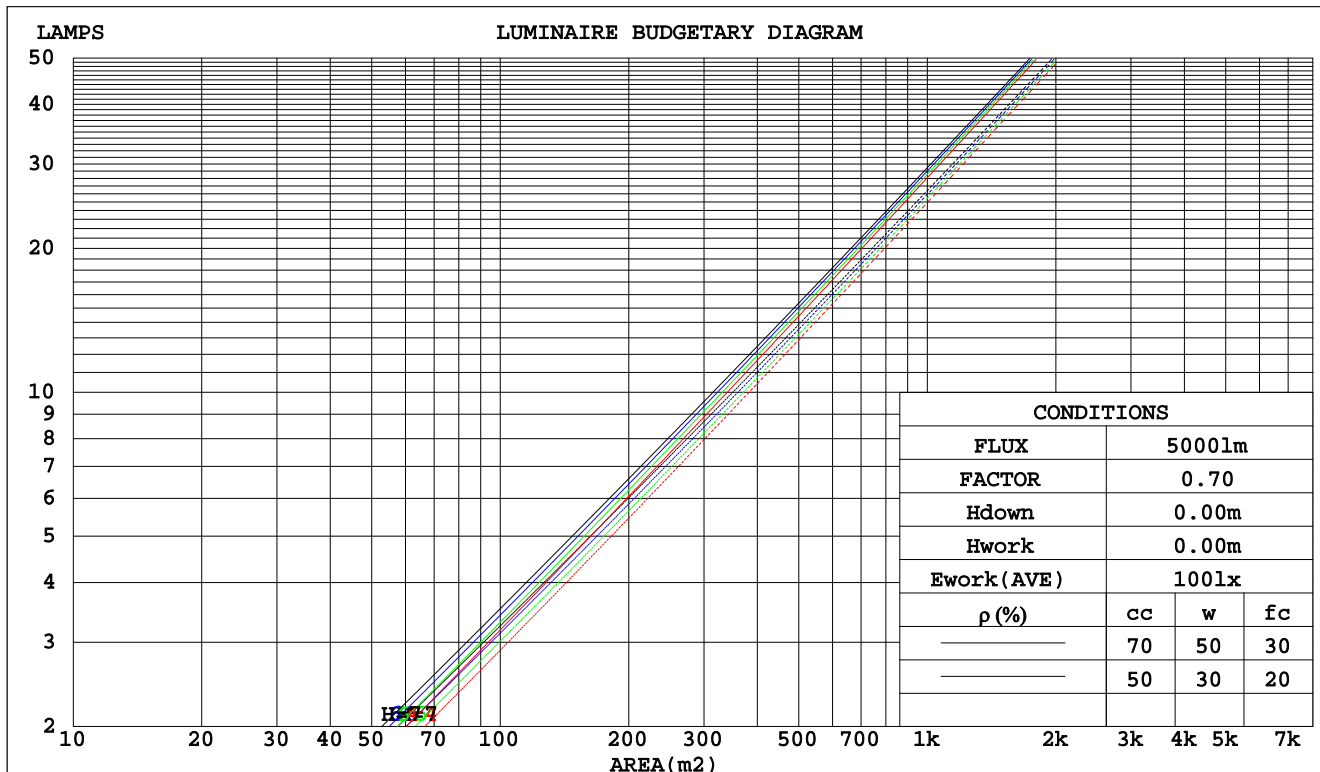
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-13

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:0.9480 Lamp Flux:1710.1x1 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	1.09	1.08	1.06	1.05	1.04	1.02	1.01	.00	.99	.97	.96	.96	.94
2.0	1.06	1.03	1.00	1.04	1.02	.99	1.01	.99	.97	.98	.96	.94	.94	.93	.92	.90
3.0	1.01	.98	.95	.00	.96	.94	.97	.94	.92	.94	.92	.90	.92	.90	.89	.87
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.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	.85	.82	.86	.84	.81	.85	.83	.81	.79
7.0	.88	.83	.80	.87	.83	.80	.86	.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	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.79	.77	.75	.74
10.0	.81	.77	.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: 2016-09-13

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:0.9480 Lamp Flux:1710.1x1 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	.145	.083	.026	.138	.079	.025	.124	.071	.023	.111	.064	.021	.100	.058	.019		
2.0	.134	.074	.023	.128	.070	.022	.116	.065	.020	.106	.059	.019	.096	.054	.017		
3.0	.124	.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	.097	.051	.015	.091	.048	.014	.084	.045	.014		
6.0	.102	.051	.015	.099	.050	.014	.092	.047	.014	.086	.045	.013	.081	.043	.013		
7.0	.096	.048	.014	.094	.047	.013	.088	.044	.013	.083	.042	.012	.078	.040	.012		
8.0	.091	.045	.013	.089	.044	.012	.084	.042	.012	.079	.040	.012	.075	.038	.011		
9.0	.087	.042	.012	.084	.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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023		
1.0	.189	.178	.168	.162	.153	.144	.111	.105	.100	.064	.061	.058	.020	.020	.019		
2.0	.172	.153	.137	.147	.132	.119	.101	.091	.083	.058	.053	.049	.019	.017	.016		
3.0	.157	.134	.115	.134	.115	.100	.092	.080	.070	.053	.047	.041	.017	.015	.014		
4.0	.145	.119	.099	.124	.102	.086	.085	.071	.060	.049	.042	.036	.016	.014	.012		
5.0	.134	.106	.086	.115	.092	.075	.079	.064	.053	.046	.038	.031	.015	.012	.010		
6.0	.125	.096	.076	.108	.084	.066	.074	.058	.047	.043	.034	.028	.014	.011	.009		
7.0	.117	.088	.068	.101	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008		
8.0	.111	.082	.061	.095	.071	.054	.066	.050	.038	.038	.029	.023	.012	.010	.007		
9.0	.105	.076	.056	.090	.066	.049	.063	.046	.035	.036	.027	.021	.012	.009	.007		
10.0	.100	.071	.052	.086	.062	.045	.060	.043	.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:2016-09-13

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:0.9480 Lamp Flux:1710.1x1 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	15.5	16.2	15.8	16.4	16.6	15.9	16.5	16.1	16.7	16.9	
	3H	15.5	16.1	15.8	16.4	16.6	15.8	16.5	16.1	16.7	16.9
	4H	15.6	16.2	15.9	16.4	16.7	15.9	16.5	16.2	16.7	17.0
	6H	15.8	16.4	16.2	16.7	16.9	16.1	16.7	16.4	16.9	17.2
	8H	16.0	16.6	16.4	16.9	17.2	16.3	16.8	16.6	17.1	17.4
	12H	16.3	16.8	16.6	17.1	17.4	16.5	17.0	16.9	17.3	17.6
4H	2H	15.4	15.9	15.7	16.2	16.5	15.7	16.3	16.0	16.5	16.8
	3H	15.4	15.9	15.8	16.2	16.6	15.7	16.2	16.1	16.6	16.9
	4H	15.6	16.1	16.0	16.4	16.8	15.9	16.4	16.3	16.7	17.0
	6H	16.0	16.4	16.4	16.8	17.2	16.3	16.7	16.7	17.0	17.4
	8H	16.4	16.8	16.8	17.2	17.6	16.6	17.0	17.0	17.4	17.8
	12H	16.7	17.1	17.2	17.5	18.0	16.9	17.3	17.4	17.7	18.2
8H	4H	15.6	16.0	16.1	16.4	16.8	15.9	16.3	16.3	16.7	17.1
	6H	16.3	16.6	16.7	17.0	17.5	16.5	16.8	16.9	17.2	17.7
	8H	16.8	17.1	17.3	17.5	18.0	17.0	17.2	17.4	17.7	18.2
	12H	17.3	17.6	17.9	18.1	18.6	17.5	17.7	18.0	18.2	18.8
12H	4H	15.6	16.0	16.1	16.4	16.8	15.9	16.3	16.3	16.7	17.1
	6H	16.3	16.6	16.8	17.1	17.6	16.5	16.8	17.0	17.3	17.8
	8H	16.9	17.2	17.4	17.7	18.2	17.1	17.4	17.6	17.8	18.4
Variations with the observer position at spacings:											
S = 1.0H	+ 1.3 / - 2.0					+ 1.4 / - 2.1					
1.5H	+ 2.1 / - 2.1					+ 2.4 / - 2.3					
2.0H	+ 2.9 / - 1.4					+ 3.1 / - 1.5					

CIE Pub.117 Corrected 1710 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:0.9480 Lamp Flux:1710.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

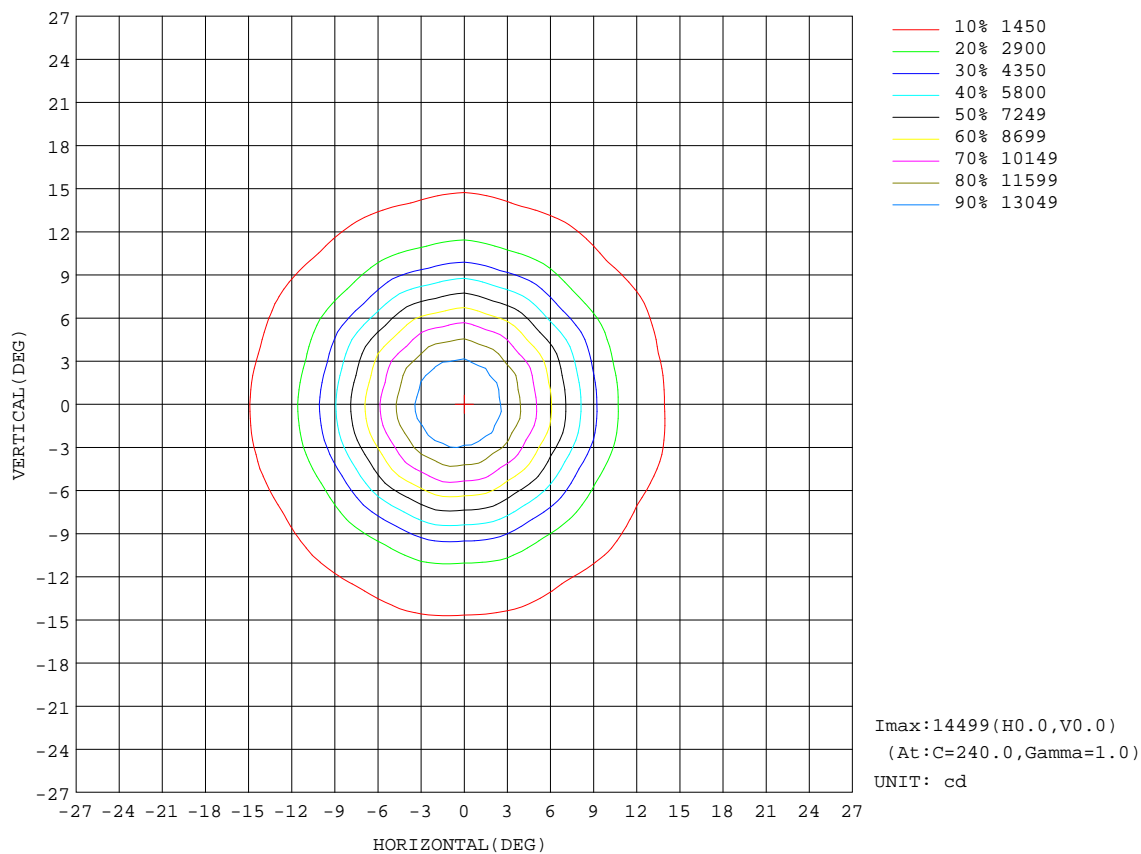
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	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	104	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	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	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:0.9480 Lamp Flux:1710.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



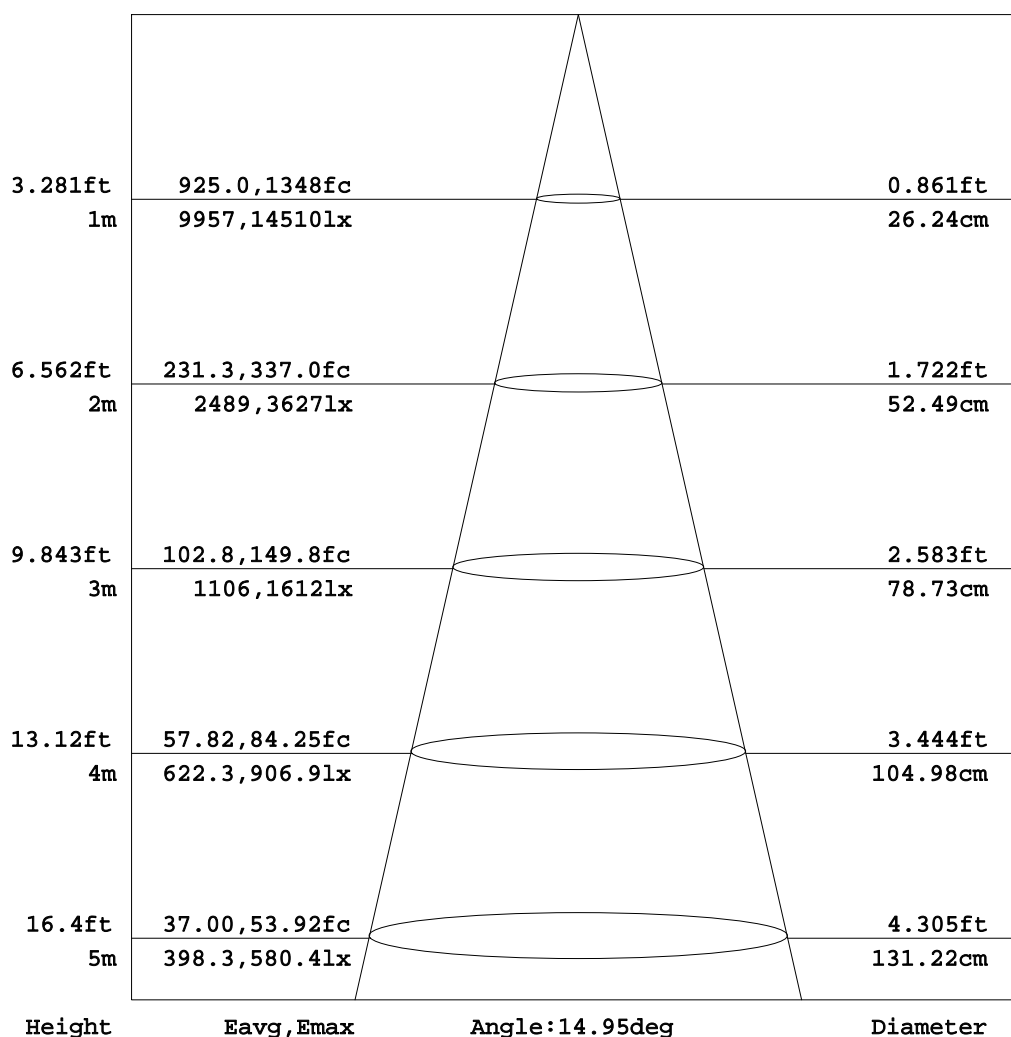
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-13

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:0.9480 Lamp Flux:1710.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:617.9 lm



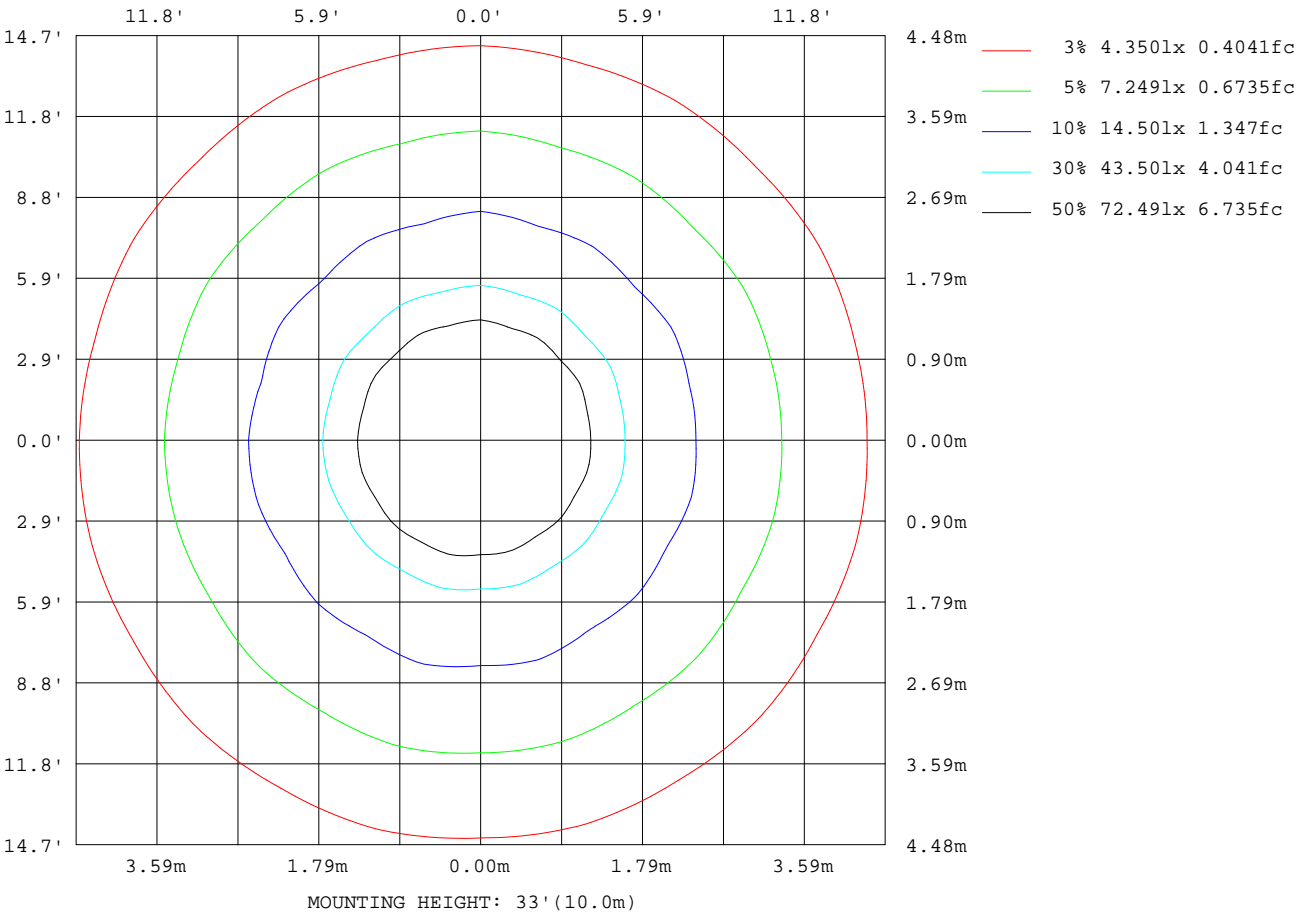
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

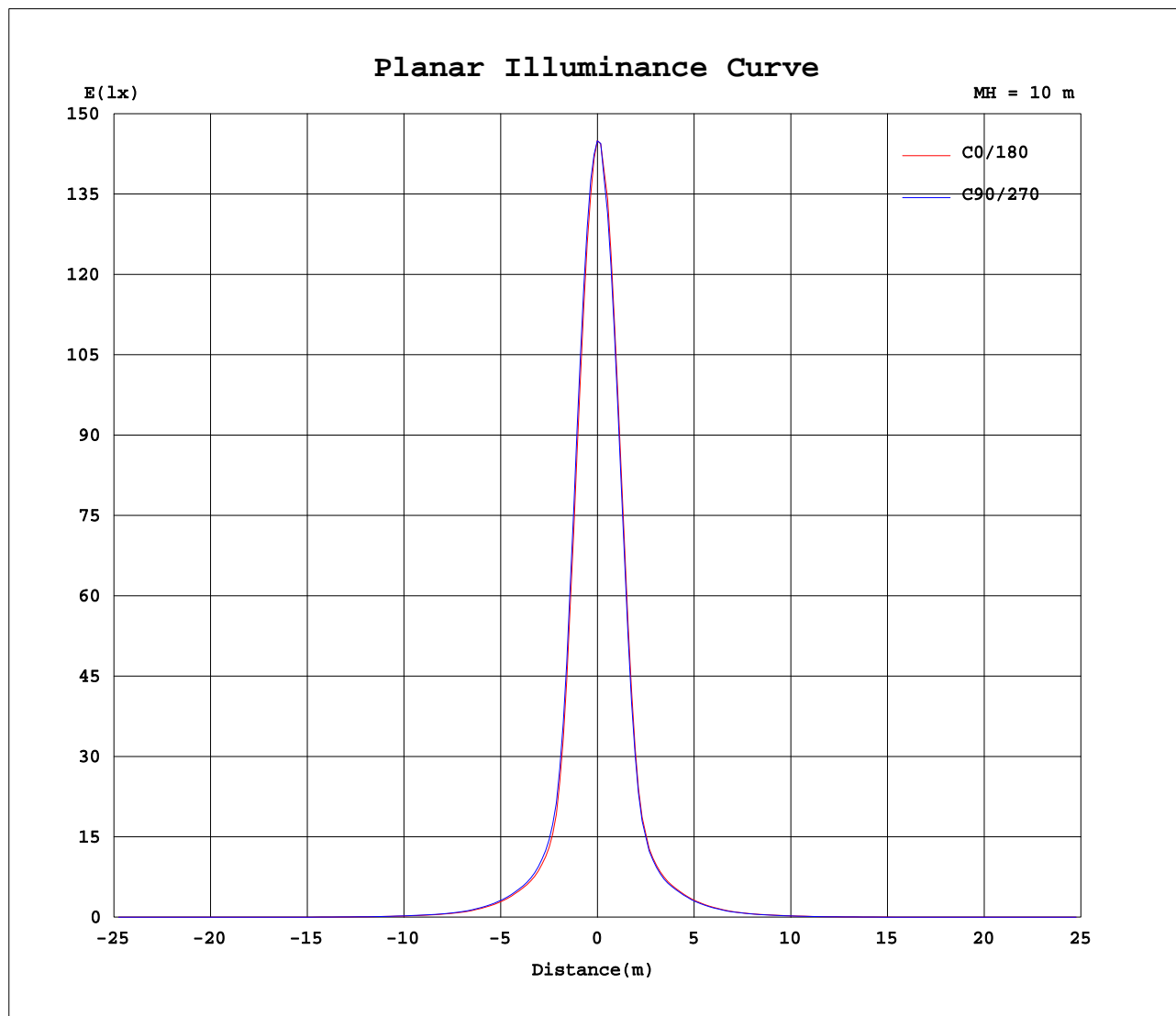
Test:U:226.6V I:0.0920A P:19.80W PF:0.9480 Lamp Flux:1710.1x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.9480 Lamp Flux:1710.1x1 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	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
5	1019	1030	1009	1034	1026	1063	1061	1097	1088	1116	1103	1130	1128	1107	1133	1105	1127	1093	1106
10	348	355	340	359	354	382	380	405	399	423	414	438	444	426	450	419	438	407	421
15	125	127	125	129	129	137	138	143	138	141	137	142	142	138	141	135	137	133	137
20	73.5	74.8	74.2	76.6	76.3	78.9	78.7	81.1	79.6	81.1	79.1	80.4	80.5	79.0	80.3	77.5	78.4	75.8	76.7
25	46.9	47.9	47.6	49.1	49.2	50.8	50.7	52.2	51.7	52.6	51.7	52.2	51.6	50.7	51.5	49.9	50.9	49.5	50.0
30	29.1	29.7	29.6	30.6	30.7	31.7	31.7	32.6	32.2	32.9	32.1	32.5	32.1	31.3	31.5	30.7	31.1	30.3	30.7
35	17.3	17.7	17.6	18.3	18.3	18.9	19.0	19.5	19.1	19.5	19.1	19.3	19.1	18.6	18.6	18.2	18.3	17.8	18.0
40	11.0	11.2	11.2	11.5	11.7	12.1	12.1	12.4	12.2	12.3	12.1	12.2	12.0	11.8	11.8	11.5	11.6	11.3	11.3
45	6.90	7.07	7.04	7.23	7.31	7.57	7.51	7.73	7.64	7.72	7.62	7.68	7.59	7.43	7.52	7.32	7.43	7.19	7.17
50	3.80	3.90	3.88	4.00	4.06	4.15	4.07	4.20	4.19	4.31	4.28	4.34	4.24	4.19	4.30	4.18	4.29	4.10	4.07
55	1.71	1.78	1.75	1.80	1.85	1.89	1.82	1.92	1.91	1.99	2.00	2.03	1.93	1.92	1.98	1.91	2.00	1.87	1.86
60	0.79	0.79	0.76	0.73	0.78	0.77	0.78	0.76	0.74	0.71	0.78	0.75	0.73	0.71	0.70	0.67	0.75	0.73	0.74
65	0.65	0.68	0.69	0.60	0.60	0.59	0.61	0.62	0.61	0.60	0.63	0.60	0.58	0.60	0.63	0.60	0.66	0.59	0.55
70	0.55	0.56	0.57	0.56	0.57	0.56	0.55	0.55	0.56	0.55	0.56	0.55	0.53	0.54	0.53	0.55	0.55	0.55	0.53
75	0.54	0.55	0.56	0.56	0.56	0.55	0.54	0.54	0.55	0.55	0.55	0.54	0.51	0.53	0.52	0.54	0.55	0.54	0.53
80	0.54	0.55	0.56	0.55	0.56	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.51	0.53	0.53	0.54	0.55	0.55	0.53
85	0.43	0.45	0.45	0.44	0.45	0.43	0.43	0.44	0.44	0.45	0.45	0.45	0.43	0.45	0.45	0.46	0.48	0.47	0.44
90	0.36	0.35	0.34	0.35	0.34	0.36	0.36	0.37	0.36	0.38	0.38	0.39	0.41	0.43	0.44	0.44	0.45	0.44	0.43
95	0.29	0.28	0.28	0.28	0.29	0.28	0.29	0.30	0.29	0.29	0.29	0.29	0.43	0.43	0.43	0.44	0.44	0.44	0.44
100	0.26	0.29	0.30	0.30	0.31	0.28	0.26	0.28	0.29	0.30	0.30	0.28	0.43	0.46	0.48	0.49	0.50	0.49	0.46
105	0.31	0.32	0.33	0.33	0.33	0.31	0.30	0.32	0.32	0.31	0.32	0.31	0.45	0.46	0.52	0.54	0.55	0.51	0.47
110	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.35	0.36	0.36	0.46	0.46	0.48	0.49	0.50	0.49	0.47
115	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.39	0.39	0.40	0.48	0.48	0.49	0.49	0.49	0.49	0.49
120	0.43	0.43	0.44	0.43	0.44	0.43	0.44	0.43	0.43	0.43	0.43	0.43	0.52	0.51	0.52	0.52	0.52	0.53	0.52
125	0.52	0.52	0.53	0.52	0.52	0.52	0.52	0.51	0.51	0.50	0.51	0.50	0.59	0.59	0.59	0.59	0.59	0.60	0.60
130	0.71	0.71	0.72	0.71	0.71	0.70	0.71	0.69	0.69	0.68	0.68	0.68	0.74	0.74	0.74	0.75	0.75	0.76	0.76
135	0.96	0.96	0.97	0.95	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.96	0.96	0.96	0.97	0.96	0.97	0.97
140	1.16	1.15	1.16	1.15	1.15	1.14	1.14	1.14	1.14	1.13	1.13	1.13	1.15	1.16	1.15	1.16	1.16	1.16	1.16
145	1.26	1.26	1.26	1.25	1.26	1.25	1.25	1.25	1.25	1.24	1.25	1.24	1.27	1.27	1.27	1.27	1.27	1.28	1.27
150	1.32	1.32	1.32	1.32	1.32	1.31	1.32	1.31	1.31	1.31	1.31	1.31	1.34	1.34	1.34	1.34	1.34	1.34	1.34
155	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.36	1.37	1.36	1.37	1.36	1.38	1.38	1.38	1.39	1.38	1.39	1.39
160	1.42	1.41	1.42	1.41	1.42	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.42	1.42	1.42	1.42	1.42	1.42	1.42
165	1.45	1.44	1.45	1.44	1.45	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	1.43	1.43	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.44	1.45	1.45	1.45	1.45	1.45	1.45	1.45
175	1.32	1.33	1.33	1.33	1.33	1.34	1.34	1.34	1.35	1.35	1.35	1.35	1.36	1.36	1.37	1.37	1.37	1.37	1.37
180	1.28	1.28	1.29	1.29	1.29	1.29	1.30	1.30	1.30	1.30	1.29	1.29	1.28	1.28	1.29	1.29	1.29	1.29	1.30

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:0.9480 Lamp Flux:1710.1x1 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	1450	1450	1450	1450	1450														
5	1066	1077	1036	1050	1014														
10	391	401	371	382	351														
15	130	130	125	129	126														
20	73.9	74.8	73.1	74.9	73.6														
25	48.4	49.0	47.7	48.1	46.9														
30	29.8	30.1	29.2	29.6	29.0														
35	17.5	17.5	17.2	17.3	17.1														
40	11.1	11.1	10.9	11.0	10.9														
45	7.00	7.02	6.84	6.99	6.85														
50	3.96	3.96	3.83	3.93	3.80														
55	1.80	1.81	1.70	1.80	1.70														
60	0.74	0.72	0.68	0.75	0.75														
65	0.58	0.57	0.57	0.58	0.60														
70	0.54	0.55	0.55	0.54	0.53														
75	0.53	0.54	0.54	0.54	0.52														
80	0.54	0.54	0.54	0.54	0.52														
85	0.47	0.46	0.48	0.47	0.43														
90	0.44	0.42	0.42	0.42	0.41														
95	0.43	0.44	0.44	0.44	0.42														
100	0.46	0.48	0.48	0.48	0.44														
105	0.54	0.54	0.54	0.53	0.47														
110	0.50	0.46	0.49	0.48	0.46														
115	0.50	0.49	0.49	0.49	0.48														
120	0.53	0.53	0.52	0.52	0.52														
125	0.61	0.60	0.60	0.60	0.60														
130	0.77	0.76	0.77	0.76	0.77														
135	0.98	0.98	0.99	0.99	1.00														
140	1.17	1.17	1.17	1.17	1.18														
145	1.28	1.28	1.28	1.28	1.28														
150	1.34	1.34	1.34	1.34	1.35														
155	1.39	1.39	1.39	1.39	1.39														
160	1.42	1.42	1.42	1.42	1.42														
165	1.44	1.44	1.44	1.44	1.44														
170	1.44	1.44	1.44	1.44	1.44														
175	1.36	1.36	1.35	1.35	1.35														
180	1.30	1.30	1.30	1.29	1.29														

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: