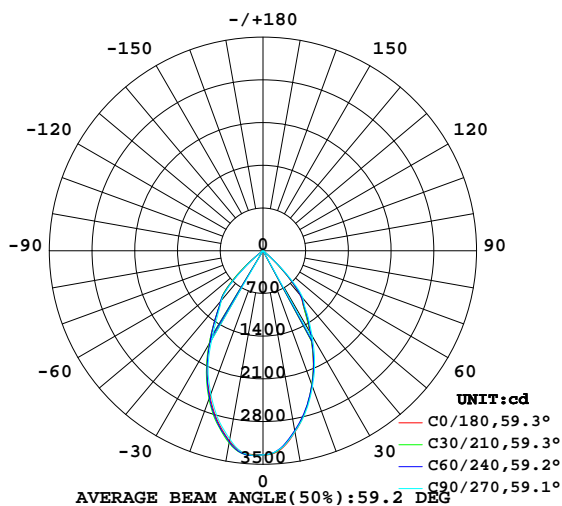


LUMINAIRE PHOTOMETRIC TEST REPORT

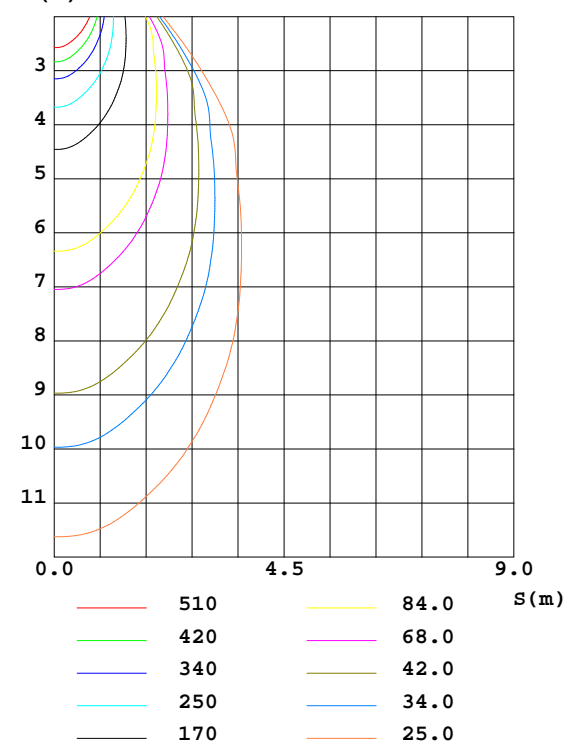
Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.69 lm/W			
MODEL	BL191-40W-930-W-60	Imax(cd)	3360	S/MH(C0/180)	0.84
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	3476.7	η UP,DN(C0-180)	1.2,47.7
NOMINAL FLUX(lm)	3476.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,49.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.6	η down(%)	97.5	CIBSE SHR MAX	0.90

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:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [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	3018	3001	3012	3074	3164	3183	3134	3052	0- 10	307.9	307.9	8.85,8.85
20	2339	2349	2369	2439	2543	2559	2500	2394	10- 20	777.7	1086	31.2,31.2
30	1540	1567	1610	1700	1757	1747	1677	1581	20- 30	938.8	2024	58.2,58.2
40	949.8	976.6	1022	1072	1068	1077	1057	1002	30- 40	810.3	2835	81.5,81.5
50	83.51	81.00	93.06	202.4	256.0	240.6	182.5	98.60	40- 50	468.9	3304	95,95
60	25.95	25.94	26.41	28.33	28.93	28.38	28.30	26.67	50- 60	46.74	3350	96.4,96.4
70	11.10	11.45	12.05	14.99	16.12	15.92	14.27	11.58	60- 70	20.26	3371	96.9,96.9
80	7.967	8.057	8.185	8.267	8.704	8.662	8.607	8.512	70- 80	10.32	3381	97.2,97.2
90	6.185	6.154	6.102	6.316	7.135	7.032	6.851	6.929	80- 90	8.269	3389	97.5,97.5
100	7.521	7.497	7.406	7.207	8.121	8.160	8.258	8.484	90-100	7.741	3397	97.7,97.7
110	9.588	9.553	9.430	9.120	10.11	10.17	10.29	10.58	100-110	9.289	3406	98,98
120	12.47	12.43	12.28	11.86	12.74	12.78	12.95	13.31	110-120	11.07	3417	98.3,98.3
130	15.87	15.88	15.72	15.26	15.91	15.95	16.15	16.54	120-130	12.74	3430	98.7,98.7
140	19.29	19.33	19.17	18.78	19.17	19.21	19.43	19.81	130-140	13.59	3444	99,99
150	21.90	21.96	21.90	21.66	21.76	21.82	21.99	22.23	140-150	12.97	3457	99.4,99.4
160	23.86	23.93	23.92	23.72	23.76	23.82	23.95	24.14	150-160	10.58	3467	99.7,99.7
170	25.68	25.73	25.73	25.61	25.61	25.64	25.77	25.87	160-170	7.003	3474	99.9,99.9
180	27.04	27.14	27.15	27.17	27.09	27.10	27.18	27.15	170-180	2.510	3477	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

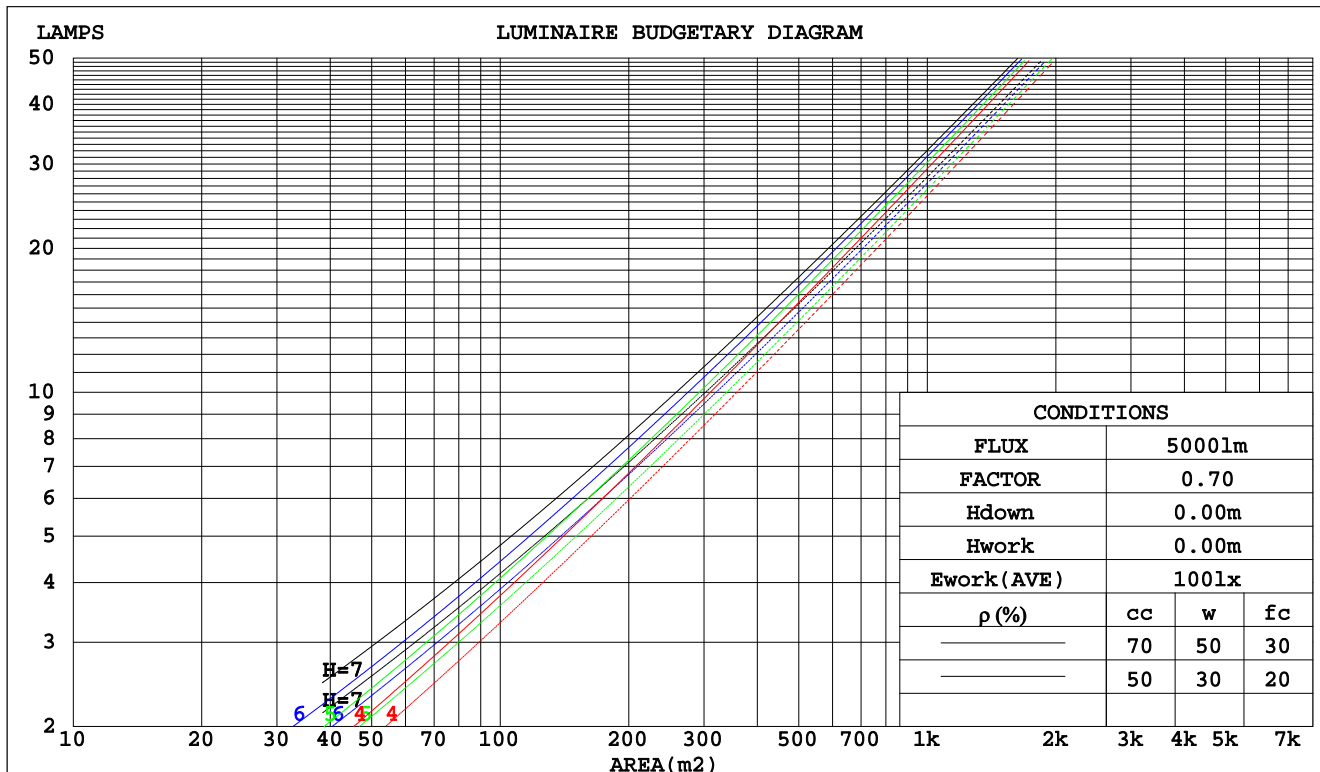
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 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	1.05	1.05	1.05	.00	.00	.00	.97
1.0	1.09	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.96	.93	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.83	.92	.87	.83	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.74	.72	.70
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.64	.60	.57	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.60	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 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	.194	.110	.035	.187	.107	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028	
2.0	.187	.102	.031	.180	.099	.031	.168	.093	.029	.157	.088	.028	.147	.083	.026	
3.0	.178	.095	.028	.172	.092	.028	.162	.088	.027	.152	.083	.026	.143	.079	.025	
4.0	.170	.088	.026	.165	.086	.025	.155	.082	.025	.147	.079	.024	.139	.076	.023	
5.0	.161	.082	.024	.157	.081	.024	.149	.078	.023	.142	.075	.022	.134	.072	.022	
6.0	.154	.077	.022	.150	.076	.022	.143	.073	.021	.136	.071	.021	.130	.068	.020	
7.0	.147	.073	.021	.143	.071	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019	
8.0	.140	.069	.019	.137	.068	.019	.131	.066	.019	.126	.064	.018	.121	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.061	.017	.116	.059	.017	
10.0	.128	.061	.017	.126	.061	.017	.121	.059	.017	.116	.058	.016	.112	.056	.016	

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	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.163	.164	.151	.140	.112	.104	.097	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.130	.152	.131	.113	.104	.090	.079	.060	.053	.046	.019	.017	.015	
3.0	.166	.133	.107	.143	.115	.093	.098	.080	.065	.057	.047	.038	.018	.015	.013	
4.0	.157	.119	.090	.135	.103	.078	.093	.072	.055	.054	.042	.033	.017	.014	.011	
5.0	.149	.108	.077	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.142	.099	.068	.122	.085	.059	.084	.060	.042	.049	.035	.025	.016	.011	.008	
7.0	.136	.091	.060	.117	.079	.052	.081	.055	.037	.047	.033	.022	.015	.011	.007	
8.0	.130	.085	.054	.112	.074	.047	.077	.052	.034	.045	.031	.020	.015	.010	.007	
9.0	.125	.080	.050	.108	.070	.043	.075	.049	.031	.043	.029	.018	.014	.009	.006	
10.0	.120	.076	.046	.104	.066	.040	.072	.046	.029	.042	.027	.017	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 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	19.4	20.4	19.6	20.6	20.8	19.6	20.7	19.9	20.9	21.1	
	3H	19.2	20.1	19.5	20.4	20.6	19.5	20.4	19.8	20.7	20.9
	4H	19.1	20.0	19.4	20.3	20.5	19.4	20.3	19.7	20.5	20.8
	6H	19.0	19.9	19.4	20.1	20.4	19.3	20.1	19.7	20.4	20.7
	8H	19.0	19.8	19.3	20.1	20.4	19.3	20.1	19.6	20.4	20.7
	12H	19.0	19.7	19.3	20.0	20.4	19.3	20.0	19.6	20.3	20.7
4H	2H	19.1	20.0	19.4	20.2	20.5	19.4	20.3	19.7	20.5	20.8
	3H	18.9	19.7	19.3	20.0	20.3	19.2	20.0	19.6	20.3	20.6
	4H	18.8	19.5	19.2	19.9	20.2	19.1	19.8	19.5	20.2	20.5
	6H	18.8	19.4	19.2	19.8	20.2	19.1	19.7	19.5	20.0	20.4
	8H	18.8	19.3	19.2	19.7	20.1	19.0	19.6	19.5	20.0	20.4
	12H	18.7	19.3	19.2	19.7	20.1	19.0	19.5	19.5	20.0	20.4
8H	4H	18.7	19.3	19.1	19.7	20.1	19.0	19.5	19.4	19.9	20.4
	6H	18.7	19.1	19.1	19.5	20.0	18.9	19.4	19.4	19.8	20.3
	8H	18.6	19.0	19.1	19.5	20.0	18.9	19.3	19.4	19.8	20.3
	12H	18.7	19.0	19.2	19.5	20.0	18.9	19.3	19.5	19.8	20.3
12H	4H	18.7	19.2	19.1	19.6	20.0	18.9	19.4	19.4	19.9	20.3
	6H	18.6	19.0	19.1	19.5	20.0	18.9	19.3	19.4	19.8	20.2
	8H	18.6	19.0	19.1	19.4	20.0	18.9	19.2	19.4	19.7	20.2
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 9.8					+ 2.4 / - 9.7					
1.5H	+ 4.1 / -10.1					+ 3.8 / -10.2					
2.0H	+ 7.4 / - 5.4					+ 7.7 / - 6.2					

CIE Pub.117 Corrected 3477 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

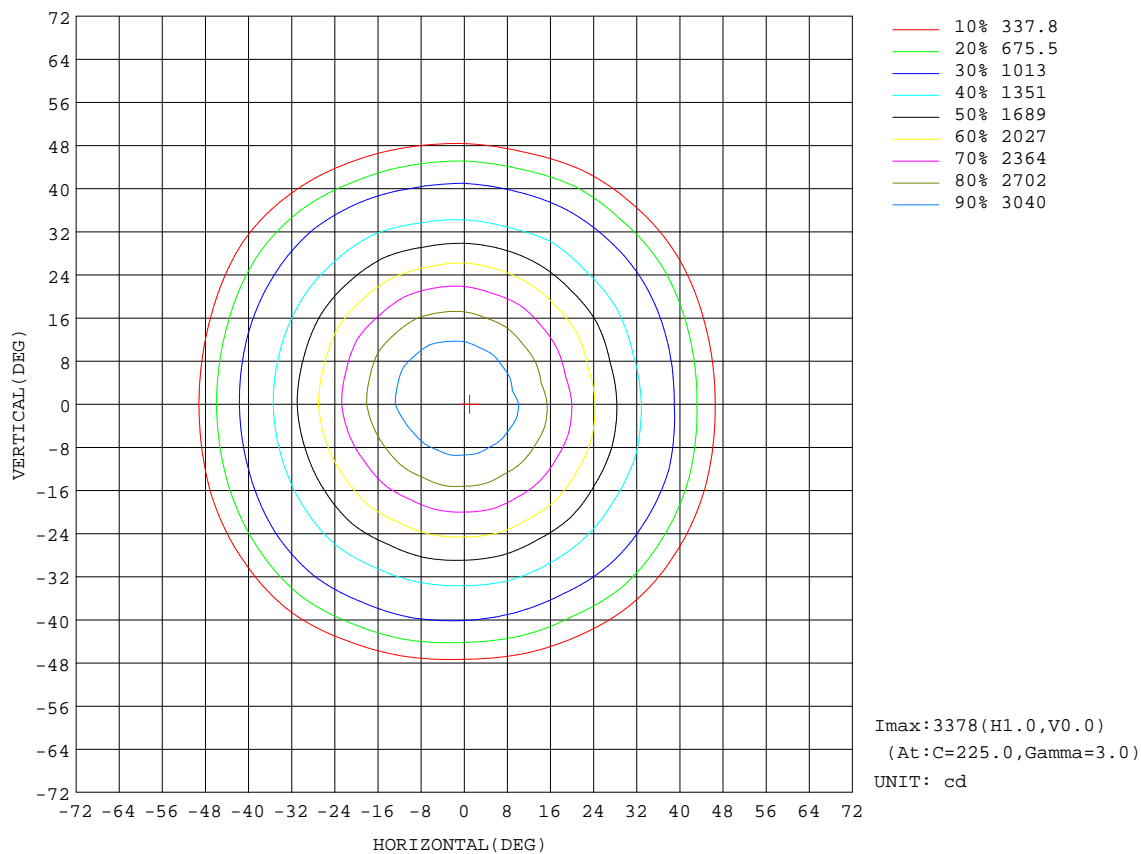
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	68	63
0.80	88	81	77	88	81	77	86	80	76	72
1.00	94	88	83	93	87	83	91	87	82	78
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	97	93	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	95	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
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:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



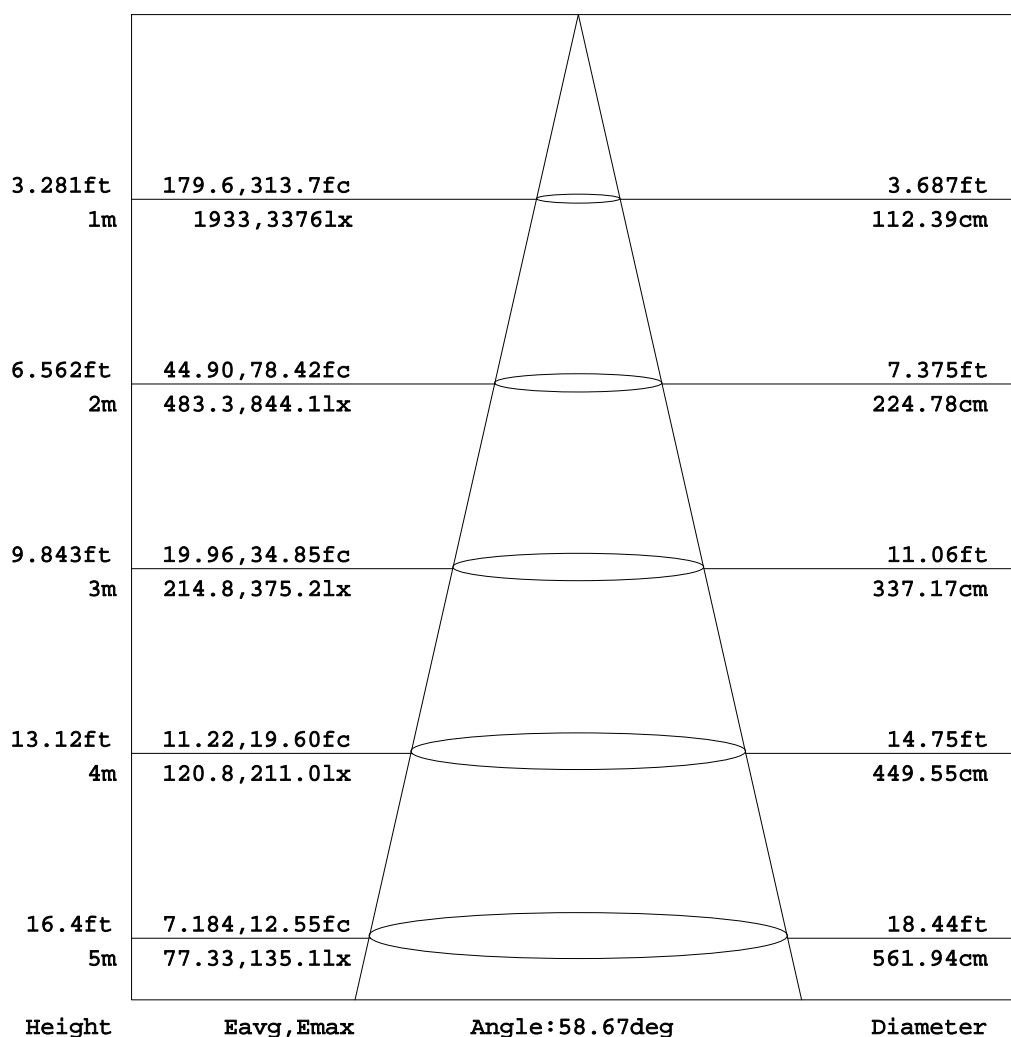
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZhangXiao
 Test Date: 2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 6.610m [K=1.0000]
 Remarks:

AAI Figure

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:2024 lm



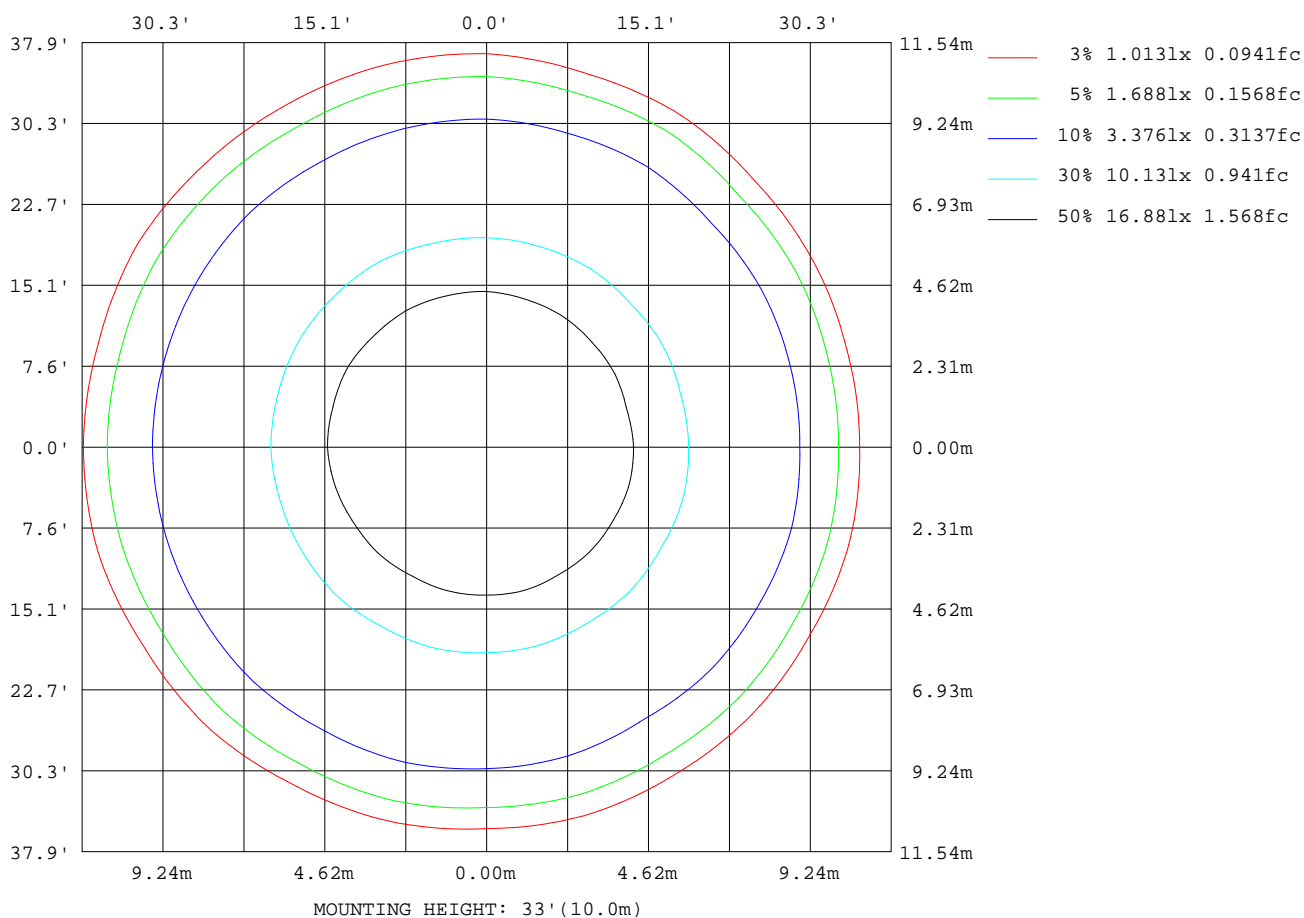
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

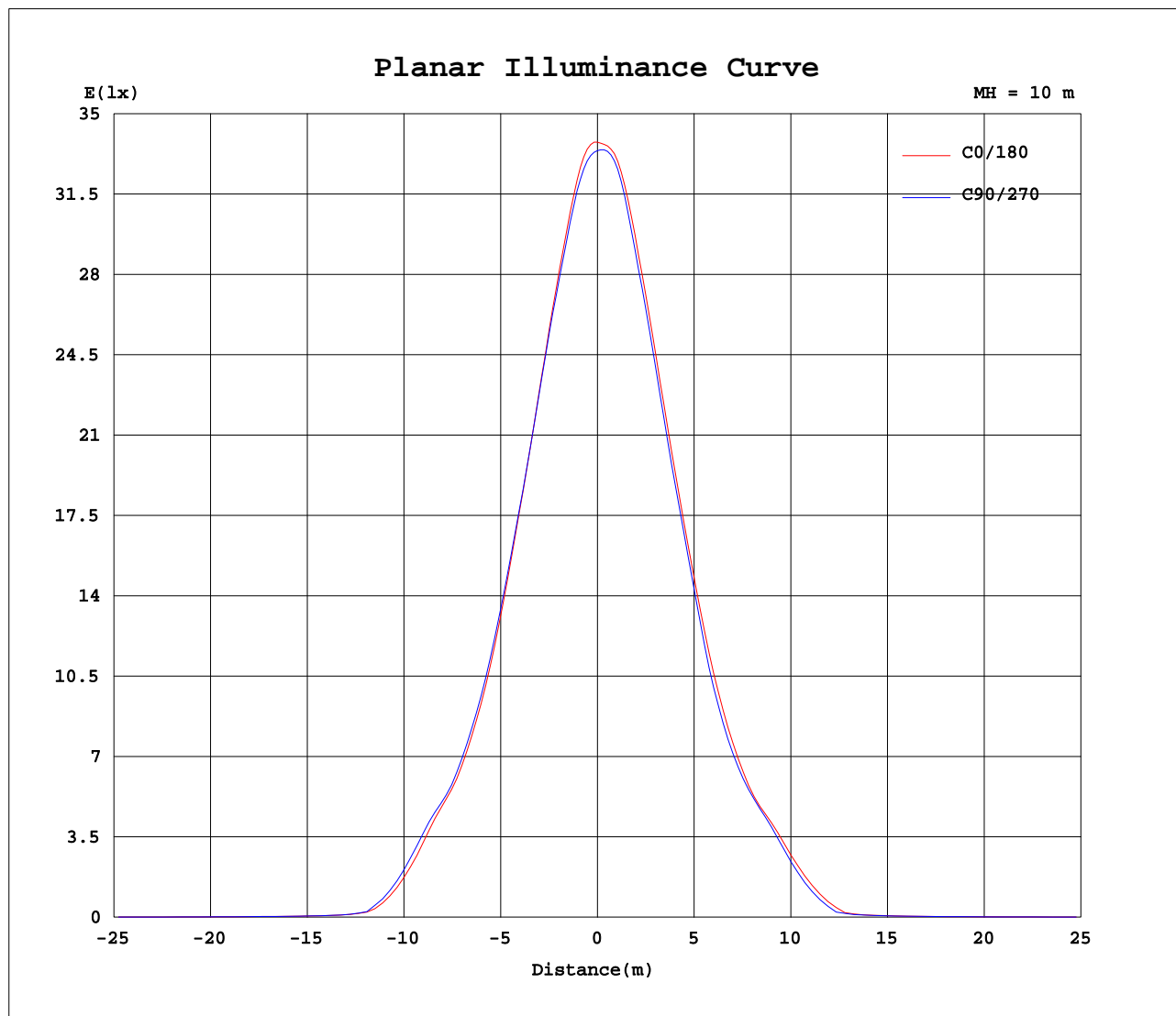
Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [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: 2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 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	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345	3345
5	3275	3273	3260	3260	3252	3258	3258	3270	3275	3296	3305	3324	3334	3338	3349	3352	3351	3342	3339
10	3018	3019	3000	3001	2991	3007	3012	3035	3040	3074	3097	3141	3164	3176	3198	3183	3182	3152	3134
15	2704	2717	2699	2703	2692	2717	2722	2747	2749	2792	2819	2865	2886	2894	2926	2907	2905	2867	2850
20	2339	2351	2336	2349	2346	2370	2369	2386	2389	2439	2467	2524	2543	2550	2586	2559	2565	2530	2500
25	1946	1964	1950	1973	1963	1999	2001	2025	2028	2079	2098	2158	2171	2174	2200	2171	2172	2141	2131
30	1540	1557	1536	1567	1559	1595	1610	1640	1645	1700	1710	1740	1757	1750	1769	1747	1744	1689	1677
35	1193	1217	1190	1210	1231	1261	1262	1285	1297	1344	1350	1365	1369	1370	1370	1360	1369	1319	1302
40	950	983	968	977	965	999	1022	1043	1046	1072	1077	1078	1068	1081	1079	1077	1081	1054	1057
45	487	510	504	530	527	573	586	646	663	722	727	757	761	755	762	748	699	696	688
50	83.5	80.1	79.1	81.0	83.9	87.3	93.1	150	156	202	219	262	256	247	265	241	223	203	182
55	36.1	35.9	35.3	36.1	36.4	36.6	36.8	39.3	40.4	42.5	44.3	47.1	45.3	44.4	45.6	44.4	45.7	43.7	42.1
60	26.0	26.1	25.8	25.9	25.6	26.0	26.4	27.2	27.6	28.3	28.8	29.5	28.9	28.5	28.7	28.4	28.4	28.3	28.3
65	19.4	19.6	19.5	19.6	19.4	19.6	19.7	20.3	20.5	21.1	21.3	21.7	21.4	21.1	21.3	21.2	21.3	20.8	20.8
70	11.1	11.3	11.2	11.4	11.4	11.9	12.1	13.3	13.5	15.0	15.4	16.0	16.1	16.1	16.3	15.9	15.8	14.7	14.3
75	8.97	9.02	9.00	9.11	9.10	9.25	9.29	9.45	9.47	9.56	9.56	9.63	9.86	9.84	9.89	9.83	9.80	9.76	9.74
80	7.97	7.99	8.01	8.06	8.08	8.14	8.18	8.23	8.24	8.27	8.26	8.27	8.70	8.69	8.68	8.66	8.64	8.63	8.61
85	7.16	7.20	7.21	7.26	7.29	7.35	7.38	7.43	7.44	7.47	7.47	7.50	8.09	8.07	8.07	8.04	8.02	7.99	7.97
90	6.19	6.18	6.19	6.15	6.15	6.11	6.10	6.11	6.17	6.32	6.34	6.42	7.14	7.09	7.11	7.03	7.02	6.88	6.85
95	6.78	6.77	6.79	6.75	6.74	6.69	6.67	6.61	6.58	6.52	6.50	6.44	7.34	7.35	7.33	7.36	7.36	7.42	7.44
100	7.52	7.52	7.54	7.50	7.49	7.43	7.41	7.32	7.29	7.21	7.18	7.11	8.12	8.14	8.11	8.16	8.16	8.24	8.26
105	8.46	8.44	8.48	8.43	8.43	8.34	8.32	8.21	8.17	8.07	8.04	7.95	9.04	9.06	9.03	9.09	9.08	9.18	9.20
110	9.59	9.57	9.61	9.55	9.56	9.46	9.43	9.30	9.25	9.12	9.09	8.98	10.1	10.1	10.1	10.2	10.2	10.3	10.3
115	10.9	10.9	11.0	10.9	10.9	10.8	10.8	10.6	10.6	10.4	10.4	10.2	11.3	11.4	11.3	11.4	11.4	11.5	11.5
120	12.5	12.5	12.5	12.4	12.4	12.3	12.3	12.1	12.0	11.9	11.8	11.7	12.7	12.8	12.7	12.8	12.8	12.9	12.9
125	14.1	14.1	14.2	14.1	14.1	14.0	14.0	13.8	13.7	13.5	13.4	13.3	14.3	14.3	14.3	14.3	14.3	14.4	14.5
130	15.9	15.9	15.9	15.9	15.9	15.8	15.7	15.5	15.4	15.3	15.2	15.0	15.9	15.9	15.9	15.9	16.0	16.1	16.1
135	17.6	17.6	17.7	17.6	17.6	17.5	17.5	17.3	17.2	17.0	16.9	16.7	17.6	17.6	17.5	17.6	17.6	17.7	17.8
140	19.3	19.3	19.4	19.3	19.3	19.2	19.2	19.0	18.9	18.8	18.7	18.5	19.2	19.2	19.2	19.2	19.2	19.4	19.4
145	20.8	20.8	20.9	20.8	20.8	20.8	20.7	20.6	20.5	20.4	20.3	20.1	20.6	20.6	20.6	20.7	20.7	20.8	20.9
150	21.9	21.9	22.0	22.0	22.0	21.9	21.9	21.8	21.7	21.7	21.6	21.4	21.8	21.8	21.8	21.8	21.8	21.9	22.0
155	22.9	22.9	23.0	23.0	23.0	23.0	22.9	22.8	22.8	22.7	22.7	22.5	22.7	22.8	22.8	22.8	22.8	22.9	23.0
160	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.8	23.8	23.7	23.7	23.6	23.8	23.8	23.8	23.8	23.9	23.9	24.0
165	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.7	24.6	24.5	24.7	24.7	24.7	24.7	24.8	24.8	24.9
170	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.6	25.6	25.5	25.6	25.6	25.6	25.6	25.7	25.7	25.8
175	26.6	26.6	26.6	26.7	26.6	26.7	26.6	26.6	26.6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6
180	27.0	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.1	27.2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.6V I:0.1810A P:39.20W PF:0.9550 Lamp Flux:3476.75x1 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	3345	3345	3345	3345	3345													
5	3324	3315	3298	3293	3275													
10	3096	3084	3052	3044	3015													
15	2804	2789	2748	2739	2703													
20	2454	2444	2394	2378	2336													
25	2091	2053	2008	1998	1951													
30	1649	1626	1581	1586	1547													
35	1269	1279	1228	1220	1197													
40	1036	1025	1002	994	980													
45	633	626	541	535	505													
50	133	144	98.6	92.6	79.3													
55	39.7	39.7	39.1	38.0	35.6													
60	27.3	27.3	26.7	26.6	25.8													
65	20.1	20.1	19.5	19.5	19.2													
70	12.6	12.3	11.6	11.5	11.2													
75	9.65	9.60	9.48	9.43	9.33													
80	8.57	8.55	8.51	8.49	8.48													
85	7.93	7.90	7.86	7.84	7.81													
90	6.84	6.86	6.93	6.95	7.01													
95	7.53	7.55	7.64	7.65	7.73													
100	8.35	8.38	8.48	8.50	8.59													
105	9.31	9.34	9.46	9.48	9.58													
110	10.4	10.5	10.6	10.6	10.7													
115	11.7	11.7	11.9	11.9	12.0													
120	13.1	13.2	13.3	13.4	13.5													
125	14.7	14.7	14.9	15.0	15.1													
130	16.3	16.4	16.5	16.6	16.7													
135	17.9	18.0	18.2	18.3	18.4													
140	19.6	19.7	19.8	19.9	20.0													
145	21.0	21.1	21.2	21.2	21.3													
150	22.1	22.1	22.2	22.3	22.3													
155	23.1	23.1	23.2	23.2	23.3													
160	24.0	24.1	24.1	24.1	24.2													
165	24.9	25.0	25.0	25.0	25.0													
170	25.8	25.8	25.9	25.9	25.9													
175	26.6	26.7	26.7	26.7	26.7													
180	27.2	27.2	27.1	27.2	27.1													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.610m [K=1.0000]
Remarks: