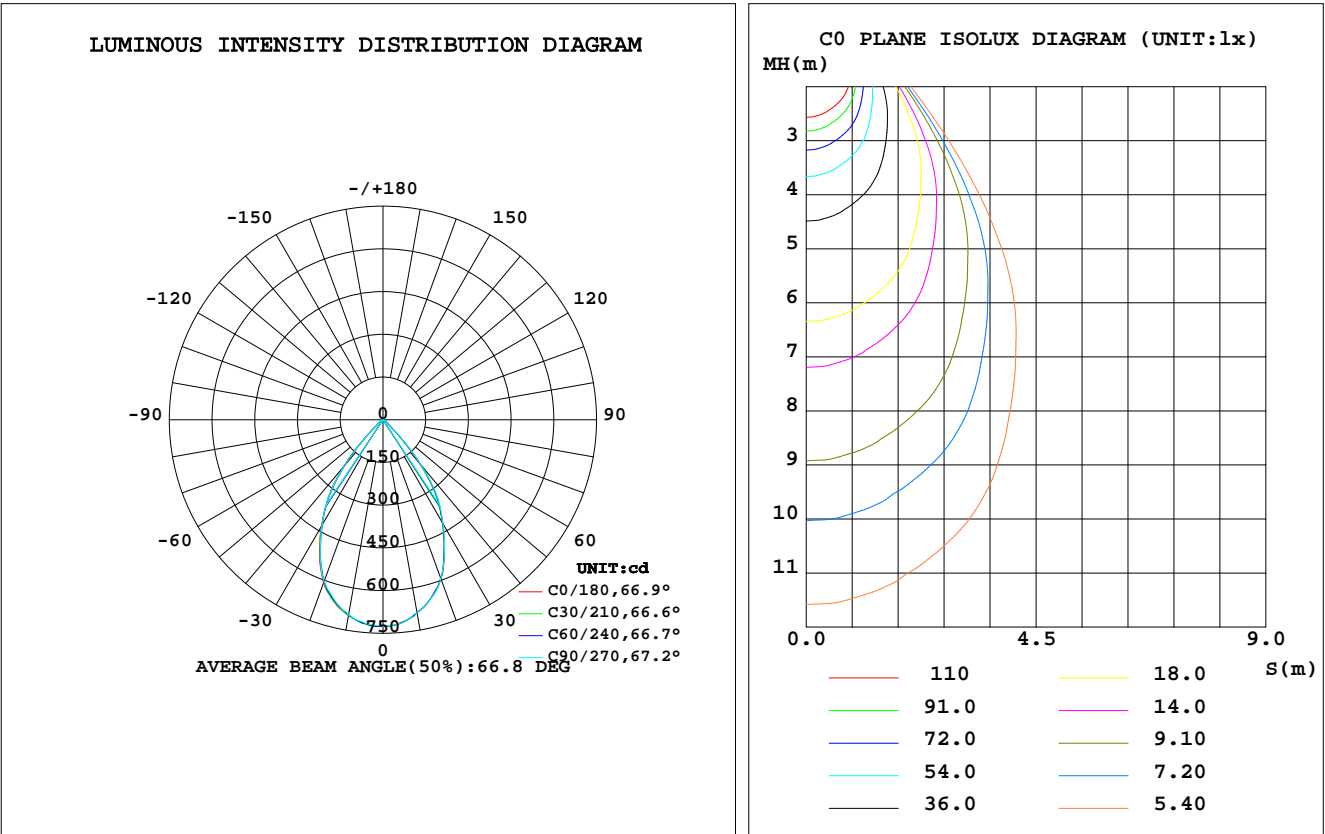


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 96.13 lm/W
MODEL	M021-9W-830-S-60	Imax(cd)	726.8	S/MH(C0/180)	0.97	
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.97	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	817.08	η UP,DN(C0-180)	1.2,48.9	
NOMINAL FLUX(lm)	817.08	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.7	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	1.05	



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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	687.3	689.1	688.0	694.5	697.9	696.3	694.5	687.0	0- 10	67.65	67.65	8.28,8.28
20	595.5	595.4	593.6	605.9	610.3	602.6	604.1	596.6	10- 20	183.4	251.0	30.7,30.7
30	418.7	424.5	422.2	433.0	433.5	426.6	428.9	422.5	20- 30	236.2	487.2	59.6,59.6
40	202.3	207.1	210.6	221.4	215.1	208.3	208.3	202.6	30- 40	202.4	689.6	84.4,84.4
50	23.64	24.36	23.61	24.72	24.95	23.64	23.03	22.19	40- 50	70.36	759.9	93,93
60	13.98	14.07	13.88	14.39	14.36	13.40	13.49	13.57	50- 60	15.80	775.7	94.9,94.9
70	8.933	9.011	8.946	9.369	9.223	8.596	8.626	8.795	60- 70	11.18	786.9	96.3,96.3
80	4.643	4.782	4.652	5.140	4.992	4.596	4.472	4.789	70- 80	7.152	794.1	97.2,97.2
90	1.290	1.347	1.298	1.339	1.476	1.529	1.495	1.584	80- 90	3.332	797.4	97.6,97.6
100	1.568	1.574	1.536	1.554	1.768	1.779	1.794	1.813	90-100	1.653	799.1	97.8,97.8
110	1.991	2.002	1.976	1.991	2.251	2.261	2.273	2.287	100-110	1.988	801.0	98,98
120	2.651	2.650	2.636	2.630	2.898	2.899	2.925	2.941	110-120	2.417	803.5	98.3,98.3
130	3.487	3.485	3.458	3.452	3.673	3.680	3.694	3.720	120-130	2.838	806.3	98.7,98.7
140	4.374	4.379	4.355	4.345	4.484	4.503	4.509	4.521	130-140	3.096	809.4	99.1,99.1
150	5.047	5.061	5.028	5.023	5.120	5.137	5.130	5.138	140-150	2.995	812.4	99.4,99.4
160	5.554	5.569	5.540	5.546	5.618	5.633	5.646	5.634	150-160	2.463	814.8	99.7,99.7
170	6.016	6.034	6.010	6.025	6.056	6.059	6.067	6.059	160-170	1.644	816.5	99.9,99.9
180	6.304	6.314	6.304	6.310	6.301	6.314	6.304	6.305	170-180	0.5870	817.1	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:2015-12-07

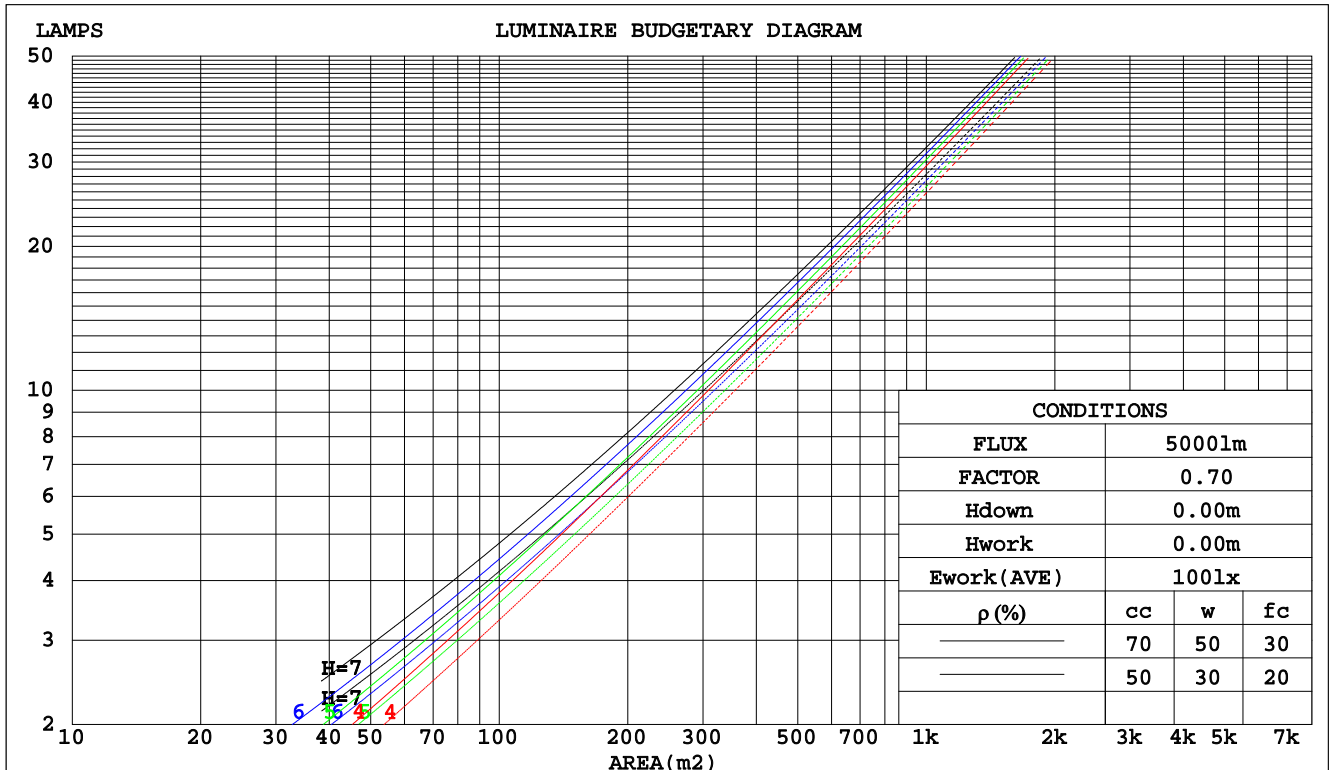
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity:65.0%  
Test Distance:6.590m [K=1.0000]  
Remarks:



### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.09	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.99	.94	.91	.95	.92	.89	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.76
4.0	.86	.80	.75	.85	.79	.75	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5.0	.80	.73	.69	.79	.73	.68	.77	.71	.67	.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	.61	.57	.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	.45



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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	.199	.113	.036	.192	.109	.035	.178	.102	.033	.165	.095	.030	.153	.089	.029	
2.0	.190	.104	.032	.184	.101	.031	.171	.095	.030	.160	.090	.028	.150	.085	.027	
3.0	.180	.096	.029	.175	.094	.028	.164	.089	.027	.155	.085	.026	.146	.081	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.148	.080	.024	.141	.076	.023	
5.0	.162	.083	.024	.158	.081	.024	.150	.078	.023	.142	.075	.022	.135	.072	.022	
6.0	.154	.077	.022	.151	.076	.022	.143	.073	.021	.137	.071	.021	.130	.069	.020	
7.0	.147	.073	.021	.144	.072	.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	
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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.191	.176	.162	.164	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018		
2.0	.177	.151	.129	.152	.130	.111	.104	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.166	.132	.106	.142	.114	.092	.098	.079	.064	.056	.046	.038	.018	.015	.012		
4.0	.156	.118	.089	.134	.102	.077	.092	.071	.054	.053	.042	.032	.017	.014	.011		
5.0	.148	.107	.076	.127	.092	.066	.088	.065	.047	.051	.038	.028	.016	.012	.009		
6.0	.141	.098	.067	.121	.085	.058	.084	.059	.041	.049	.035	.024	.016	.011	.008		
7.0	.135	.090	.059	.116	.078	.052	.080	.055	.037	.047	.032	.022	.015	.011	.007		
8.0	.129	.084	.054	.111	.073	.047	.077	.051	.033	.045	.030	.020	.014	.010	.007		
9.0	.124	.079	.049	.107	.069	.043	.074	.048	.030	.043	.029	.018	.014	.009	.006		
10.0	.120	.075	.045	.103	.065	.040	.072	.046	.028	.042	.027	.017	.014	.009	.006		

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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	2H	24.0	25.0	24.2	25.2	25.4	24.1	25.2	24.4	25.4	25.6
	3H	24.0	24.9	24.3	25.2	25.4	24.1	25.1	24.4	25.3	25.6
	4H	24.0	24.9	24.3	25.2	25.4	24.1	25.0	24.5	25.3	25.6
	6H	24.0	24.9	24.4	25.2	25.5	24.2	25.0	24.5	25.3	25.6
	8H	24.1	24.9	24.4	25.2	25.5	24.2	25.0	24.5	25.3	25.6
	12H	24.1	24.8	24.4	25.2	25.5	24.2	25.0	24.6	25.3	25.6
4H	2H	23.8	24.7	24.1	24.9	25.2	23.9	24.8	24.2	25.1	25.4
	3H	23.9	24.6	24.2	24.9	25.3	24.0	24.8	24.4	25.1	25.4
	4H	24.0	24.7	24.4	25.0	25.4	24.1	24.8	24.5	25.1	25.5
	6H	24.1	24.7	24.5	25.1	25.5	24.2	24.8	24.6	25.2	25.6
	8H	24.1	24.7	24.6	25.1	25.5	24.3	24.8	24.7	25.2	25.6
	12H	24.2	24.7	24.7	25.1	25.6	24.3	24.8	24.8	25.2	25.7
8H	4H	23.9	24.5	24.4	24.9	25.3	24.0	24.6	24.5	25.0	25.4
	6H	24.1	24.6	24.6	25.0	25.5	24.2	24.7	24.7	25.1	25.6
	8H	24.2	24.6	24.7	25.1	25.6	24.3	24.8	24.8	25.2	25.7
	12H	24.4	24.7	24.9	25.2	25.7	24.5	24.8	25.0	25.3	25.8
12H	4H	23.9	24.4	24.3	24.8	25.3	24.0	24.5	24.5	24.9	25.4
	6H	24.1	24.5	24.6	25.0	25.5	24.2	24.6	24.7	25.1	25.6
	8H	24.3	24.6	24.8	25.1	25.6	24.4	24.7	24.9	25.2	25.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 4.1					+ 2.3 / - 4.2					
1.5H	+ 4.4 / - 4.1					+ 4.4 / - 4.2					
2.0H	+ 3.6 / - 0.9					+ 3.9 / - 1.0					

CIE Pub.117 Corrected 817.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	84	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	101	104	101	99	92
4.00	112	109	106	110	107	105	106	103	102	93
5.00	113	111	108	111	109	107	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

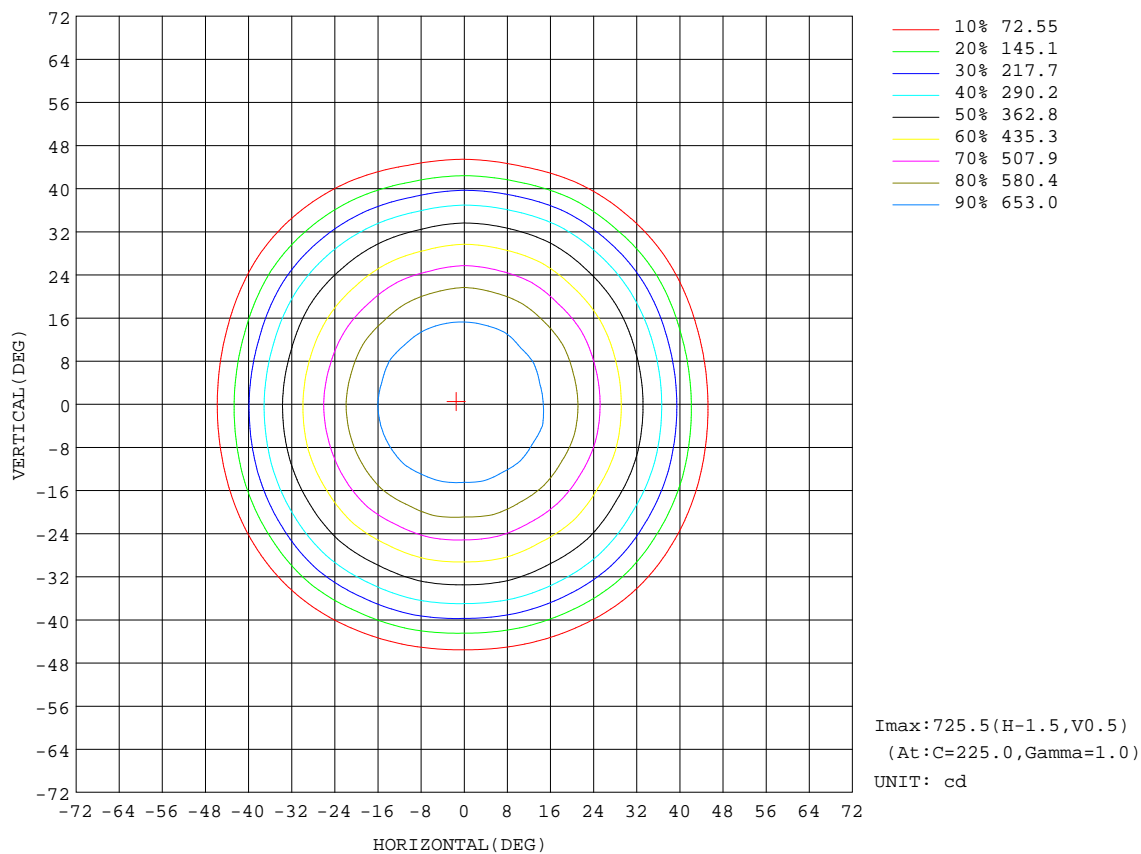
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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: 2015-12-07

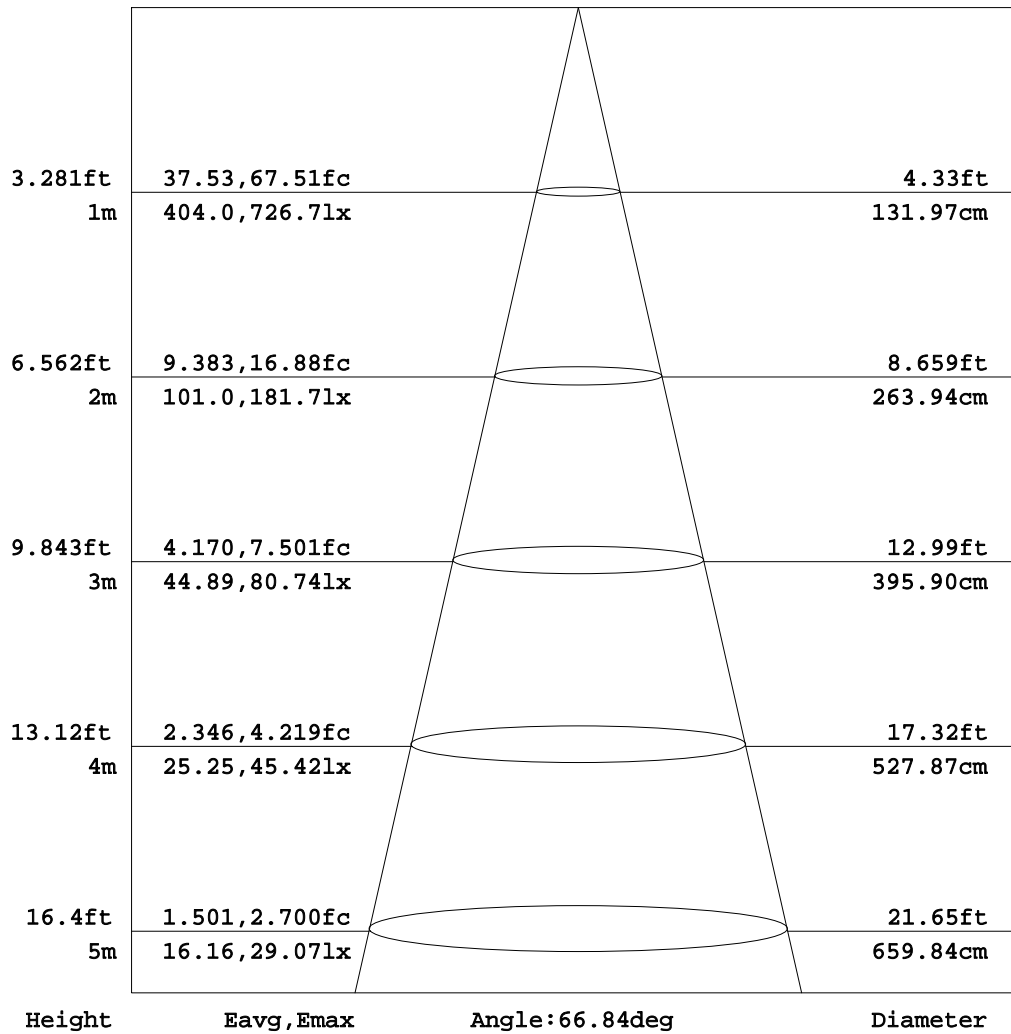
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.265  
Humidity: 65.0%  
Test Distance: 6.590m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:226.5V I:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:577.4 lm



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

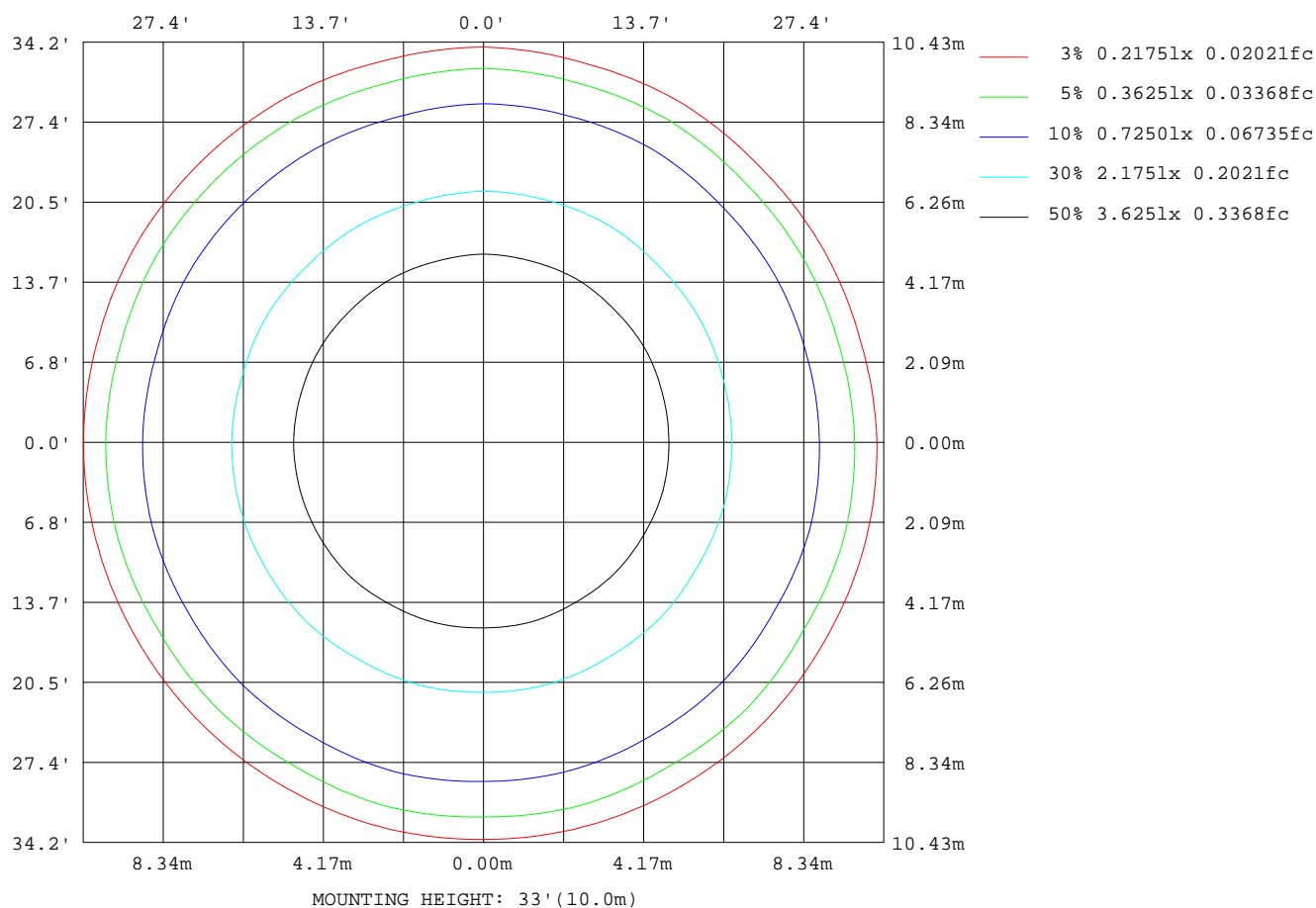
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

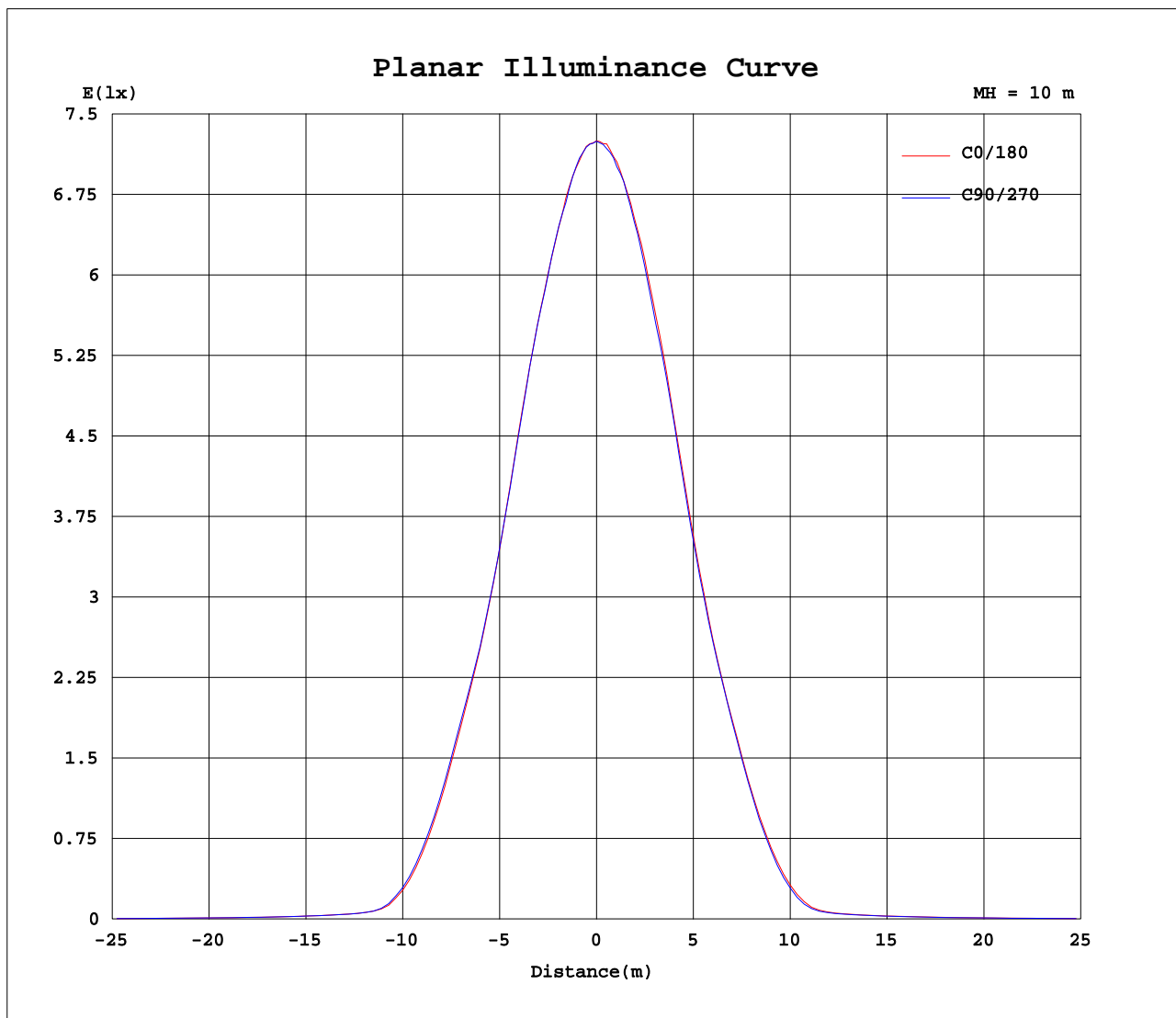


C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2015-12-07

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: 2015-12-07

$\gamma$  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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725
5	715	716	718	719	717	718	717	719	714	718	717	717	718	720	719	721	719	717	717
10	687	690	688	689	687	690	688	691	690	694	695	696	698	697	697	696	695	696	695
15	650	653	650	651	648	650	648	652	653	659	660	661	662	660	662	660	659	656	656
20	595	598	592	595	592	595	594	599	598	606	606	608	610	606	605	603	605	600	604
25	511	512	508	509	507	511	511	516	515	524	525	526	528	521	523	519	521	515	521
30	419	421	419	425	421	424	422	427	425	433	432	436	433	430	430	427	427	424	429
35	326	328	326	333	332	337	335	339	334	340	337	339	338	333	335	332	332	328	334
40	202	205	203	207	208	212	211	218	215	221	217	218	215	209	212	208	208	204	208
45	76.2	78.7	78.1	81.9	82.0	85.6	83.0	86.9	84.2	84.8	85.0	89.0	89.6	85.5	87.9	84.0	84.7	77.2	82.0
50	23.6	23.9	23.6	24.4	23.9	23.9	23.6	24.2	24.1	24.7	24.6	25.1	24.9	24.4	24.4	23.6	23.9	23.1	23.0
55	17.4	17.5	17.4	17.5	17.3	17.3	17.3	17.5	17.5	17.8	17.9	18.1	17.8	17.4	17.2	16.8	16.9	16.7	16.8
60	14.0	14.1	14.0	14.1	13.9	13.9	13.9	14.1	14.1	14.4	14.5	14.7	14.4	13.9	13.7	13.4	13.4	13.4	13.5
65	11.3	11.3	11.2	11.3	11.1	11.2	11.1	11.3	11.4	11.6	11.6	11.8	11.5	11.1	11.0	10.7	10.8	10.7	10.8
70	8.93	8.98	8.92	9.01	8.89	8.95	8.95	9.09	9.13	9.37	9.34	9.46	9.22	8.88	8.78	8.60	8.56	8.48	8.63
75	6.71	6.77	6.69	6.80	6.70	6.71	6.67	6.80	6.85	7.09	7.12	7.20	7.01	6.70	6.64	6.51	6.52	6.40	6.46
80	4.64	4.70	4.62	4.78	4.76	4.70	4.65	4.75	4.80	5.14	5.07	5.11	4.99	4.76	4.68	4.60	4.63	4.43	4.47
85	2.82	2.86	2.82	2.94	3.01	2.87	2.87	2.92	2.97	3.21	3.17	3.20	3.22	3.04	2.94	2.90	2.88	2.77	2.79
90	1.29	1.28	1.29	1.35	1.43	1.29	1.30	1.29	1.29	1.34	1.30	1.28	1.48	1.48	1.48	1.53	1.55	1.50	1.50
95	1.37	1.39	1.37	1.41	1.43	1.39	1.37	1.39	1.36	1.41	1.37	1.38	1.60	1.59	1.61	1.62	1.65	1.62	1.63
100	1.57	1.54	1.55	1.57	1.56	1.54	1.54	1.54	1.52	1.55	1.52	1.53	1.77	1.76	1.78	1.78	1.81	1.78	1.79
105	1.74	1.75	1.74	1.75	1.74	1.74	1.74	1.74	1.72	1.75	1.72	1.73	1.99	1.98	2.00	2.00	2.02	2.00	2.02
110	1.99	2.00	1.99	2.00	1.99	1.99	1.98	1.99	1.97	1.99	1.97	1.97	2.25	2.25	2.26	2.26	2.28	2.26	2.27
115	2.30	2.30	2.29	2.30	2.30	2.29	2.28	2.28	2.27	2.29	2.27	2.27	2.55	2.55	2.56	2.56	2.58	2.57	2.58
120	2.65	2.65	2.65	2.65	2.65	2.64	2.64	2.63	2.62	2.63	2.62	2.61	2.90	2.89	2.91	2.90	2.92	2.91	2.93
125	3.05	3.05	3.05	3.05	3.05	3.04	3.04	3.03	3.01	3.03	3.01	3.01	3.28	3.27	3.28	3.29	3.30	3.29	3.30
130	3.49	3.49	3.48	3.49	3.48	3.47	3.46	3.46	3.44	3.45	3.44	3.43	3.67	3.67	3.68	3.68	3.70	3.69	3.69
135	3.95	3.93	3.95	3.94	3.96	3.92	3.90	3.91	3.89	3.90	3.89	3.88	4.09	4.09	4.09	4.10	4.12	4.10	4.11
140	4.37	4.38	4.38	4.38	4.37	4.36	4.36	4.35	4.33	4.35	4.33	4.32	4.48	4.48	4.49	4.50	4.52	4.50	4.51
145	4.75	4.76	4.75	4.76	4.75	4.75	4.74	4.75	4.71	4.73	4.72	4.72	4.84	4.83	4.85	4.85	4.86	4.85	4.86
150	5.05	5.05	5.05	5.06	5.04	5.05	5.03	5.04	5.01	5.02	5.02	5.02	5.12	5.10	5.13	5.14	5.14	5.12	5.13
155	5.30	5.31	5.31	5.32	5.30	5.29	5.29	5.29	5.27	5.28	5.28	5.27	5.37	5.36	5.39	5.38	5.40	5.38	5.39
160	5.55	5.56	5.56	5.57	5.55	5.55	5.54	5.55	5.52	5.55	5.53	5.54	5.62	5.62	5.64	5.63	5.65	5.63	5.65
165	5.79	5.80	5.80	5.81	5.79	5.79	5.78	5.79	5.76	5.78	5.78	5.79	5.85	5.85	5.88	5.86	5.87	5.85	5.87
170	6.02	6.02	6.03	6.03	6.02	6.02	6.01	6.02	5.99	6.02	6.01	6.01	6.06	6.04	6.06	6.06	6.07	6.05	6.07
175	6.19	6.20	6.20	6.21	6.21	6.20	6.19	6.20	6.17	6.20	6.19	6.19	6.22	6.20	6.22	6.22	6.23	6.21	6.22
180	6.30	6.30	6.31	6.31	6.32	6.30	6.30	6.31	6.29	6.31	6.30	6.30	6.30	6.30	6.31	6.31	6.31	6.30	6.30

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0440A P:8.500W PF:0.8400 Lamp Flux:817.08x1 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	725	725	725	725	725														
5	716	712	715	715	713														
10	692	688	687	689	689														
15	655	654	651	653	648														
20	600	600	597	598	595														
25	519	517	513	516	512														
30	426	428	422	423	419														
35	333	332	329	327	325														
40	207	209	203	203	198														
45	75.1	77.2	72.2	72.7	72.3														
50	22.2	22.2	22.2	22.7	22.7														
55	16.6	16.6	16.8	17.0	17.1														
60	13.4	13.5	13.6	13.8	13.9														
65	10.8	10.9	11.0	11.2	11.3														
70	8.64	8.76	8.80	8.97	9.00														
75	6.49	6.61	6.64	6.86	6.80														
80	4.47	4.61	4.79	4.85	4.76														
85	2.81	2.85	3.02	3.02	2.97														
90	1.51	1.50	1.58	1.56	1.49														
95	1.63	1.63	1.67	1.66	1.60														
100	1.79	1.80	1.81	1.82	1.78														
105	2.01	2.02	2.03	2.03	2.01														
110	2.28	2.28	2.29	2.29	2.27														
115	2.58	2.59	2.60	2.60	2.58														
120	2.93	2.93	2.94	2.95	2.93														
125	3.31	3.31	3.32	3.32	3.31														
130	3.71	3.71	3.72	3.72	3.71														
135	4.12	4.11	4.13	4.14	4.12														
140	4.52	4.51	4.52	4.52	4.51														
145	4.86	4.85	4.87	4.87	4.85														
150	5.14	5.12	5.14	5.13	5.13														
155	5.39	5.38	5.40	5.39	5.37														
160	5.64	5.63	5.63	5.64	5.63														
165	5.87	5.86	5.87	5.87	5.85														
170	6.07	6.05	6.06	6.06	6.05														
175	6.22	6.20	6.21	6.23	6.20														
180	6.31	6.29	6.30	6.30	6.30														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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: