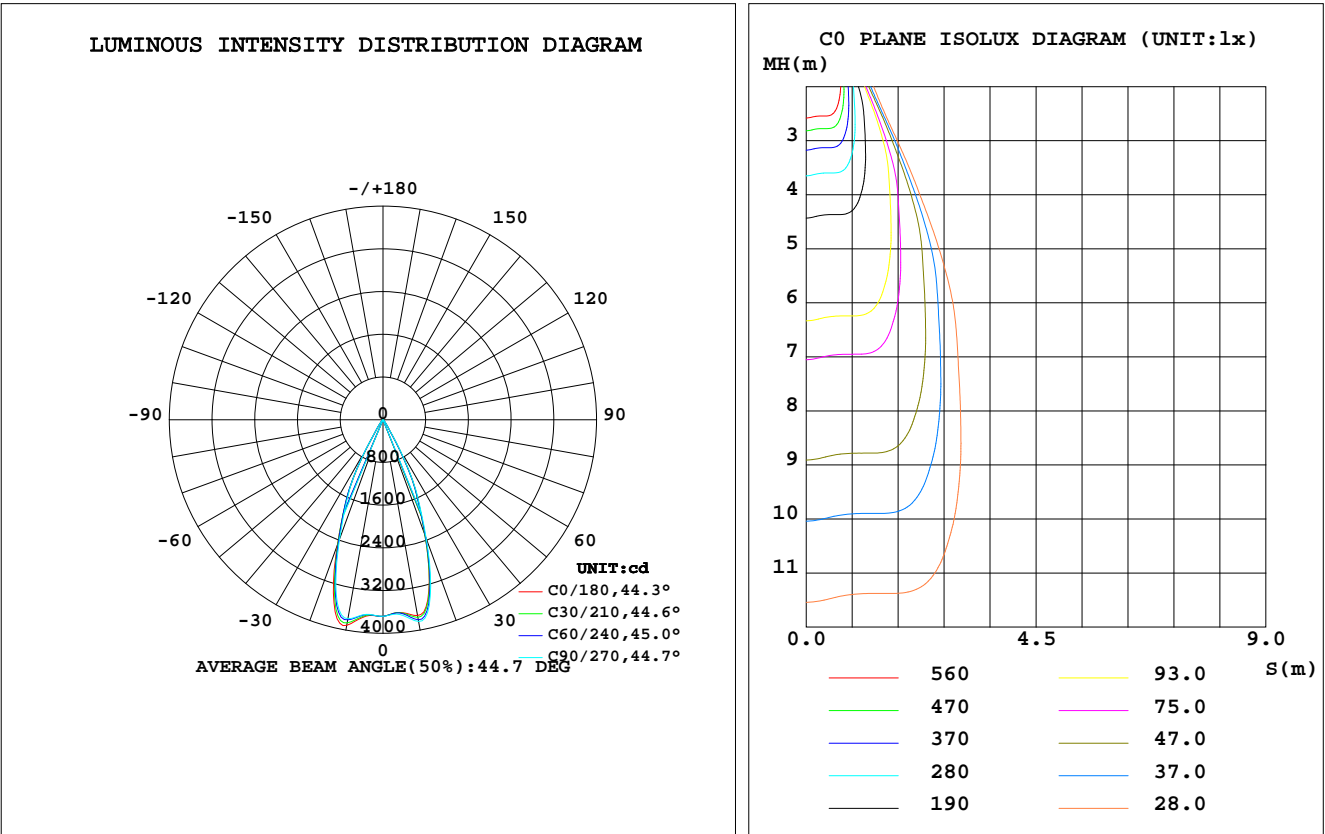


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.6V I:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.13 lm/W			
MODEL	RL07-30W-940-W-45	Imax(cd)	3933	S/MH(C0/180)	0.69
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.70
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2191.8	$\eta$ UP,DN(C0-180)	1.3,48.3
NOMINAL FLUX(lm)	2191.81	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.4,49.1
LAMPS INSIDE	1	$\eta$ up(%)	2.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	226.6	$\eta$ down(%)	97.4	CIBSE SHR MAX	0.70



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

$\gamma$  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:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	3724	3777	3836	3908	3909	3836	3783	3739	0- 10	355.0	355.0	16.2,16.2
20	2302	2350	2370	2473	2502	2427	2387	2318	10- 20	915.2	1270	58,58
30	514.5	509.0	527.5	583.9	607.7	614.9	636.1	567.2	20- 30	660.3	1931	88.1,88.1
40	68.13	65.86	68.94	72.32	75.73	81.17	79.21	72.65	30- 40	120.8	2051	93.6,93.6
50	26.97	26.96	26.97	27.67	27.88	28.20	28.24	27.56	40- 50	33.79	2085	95.1,95.1
60	16.51	16.61	16.40	16.55	16.48	16.40	16.56	16.56	50- 60	18.98	2104	96,96
70	11.32	11.37	11.32	11.35	11.30	11.29	11.30	11.27	60- 70	13.62	2118	96.6,96.6
80	7.101	7.185	7.247	7.361	7.691	7.663	7.608	7.468	70- 80	9.840	2128	97.1,97.1
90	4.361	4.190	4.169	4.208	5.131	5.152	5.062	5.070	80- 90	6.476	2134	97.4,97.4
100	4.123	4.002	3.992	3.969	5.234	5.230	5.215	5.248	90-100	5.067	2139	97.6,97.6
110	4.563	4.510	4.524	4.454	5.811	5.803	5.792	5.862	100-110	5.079	2144	97.8,97.8
120	6.827	6.748	6.774	6.613	7.540	7.551	7.569	7.709	110-120	5.976	2150	98.1,98.1
130	10.27	10.19	10.19	9.999	10.48	10.50	10.54	10.74	120-130	7.791	2158	98.5,98.5
140	13.80	13.74	13.69	13.55	13.84	13.84	13.91	14.08	130-140	9.320	2167	98.9,98.9
150	16.86	16.88	16.78	16.73	16.87	16.86	16.90	17.01	140-150	9.652	2177	99.3,99.3
160	17.90	17.93	17.93	17.98	18.12	18.09	18.13	18.14	150-160	8.151	2185	99.7,99.7
170	17.42	17.52	17.55	17.57	17.71	17.68	17.71	17.67	160-170	5.062	2190	99.9,99.9
180	18.03	18.10	18.09	18.10	18.09	18.06	18.12	18.09	170-180	1.690	2192	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

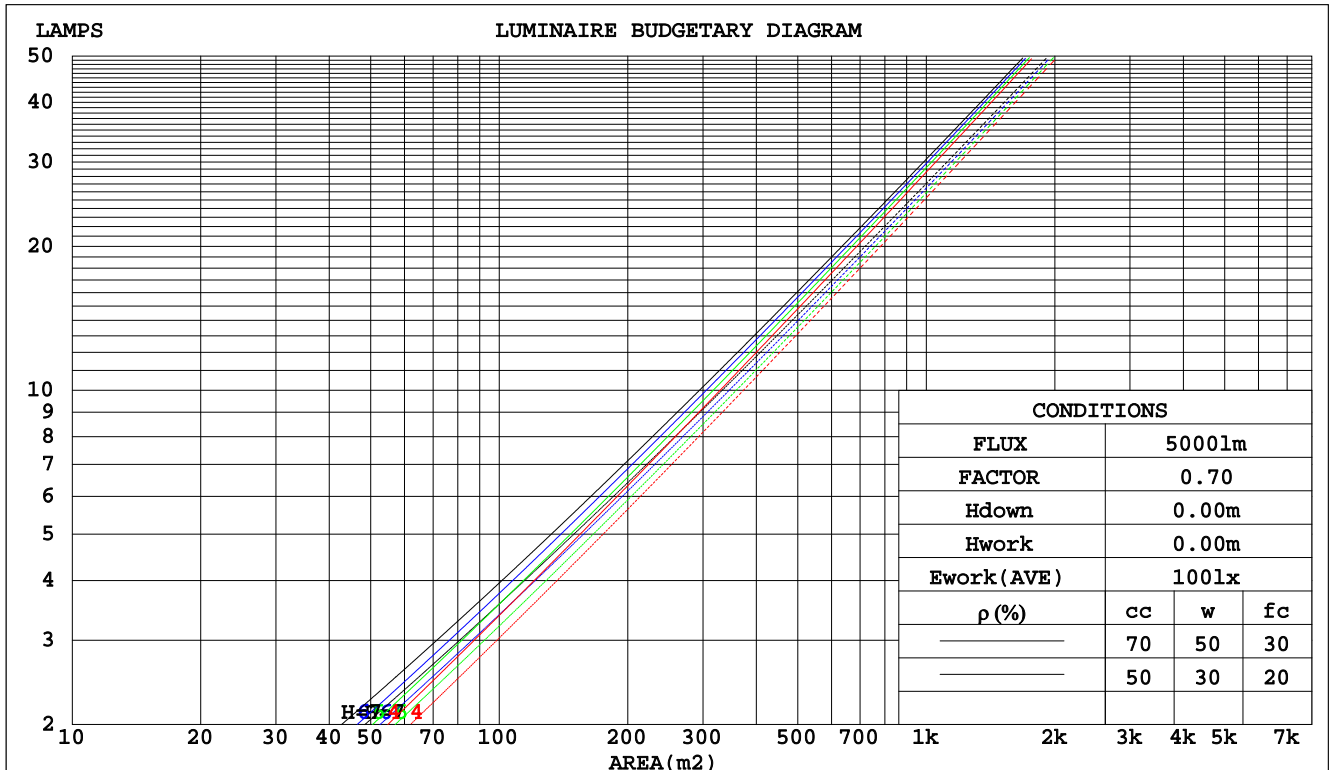
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

$\gamma$  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:226.6V I:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81lx1 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	1.01	.00	.98	.97	.96	.95	.94	.92
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.94	.90	.97	.93	.89	.94	.90	.88	.91	.88	.86	.89	.86	.84	.83
4.0	.93	.88	.84	.92	.87	.84	.89	.86	.83	.87	.84	.81	.85	.82	.80	.79
5.0	.88	.83	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.82	.79	.76	.75
6.0	.84	.79	.75	.83	.78	.75	.82	.77	.74	.80	.76	.73	.78	.75	.73	.71
7.0	.80	.75	.71	.79	.75	.71	.78	.74	.71	.77	.73	.70	.75	.72	.70	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.72	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.62
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-08

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:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0	
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
p <sub>fc</sub>	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.166	.094	.030	.158	.090	.029	.144	.083	.026	.131	.076	.024	.119	.069	.022		
2.0	.154	.085	.026	.148	.082	.025	.136	.076	.024	.125	.070	.022	.115	.065	.021		
3.0	.145	.077	.023	.139	.075	.022	.129	.070	.021	.120	.066	.020	.111	.062	.019		
4.0	.136	.071	.021	.132	.069	.020	.123	.065	.019	.115	.062	.019	.107	.058	.018		
5.0	.129	.066	.019	.125	.064	.019	.117	.061	.018	.110	.058	.017	.104	.055	.017		
6.0	.123	.061	.018	.119	.060	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016		
7.0	.117	.058	.016	.114	.057	.016	.108	.054	.016	.102	.052	.015	.097	.050	.015		
8.0	.112	.055	.015	.109	.054	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014		
9.0	.107	.052	.014	.104	.051	.014	.100	.049	.014	.095	.048	.014	.091	.046	.013		
10.0	.103	.049	.014	.100	.048	.014	.096	.047	.013	.092	.046	.013	.088	.044	.013		

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.191	.178	.166	.163	.152	.143	.112	.105	.099	.064	.061	.057	.021	.020	.019	
2.0	.174	.153	.135	.149	.132	.117	.102	.091	.081	.059	.053	.048	.019	.017	.016	
3.0	.161	.134	.112	.138	.116	.098	.095	.080	.068	.055	.047	.040	.018	.015	.013	
4.0	.150	.119	.096	.128	.103	.083	.088	.072	.059	.051	.042	.035	.016	.014	.011	
5.0	.140	.107	.083	.120	.093	.072	.083	.065	.051	.048	.038	.030	.015	.012	.010	
6.0	.132	.098	.073	.114	.085	.064	.078	.059	.045	.045	.035	.027	.015	.011	.009	
7.0	.125	.090	.065	.108	.078	.057	.074	.055	.040	.043	.032	.024	.014	.011	.008	
8.0	.119	.084	.059	.103	.072	.051	.071	.051	.036	.041	.030	.022	.013	.010	.007	
9.0	.114	.078	.054	.098	.068	.047	.068	.048	.033	.040	.028	.020	.013	.009	.007	
10.0	.109	.074	.050	.094	.064	.044	.065	.045	.031	.038	.027	.018	.012	.009	.006	

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 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	10.3	11.1	10.6	11.3	11.5	10.2	11.0	10.5	11.2	11.4	
	3H	11.0	11.8	11.3	12.0	12.2	10.9	11.7	11.2	11.9	12.2
	4H	11.5	12.2	11.8	12.4	12.7	11.4	12.1	11.7	12.4	12.6
	6H	12.0	12.6	12.3	12.9	13.2	11.9	12.6	12.3	12.9	13.2
	8H	12.3	12.9	12.6	13.2	13.5	12.2	12.9	12.6	13.2	13.5
	12H	12.6	13.2	13.0	13.5	13.9	12.6	13.2	12.9	13.5	13.8
4H	2H	10.5	11.2	10.8	11.4	11.7	10.4	11.1	10.7	11.3	11.6
	3H	11.4	12.0	11.8	12.3	12.7	11.4	12.0	11.7	12.3	12.6
	4H	12.0	12.6	12.4	12.9	13.3	12.0	12.5	12.4	12.9	13.2
	6H	12.8	13.3	13.2	13.6	14.0	12.7	13.2	13.1	13.6	14.0
	8H	13.2	13.6	13.6	14.0	14.4	13.2	13.6	13.6	14.0	14.4
	12H	13.6	14.1	14.1	14.5	14.9	13.6	14.1	14.1	14.5	14.9
8H	4H	12.3	12.7	12.7	13.1	13.5	12.2	12.7	12.7	13.1	13.5
	6H	13.2	13.6	13.7	14.0	14.5	13.2	13.6	13.7	14.0	14.5
	8H	13.8	14.1	14.3	14.6	15.1	13.8	14.1	14.3	14.6	15.1
	12H	14.4	14.7	14.9	15.2	15.7	14.4	14.7	15.0	15.2	15.7
12H	4H	12.3	12.7	12.8	13.1	13.6	12.3	12.7	12.7	13.1	13.5
	6H	13.3	13.7	13.8	14.1	14.6	13.3	13.6	13.8	14.1	14.6
	8H	14.0	14.2	14.5	14.7	15.3	14.0	14.2	14.5	14.7	15.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.6 / - 0.5					+ 0.6 / - 0.5					
1.5H	+ 1.3 / - 0.4					+ 1.2 / - 0.4					
2.0H	+ 0.4 / - 0.2					+ 0.3 / - 0.2					

CIE Pub.117 Corrected 2192 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.7)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

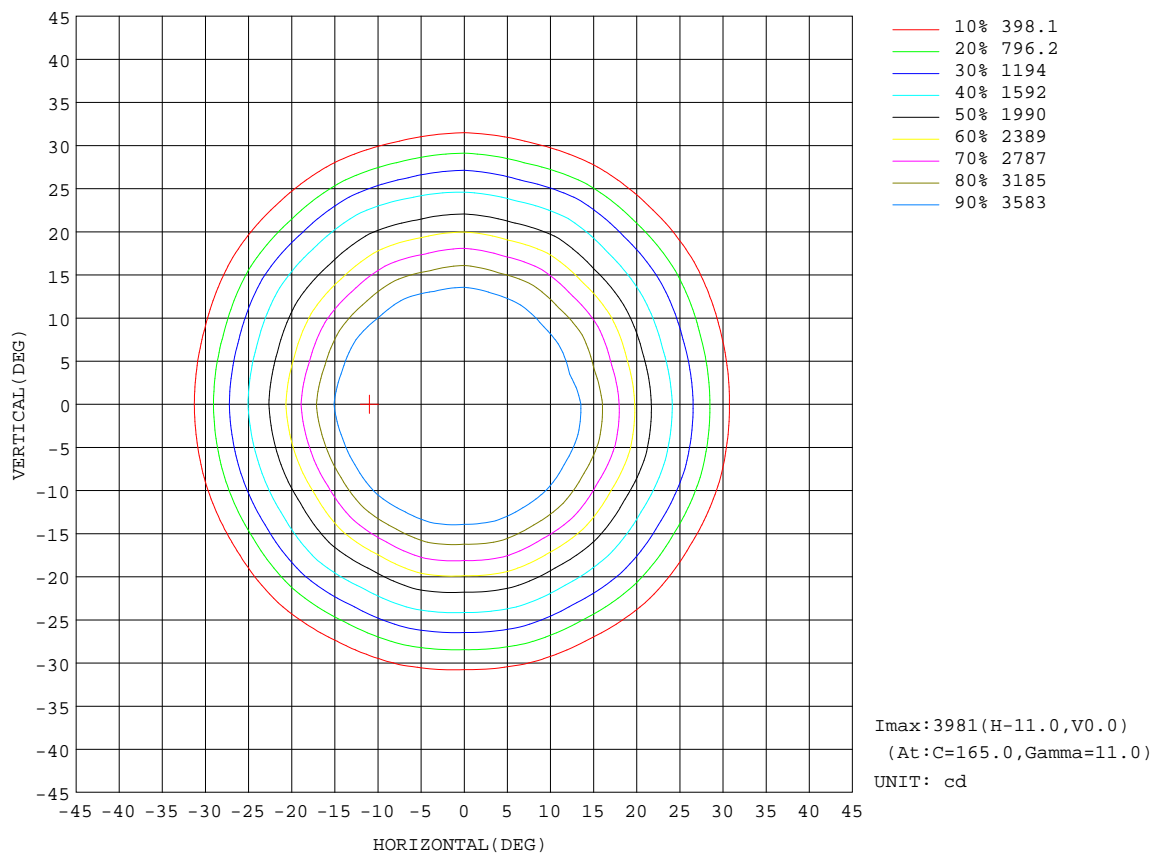
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	78	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	89	96	92	89	85
1.25	103	97	94	101	97	94	99	95	93	88
1.50	105	101	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	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:2016-09-08

$\gamma$  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:226.6V I:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



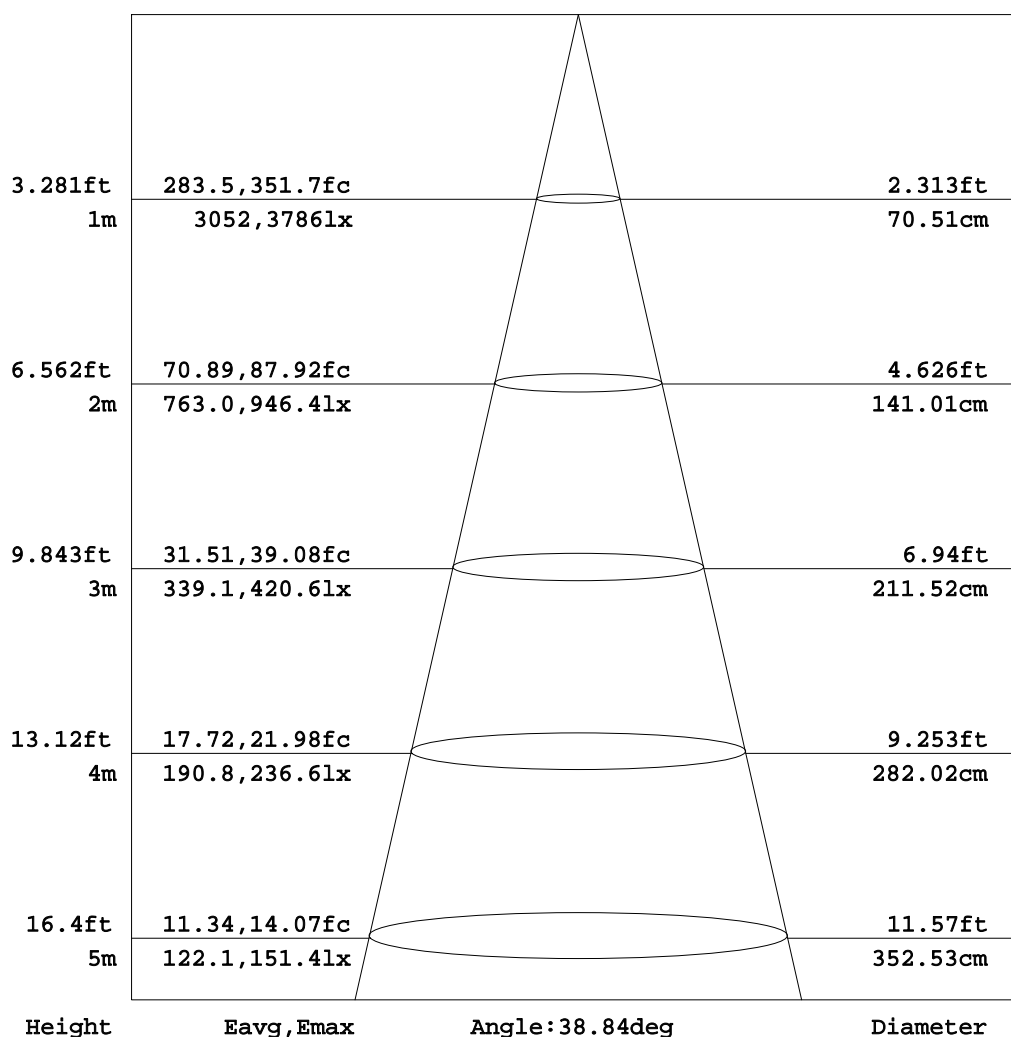
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:1270 lm



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

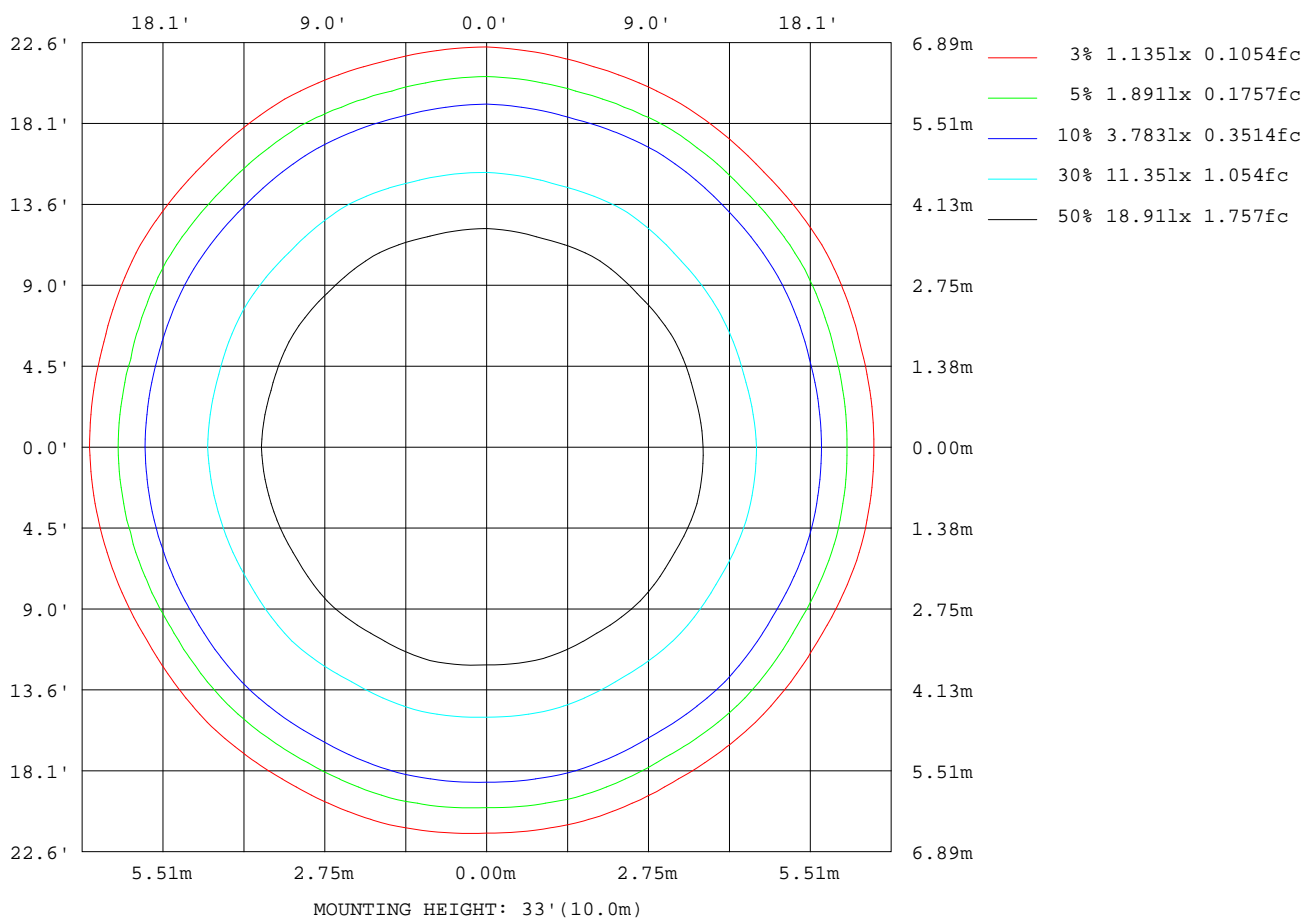
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-08

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

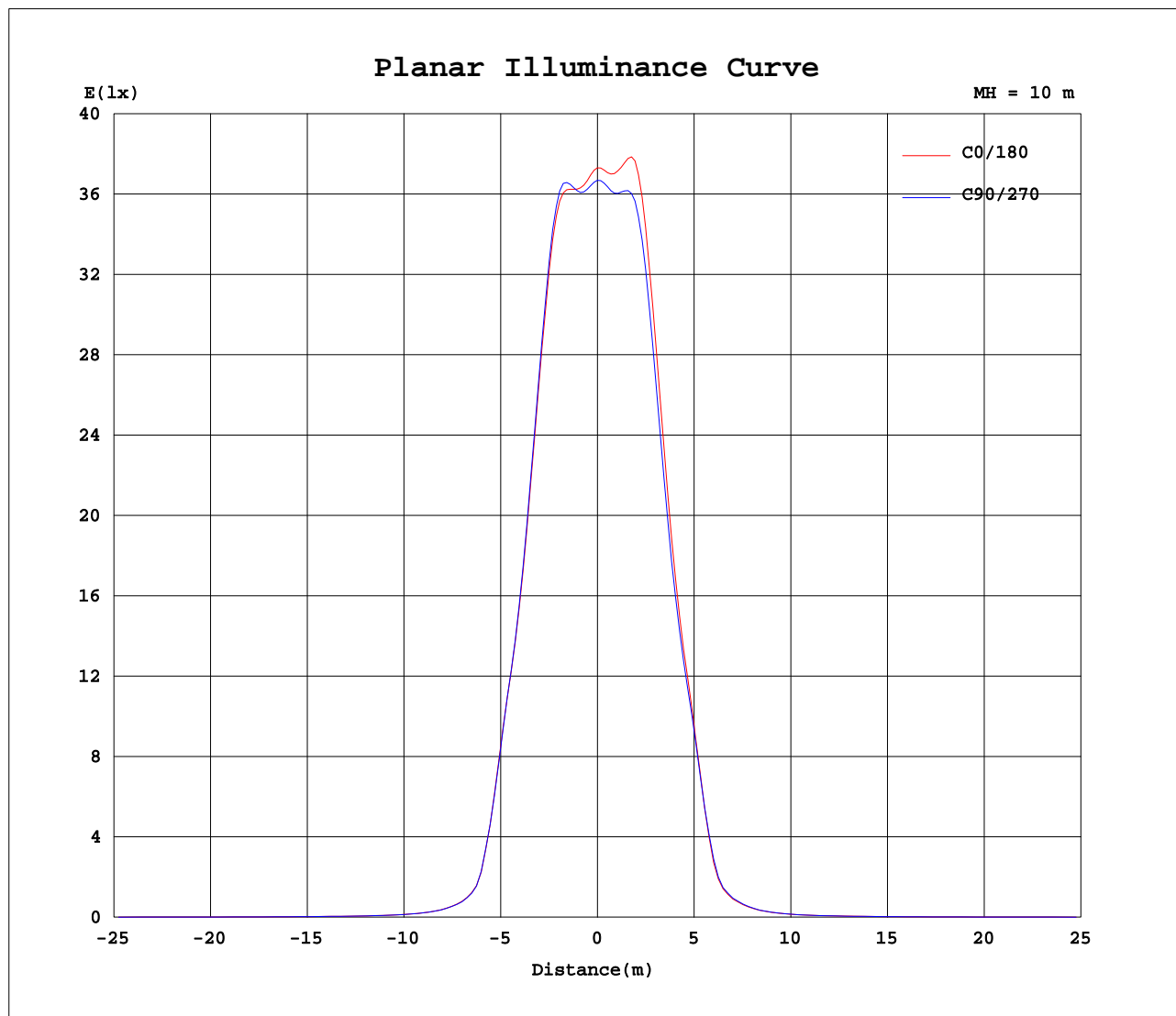
Test:U:226.6V I:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: ZhangXiao  
Test Date: 2016-09-08

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: 2016-09-08

$\gamma$  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:226.6V I:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 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	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680	3680
5	3623	3620	3626	3624	3632	3641	3661	3671	3684	3689	3695	3693	3693	3691	3678	3668	3662	3663	3658
10	3724	3736	3758	3777	3804	3809	3836	3853	3890	3908	3921	3918	3909	3888	3863	3836	3805	3790	3783
15	3314	3356	3335	3385	3380	3438	3422	3487	3476	3534	3517	3562	3551	3489	3493	3427	3427	3367	3388
20	2302	2344	2295	2350	2327	2394	2370	2449	2408	2473	2434	2499	2502	2449	2484	2427	2452	2372	2387
25	1444	1445	1414	1443	1423	1470	1470	1504	1482	1550	1530	1565	1582	1565	1604	1573	1607	1550	1538
30	515	511	476	509	482	530	527	555	551	584	570	595	608	600	631	615	642	615	636
35	142	147	135	142	136	146	140	154	149	160	152	161	164	164	175	174	180	172	174
40	68.1	66.9	66.3	65.9	67.0	67.4	68.9	70.1	72.0	72.3	73.5	74.4	75.7	76.7	81.0	81.2	83.0	80.0	79.2
45	39.0	39.1	38.1	38.5	38.3	39.2	39.0	40.2	40.2	41.2	40.7	41.9	42.5	42.7	44.5	44.3	45.7	44.1	44.0
50	27.0	27.1	26.8	27.0	26.8	27.1	27.0	27.4	27.3	27.7	27.4	27.8	27.9	28.0	28.3	28.2	28.7	28.2	28.2
55	20.7	20.8	20.6	20.7	20.7	20.8	20.6	20.7	20.6	20.8	20.7	21.0	20.9	20.9	21.0	20.8	21.0	20.8	21.0
60	16.5	16.6	16.5	16.6	16.5	16.6	16.4	16.5	16.4	16.6	16.5	16.7	16.5	16.5	16.6	16.4	16.6	16.4	16.6
65	13.8	13.8	13.8	13.8	13.8	13.8	13.7	13.7	13.7	13.7	13.7	13.9	13.6	13.7	13.7	13.6	13.7	13.6	13.6
70	11.3	11.4	11.3	11.4	11.4	11.4	11.3	11.4	11.3	11.4	11.4	11.5	11.3	11.4	11.4	11.3	11.4	11.3	11.3
75	9.19	9.22	9.14	9.18	9.18	9.30	9.22	9.30	9.26	9.30	9.28	9.37	9.38	9.39	9.44	9.37	9.48	9.38	9.34
80	7.10	7.17	7.10	7.19	7.22	7.29	7.25	7.34	7.31	7.36	7.34	7.42	7.69	7.70	7.74	7.66	7.82	7.68	7.61
85	5.36	5.39	5.32	5.44	5.59	5.62	5.57	5.64	5.65	5.67	5.66	5.71	6.29	6.28	6.35	6.26	6.56	6.28	6.15
90	4.36	4.31	4.19	4.19	4.42	4.30	4.17	4.16	4.23	4.21	4.22	4.25	5.13	5.10	5.18	5.15	5.57	5.26	5.06
95	4.16	4.08	4.07	4.08	4.27	4.20	4.05	4.04	4.07	4.03	4.05	4.02	5.13	5.10	5.14	5.15	5.47	5.29	5.11
100	4.12	4.04	4.01	4.00	4.07	4.02	3.99	3.98	4.00	3.97	3.98	3.98	5.23	5.22	5.24	5.23	5.39	5.29	5.21
105	4.21	4.12	4.08	4.09	4.09	4.08	4.07	4.06	4.05	4.04	4.03	4.03	5.41	5.39	5.40	5.40	5.44	5.41	5.39
110	4.56	4.54	4.54	4.51	4.53	4.51	4.52	4.49	4.49	4.45	4.46	4.44	5.81	5.80	5.78	5.80	5.82	5.81	5.79
115	5.45	5.44	5.47	5.41	5.44	5.40	5.45	5.37	5.39	5.32	5.36	5.29	6.50	6.50	6.48	6.50	6.50	6.52	6.51
120	6.83	6.79	6.84	6.75	6.80	6.72	6.77	6.67	6.70	6.61	6.67	6.59	7.54	7.54	7.50	7.55	7.54	7.57	7.57
125	8.51	8.47	8.51	8.41	8.46	8.38	8.43	8.32	8.34	8.24	8.31	8.22	8.91	8.91	8.87	8.94	8.93	8.97	8.95
130	10.3	10.2	10.3	10.2	10.2	10.2	10.2	10.1	10.1	10.00	10.0	9.97	10.5	10.5	10.4	10.5	10.5	10.6	10.5
135	12.0	12.0	12.0	12.0	12.0	11.9	12.0	11.8	11.9	11.8	11.8	11.7	12.1	12.1	12.1	12.2	12.1	12.2	12.2
140	13.8	13.8	13.8	13.7	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.5	13.8	13.8	13.8	13.8	13.8	13.9	13.9
145	15.6	15.4	15.5	15.5	15.4	15.4	15.4	15.3	15.3	15.3	15.3	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5
150	16.9	16.8	16.8	16.9	16.8	16.8	16.8	16.7	16.8	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.8	16.9	16.9
155	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8
160	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	17.9	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1
165	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9	18.0	17.9	18.0	17.9	18.0
170	17.4	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7
175	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8
180	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.0	18.1	18.1	18.1	18.1	18.1

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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:0.1270A P:27.70W PF:0.9620 Lamp Flux:2191.81x1 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	3680	3680	3680	3680	3680														
5	3653	3644	3633	3621	3623														
10	3774	3755	3739	3719	3716														
15	3338	3360	3315	3349	3315														
20	2329	2387	2318	2350	2307														
25	1499	1532	1473	1466	1436														
30	589	608	567	562	526														
35	163	159	151	159	145														
40	74.2	73.2	72.7	71.5	70.0														
45	41.7	41.8	40.8	41.1	39.6														
50	27.5	27.6	27.6	27.7	27.2														
55	20.7	20.9	20.9	21.0	20.7														
60	16.4	16.6	16.6	16.6	16.4														
65	13.6	13.7	13.7	13.7	13.6														
70	11.2	11.3	11.3	11.3	11.2														
75	9.29	9.33	9.27	9.28	9.22														
80	7.53	7.54	7.47	7.47	7.43														
85	6.07	6.06	5.99	5.98	5.97														
90	5.05	5.06	5.07	5.08	5.24														
95	5.11	5.15	5.15	5.19	5.22														
100	5.21	5.24	5.25	5.28	5.31														
105	5.40	5.42	5.44	5.46	5.50														
110	5.82	5.84	5.86	5.85	5.90														
115	6.56	6.57	6.60	6.57	6.62														
120	7.64	7.65	7.71	7.66	7.74														
125	9.03	9.06	9.15	9.10	9.17														
130	10.6	10.7	10.7	10.7	10.8														
135	12.3	12.3	12.4	12.4	12.5														
140	14.0	14.0	14.1	14.1	14.2														
145	15.6	15.6	15.7	15.7	15.9														
150	17.0	16.9	17.0	17.0	17.2														
155	17.8	17.8	17.9	17.9	17.9														
160	18.1	18.1	18.1	18.1	18.1														
165	17.9	18.0	17.9	17.9	17.9														
170	17.7	17.7	17.7	17.7	17.6														
175	17.8	17.8	17.8	17.8	17.8														
180	18.1	18.1	18.1	18.1	18.1														

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2016-09-08

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: