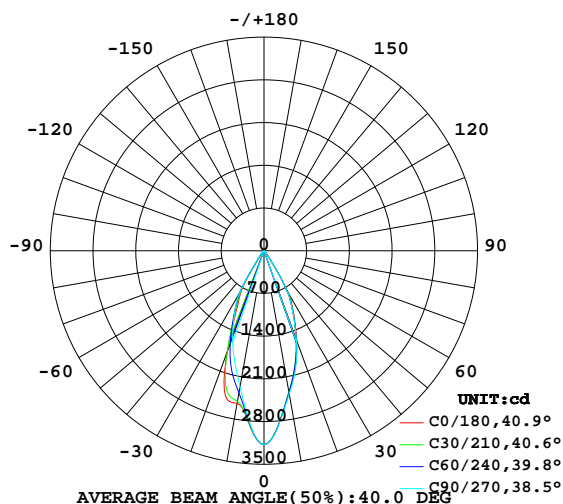


LUMINAIRE PHOTOMETRIC TEST REPORT

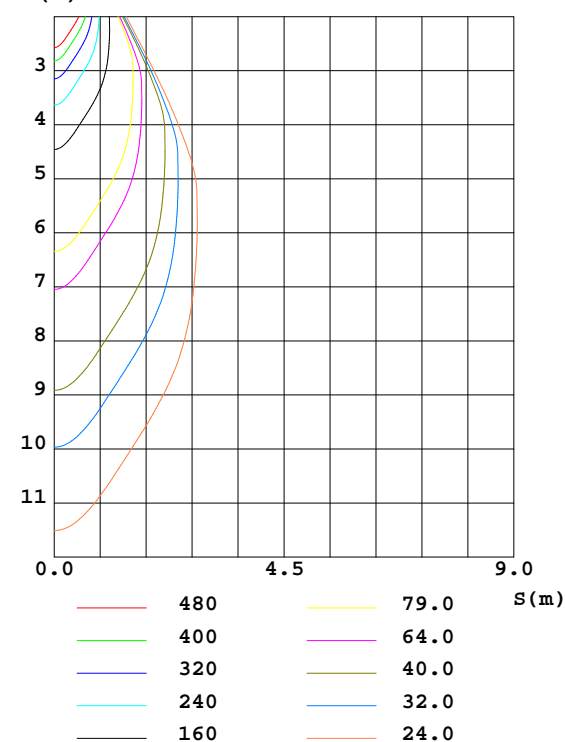
Test:U:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.69 lm/W			
MODEL	SD041-20W-940-W-38	Imax(cd)	3178	S/MH(C0/180)	0.62
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	1625.6	η UP,DN(C0-180)	1.2,48.2
NOMINAL FLUX(lm)	1625.59	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.2
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.6	η down(%)	97.4	CIBSE SHR MAX	0.70

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

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	I lum, lamp
10	2364	2369	2384	2417	2540	2431	2265	2289	0- 10	255.2	255.2	15.7,15.7
20	1572	1555	1555	1595	1762	1670	1507	1527	10- 20	563.0	818.1	50.3,50.3
30	792.9	786.8	740.4	746.2	715.6	773.6	816.9	808.9	20- 30	523.9	1342	82.6,82.6
40	76.70	80.51	70.19	66.93	60.68	69.89	97.02	94.89	30- 40	172.6	1515	93.2,93.2
50	23.20	23.75	22.21	22.10	21.61	22.33	27.78	26.63	40- 50	33.36	1548	95.2,95.2
60	11.88	12.02	11.74	11.83	11.72	11.69	12.47	12.12	50- 60	14.87	1563	96.1,96.1
70	7.461	7.498	7.399	7.478	7.388	7.382	7.616	7.472	60- 70	9.341	1572	96.7,96.7
80	4.871	4.897	4.916	4.956	5.188	5.166	5.182	5.085	70- 80	6.484	1579	97.1,97.1
90	2.954	3.051	3.011	2.976	3.558	3.656	3.532	3.530	80- 90	4.676	1583	97.4,97.4
100	2.895	2.939	2.903	2.909	3.791	3.826	3.757	3.743	90-100	3.639	1587	97.6,97.6
110	3.500	3.554	3.608	3.554	4.436	4.426	4.360	4.345	100-110	3.803	1591	97.9,97.9
120	5.047	5.050	5.074	5.043	5.772	5.743	5.664	5.678	110-120	4.564	1595	98.1,98.1
130	7.378	7.345	7.392	7.318	7.751	7.784	7.690	7.782	120-130	5.735	1601	98.5,98.5
140	9.920	9.912	9.997	9.929	10.08	10.15	10.10	10.16	130-140	6.795	1608	98.9,98.9
150	11.97	11.93	12.01	12.01	12.12	12.33	12.06	12.10	140-150	6.969	1615	99.3,99.3
160	12.79	12.76	12.82	12.82	12.90	12.90	12.88	12.92	150-160	5.800	1621	99.7,99.7
170	12.79	12.95	13.02	12.98	13.05	13.05	13.06	13.06	160-170	3.668	1624	99.9,99.9
180	13.25	13.25	13.25	13.25	13.25	13.25	13.25	13.26	170-180	1.248	1626	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

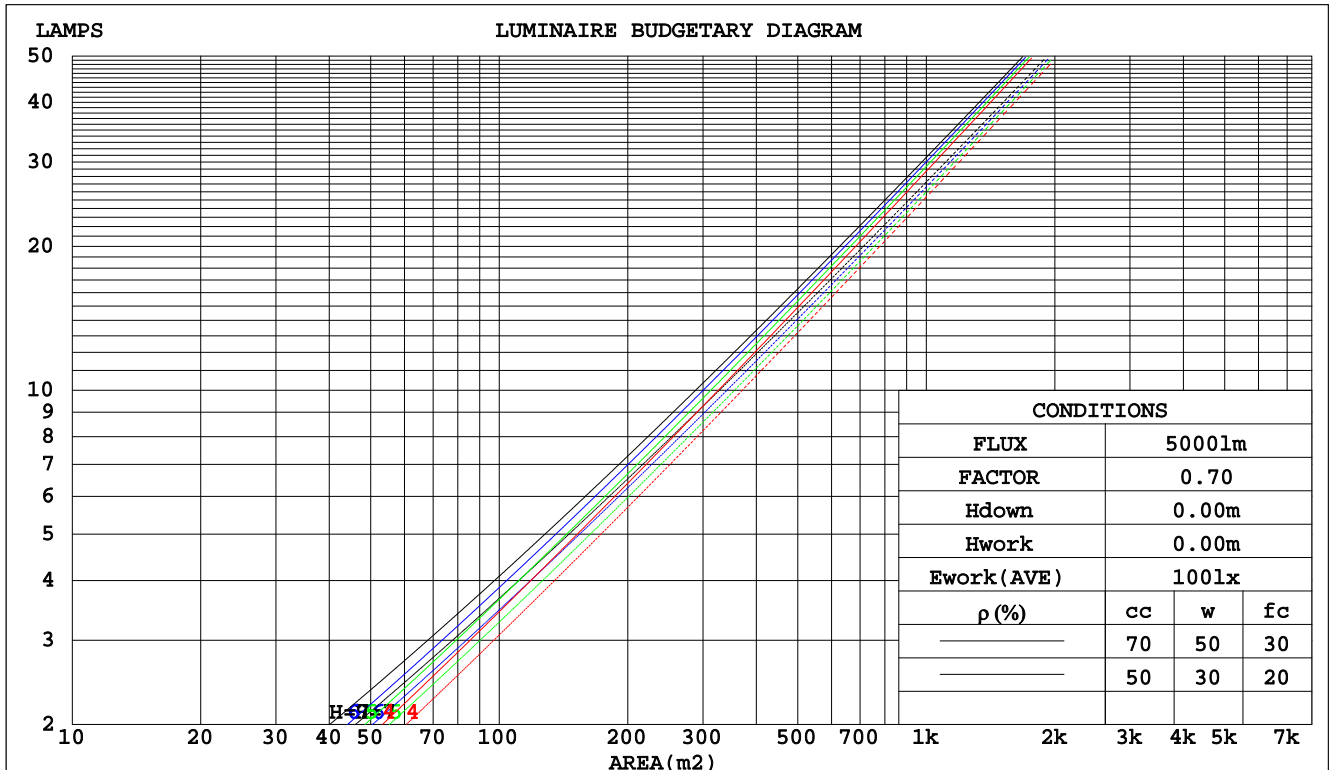
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-09-06

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 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	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.99	.98	.97	.96	.95	.94	.92														
2.0	1.04	.00	.97	1.02	.98	.95	.98	.95	.93	.95	.92	.91	.92	.90	.88	.87														
3.0	.97	.93	.89	.96	.92	.88	.93	.89	.87	.90	.87	.85	.88	.85	.83	.82														
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77														
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.76	.82	.78	.75	.80	.77	.75	.73														
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69														
7.0	.78	.73	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.73	.70	.67	.66														
8.0	.74	.69	.65	.74	.69	.65	.73	.68	.65	.71	.67	.64	.70	.67	.64	.63														
9.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60														
10.0	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.65	.61	.58	.57														



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:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 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	.170	.097	.031	.163	.093	.030	.149	.085	.027	.136	.078	.025	.124	.072	.023	
2.0	.160	.088	.027	.154	.085	.026	.142	.079	.024	.131	.073	.023	.121	.068	.022	
3.0	.151	.080	.024	.145	.078	.023	.135	.073	.022	.126	.069	.021	.117	.065	.020	
4.0	.142	.074	.022	.138	.072	.021	.129	.068	.020	.121	.065	.020	.113	.061	.019	
5.0	.135	.069	.020	.131	.067	.020	.123	.064	.019	.116	.061	.018	.109	.058	.018	
6.0	.128	.064	.018	.125	.063	.018	.118	.060	.018	.112	.058	.017	.106	.056	.017	
7.0	.122	.061	.017	.119	.059	.017	.113	.057	.016	.107	.055	.016	.102	.053	.016	
8.0	.117	.057	.016	.114	.056	.016	.109	.054	.016	.104	.052	.015	.099	.051	.015	
9.0	.112	.054	.015	.109	.053	.015	.105	.052	.015	.100	.050	.014	.096	.049	.014	
10.0	.107	.052	.014	.105	.051	.014	.101	.049	.014	.096	.048	.014	.092	.047	.013	

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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.191	.177	.165	.163	.152	.142	.112	.105	.098	.064	.061	.057	.021	.020	.019	
2.0	.175	.153	.134	.150	.131	.116	.103	.091	.081	.059	.053	.047	.019	.017	.015	
3.0	.162	.134	.111	.139	.115	.097	.095	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.151	.119	.095	.129	.103	.082	.089	.072	.058	.051	.042	.034	.017	.014	.011	
5.0	.142	.107	.082	.122	.093	.071	.084	.065	.050	.049	.038	.030	.016	.012	.010	
6.0	.134	.098	.072	.115	.085	.063	.079	.059	.044	.046	.035	.026	.015	.011	.009	
7.0	.127	.090	.064	.109	.078	.056	.075	.055	.040	.044	.032	.024	.014	.011	.008	
8.0	.121	.084	.058	.104	.073	.051	.072	.051	.036	.042	.030	.021	.014	.010	.007	
9.0	.116	.078	.053	.100	.068	.046	.069	.048	.033	.040	.028	.020	.013	.009	.006	
10.0	.111	.074	.049	.096	.064	.043	.067	.045	.030	.039	.027	.018	.013	.009	.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:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 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	14.8	15.6	15.1	15.9	16.1	14.5	15.3	14.7	15.5	15.7
3H	14.8	15.6	15.1	15.9	16.1	14.5	15.3	14.8	15.5	15.8
4H	14.9	15.6	15.2	15.9	16.2	14.6	15.3	14.9	15.6	15.9
6H	15.0	15.7	15.3	16.0	16.3	14.7	15.4	15.0	15.7	16.0
8H	15.1	15.7	15.4	16.0	16.3	14.8	15.5	15.2	15.8	16.1
12H	15.2	15.8	15.6	16.1	16.5	15.0	15.6	15.3	15.9	16.2
4H 2H	14.6	15.4	15.0	15.6	15.9	14.3	15.1	14.6	15.3	15.6
3H	14.8	15.4	15.1	15.7	16.0	14.5	15.1	14.8	15.4	15.7
4H	14.9	15.5	15.3	15.8	16.2	14.6	15.2	15.0	15.5	15.9
6H	15.1	15.6	15.5	16.0	16.4	14.8	15.4	15.3	15.7	16.1
8H	15.3	15.7	15.7	16.1	16.5	15.0	15.5	15.5	15.9	16.3
12H	15.5	15.9	15.9	16.3	16.8	15.3	15.7	15.8	16.1	16.6
8H 4H	14.9	15.3	15.3	15.7	16.2	14.6	15.1	15.0	15.5	15.9
6H	15.2	15.6	15.7	16.0	16.5	15.0	15.4	15.4	15.8	16.3
8H	15.5	15.8	16.0	16.3	16.8	15.3	15.6	15.8	16.1	16.6
12H	15.8	16.1	16.3	16.6	17.1	15.7	16.0	16.2	16.5	17.0
12H 4H	14.8	15.3	15.3	15.7	16.1	14.6	15.0	15.0	15.4	15.9
6H	15.2	15.6	15.7	16.0	16.5	15.0	15.3	15.5	15.8	16.3
8H	15.5	15.8	16.1	16.3	16.8	15.4	15.7	15.9	16.1	16.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.4 / - 1.3					+ 1.1 / - 1.1				
1.5H	+ 2.7 / - 1.1					+ 2.3 / - 1.0				
2.0H	+ 1.1 / - 0.5					+ 1.0 / - 0.4				

CIE Pub.117 Corrected 1626 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

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:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

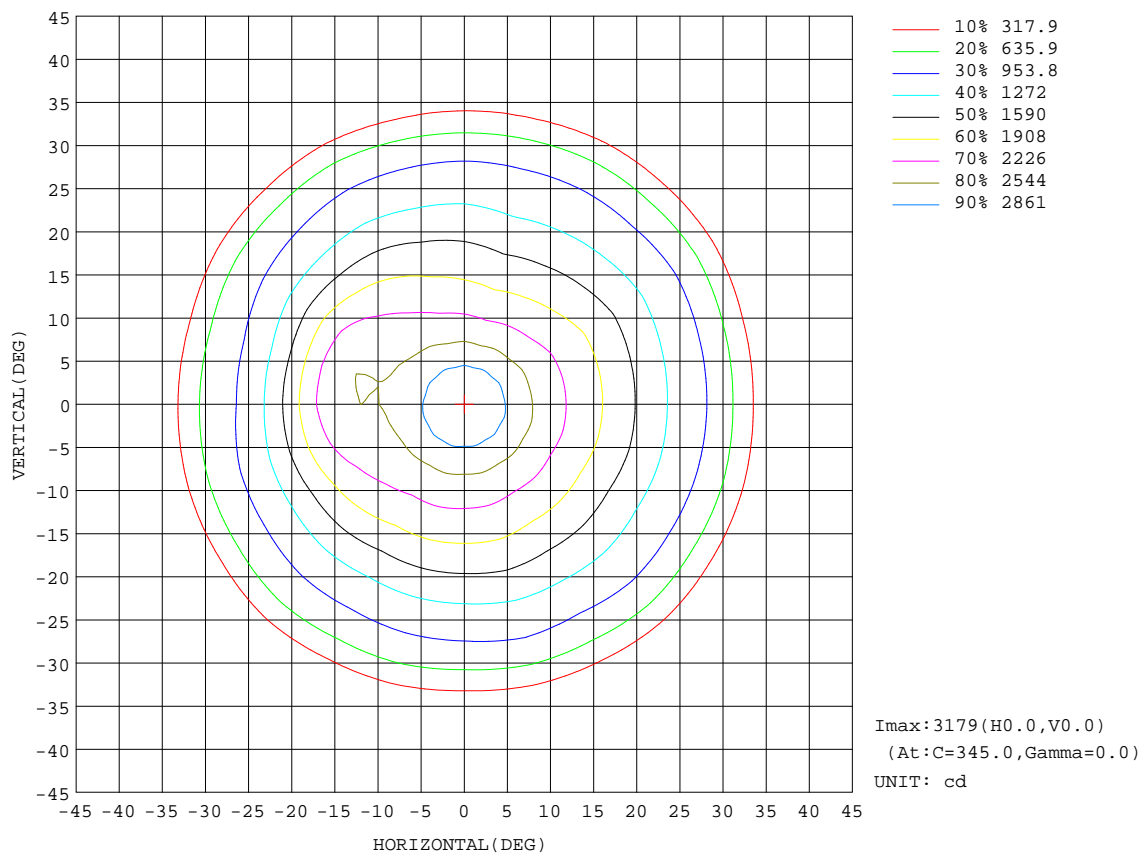
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	74
0.80	95	89	85	94	88	85	92	88	84	81
1.00	99	93	90	98	93	89	96	92	89	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	101	98	95	90
2.00	108	104	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	101	104	101	99	93
3.00	111	108	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	108	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:2016-09-06

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:

ISOCANDELA DIAGRAM

Test:U:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



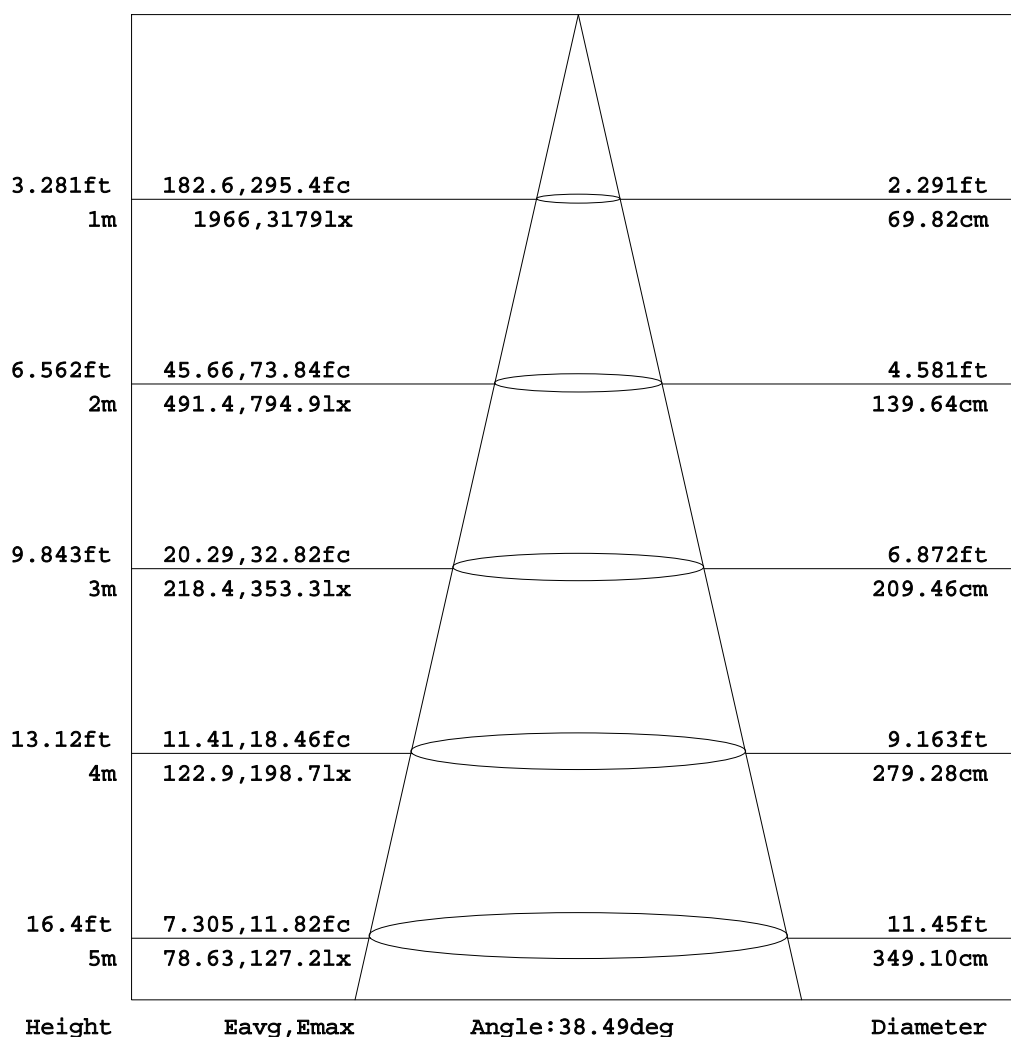
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-09-06

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:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:818.1 lm



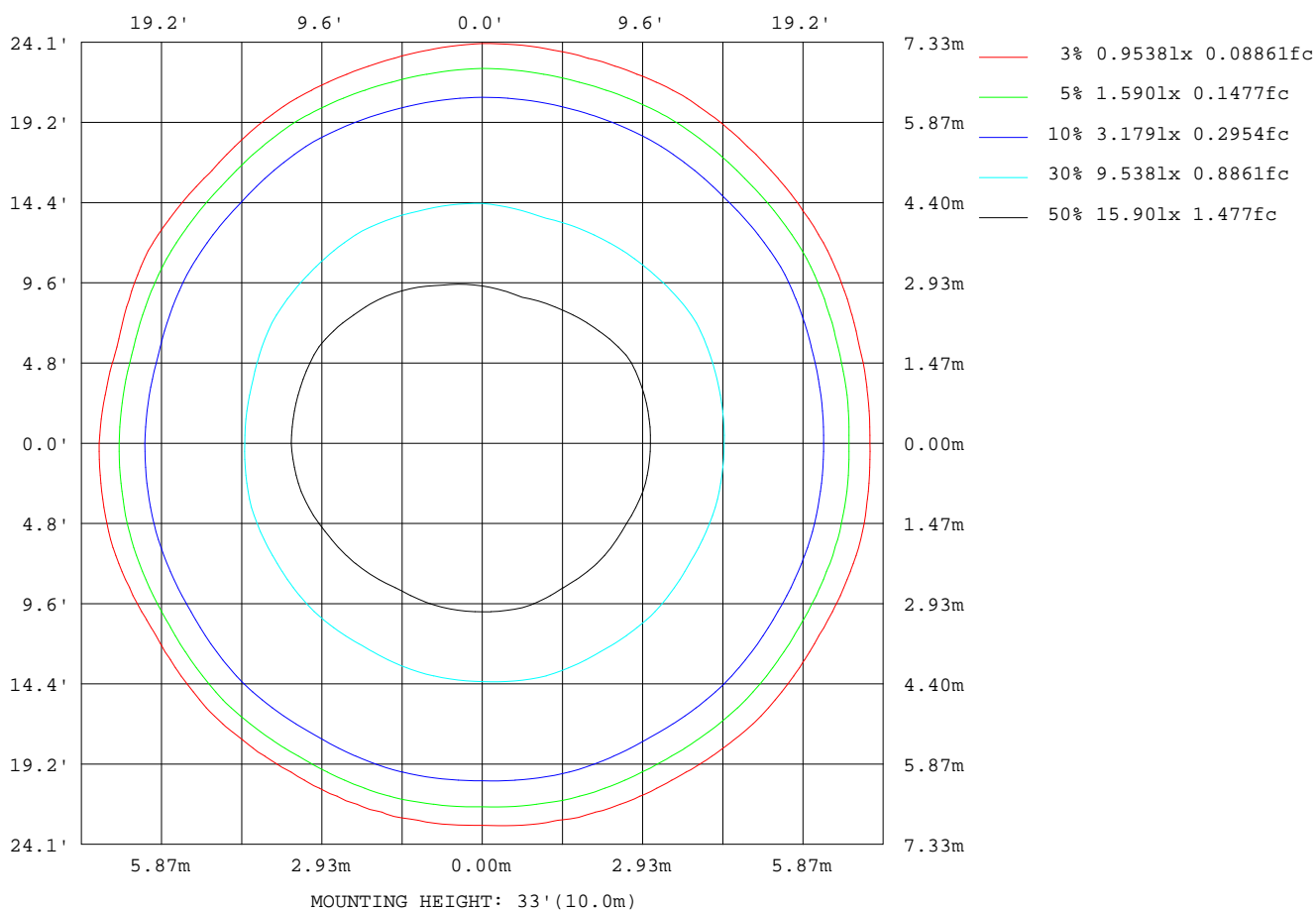
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

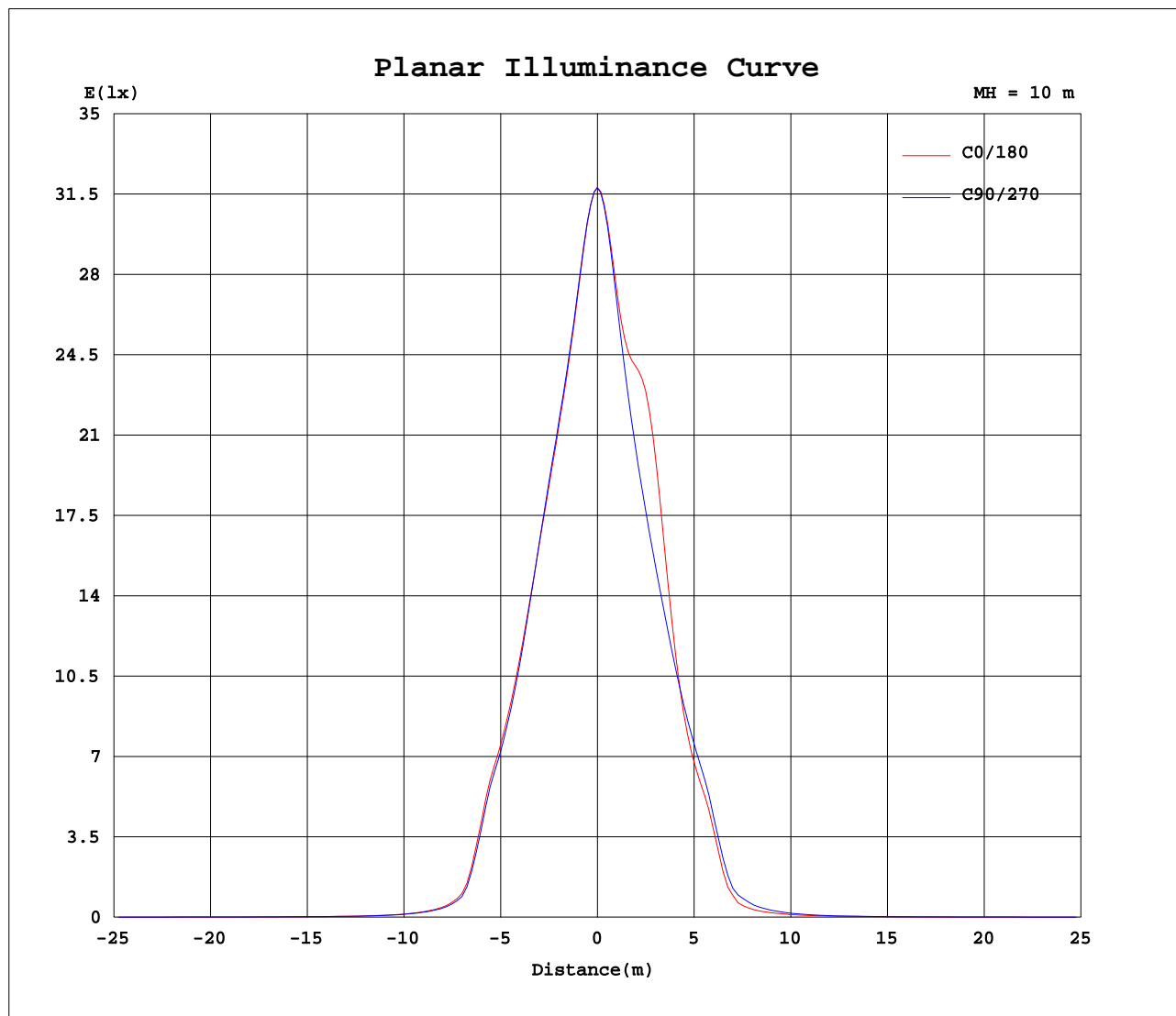
Test:U:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

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:19.90W PF:0.9510 Lamp Flux:1625.59x1 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	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178	3178
5	2834	2850	2836	2856	2840	2861	2849	2868	2850	2864	2842	2853	2842	2819	2833	2811	2820	2790	2805
10	2364	2369	2354	2369	2360	2385	2384	2398	2386	2417	2449	2504	2540	2543	2507	2431	2368	2295	2265
15	1985	1982	1955	1965	1959	2000	2003	2010	2000	2077	2179	2342	2452	2453	2366	2180	2041	1926	1865
20	1572	1572	1539	1555	1544	1576	1555	1553	1537	1595	1631	1721	1762	1748	1761	1670	1621	1541	1507
25	1161	1159	1142	1156	1135	1153	1124	1114	1090	1109	1096	1110	1068	1076	1137	1149	1173	1154	1153
30	793	794	775	787	746	777	740	747	717	746	722	738	716	706	756	774	819	815	817
35	187	195	187	195	183	181	165	169	159	166	151	178	174	145	186	173	205	211	230
40	76.7	79.1	78.7	80.5	77.0	74.4	70.2	69.3	68.0	66.9	63.4	62.7	60.7	59.1	63.4	69.9	79.3	86.8	97.0
45	39.5	40.6	40.3	41.0	39.5	38.5	36.3	36.4	35.6	35.7	34.5	34.6	33.8	32.9	34.7	36.8	41.3	44.8	50.5
50	23.2	23.7	23.6	23.7	23.1	22.9	22.2	22.3	21.9	22.1	21.8	21.9	21.6	21.2	21.7	22.3	23.9	25.4	27.8
55	16.0	16.2	16.2	16.2	15.9	15.9	15.6	15.7	15.5	15.7	15.6	15.8	15.6	15.3	15.6	15.7	16.1	16.6	17.5
60	11.9	12.1	12.0	12.0	11.8	11.9	11.7	11.8	11.6	11.8	11.7	11.8	11.7	11.5	11.7	11.7	12.0	12.2	12.5
65	9.39	9.49	9.45	9.42	9.23	9.38	9.27	9.36	9.20	9.32	9.26	9.25	9.13	9.02	9.12	9.12	9.31	9.45	9.54
70	7.46	7.54	7.50	7.50	7.35	7.47	7.40	7.48	7.39	7.48	7.41	7.44	7.39	7.34	7.39	7.38	7.47	7.56	7.62
75	6.00	6.10	6.02	6.05	5.93	6.04	5.94	5.99	5.95	6.04	6.02	6.04	6.15	6.11	6.15	6.13	6.19	6.26	6.26
80	4.87	4.88	4.86	4.90	4.88	4.98	4.92	4.93	4.95	4.96	4.96	4.95	5.19	5.20	5.17	5.17	5.16	5.26	5.18
85	3.99	3.99	3.98	4.07	4.14	4.44	4.08	4.09	4.10	4.11	4.12	4.14	4.52	4.51	4.50	4.54	4.62	4.86	4.47
90	2.95	2.92	2.94	3.05	3.15	3.60	3.01	2.97	3.02	2.98	3.01	3.00	3.56	3.56	3.55	3.66	3.85	4.14	3.53
95	2.89	2.88	2.90	2.99	3.03	3.36	2.91	2.89	2.92	2.90	2.93	2.92	3.67	3.67	3.67	3.73	3.88	3.99	3.65
100	2.89	2.89	2.91	2.94	2.95	3.04	2.90	2.91	2.90	2.91	2.92	2.93	3.79	3.78	3.79	3.83	3.85	3.88	3.76
105	3.10	3.09	3.10	3.13	3.15	3.18	3.16	3.14	3.13	3.12	3.12	3.12	4.03	4.03	4.02	4.05	4.03	4.03	3.98
110	3.50	3.49	3.53	3.55	3.59	3.60	3.61	3.59	3.59	3.55	3.55	3.53	4.44	4.44	4.41	4.43	4.41	4.41	4.36
115	4.14	4.13	4.18	4.19	4.23	4.21	4.24	4.22	4.24	4.20	4.21	4.17	5.01	5.01	4.97	4.98	4.95	4.96	4.91
120	5.05	5.03	5.08	5.05	5.08	5.03	5.07	5.05	5.09	5.04	5.08	5.03	5.77	5.78	5.73	5.74	5.70	5.71	5.66
125	6.14	6.11	6.17	6.12	6.15	6.09	6.13	6.09	6.13	6.09	6.12	6.08	6.68	6.71	6.66	6.67	6.62	6.63	6.58
130	7.38	7.35	7.39	7.34	7.39	7.36	7.39	7.34	7.36	7.32	7.36	7.30	7.75	7.79	7.75	7.78	7.71	7.73	7.69
135	8.69	8.66	8.70	8.67	8.73	8.72	8.75	8.68	8.70	8.65	8.70	8.62	8.92	8.95	8.92	8.98	8.92	8.94	8.90
140	9.92	9.89	9.93	9.91	9.97	9.96	10.00	9.95	9.97	9.93	9.94	9.88	10.1	10.1	10.1	10.1	10.1	10.1	10.1
145	11.0	11.0	11.0	11.0	11.1	11.2	11.2	11.1	11.1	11.1	11.3	11.1	11.2	11.2	11.2	11.3	11.2	11.2	11.2
150	12.0	12.0	12.0	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.1	12.1	12.1	12.2	12.3	12.1	12.1	12.1
155	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.6	12.7	12.6
160	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9
165	12.8	12.8	12.8	12.9	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0
170	12.8	12.8	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.0	13.0	13.0	13.0	13.1	13.1
175	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.1	13.1	13.1	13.1	13.1	13.1
180	13.2	13.3	13.3	13.2	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.2	13.3	13.3	13.2	13.2	13.2	13.2

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:226.6V I:0.0920A P:19.90W PF:0.9510 Lamp Flux:1625.59x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	3178	3178	3178	3178	3178														
5	2787	2815	2804	2836	2823														
10	2229	2266	2289	2351	2357														
15	1811	1847	1908	1988	1992														
20	1442	1476	1527	1600	1583														
25	1115	1132	1155	1195	1172														
30	819	827	809	845	806														
35	225	235	220	220	193														
40	101	103	94.9	87.3	78.5														
45	53.1	54.1	49.0	44.9	40.2														
50	28.9	29.0	26.6	25.1	23.3														
55	17.8	17.7	16.9	16.5	15.9														
60	12.4	12.4	12.1	12.1	11.7														
65	9.50	9.42	9.38	9.42	9.22														
70	7.56	7.49	7.47	7.51	7.37														
75	6.23	6.19	6.16	6.17	6.08														
80	5.15	5.12	5.09	5.10	5.09														
85	4.46	4.43	4.42	4.41	4.43														
90	3.53	3.52	3.53	3.53	3.57														
95	3.63	3.63	3.62	3.63	3.64														
100	3.75	3.75	3.74	3.74	3.75														
105	3.98	3.97	3.97	3.96	3.98														
110	4.36	4.34	4.34	4.33	4.35														
115	4.92	4.88	4.90	4.89	4.92														
120	5.68	5.64	5.68	5.68	5.74														
125	6.62	6.59	6.65	6.65	6.72														
130	7.75	7.73	7.78	7.76	7.83														
135	8.97	8.95	8.99	8.96	9.02														
140	10.2	10.1	10.2	10.1	10.2														
145	11.3	11.2	11.2	11.2	11.2														
150	12.1	12.1	12.1	12.1	12.1														
155	12.7	12.6	12.7	12.6	12.7														
160	12.9	12.9	12.9	12.9	12.9														
165	13.0	13.0	13.0	13.0	13.0														
170	13.1	13.0	13.1	13.0	13.0														
175	13.1	13.1	13.1	13.1	13.1														
180	13.3	13.3	13.3	13.3	13.3														

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: