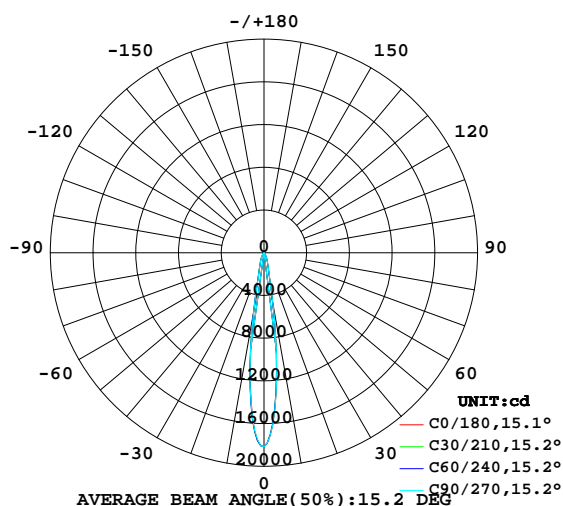


LUMINAIRE PHOTOMETRIC TEST REPORT

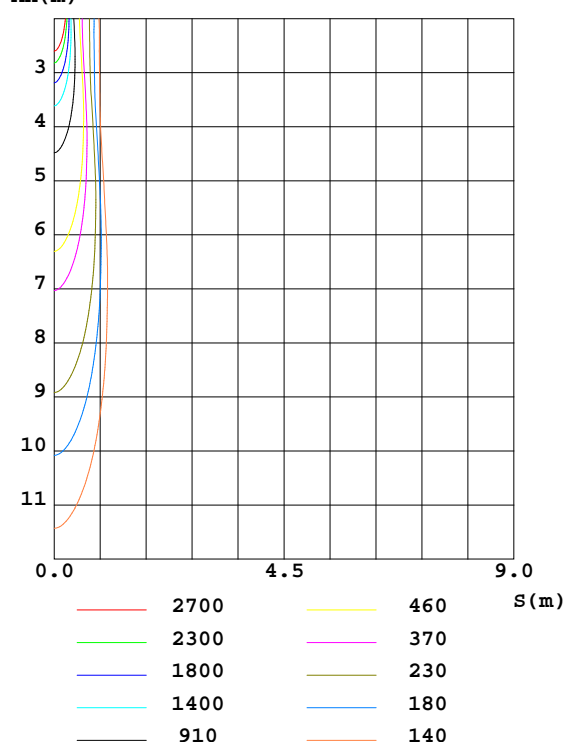
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.04 lm/W			
MODEL	DL08-20W-840-W-15-02	Imax(cd)	18162	S/MH(C0/180)	0.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.25
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2211.8	η UP,DN(C0-180)	1.3,47.5
NOMINAL FLUX(lm)	2211.79	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,49.8
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.6	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	lum, lamp
10	473.0	480.5	467.0	514.4	546.4	558.7	556.8	492.1	0- 10	1007	1007	45.5,45.5
20	99.21	98.93	97.55	101.5	106.3	103.1	103.9	99.67	10- 20	554.2	1561	70.6,70.6
30	40.56	40.20	39.26	40.99	43.05	42.83	42.34	40.73	20- 30	304.2	1865	84.3,84.3
40	15.80	15.41	15.08	15.70	16.45	16.29	16.27	15.80	30- 40	161.5	2027	91.6,91.6
50	5.499	5.440	5.245	5.709	5.876	5.870	5.773	5.546	40- 50	78.23	2105	95.2,95.2
60	1.035	1.054	1.011	1.004	0.9491	0.9978	0.9527	1.035	50- 60	24.37	2129	96.3,96.3
70	0.7556	0.7348	0.7299	0.7254	0.7367	0.7353	0.7216	0.7370	60- 70	8.278	2137	96.6,96.6
80	0.7453	0.7326	0.7270	0.7268	0.7334	0.7359	0.7061	0.7281	70- 80	7.714	2145	97,97
90	0.4952	0.4652	0.4790	0.4761	0.5895	0.5801	0.5672	0.5630	80- 90	7.173	2152	97.3,97.3
100	0.4181	0.4363	0.4059	0.4252	0.6564	0.6737	0.6270	0.6622	90-100	5.580	2158	97.6,97.6
110	0.5205	0.5162	0.4976	0.5013	0.6430	0.6399	0.6297	0.6473	100-110	6.005	2164	97.8,97.8
120	0.6021	0.5927	0.5930	0.5880	0.6988	0.6885	0.6834	0.6884	110-120	5.945	2170	98.1,98.1
130	0.9475	0.9407	0.9458	0.9182	0.9906	0.9833	0.9719	0.9978	120-130	6.818	2177	98.4,98.4
140	1.500	1.498	1.500	1.482	1.508	1.503	1.500	1.515	130-140	9.598	2186	98.8,98.8
150	1.719	1.718	1.718	1.710	1.742	1.739	1.736	1.742	140-150	10.23	2197	99.3,99.3
160	1.839	1.839	1.839	1.833	1.847	1.842	1.842	1.844	150-160	8.259	2205	99.7,99.7
170	1.863	1.866	1.867	1.871	1.883	1.878	1.880	1.878	160-170	5.295	2210	99.9,99.9
180	1.669	1.679	1.684	1.687	1.673	1.676	1.686	1.686	170-180	1.719	2212	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

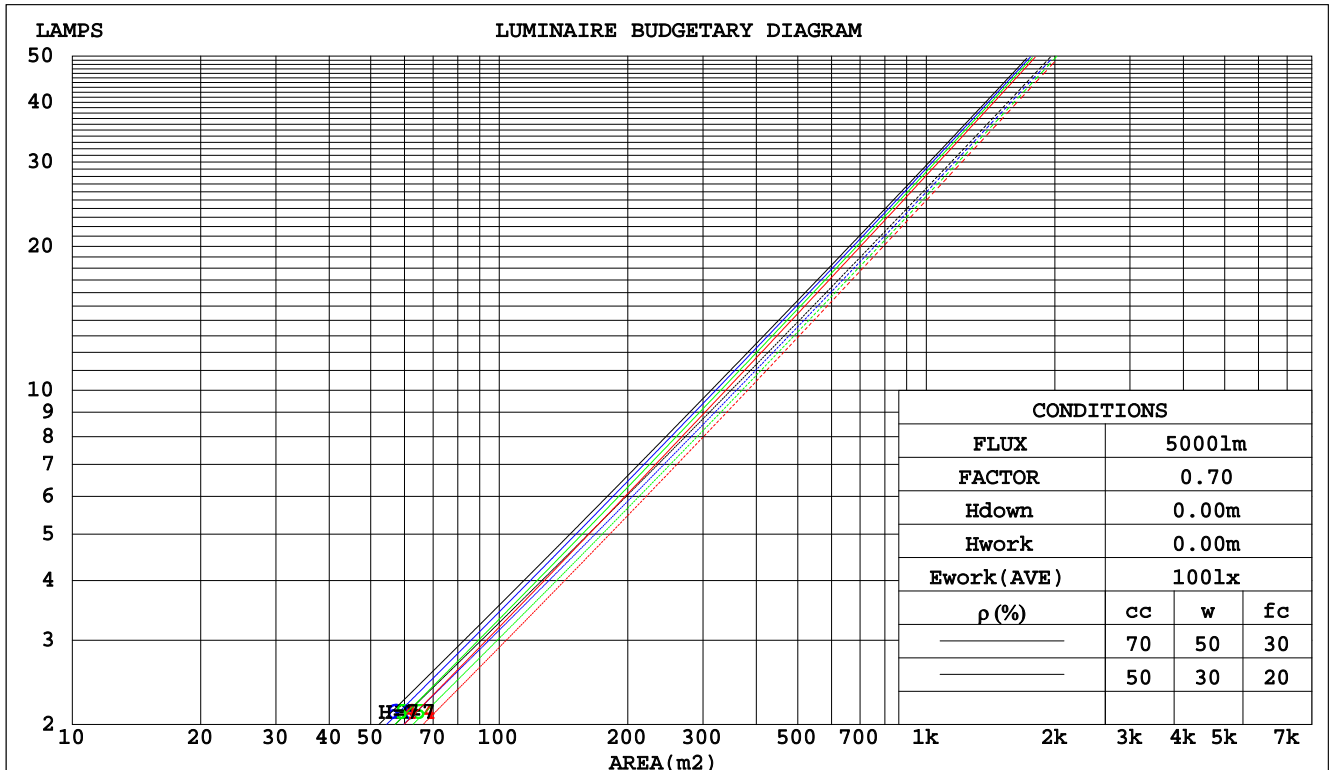
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.9520 Lamp Flux:2211.79x1 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	1.03	1.02	1.01	.00	.99	.97	.96	.95	.93
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.98	.96	.97	.95	.94	.94	.93	.92	.90
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.94	.92	.90	.92	.90	.88	.87
4.0	.97	.93	.90	.96	.92	.89	.93	.90	.88	.91	.89	.86	.89	.87	.85	.84
5.0	.93	.89	.86	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.84	.82	.81
6.0	.90	.86	.82	.89	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.80	.77	.84	.80	.77	.83	.79	.77	.82	.78	.76	.81	.78	.76	.75
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.76	.74	.79	.76	.74	.73
10.0	.80	.76	.73	.79	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71



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:0.9520 Lamp Flux:2211.79x1 lm								
NAME:			TYPE:			WEIGHT:		
DIM.:			SPEC.:			SERIAL No.:		
MFR.: Rayconn			SUR.:			PROTECTION ANGLE:		

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.147	.084	.026	.140	.080	.025	.126	.072	.023	.113	.065	.021	.101	.059	.019	
2.0	.136	.074	.023	.129	.071	.022	.118	.065	.020	.107	.060	.019	.097	.055	.017	
3.0	.126	.067	.020	.121	.065	.019	.111	.060	.018	.102	.056	.017	.093	.051	.016	
4.0	.117	.061	.018	.113	.059	.017	.104	.055	.017	.097	.052	.016	.089	.048	.015	
5.0	.110	.056	.016	.106	.055	.016	.099	.051	.015	.092	.049	.014	.086	.046	.014	
6.0	.104	.052	.015	.100	.051	.015	.094	.048	.014	.088	.046	.013	.082	.043	.013	
7.0	.098	.048	.014	.095	.047	.013	.089	.045	.013	.084	.043	.013	.079	.041	.012	
8.0	.093	.045	.013	.090	.044	.013	.085	.042	.012	.080	.041	.012	.076	.039	.011	
9.0	.088	.043	.012	.086	.042	.012	.081	.040	.011	.077	.039	.011	.073	.037	.011	
10.0	.084	.040	.011	.082	.039	.011	.078	.038	.011	.074	.037	.010	.070	.035	.010	

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.158	.134	.116	.135	.116	.100	.093	.080	.070	.054	.047	.041	.017	.015	.014	
4.0	.145	.119	.099	.125	.103	.086	.086	.072	.061	.050	.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	.075	.059	.047	.043	.035	.028	.014	.011	.009	
7.0	.118	.089	.068	.102	.077	.059	.070	.054	.042	.041	.032	.025	.013	.010	.008	
8.0	.112	.082	.062	.096	.071	.054	.067	.050	.038	.039	.030	.023	.013	.010	.008	
9.0	.106	.077	.057	.091	.066	.049	.063	.047	.035	.037	.028	.021	.012	.009	.007	
10.0	.101	.072	.052	.087	.062	.046	.060	.044	.032	.035	.026	.019	.011	.009	.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:0.9520 Lamp Flux:2211.79x1 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	16.9	17.6	17.2	17.8	18.0	16.7	17.3	16.9	17.5	17.7	
	3H	16.9	17.5	17.2	17.8	18.0	16.6	17.3	16.9	17.5	17.7
	4H	17.0	17.6	17.3	17.8	18.1	16.7	17.3	17.0	17.6	17.8
	6H	17.2	17.8	17.5	18.1	18.3	16.9	17.5	17.3	17.8	18.1
	8H	17.4	18.0	17.8	18.2	18.5	17.1	17.7	17.5	18.0	18.3
	12H	17.6	18.2	18.0	18.5	18.8	17.4	17.9	17.7	18.2	18.5
4H	2H	16.8	17.4	17.1	17.6	17.9	16.5	17.1	16.8	17.3	17.6
	3H	16.8	17.3	17.2	17.6	18.0	16.5	17.1	16.9	17.4	17.7
	4H	17.0	17.4	17.3	17.8	18.1	16.7	17.2	17.1	17.5	17.9
	6H	17.4	17.8	17.8	18.2	18.6	17.1	17.5	17.5	17.9	18.3
	8H	17.7	18.1	18.1	18.5	18.9	17.5	17.9	17.9	18.2	18.7
	12H	18.1	18.5	18.5	18.9	19.3	17.8	18.2	18.3	18.6	19.1
8H	4H	17.0	17.4	17.4	17.8	18.2	16.7	17.1	17.2	17.5	17.9
	6H	17.6	17.9	18.0	18.3	18.8	17.3	17.7	17.8	18.1	18.6
	8H	18.1	18.4	18.6	18.8	19.3	17.9	18.1	18.3	18.6	19.1
	12H	18.7	18.9	19.2	19.4	19.9	18.4	18.7	18.9	19.2	19.7
12H	4H	17.0	17.3	17.4	17.8	18.2	16.7	17.1	17.2	17.5	18.0
	6H	17.6	17.9	18.1	18.4	18.9	17.4	17.7	17.9	18.2	18.7
	8H	18.2	18.5	18.7	19.0	19.5	18.0	18.3	18.5	18.7	19.3
Variations with the observer position at spacings:											
S = 1.0H	+ 1.4 / - 2.1					+ 1.3 / - 2.0					
1.5H	+ 2.3 / - 2.3					+ 2.2 / - 2.2					
2.0H	+ 3.1 / - 1.5					+ 3.0 / - 1.4					

CIE Pub.117 Corrected 2212 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.8)

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:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

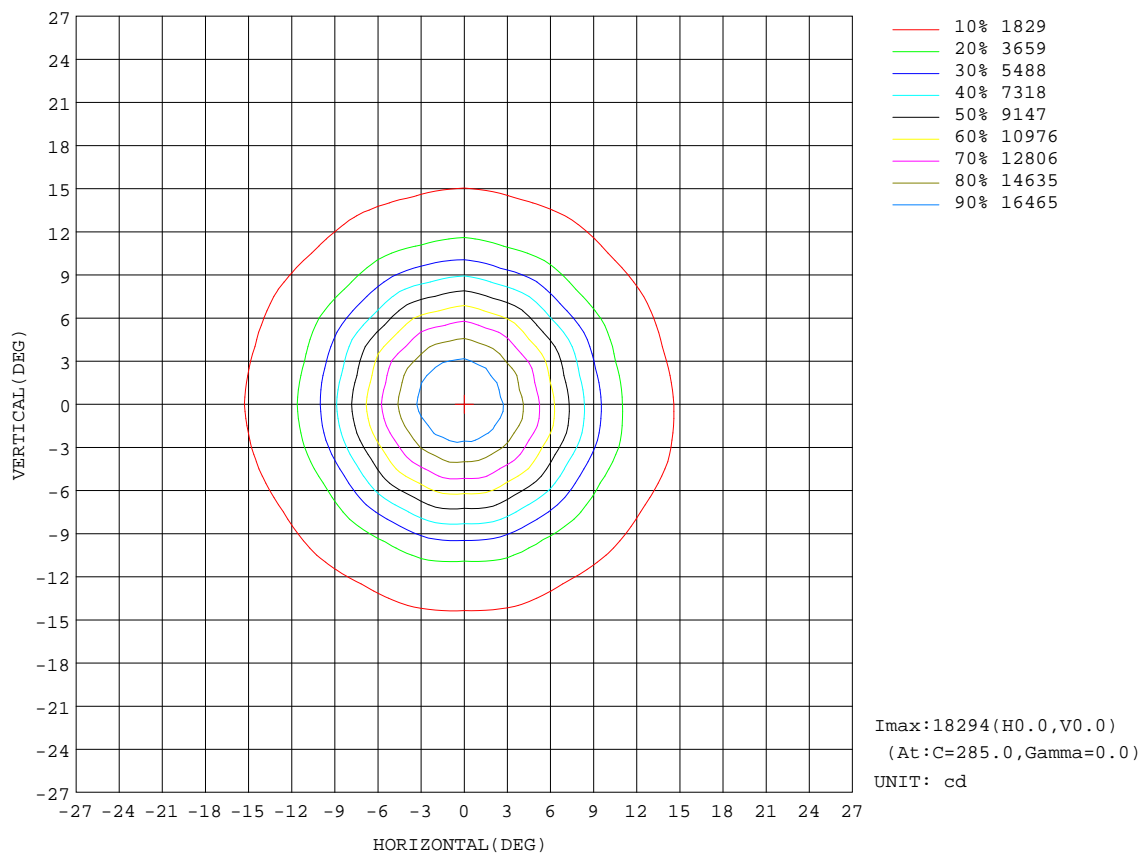
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	92	89	97	92	88	95	91	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	107	103	100	106	102	99	103	100	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	93
4.00	113	110	108	111	108	106	106	105	103	95
5.00	114	112	110	112	110	108	107	106	104	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

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:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



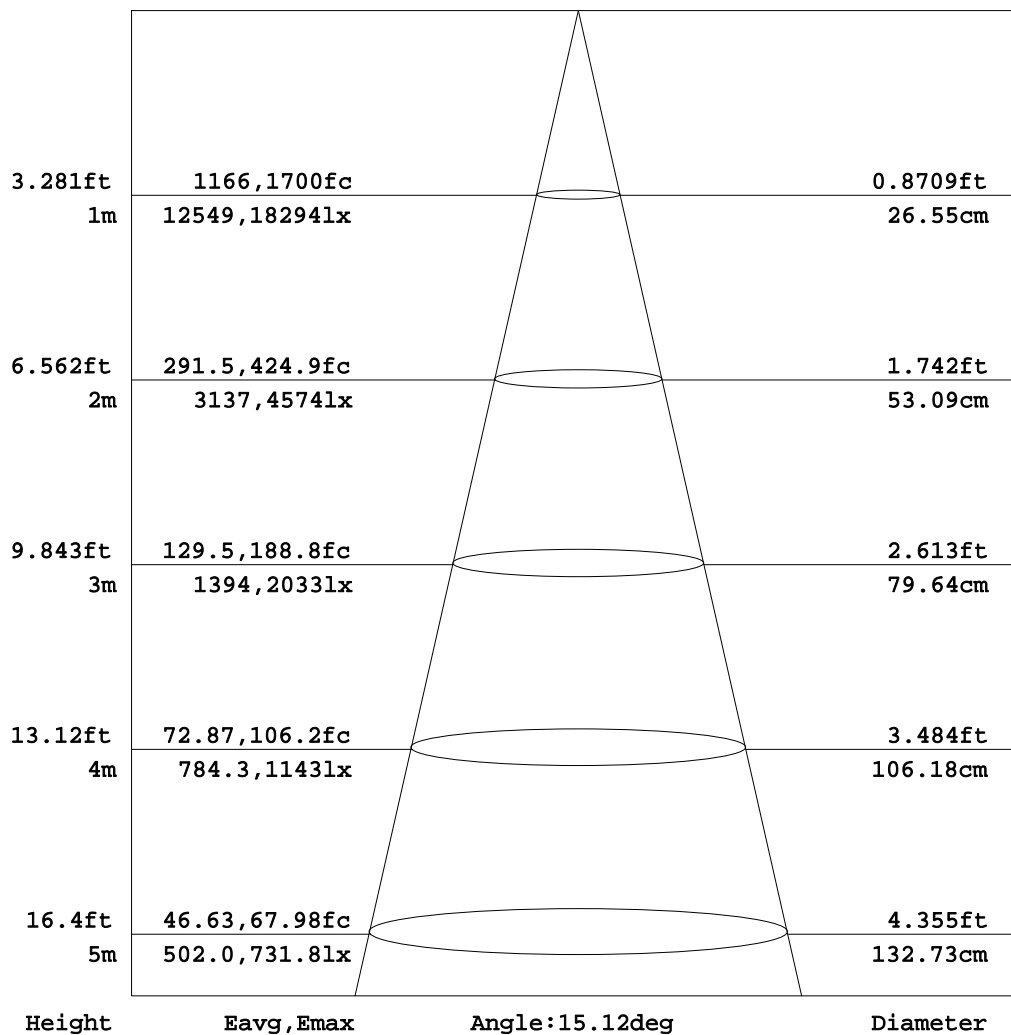
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-08-31

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:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:778.7 lm



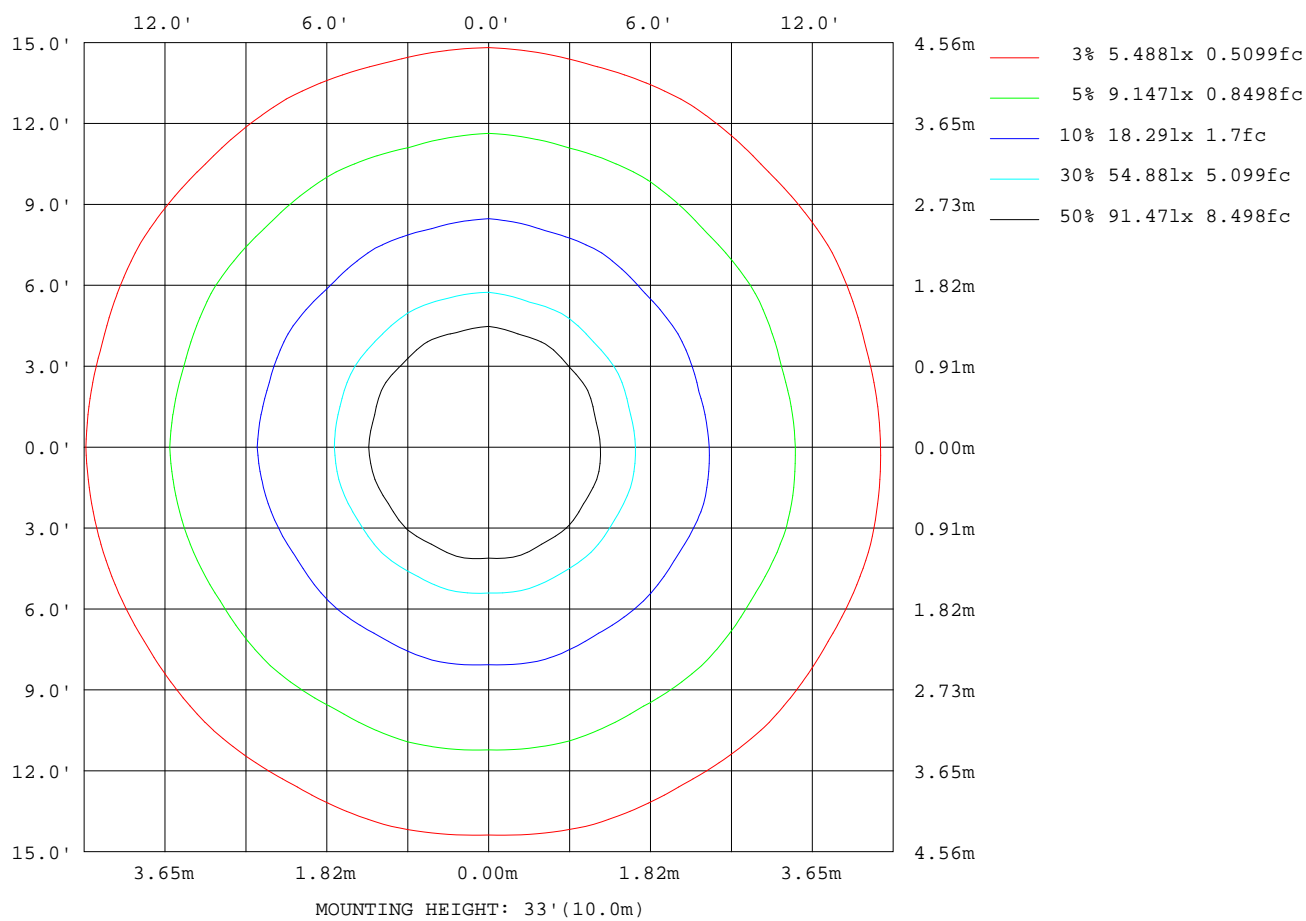
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

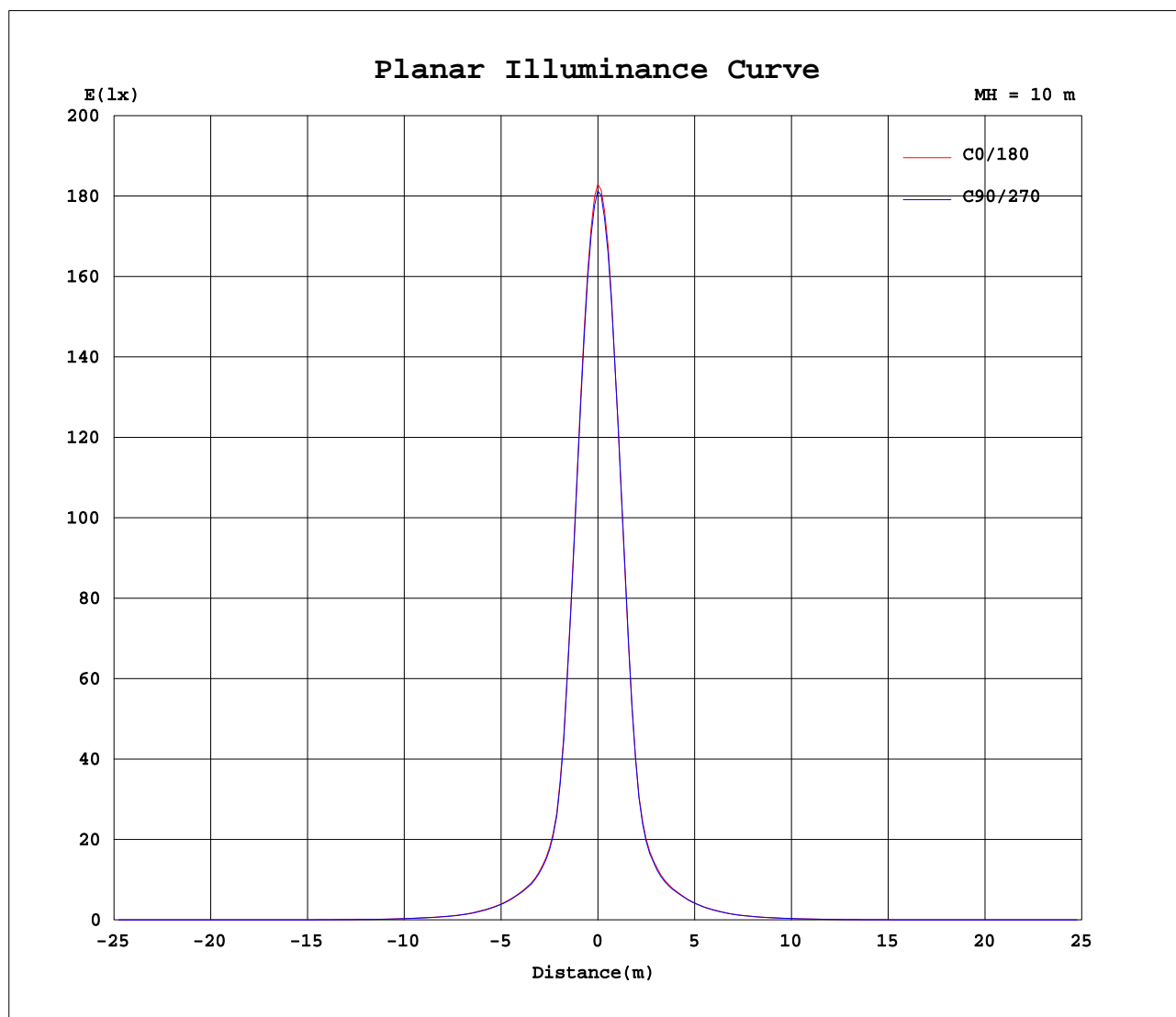
Test:U:226.5V I:0.0930A P:20.10W PF:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

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:0.9520 Lamp Flux:2211.79x1 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	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816	1816
5	1312	1328	1300	1321	1299	1326	1310	1339	1325	1354	1354	1386	1392	1384	1411	1392	1414	1385	1401
10	473	486	460	481	463	485	467	494	482	514	503	539	546	548	568	559	573	554	557
15	171	174	166	167	164	170	167	172	168	174	173	183	188	184	187	179	184	178	184
20	99.2	100	98.1	98.9	97.0	98.4	97.5	99.0	98.2	101	102	105	106	104	106	103	104	101	104
25	64.1	65.0	64.0	64.8	63.4	64.1	62.9	64.2	63.8	65.6	66.0	67.5	67.9	67.5	68.7	67.9	68.6	66.9	67.1
30	40.6	41.1	39.9	40.2	39.1	39.6	39.3	40.1	39.7	41.0	41.0	42.3	43.0	42.8	43.6	42.8	43.3	41.9	42.3
35	24.6	24.9	24.0	24.1	23.4	23.5	23.4	24.1	23.8	24.7	24.7	25.6	26.0	26.0	26.3	25.7	26.0	25.2	25.6
40	15.8	15.9	15.5	15.4	15.0	15.1	15.1	15.4	15.3	15.7	15.8	16.3	16.5	16.4	16.7	16.3	16.4	16.0	16.3
45	9.95	10.0	9.74	9.71	9.40	9.46	9.44	9.75	9.69	10.0	10.1	10.4	10.5	10.4	10.6	10.3	10.4	10.2	10.4
50	5.50	5.56	5.42	5.44	5.25	5.33	5.24	5.44	5.46	5.71	5.72	5.92	5.88	5.80	6.02	5.87	5.94	5.70	5.77
55	2.40	2.47	2.40	2.48	2.36	2.39	2.34	2.47	2.48	2.65	2.63	2.68	2.64	2.58	2.75	2.71	2.77	2.56	2.59
60	1.04	1.06	1.04	1.05	1.03	0.93	1.01	1.03	0.98	1.00	0.98	0.93	0.95	0.99	0.96	1.00	0.98	0.90	0.95
65	0.81	0.81	0.80	0.83	0.79	0.77	0.82	0.80	0.76	0.80	0.87	0.80	0.86	0.82	0.76	0.79	0.77	0.76	0.76
70	0.76	0.74	0.74	0.73	0.74	0.73	0.73	0.73	0.72	0.73	0.75	0.75	0.74	0.73	0.73	0.74	0.74	0.73	0.72
75	0.75	0.74	0.73	0.73	0.73	0.72	0.73	0.72	0.72	0.72	0.74	0.74	0.73	0.73	0.72	0.73	0.72	0.72	0.70
80	0.75	0.74	0.73	0.73	0.73	0.72	0.73	0.72	0.72	0.73	0.75	0.74	0.73	0.73	0.73	0.74	0.73	0.72	0.71
85	0.63	0.61	0.61	0.63	0.63	0.59	0.60	0.58	0.59	0.58	0.61	0.60	0.63	0.62	0.62	0.65	0.64	0.62	0.61
90	0.50	0.50	0.47	0.47	0.45	0.47	0.48	0.49	0.48	0.48	0.48	0.49	0.59	0.59	0.59	0.58	0.59	0.58	0.57
95	0.40	0.40	0.40	0.39	0.39	0.39	0.39	0.40	0.39	0.38	0.40	0.40	0.60	0.60	0.59	0.59	0.59	0.58	0.57
100	0.42	0.41	0.41	0.44	0.43	0.39	0.41	0.38	0.41	0.43	0.43	0.39	0.66	0.64	0.64	0.67	0.67	0.63	0.63
105	0.50	0.49	0.49	0.53	0.51	0.46	0.46	0.42	0.45	0.49	0.50	0.47	0.68	0.66	0.66	0.71	0.71	0.66	0.66
110	0.52	0.52	0.51	0.52	0.51	0.50	0.50	0.48	0.49	0.50	0.51	0.50	0.64	0.64	0.63	0.64	0.64	0.63	0.63
115	0.56	0.56	0.55	0.55	0.55	0.54	0.54	0.54	0.54	0.54	0.55	0.54	0.66	0.66	0.65	0.65	0.65	0.64	0.64
120	0.60	0.60	0.60	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.70	0.70	0.69	0.69	0.69	0.69	0.68
125	0.71	0.71	0.71	0.70	0.71	0.70	0.71	0.69	0.70	0.69	0.69	0.69	0.79	0.79	0.78	0.78	0.78	0.78	0.77
130	0.95	0.94	0.95	0.94	0.95	0.94	0.95	0.93	0.93	0.92	0.92	0.91	0.99	0.99	0.98	0.98	0.97	0.98	0.97
135	1.26	1.25	1.26	1.25	1.26	1.25	1.26	1.24	1.25	1.23	1.23	1.22	1.27	1.27	1.26	1.26	1.25	1.26	1.25
140	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.49	1.49	1.48	1.48	1.47	1.51	1.51	1.50	1.50	1.50	1.50	1.50
145	1.64	1.64	1.64	1.63	1.64	1.63	1.64	1.63	1.63	1.62	1.63	1.62	1.65	1.65	1.65	1.65	1.65	1.65	1.65
150	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.71	1.71	1.71	1.71	1.71	1.74	1.74	1.74	1.74	1.74	1.74	1.74
155	1.78	1.78	1.79	1.78	1.79	1.78	1.78	1.78	1.78	1.78	1.78	1.77	1.80	1.80	1.80	1.80	1.80	1.80	1.80
160	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.83	1.84	1.83	1.83	1.83	1.85	1.84	1.84	1.84	1.84	1.84	1.84
165	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.87	1.88	1.87	1.88	1.87	1.88	1.88	1.88	1.87	1.88	1.87	1.87
170	1.86	1.87	1.86	1.87	1.86	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.88	1.88	1.88
175	1.73	1.73	1.72	1.73	1.73	1.74	1.74	1.74	1.74	1.75	1.75	1.76	1.77	1.77	1.78	1.77	1.78	1.77	1.78
180	1.67	1.67	1.67	1.68	1.68	1.68	1.68	1.69	1.69	1.69	1.69	1.69	1.67	1.67	1.68	1.68	1.68	1.68	1.69

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:0.9520 Lamp Flux:2211.79x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1816	1816	1816	1816	1816														
5	1365	1370	1331	1347	1302														
10	516	534	492	504	466														
15	177	179	169	171	167														
20	101	103	99.7	101	98.6														
25	65.9	66.1	64.8	65.5	64.0														
30	41.2	41.7	40.7	41.1	40.3														
35	25.0	25.1	24.5	24.8	24.3														
40	16.0	16.1	15.8	15.9	15.6														
45	10.1	10.2	9.98	10.0	9.81														
50	5.58	5.72	5.55	5.62	5.39														
55	2.49	2.62	2.52	2.57	2.36														
60	1.00	0.99	1.04	1.02	0.94														
65	0.80	0.85	0.90	0.94	0.80														
70	0.71	0.72	0.74	0.74	0.74														
75	0.69	0.71	0.73	0.73	0.73														
80	0.69	0.71	0.73	0.73	0.73														
85	0.56	0.60	0.65	0.65	0.63														
90	0.54	0.57	0.56	0.57	0.57														
95	0.55	0.58	0.59	0.59	0.59														
100	0.58	0.62	0.66	0.66	0.64														
105	0.61	0.66	0.73	0.75	0.70														
110	0.59	0.62	0.65	0.66	0.65														
115	0.63	0.64	0.65	0.66	0.66														
120	0.68	0.68	0.69	0.69	0.70														
125	0.77	0.78	0.79	0.79	0.80														
130	0.98	0.98	1.00	1.00	1.01														
135	1.27	1.26	1.28	1.28	1.29														
140	1.51	1.51	1.51	1.51	1.52														
145	1.65	1.65	1.66	1.65	1.66														
150	1.74	1.74	1.74	1.74	1.74														
155	1.80	1.80	1.80	1.80	1.80														
160	1.84	1.84	1.84	1.84	1.85														
165	1.87	1.88	1.88	1.88	1.88														
170	1.88	1.88	1.88	1.88	1.88														
175	1.77	1.78	1.77	1.77	1.76														
180	1.68	1.69	1.69	1.69	1.69														

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: