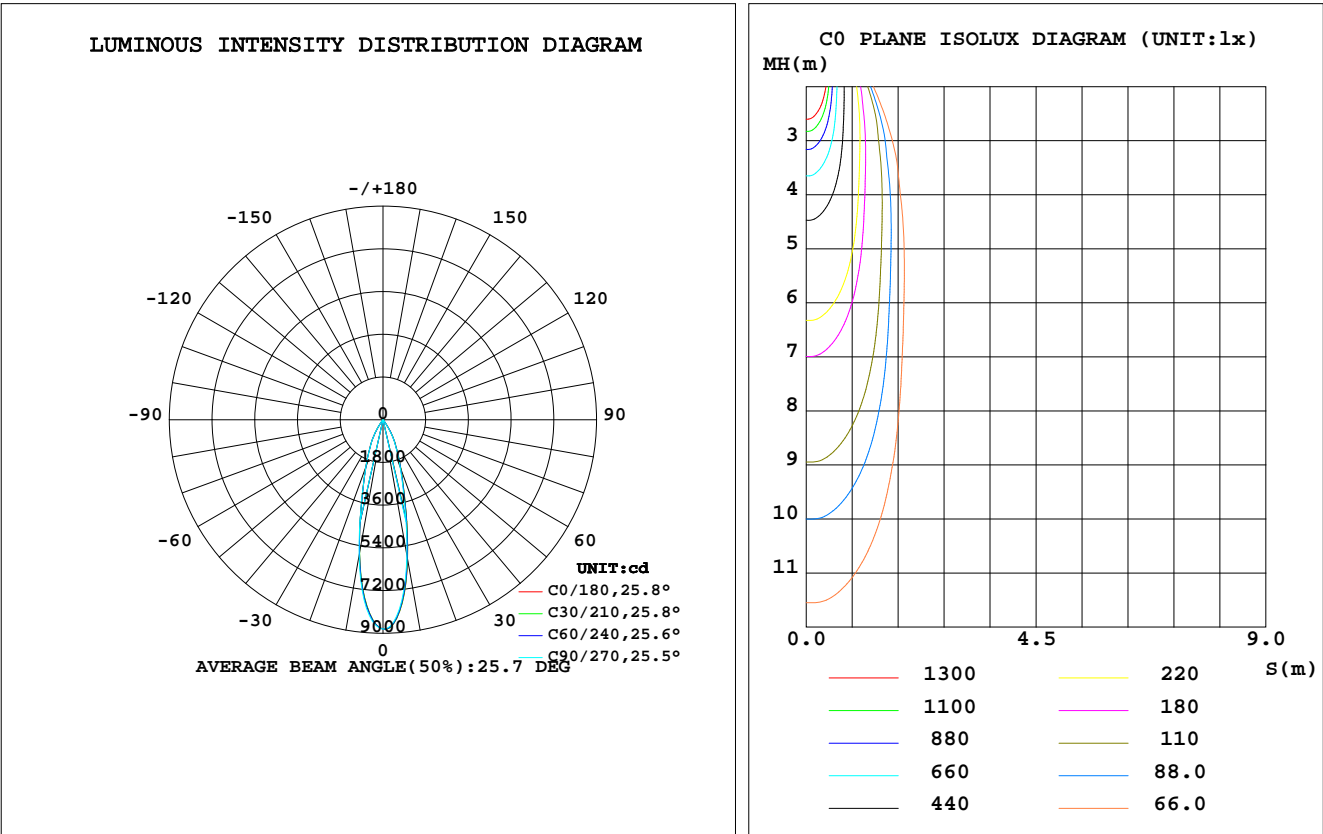


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.52 lm/W			
MODEL	TL30-30W-840-B-24	Imax(cd)	8836	S/MH(C0/180)	0.44
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2679.7	η UP,DN(C0-180)	1.2,49.3
NOMINAL FLUX(lm)	2679.75	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.1
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	226.5	η down(%)	97.4	CIBSE SHR MAX	1.00



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	5967	6014	5788	5756	5711	5608	5787	5851	0- 10	691.9	691.9	25.8,25.8
20	2223	2241	2127	2137	2139	2067	2115	2154	10- 20	986.3	1678	62.6,62.6
30	823.5	823.4	771.4	790.8	762.9	733.6	781.3	811.9	20- 30	624.4	2303	85.9,85.9
40	96.30	101.5	103.7	99.93	94.20	85.87	87.62	89.59	30- 40	199.2	2502	93.4,93.4
50	37.34	37.77	36.98	35.98	35.21	34.30	34.84	35.47	40- 50	45.33	2547	95.1,95.1
60	25.30	25.70	25.34	24.29	23.33	23.11	23.54	23.76	50- 60	26.70	2574	96.96
70	14.36	14.87	14.47	13.99	13.78	13.39	13.42	13.53	60- 70	18.52	2592	96.7,96.7
80	7.244	7.338	7.293	7.325	7.298	7.162	7.221	7.334	70- 80	10.98	2603	97.1,97.1
90	5.133	5.095	5.088	5.053	6.219	6.209	6.195	6.194	80- 90	6.501	2610	97.4,97.4
100	4.535	4.498	4.495	4.494	6.479	6.470	6.465	6.450	90-100	6.027	2616	97.6,97.6
110	5.411	5.359	5.410	5.433	7.168	7.183	7.129	7.124	100-110	6.111	2622	97.8,97.8
120	7.660	7.560	7.673	7.691	8.984	9.014	8.896	8.876	110-120	7.101	2629	98.1,98.1
130	11.78	11.69	11.85	11.91	12.79	12.83	12.64	12.59	120-130	9.025	2638	98.4,98.4
140	16.91	16.83	16.99	17.01	17.54	17.61	17.44	17.38	130-140	11.39	2650	98.9,98.9
150	20.48	20.41	20.49	20.48	20.90	20.94	20.82	20.79	140-150	11.96	2661	99.3,99.3
160	21.96	21.91	21.90	21.88	22.18	22.19	22.13	22.12	150-160	9.930	2671	99.7,99.7
170	21.91	21.86	21.80	21.74	22.04	22.01	22.00	22.04	160-170	6.263	2678	99.9,99.9
180	21.80	21.72	21.67	21.67	21.79	21.72	21.67	21.68	170-180	2.072	2680	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

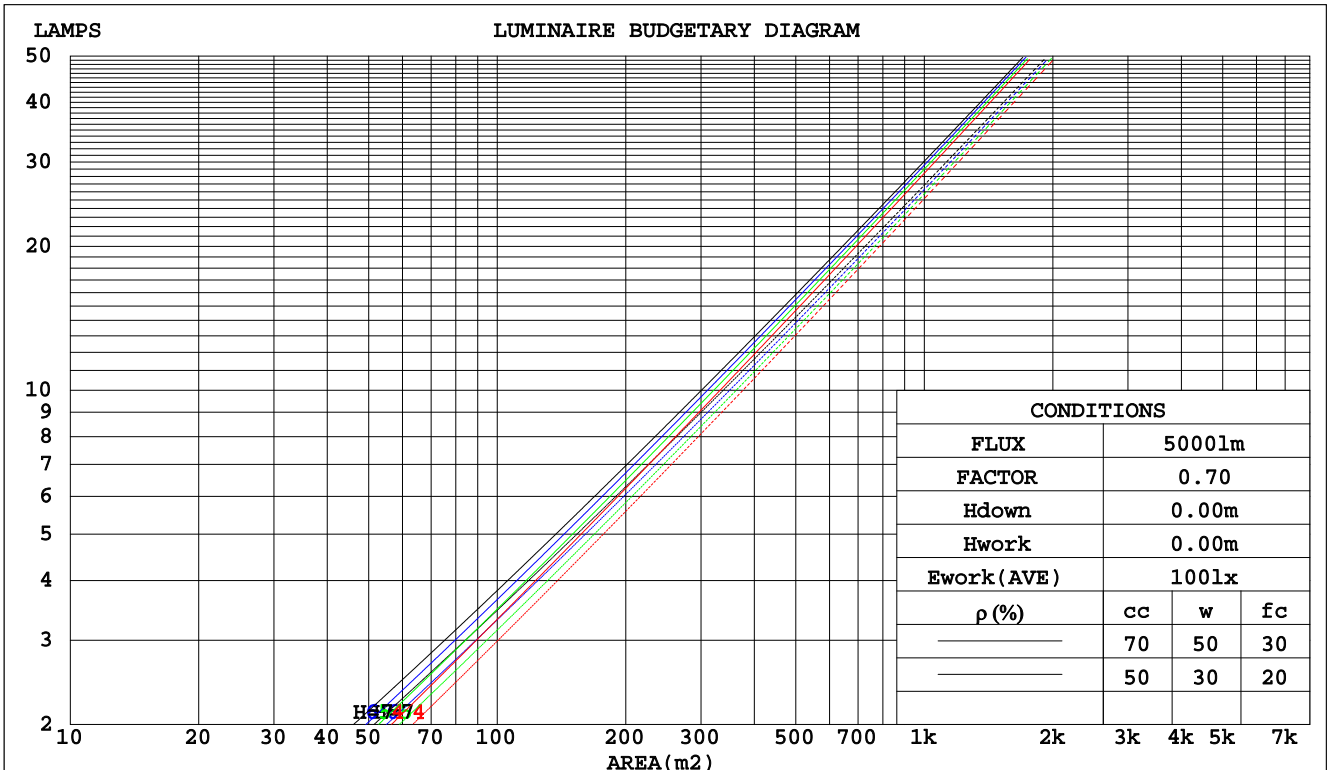
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 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	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	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.95	.95	.93
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.90	.87	.86	.84
4.0	.94	.90	.86	.93	.89	.86	.91	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.90	.85	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.81	.78	.77
6.0	.86	.81	.78	.85	.81	.77	.83	.79	.77	.82	.78	.76	.80	.77	.75	.74
7.0	.82	.78	.74	.82	.77	.74	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
8.0	.79	.74	.71	.79	.74	.71	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.69	.66	.73	.68	.65	.72	.68	.65	.71	.68	.65	.70	.67	.65	.64



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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.159	.090	.029	.152	.086	.027	.138	.079	.025	.125	.072	.023	.113	.065	.021		
2.0	.148	.081	.025	.142	.078	.024	.130	.072	.022	.119	.067	.021	.109	.062	.019		
3.0	.139	.074	.022	.133	.071	.021	.123	.067	.020	.114	.062	.019	.105	.058	.018		
4.0	.130	.068	.020	.126	.066	.019	.117	.062	.019	.109	.059	.018	.102	.055	.017		
5.0	.123	.063	.018	.119	.061	.018	.111	.058	.017	.104	.055	.016	.098	.052	.016		
6.0	.116	.058	.017	.113	.057	.016	.106	.055	.016	.100	.052	.015	.094	.050	.015		
7.0	.111	.055	.016	.108	.054	.015	.102	.051	.015	.096	.049	.014	.091	.047	.014		
8.0	.105	.052	.014	.103	.051	.014	.097	.049	.014	.093	.047	.014	.088	.045	.013		
9.0	.101	.049	.014	.098	.048	.013	.094	.046	.013	.089	.045	.013	.085	.043	.012		
10.0	.096	.046	.013	.094	.046	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012		

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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.190	.178	.166	.162	.152	.143	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.136	.148	.132	.117	.102	.091	.082	.059	.053	.048	.019	.017	.016	
3.0	.159	.134	.113	.137	.115	.098	.094	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.148	.119	.096	.127	.103	.084	.087	.071	.059	.050	.042	.035	.016	.014	.011	
5.0	.138	.107	.084	.119	.092	.073	.082	.065	.051	.047	.038	.030	.015	.012	.010	
6.0	.130	.097	.074	.112	.084	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
7.0	.123	.089	.066	.106	.077	.057	.073	.054	.041	.042	.032	.024	.014	.010	.008	
8.0	.116	.083	.060	.100	.072	.052	.069	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.111	.077	.054	.096	.067	.048	.066	.047	.034	.039	.028	.020	.013	.009	.007	
10.0	.106	.073	.050	.092	.063	.044	.064	.044	.031	.037	.026	.019	.012	.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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 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	16.9	17.7	17.2	17.9	18.1	16.7	17.4	16.9	17.6	17.8	
	3H	17.2	17.9	17.4	18.1	18.3	17.0	17.7	17.3	17.9	18.2
	4H	17.3	18.0	17.6	18.2	18.5	17.1	17.8	17.4	18.1	18.3
	6H	17.4	18.1	17.8	18.4	18.6	17.3	17.9	17.6	18.2	18.5
	8H	17.5	18.1	17.9	18.4	18.7	17.4	18.0	17.7	18.3	18.6
	12H	17.6	18.2	18.0	18.5	18.8	17.5	18.0	17.8	18.4	18.7
4H	2H	16.9	17.5	17.2	17.8	18.1	16.7	17.3	17.0	17.6	17.9
	3H	17.3	17.9	17.6	18.2	18.5	17.1	17.7	17.5	18.0	18.3
	4H	17.5	18.0	17.9	18.4	18.7	17.4	17.9	17.7	18.2	18.6
	6H	17.8	18.2	18.2	18.6	19.0	17.6	18.1	18.0	18.5	18.9
	8H	17.9	18.3	18.3	18.7	19.1	17.8	18.2	18.2	18.6	19.0
	12H	18.1	18.5	18.5	18.9	19.3	17.9	18.3	18.4	18.8	19.2
8H	4H	17.5	18.0	18.0	18.4	18.8	17.4	17.8	17.8	18.2	18.7
	6H	17.9	18.3	18.4	18.7	19.2	17.8	18.1	18.3	18.6	19.1
	8H	18.1	18.4	18.6	18.9	19.4	18.0	18.3	18.5	18.8	19.3
	12H	18.4	18.7	18.9	19.2	19.7	18.3	18.6	18.8	19.1	19.6
12H	4H	17.5	17.9	18.0	18.3	18.8	17.4	17.8	17.8	18.2	18.6
	6H	17.9	18.2	18.4	18.7	19.2	17.8	18.1	18.3	18.6	19.1
	8H	18.2	18.4	18.7	18.9	19.4	18.0	18.3	18.6	18.8	19.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.9 / - 0.8					+ 0.9 / - 0.8					
1.5H	+ 1.8 / - 0.7					+ 1.8 / - 0.8					
2.0H	+ 0.7 / - 0.3					+ 0.8 / - 0.3					

CIE Pub.117 Corrected 2680 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

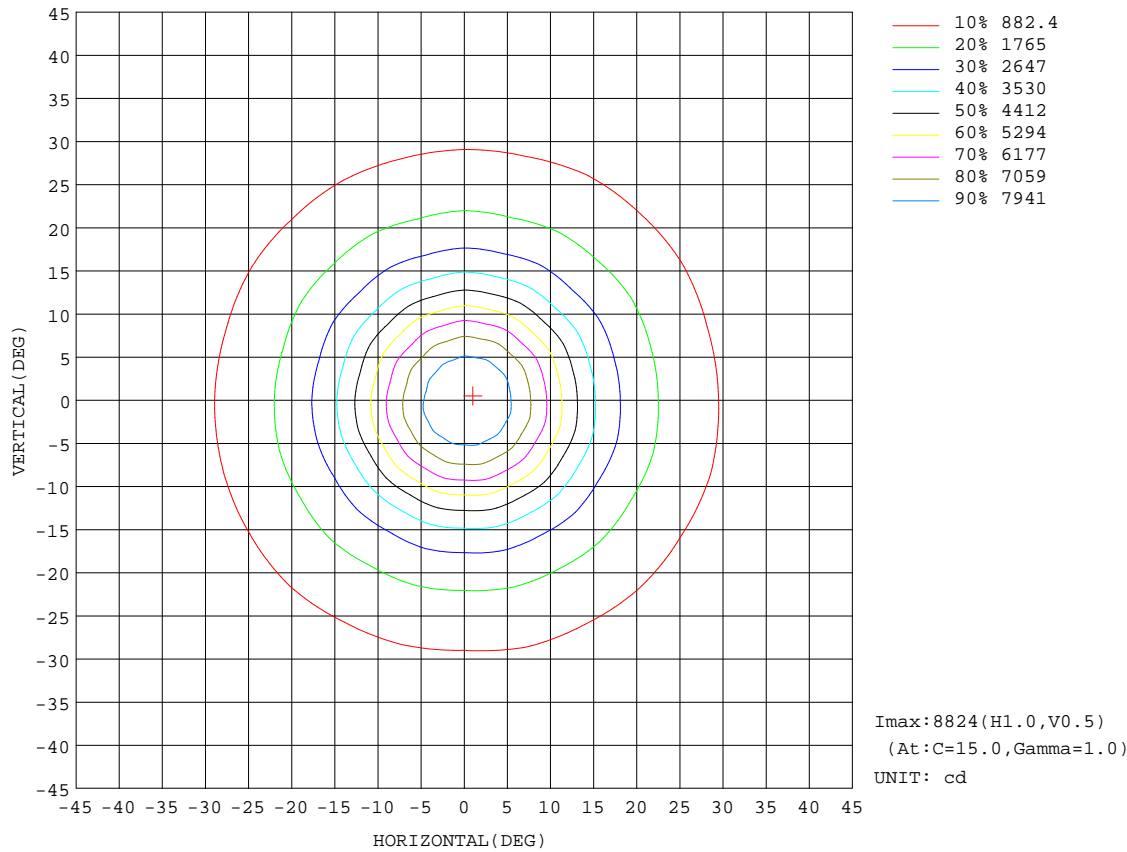
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	88	85	92	88	85	81
1.00	99	93	90	98	93	89	96	92	89	85
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	97	101	98	95	90
2.00	108	104	100	106	102	99	103	100	98	92
2.50	109	106	103	108	104	102	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	97
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

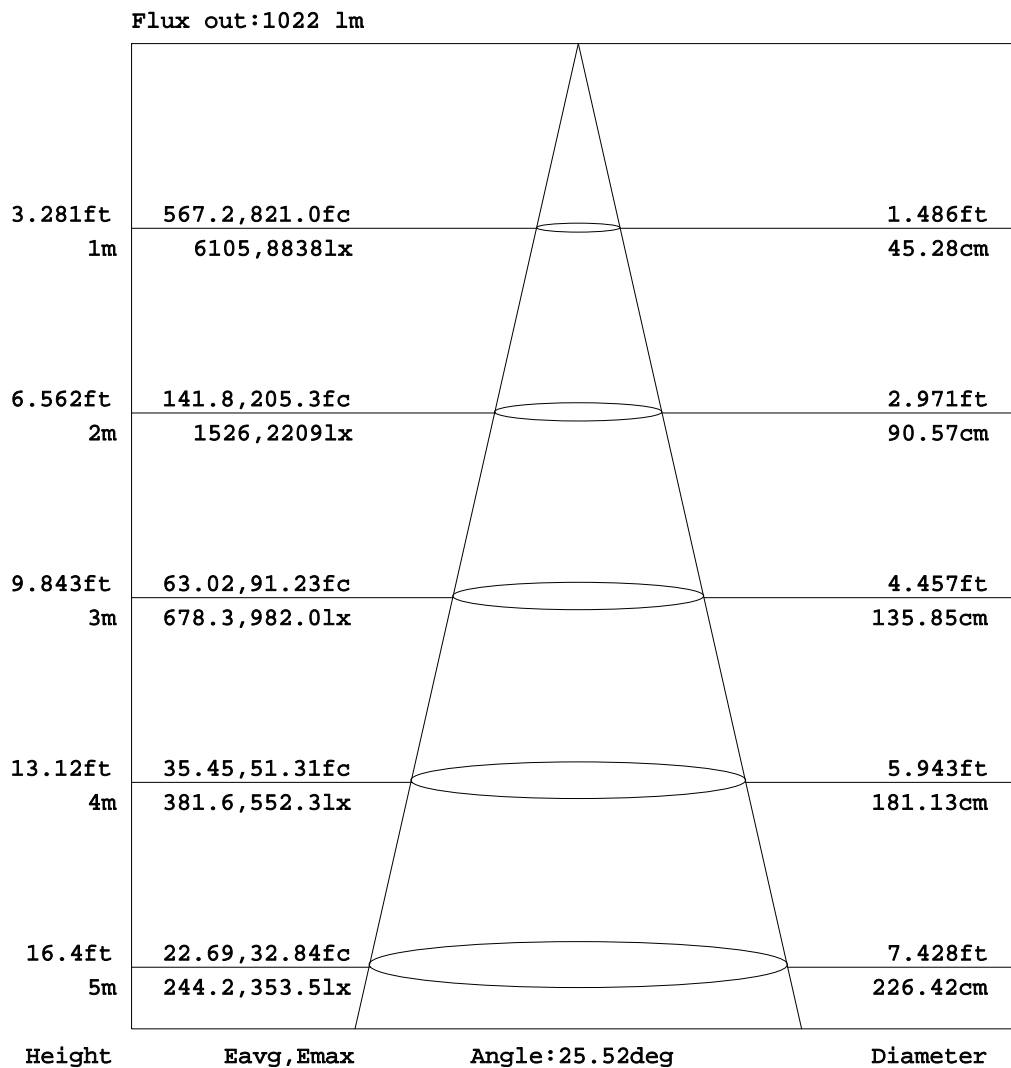
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

### AAI Figure

Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

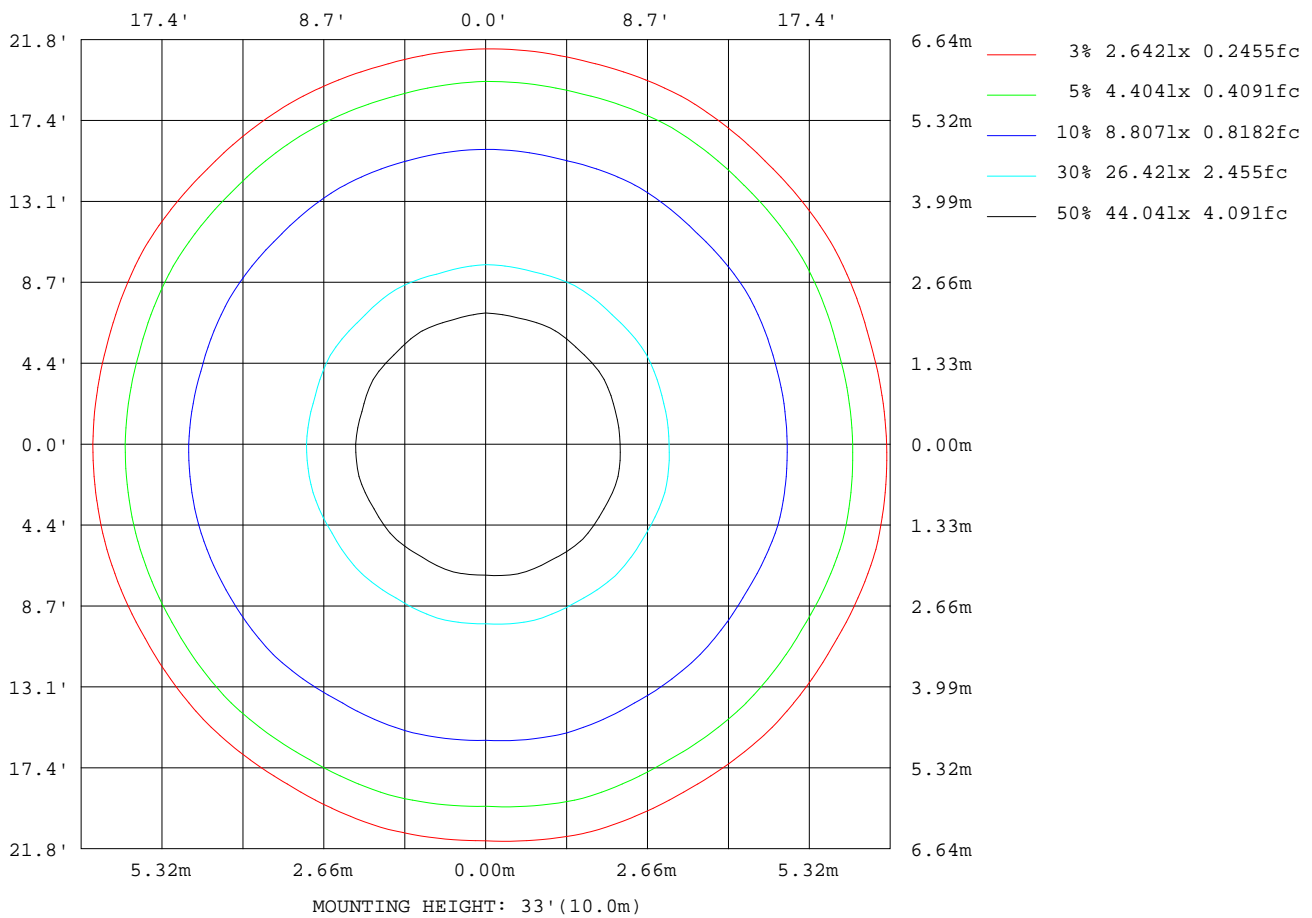
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

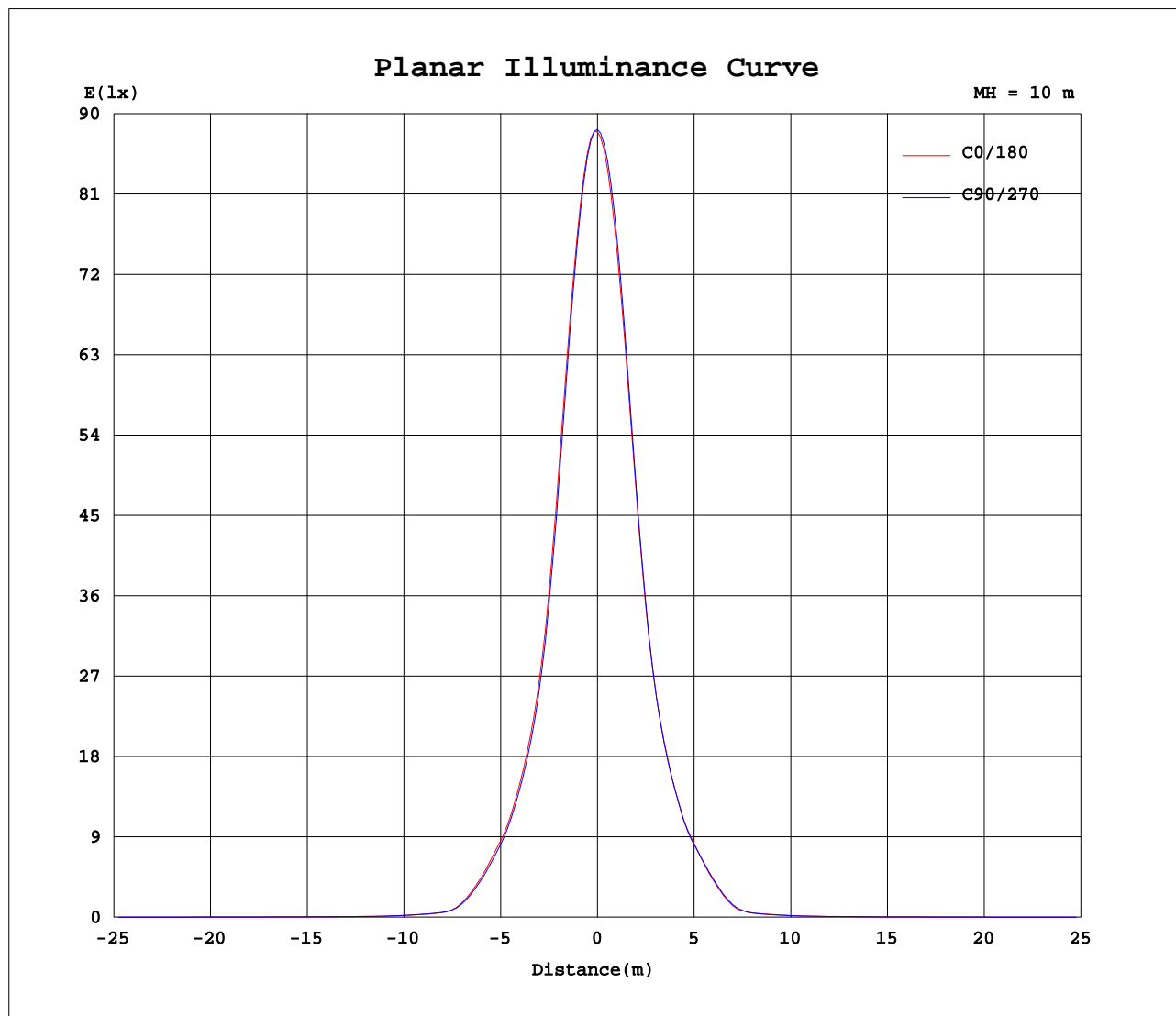
Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 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:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 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	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821	8821
5	8100	8151	8096	8138	8056	8084	7996	8014	7932	7951	7874	7900	7866	7806	7863	7824	7904	7885	7982
10	5967	6056	5959	6014	5895	5927	5788	5829	5712	5756	5660	5729	5711	5613	5698	5608	5718	5642	5787
15	3608	3688	3608	3663	3552	3577	3462	3493	3399	3445	3381	3445	3449	3378	3443	3361	3438	3367	3469
20	2223	2260	2208	2241	2182	2191	2127	2144	2097	2137	2103	2137	2139	2089	2127	2067	2104	2058	2115
25	1380	1411	1359	1374	1348	1361	1321	1335	1307	1338	1320	1325	1317	1287	1295	1276	1295	1282	1297
30	823	853	814	823	802	823	771	793	769	791	765	769	763	739	751	734	754	751	781
35	295	322	306	317	293	303	274	277	250	251	231	238	232	227	248	232	239	234	255
40	96.3	101	99.4	102	100	103	104	106	102	99.9	96.3	95.7	94.2	91.5	90.0	85.9	85.3	84.8	87.6
45	58.4	61.4	61.0	62.1	61.1	62.4	61.6	62.7	60.2	59.3	56.7	56.6	55.8	54.1	54.1	51.9	52.0	51.4	53.0
50	37.3	37.9	37.7	37.8	37.0	37.2	37.0	37.1	36.5	36.0	35.2	35.3	35.2	34.8	34.7	34.3	34.5	34.2	34.8
55	31.1	31.2	31.1	31.0	30.7	30.6	30.6	30.8	30.3	29.8	29.2	29.2	29.1	28.7	28.7	28.7	28.8	28.7	28.9
60	25.3	25.8	25.5	25.7	25.4	25.6	25.3	25.4	24.7	24.3	23.6	23.6	23.3	23.1	23.2	23.1	23.4	23.3	23.5
65	19.2	19.7	19.6	19.7	19.5	19.6	19.3	19.3	18.8	18.5	18.1	18.2	17.9	17.7	17.7	17.6	17.7	17.5	17.8
70	14.4	14.8	14.7	14.9	14.6	14.7	14.5	14.4	14.1	14.0	13.8	13.9	13.8	13.7	13.6	13.4	13.4	13.3	13.4
75	10.5	10.7	10.7	10.8	10.6	10.7	10.6	10.6	10.4	10.4	10.2	10.3	10.2	10.0	10.0	9.86	9.90	9.83	9.98
80	7.24	7.37	7.27	7.34	7.23	7.33	7.29	7.40	7.32	7.32	7.14	7.14	7.30	7.25	7.25	7.16	7.21	7.16	7.22
85	5.50	5.47	5.49	5.46	5.48	5.46	5.48	5.45	5.48	5.44	5.47	5.44	6.06	6.06	6.05	6.05	6.04	6.04	6.04
90	5.13	5.11	5.12	5.10	5.10	5.08	5.09	5.06	5.08	5.05	5.07	5.05	6.22	6.22	6.21	6.21	6.20	6.20	6.19
95	4.73	4.70	4.71	4.68	4.69	4.66	4.67	4.65	4.67	4.64	4.67	4.64	6.34	6.36	6.34	6.35	6.33	6.34	6.33
100	4.54	4.52	4.52	4.50	4.50	4.48	4.49	4.48	4.50	4.49	4.51	4.51	6.48	6.48	6.48	6.47	6.47	6.47	6.47
105	4.75	4.73	4.73	4.72	4.73	4.72	4.74	4.73	4.76	4.76	4.79	4.78	6.73	6.74	6.73	6.73	6.72	6.72	6.71
110	5.41	5.37	5.39	5.36	5.39	5.37	5.41	5.40	5.45	5.43	5.49	5.46	7.17	7.19	7.17	7.18	7.15	7.16	7.13
115	6.38	6.31	6.35	6.30	6.35	6.31	6.38	6.35	6.43	6.39	6.48	6.43	7.89	7.92	7.88	7.90	7.86	7.88	7.83
120	7.66	7.58	7.63	7.56	7.63	7.58	7.67	7.63	7.74	7.69	7.80	7.75	8.98	9.05	8.97	9.01	8.94	8.97	8.90
125	9.46	9.35	9.42	9.33	9.44	9.37	9.50	9.43	9.58	9.51	9.65	9.58	10.6	10.7	10.6	10.7	10.6	10.6	10.5
130	11.8	11.7	11.8	11.7	11.8	11.7	11.9	11.8	12.0	11.9	12.0	12.0	12.8	12.9	12.8	12.8	12.7	12.8	12.6
135	14.4	14.3	14.4	14.3	14.4	14.4	14.5	14.5	14.6	14.5	14.7	14.6	15.2	15.3	15.2	15.3	15.2	15.2	15.1
140	16.9	16.8	16.9	16.8	16.9	16.9	17.0	17.0	17.1	17.0	17.1	17.1	17.5	17.6	17.5	17.6	17.5	17.6	17.4
145	19.0	18.9	18.9	18.9	19.0	18.9	19.0	19.0	19.1	19.0	19.1	19.1	19.5	19.6	19.5	19.5	19.5	19.5	19.4
150	20.5	20.4	20.5	20.4	20.5	20.4	20.5	20.5	20.5	20.5	20.6	20.5	20.9	21.0	20.9	20.9	20.9	20.9	20.8
155	21.5	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.4	21.8	21.8	21.8	21.8	21.7	21.8	21.7
160	22.0	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.1
165	22.1	22.1	22.1	22.1	22.1	22.1	22.0	22.0	22.0	22.0	22.0	22.0	22.3	22.3	22.2	22.3	22.2	22.3	22.2
170	21.9	21.9	21.9	21.9	21.8	21.8	21.8	21.8	21.8	21.7	21.7	21.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0
175	21.6	21.6	21.6	21.5	21.5	21.5	21.5	21.4	21.4	21.4	21.4	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.6
180	21.8	21.8	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.7	21.7	21.7	21.7	21.7

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:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.1250A P:27.20W PF:0.9590 Lamp Flux:2679.75x1 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	8821	8821	8821	8821	8821														
5	7967	8058	8028	8110	8069														
10	5746	5898	5851	5985	5920														
15	3433	3550	3512	3627	3563														
20	2090	2178	2154	2228	2196														
25	1291	1340	1336	1377	1367														
30	783	826	812	829	801														
35	252	273	265	283	272														
40	87.1	89.6	89.6	93.5	93.0														
45	52.6	54.0	53.8	55.8	55.8														
50	35.0	35.6	35.5	36.1	36.4														
55	29.1	29.5	29.4	29.8	30.2														
60	23.4	23.8	23.8	24.3	24.4														
65	17.8	18.0	17.9	18.3	18.4														
70	13.5	13.6	13.5	13.7	13.8														
75	10.0	10.2	10.1	10.2	10.2														
80	7.22	7.32	7.33	7.40	7.37														
85	6.04	6.03	6.03	6.02	6.02														
90	6.20	6.20	6.19	6.19	6.19														
95	6.34	6.33	6.33	6.32	6.33														
100	6.46	6.46	6.45	6.45	6.44														
105	6.71	6.70	6.69	6.68	6.68														
110	7.14	7.12	7.12	7.10	7.10														
115	7.85	7.80	7.82	7.77	7.79														
120	8.92	8.85	8.88	8.82	8.85														
125	10.5	10.4	10.5	10.4	10.4														
130	12.7	12.6	12.6	12.5	12.5														
135	15.1	15.0	15.0	14.9	14.9														
140	17.5	17.4	17.4	17.3	17.3														
145	19.4	19.3	19.3	19.3	19.3														
150	20.9	20.8	20.8	20.7	20.7														
155	21.7	21.7	21.7	21.6	21.7														
160	22.1	22.1	22.1	22.1	22.1														
165	22.3	22.3	22.2	22.2	22.2														
170	22.0	22.0	22.0	22.0	22.0														
175	21.7	21.7	21.7	21.7	21.7														
180	21.7	21.7	21.7	21.7	21.7														

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