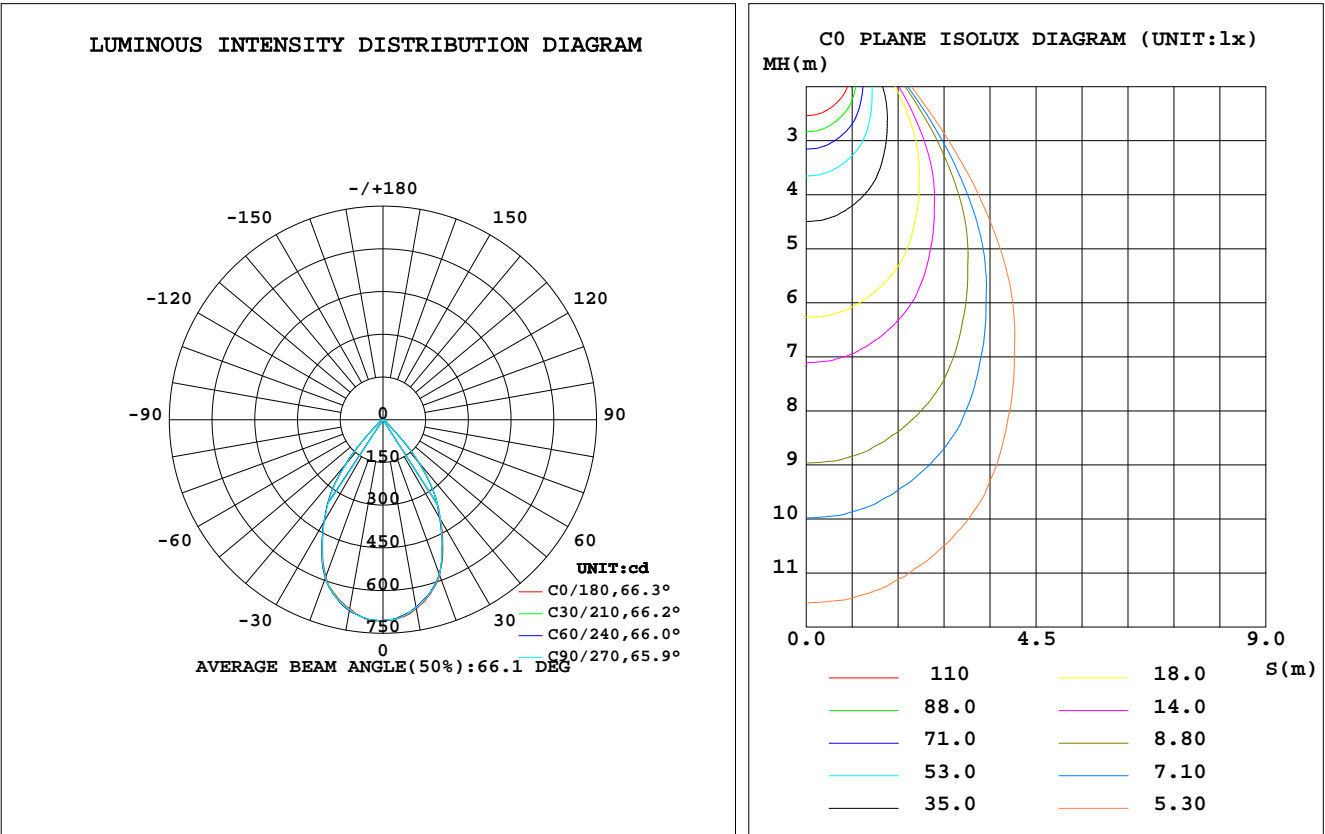


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.540W PF:0.8390 Lamp Flux:789.409x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.44 lm/W
MODEL	TL02-8W-827-S-60	Imax(cd)	706.9	S/MH(C0/180)	0.97	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.96	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	789.41	η UP,DN(C0-180)	1.2,48.6	
NOMINAL FLUX(lm)	789.409	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.1	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	226.4	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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	675.0	665.1	669.4	674.9	672.9	676.9	678.0	675.0	0- 10	65.87	65.87	8.34,8.34
20	582.2	577.1	576.9	585.2	586.4	588.0	590.9	582.0	10- 20	178.5	244.4	31,31
30	405.2	402.4	402.2	412.8	413.7	412.2	414.2	407.4	20- 30	228.2	472.6	59.9,59.9
40	192.5	197.1	195.0	200.8	203.5	202.4	201.4	195.5	30- 40	192.9	665.4	84.3,84.3
50	22.20	22.26	22.27	23.91	22.74	23.06	23.09	22.33	40- 50	68.08	733.5	92.9,92.9
60	13.22	13.55	13.69	13.64	13.21	13.19	13.31	13.05	50- 60	14.93	748.4	94.8,94.8
70	8.857	9.108	9.244	8.875	8.710	8.648	8.738	8.714	60- 70	10.84	759.3	96.2,96.2
80	5.165	5.516	5.310	5.080	5.173	5.102	5.161	5.295	70- 80	7.386	766.7	97.1,97.1
90	1.237	1.277	1.221	1.228	1.425	1.464	1.410	1.420	80- 90	3.938	770.6	97.6,97.6
100	1.482	1.494	1.446	1.460	1.709	1.696	1.693	1.689	90-100	1.574	772.2	97.8,97.8
110	1.899	1.910	1.879	1.882	2.163	2.149	2.153	2.158	100-110	1.891	774.1	98.1,98.1
120	2.527	2.532	2.514	2.510	2.784	2.766	2.768	2.781	110-120	2.299	776.4	98.3,98.3
130	3.332	3.330	3.311	3.300	3.538	3.512	3.521	3.537	120-130	2.708	779.1	98.7,98.7
140	4.190	4.189	4.181	4.160	4.320	4.303	4.300	4.322	130-140	2.963	782.0	99.1,99.1
150	4.824	4.835	4.822	4.827	4.918	4.895	4.912	4.925	140-150	2.869	784.9	99.4,99.4
160	5.340	5.317	5.329	5.322	5.409	5.376	5.403	5.410	150-160	2.361	787.3	99.7,99.7
170	5.767	5.745	5.755	5.764	5.819	5.788	5.816	5.813	160-170	1.575	788.8	99.9,99.9
180	6.046	6.026	6.052	6.057	6.063	6.021	6.045	6.048	170-180	0.5625	789.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

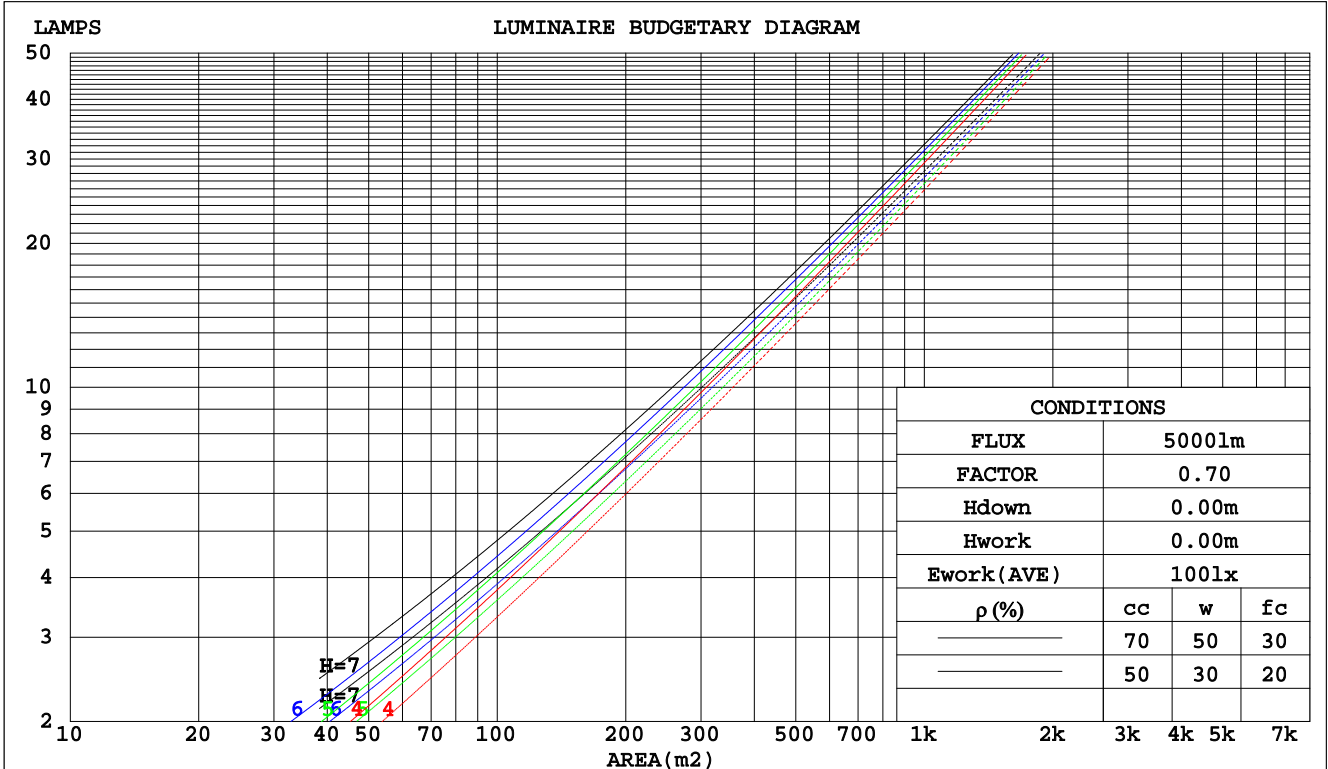
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:

### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.0440A P:8.540W PF:0.8390 Lamp Flux:789.409x1 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	.98	.94	.91	.95	.91	.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	.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	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.47	.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:8.540W PF:0.8390 Lamp Flux:789.409x1 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	.200	.114	.036	.193	.110	.035	.179	.103	.033	.166	.096	.031	.154	.089	.029	
2.0	.190	.104	.032	.184	.101	.031	.172	.096	.030	.161	.090	.028	.151	.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	.149	.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	.068	.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	.175	.161	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.129	.152	.130	.111	.104	.090	.078	.060	.052	.045	.019	.017	.015	
3.0	.166	.132	.105	.142	.114	.091	.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	.064	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.098	.066	.121	.084	.058	.084	.059	.041	.048	.035	.024	.016	.011	.008	
7.0	.135	.090	.059	.116	.078	.051	.080	.055	.036	.046	.032	.022	.015	.011	.007	
8.0	.129	.084	.053	.111	.073	.046	.077	.051	.033	.045	.030	.020	.014	.010	.007	
9.0	.124	.079	.049	.107	.069	.043	.074	.048	.030	.043	.028	.018	.014	.009	.006	
10.0	.119	.075	.045	.103	.065	.039	.071	.046	.028	.042	.027	.017	.013	.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:8.540W PF:0.8390 Lamp Flux:789.409x1 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	23.8	24.8	24.1	25.1	25.3	23.8	24.8	24.1	25.0	25.3	
	3H	23.8	24.8	24.1	25.0	25.3	23.8	24.8	24.1	25.0	25.3
	4H	23.9	24.8	24.2	25.0	25.3	23.9	24.8	24.2	25.0	25.3
	6H	23.9	24.8	24.3	25.1	25.4	24.0	24.8	24.3	25.1	25.4
	8H	24.0	24.8	24.3	25.1	25.4	24.0	24.8	24.4	25.1	25.4
	12H	24.1	24.8	24.4	25.1	25.5	24.1	24.9	24.5	25.2	25.5
4H	2H	23.6	24.5	23.9	24.8	25.1	23.6	24.5	23.9	24.8	25.0
	3H	23.7	24.5	24.1	24.8	25.1	23.7	24.5	24.1	24.8	25.1
	4H	23.9	24.6	24.2	24.9	25.3	23.9	24.6	24.3	24.9	25.3
	6H	24.0	24.6	24.5	25.0	25.4	24.1	24.7	24.5	25.1	25.5
	8H	24.1	24.7	24.6	25.1	25.5	24.2	24.8	24.6	25.1	25.6
	12H	24.3	24.8	24.7	25.2	25.7	24.3	24.9	24.8	25.3	25.7
8H	4H	23.8	24.4	24.3	24.8	25.2	23.9	24.4	24.3	24.8	25.2
	6H	24.1	24.6	24.6	25.0	25.5	24.2	24.6	24.6	25.1	25.5
	8H	24.3	24.7	24.8	25.2	25.7	24.4	24.8	24.9	25.2	25.7
	12H	24.6	24.9	25.1	25.4	25.9	24.6	25.0	25.2	25.5	26.0
12H	4H	23.8	24.3	24.3	24.8	25.2	23.8	24.4	24.3	24.8	25.2
	6H	24.1	24.6	24.6	25.0	25.5	24.2	24.6	24.7	25.1	25.5
	8H	24.4	24.7	24.9	25.2	25.7	24.4	24.8	24.9	25.3	25.8
Variations with the observer position at spacings:											
S = 1.0H	+ 2.1 / - 3.6					+ 2.1 / - 3.5					
1.5H	+ 4.2 / - 3.6					+ 4.2 / - 3.5					
2.0H	+ 3.4 / - 0.7					+ 3.3 / - 0.7					

CIE Pub.117 Corrected 789.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

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:8.540W PF:0.8390 Lamp Flux:789.409x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

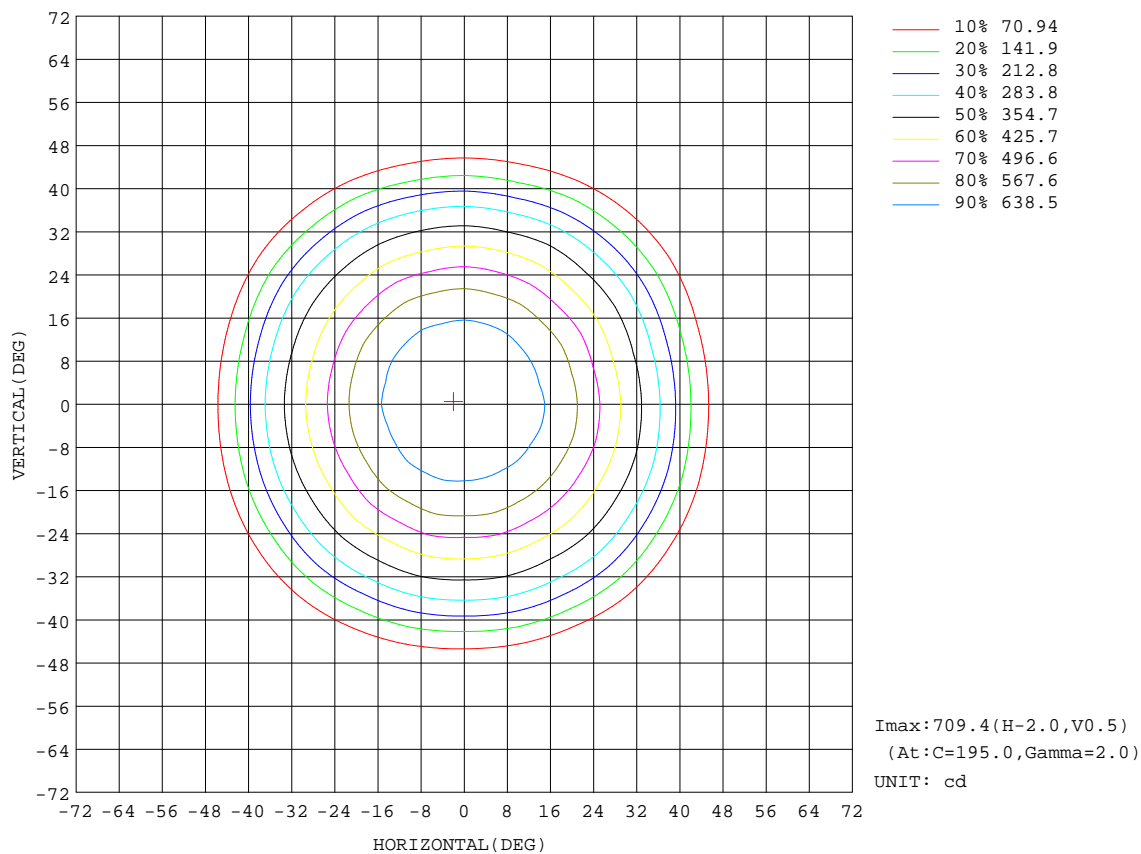
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	87	82	78	74
1.00	95	89	84	94	88	84	92	88	83	79
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	89
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	106	103	101	93
5.00	113	111	108	111	109	107	106	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:8.540W PF:0.8390 Lamp Flux:789.409x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



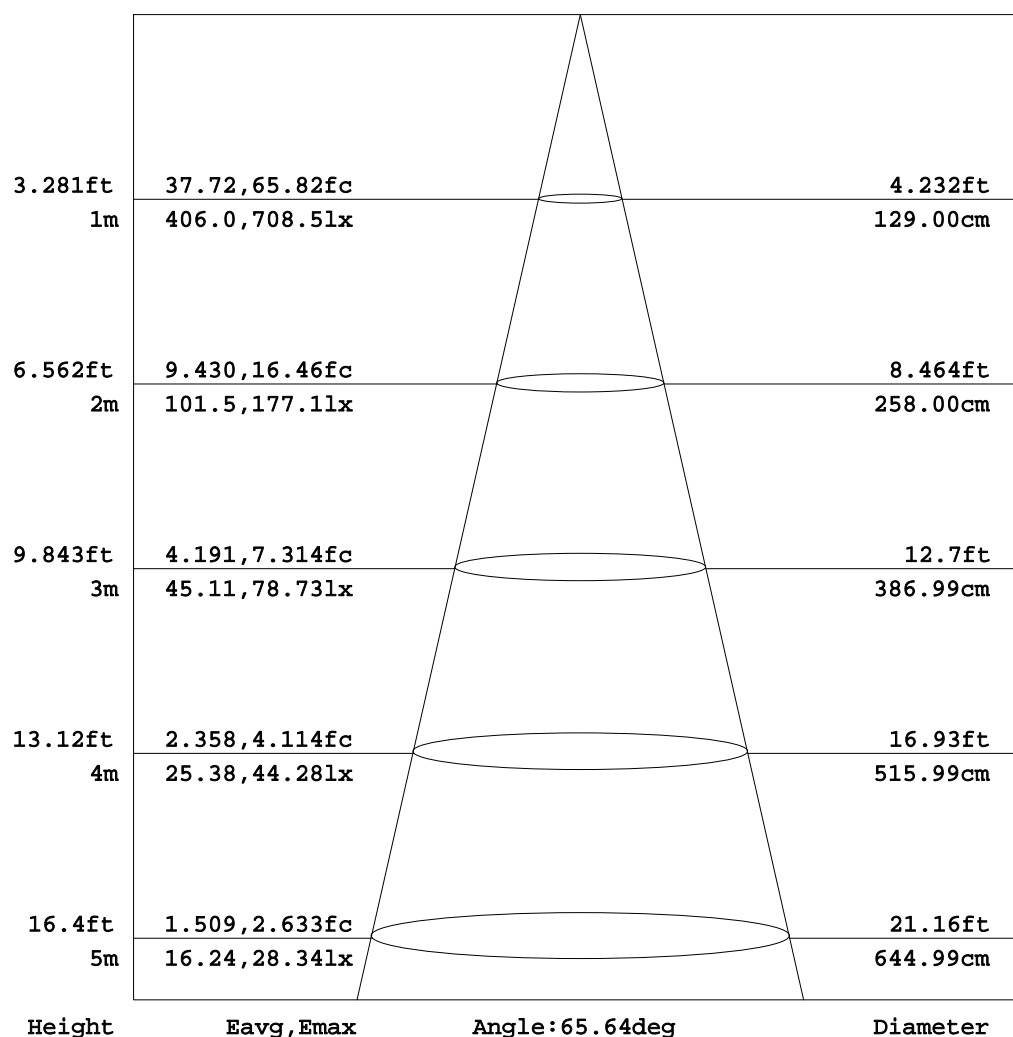
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:8.540W PF:0.8390 Lamp Flux:789.409x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:538.0 lm



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

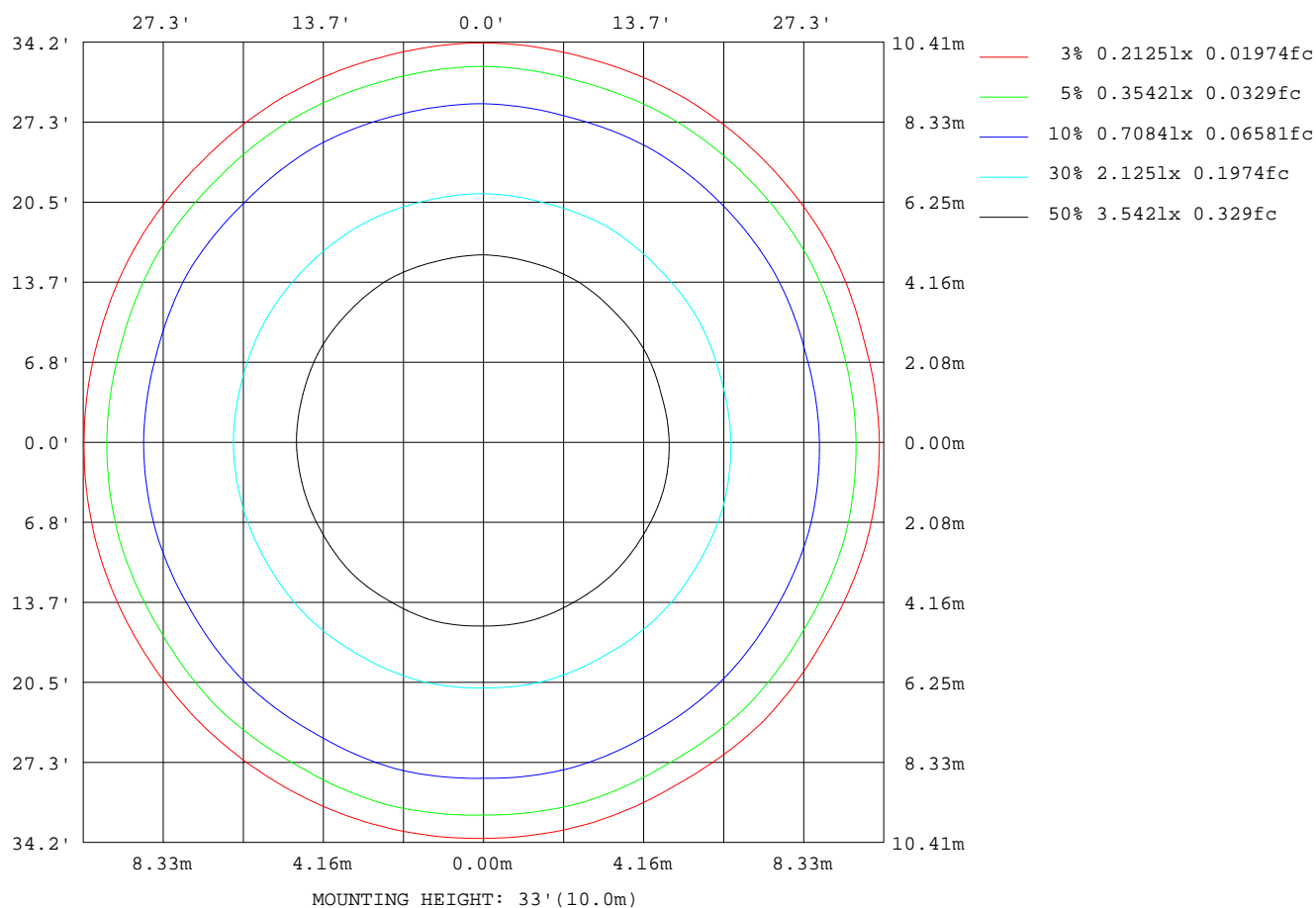
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

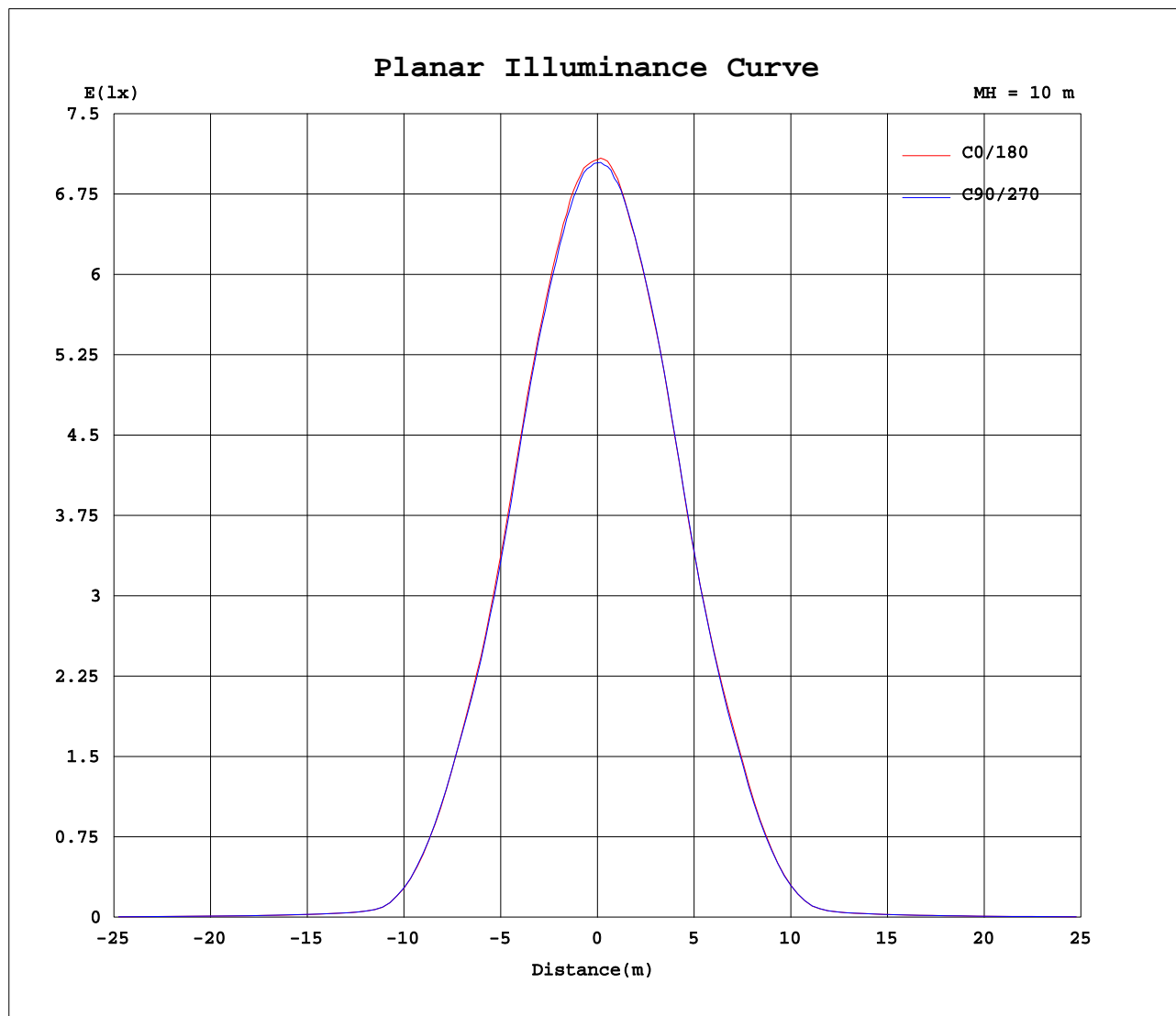
Test:U:226.5V I:0.0440A P:8.540W PF:0.8390 Lamp Flux:789.409x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.540W PF:0.8390 Lamp Flux:789.409x1 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	705	705	705	705	705	705	705	705	705	705	705	705	705	705	705	705	705	705	705
5	698	696	693	693	695	697	697	695	698	700	700	701	700	699	700	695	701	699	698
10	675	673	669	665	669	670	669	671	673	675	674	675	673	677	677	677	680	679	678
15	636	635	632	630	631	631	631	635	636	640	638	639	639	637	643	642	644	643	644
20	582	580	577	577	577	580	577	582	581	585	583	587	586	584	590	588	592	589	591
25	498	499	493	492	491	496	492	498	494	501	497	502	502	501	506	504	509	503	507
30	405	407	403	402	398	404	402	407	405	413	410	414	414	411	415	412	417	411	414
35	313	318	311	313	311	314	312	317	314	318	319	324	324	320	323	319	323	319	318
40	192	197	195	197	195	198	195	198	196	201	199	204	204	201	206	202	206	200	201
45	76.4	78.3	74.3	75.8	73.5	78.1	77.6	81.7	79.8	83.3	81.1	85.2	84.3	81.2	84.6	78.5	83.2	80.6	83.9
50	22.2	21.8	21.5	22.3	22.4	22.4	22.3	22.9	23.1	23.9	23.4	23.0	22.7	22.5	23.0	23.1	23.6	22.8	23.1
55	16.1	16.0	16.0	16.3	16.6	16.7	16.6	16.7	16.7	16.8	16.5	16.3	16.1	16.0	16.1	16.1	16.3	16.1	16.2
60	13.2	13.3	13.3	13.5	13.6	13.9	13.7	13.8	13.6	13.6	13.4	13.3	13.2	13.1	13.3	13.2	13.4	13.2	13.3
65	10.9	11.0	11.0	11.2	11.2	11.4	11.3	11.3	11.1	11.0	10.8	10.8	10.8	10.7	10.8	10.8	10.9	10.7	10.8
70	8.86	9.00	9.01	9.11	9.19	9.34	9.24	9.20	9.02	8.87	8.68	8.70	8.71	8.67	8.71	8.65	8.74	8.65	8.74
75	6.97	7.11	7.14	7.26	7.30	7.41	7.29	7.26	7.02	6.94	6.79	6.80	6.87	6.83	6.91	6.83	6.91	6.87	6.87
80	5.17	5.28	5.31	5.52	5.52	5.50	5.31	5.26	5.09	5.08	5.20	5.07	5.17	5.11	5.16	5.10	5.16	5.11	5.16
85	3.73	3.82	3.84	4.05	4.05	3.98	3.80	3.72	3.59	3.63	3.82	3.70	3.84	3.78	3.80	3.79	3.87	3.82	3.89
90	1.24	1.23	1.24	1.28	1.28	1.22	1.22	1.21	1.22	1.23	1.38	1.25	1.42	1.43	1.42	1.46	1.46	1.42	1.41
95	1.34	1.34	1.34	1.36	1.34	1.32	1.30	1.31	1.30	1.31	1.38	1.32	1.54	1.53	1.54	1.55	1.56	1.52	1.53
100	1.48	1.49	1.49	1.49	1.49	1.46	1.45	1.46	1.45	1.46	1.50	1.46	1.71	1.69	1.70	1.70	1.71	1.68	1.69
105	1.66	1.67	1.66	1.68	1.66	1.65	1.63	1.65	1.63	1.65	1.66	1.65	1.91	1.91	1.90	1.90	1.91	1.90	1.90
110	1.90	1.90	1.90	1.91	1.89	1.90	1.88	1.88	1.87	1.88	1.90	1.88	2.16	2.15	2.15	2.15	2.15	2.15	2.15
115	2.19	2.19	2.19	2.19	2.19	2.18	2.17	2.17	2.16	2.17	2.17	2.17	2.45	2.44	2.44	2.43	2.44	2.43	2.44
120	2.53	2.53	2.52	2.53	2.53	2.52	2.51	2.51	2.50	2.51	2.51	2.50	2.78	2.77	2.77	2.77	2.77	2.76	2.77
125	2.92	2.91	2.92	2.91	2.91	2.90	2.90	2.89	2.88	2.89	2.89	2.88	3.15	3.13	3.14	3.12	3.14	3.13	3.14
130	3.33	3.33	3.33	3.33	3.33	3.33	3.31	3.30	3.30	3.30	3.31	3.30	3.54	3.52	3.51	3.51	3.52	3.51	3.52
135	3.76	3.76	3.76	3.77	3.76	3.76	3.75	3.74	3.74	3.74	3.74	3.74	3.93	3.91	3.92	3.91	3.91	3.92	3.92
140	4.19	4.19	4.19	4.19	4.18	4.19	4.18	4.17	4.19	4.16	4.20	4.16	4.32	4.30	4.31	4.30	4.31	4.30	4.30
145	4.55	4.56	4.55	4.55	4.55	4.55	4.54	4.54	4.53	4.54	4.53	4.53	4.66	4.64	4.63	4.63	4.64	4.63	4.64
150	4.82	4.84	4.83	4.84	4.84	4.83	4.82	4.83	4.82	4.83	4.82	4.82	4.92	4.90	4.91	4.89	4.91	4.90	4.91
155	5.08	5.09	5.08	5.07	5.08	5.09	5.07	5.07	5.07	5.08	5.07	5.08	5.17	5.15	5.16	5.13	5.16	5.15	5.15
160	5.34	5.34	5.34	5.32	5.33	5.34	5.33	5.32	5.31	5.32	5.31	5.31	5.41	5.39	5.39	5.38	5.40	5.40	5.40
165	5.56	5.55	5.55	5.54	5.55	5.56	5.55	5.55	5.54	5.55	5.54	5.55	5.63	5.60	5.61	5.60	5.61	5.60	5.61
170	5.77	5.76	5.76	5.74	5.76	5.77	5.75	5.76	5.76	5.76	5.76	5.76	5.82	5.79	5.81	5.79	5.81	5.80	5.82
175	5.95	5.96	5.94	5.93	5.93	5.95	5.93	5.94	5.94	5.94	5.94	5.94	5.96	5.95	5.96	5.95	5.96	5.97	5.96
180	6.05	6.05	6.03	6.03	6.04	6.05	6.05	6.04	6.04	6.06	6.04	6.04	6.06	6.04	6.05	6.02	6.04	6.04	6.04

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:8.540W PF:0.8390 Lamp Flux:789.409x1 lm					
NAME:			TYPE:		WEIGHT:
DIM.:			SPEC.:		SERIAL No.:
MFR.: Rayconn			SUR.:		PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	705	705	705	705	705														
5	698	700	699	698	698														
10	675	677	675	674	674														
15	642	642	639	637	636														
20	585	587	582	583	579														
25	501	501	497	501	494														
30	409	411	407	409	404														
35	313	317	315	315	309														
40	193	199	196	196	190														
45	79.3	81.2	79.2	80.6	74.1														
50	22.8	23.1	22.3	22.5	22.3														
55	16.2	16.3	15.9	16.0	16.1														
60	13.2	13.2	13.1	13.2	13.1														
65	10.7	10.8	10.7	10.8	10.8														
70	8.67	8.79	8.71	8.80	8.83														
75	6.83	6.94	6.92	7.15	7.00														
80	5.14	5.28	5.30	5.48	5.26														
85	3.94	4.03	4.01	4.16	3.91														
90	1.41	1.41	1.42	1.54	1.42														
95	1.52	1.53	1.53	1.59	1.53														
100	1.68	1.70	1.69	1.74	1.71														
105	1.89	1.90	1.90	1.94	1.92														
110	2.15	2.16	2.16	2.18	2.16														
115	2.44	2.45	2.45	2.47	2.46														
120	2.76	2.78	2.78	2.80	2.79														
125	3.13	3.14	3.14	3.17	3.17														
130	3.51	3.53	3.54	3.56	3.55														
135	3.91	3.93	3.93	3.95	3.94														
140	4.31	4.31	4.32	4.33	4.33														
145	4.63	4.65	4.65	4.66	4.66														
150	4.90	4.92	4.92	4.93	4.92														
155	5.14	5.17	5.16	5.18	5.16														
160	5.38	5.41	5.41	5.41	5.40														
165	5.60	5.63	5.61	5.63	5.61														
170	5.79	5.81	5.81	5.81	5.80														
175	5.95	5.96	5.96	5.96	5.95														
180	6.04	6.05	6.05	6.06	6.05														

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: