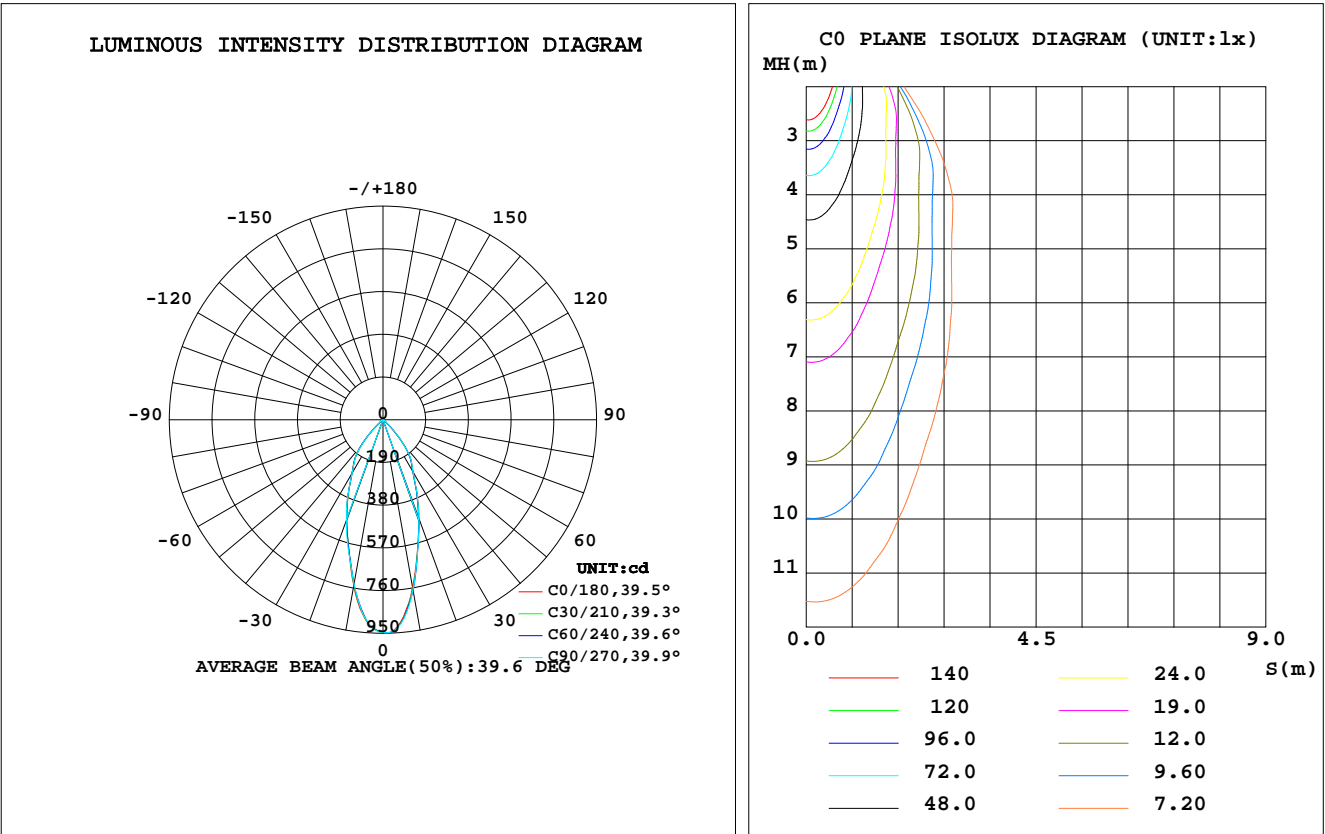


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 75.25 lm/W
MODEL	TL02-8W-927-S-40	Imax(cd)	950.3	S/MH(C0/180)	0.62	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.62	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	644.15	η UP,DN(C0-180)	1.1,48.7	
NOMINAL FLUX(lm)	644.144	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.9	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.65	



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	756.4	773.1	769.5	763.8	749.4	738.7	741.8	743.1	0- 10	81.07	81.07	12.6,12.6
20	467.4	466.0	466.4	472.6	470.3	467.4	478.3	475.1	10- 20	166.4	247.5	38.4,38.4
30	267.7	267.5	268.3	271.8	276.3	275.1	277.3	272.3	20- 30	165.7	413.2	64.1,64.1
40	142.8	145.0	142.7	155.5	155.9	151.9	151.1	147.6	30- 40	133.8	547.0	84.9,84.9
50	17.29	18.51	18.73	19.58	19.04	18.91	18.65	17.79	40- 50	52.59	599.5	93.1,93.1
60	10.05	10.48	10.79	10.95	10.72	10.69	10.72	10.34	50- 60	12.50	612.0	95,95
70	5.500	5.806	6.081	6.242	6.202	6.139	6.052	5.659	60- 70	7.876	619.9	96.2,96.2
80	4.030	4.282	4.446	4.642	4.652	4.454	4.429	4.108	70- 80	5.361	625.3	97.1,97.1
90	1.004	0.9979	1.013	1.012	1.166	1.173	1.175	1.206	80- 90	3.607	628.9	97.6,97.6
100	1.112	1.131	1.109	1.125	1.369	1.366	1.381	1.375	90-100	1.260	630.1	97.8,97.8
110	1.429	1.444	1.429	1.437	1.691	1.676	1.694	1.694	100-110	1.470	631.6	98.1,98.1
120	1.947	1.961	1.953	1.956	2.163	2.147	2.167	2.175	110-120	1.778	633.4	98.3,98.3
130	2.668	2.682	2.675	2.672	2.838	2.827	2.846	2.844	120-130	2.140	635.5	98.7,98.7
140	3.486	3.507	3.494	3.489	3.597	3.585	3.606	3.602	130-140	2.435	638.0	99,99
150	4.063	4.095	4.070	4.082	4.135	4.134	4.146	4.140	140-150	2.413	640.4	99.4,99.4
160	4.463	4.491	4.475	4.488	4.528	4.521	4.537	4.537	150-160	1.992	642.4	99.7,99.7
170	4.725	4.761	4.730	4.746	4.769	4.761	4.780	4.767	160-170	1.311	643.7	99.9,99.9
180	4.900	4.915	4.908	4.913	4.912	4.910	4.913	4.910	170-180	0.4595	644.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

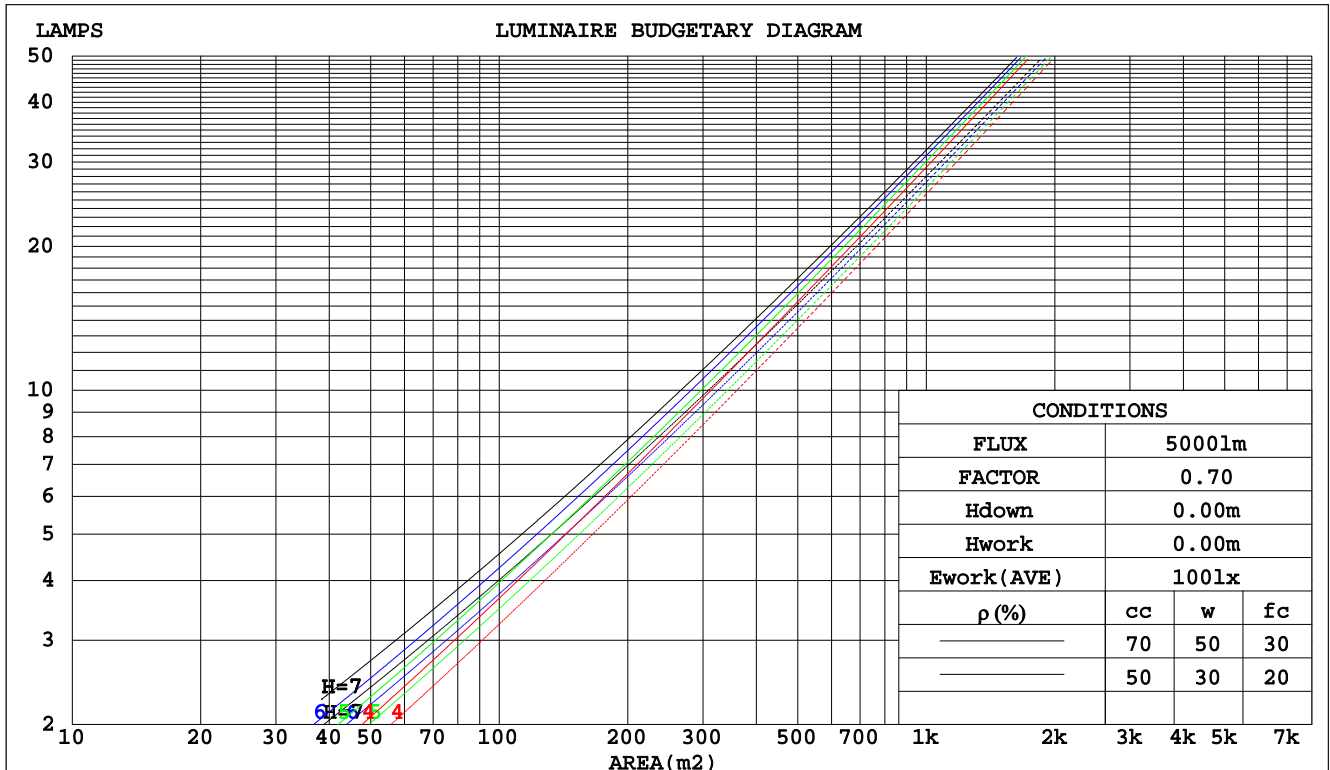
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 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	1.07	1.04	1.07	1.05	1.02	1.02	1.01	.99	.98	.97	.95	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.85	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.81	.78	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.72	.66	.61	.71	.65	.61	.70	.64	.61	.68	.64	.60	.67	.63	.60	.58
8.0	.68	.62	.57	.67	.61	.57	.66	.61	.57	.65	.60	.56	.63	.59	.56	.55
9.0	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.57	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.50	.57	.53	.50	.49



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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 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	.193	.110	.035	.186	.106	.034	.172	.099	.031	.159	.092	.029	.147	.085	.027	
2.0	.183	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.026	
3.0	.173	.092	.028	.167	.090	.027	.157	.085	.026	.147	.081	.025	.138	.077	.024	
4.0	.163	.085	.025	.158	.083	.025	.149	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.135	.071	.021	.128	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.123	.065	.019	
7.0	.140	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016	
10.0	.122	.058	.016	.119	.058	.016	.114	.056	.016	.110	.055	.016	.106	.053	.015	

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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022		
1.0	.190	.175	.162	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018		
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015		
3.0	.164	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013		
4.0	.154	.118	.090	.132	.102	.078	.091	.071	.055	.053	.041	.032	.017	.014	.011		
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009		
6.0	.138	.097	.067	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.113	.078	.052	.078	.054	.037	.046	.032	.022	.015	.010	.007		
8.0	.126	.083	.054	.108	.072	.047	.075	.051	.033	.044	.030	.020	.014	.010	.007		
9.0	.121	.078	.049	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006		
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.028	.041	.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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 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	22.2	23.2	22.5	23.4	23.6	22.2	23.1	22.4	23.3	23.6
	3H	22.2	23.1	22.5	23.3	23.6	22.2	23.1	22.5	23.3	23.6
	4H	22.2	23.1	22.5	23.3	23.6	22.2	23.1	22.5	23.3	23.6
	6H	22.3	23.1	22.6	23.4	23.7	22.3	23.1	22.7	23.4	23.7
	8H	22.4	23.2	22.7	23.5	23.8	22.4	23.2	22.8	23.5	23.8
	12H	22.5	23.3	22.9	23.6	23.9	22.6	23.3	23.0	23.6	24.0
4H	2H	22.0	22.9	22.3	23.1	23.4	22.0	22.8	22.3	23.1	23.4
	3H	22.1	22.8	22.4	23.1	23.4	22.1	22.8	22.4	23.1	23.4
	4H	22.2	22.8	22.6	23.2	23.5	22.2	22.9	22.6	23.2	23.6
	6H	22.4	23.0	22.8	23.3	23.7	22.4	23.0	22.9	23.4	23.8
	8H	22.6	23.1	23.0	23.5	23.9	22.6	23.2	23.1	23.6	24.0
	12H	22.8	23.3	23.3	23.7	24.2	22.9	23.4	23.4	23.8	24.3
8H	4H	22.2	22.7	22.6	23.1	23.5	22.2	22.7	22.6	23.1	23.5
	6H	22.5	22.9	23.0	23.4	23.8	22.6	23.0	23.0	23.4	23.9
	8H	22.8	23.2	23.3	23.7	24.1	22.9	23.3	23.4	23.7	24.2
	12H	23.2	23.6	23.7	24.0	24.6	23.4	23.7	23.9	24.2	24.7
12H	4H	22.1	22.6	22.6	23.1	23.5	22.1	22.6	22.6	23.1	23.5
	6H	22.5	22.9	23.0	23.4	23.9	22.6	23.0	23.1	23.4	23.9
	8H	22.9	23.2	23.4	23.7	24.2	23.0	23.3	23.5	23.8	24.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 3.3					+ 1.9 / - 3.2					
1.5H	+ 4.1 / - 3.3					+ 3.9 / - 3.2					
2.0H	+ 3.2 / - 0.7					+ 3.4 / - 0.8					

CIE Pub.117 Corrected 644.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

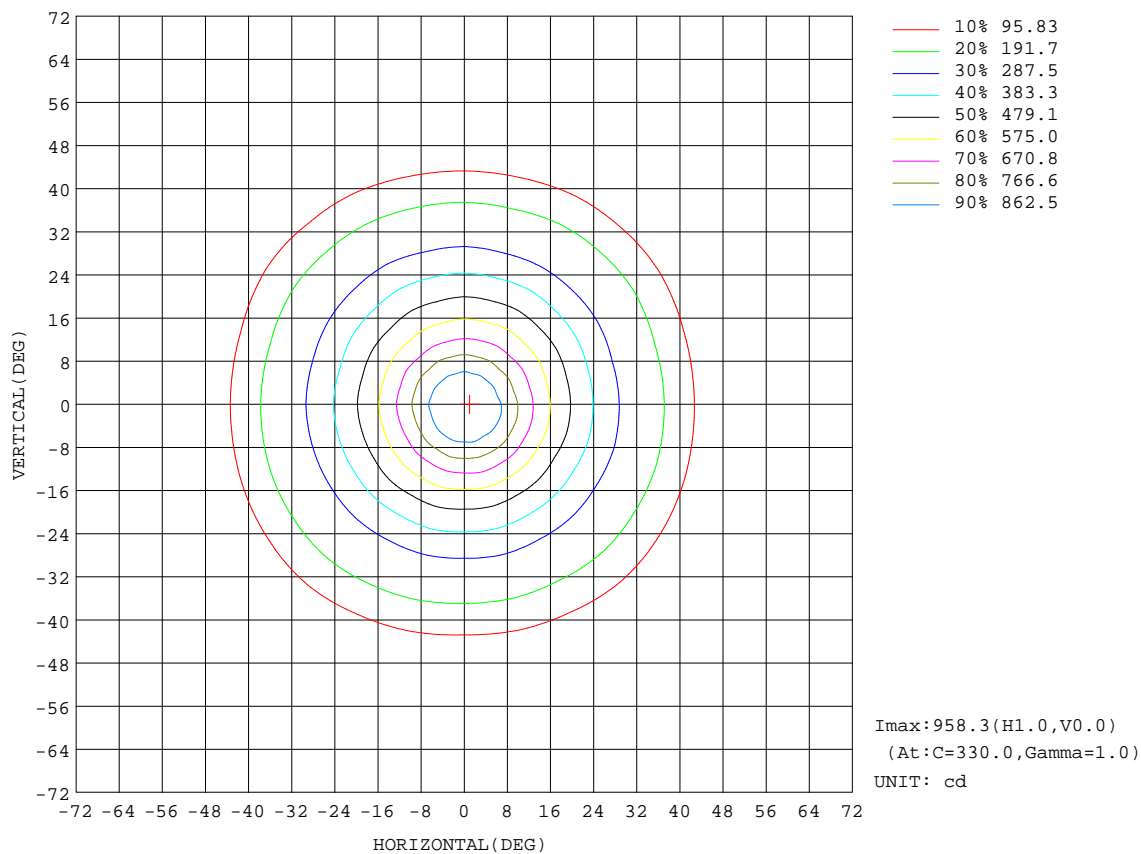
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	86
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



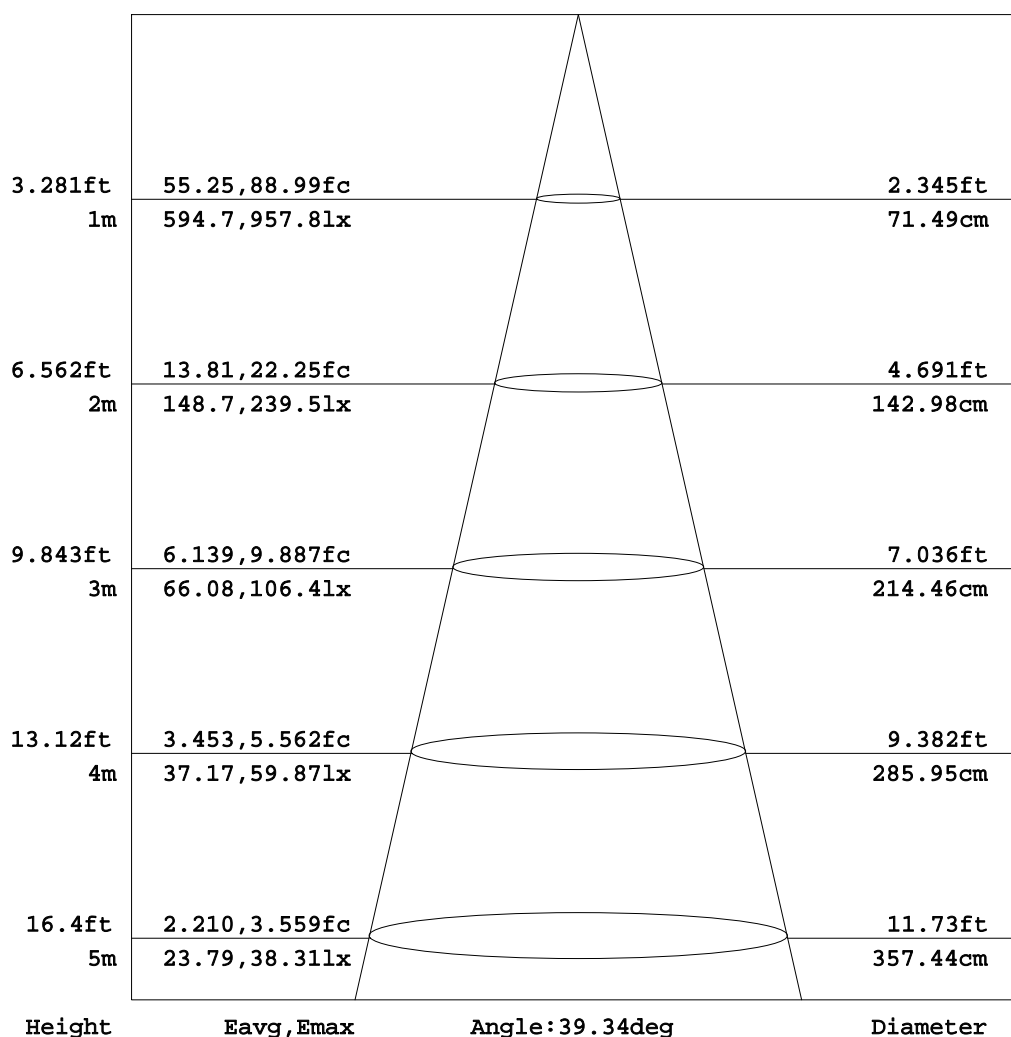
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:

### AAI Figure

Test:U:226.5V I:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:247.5 lm



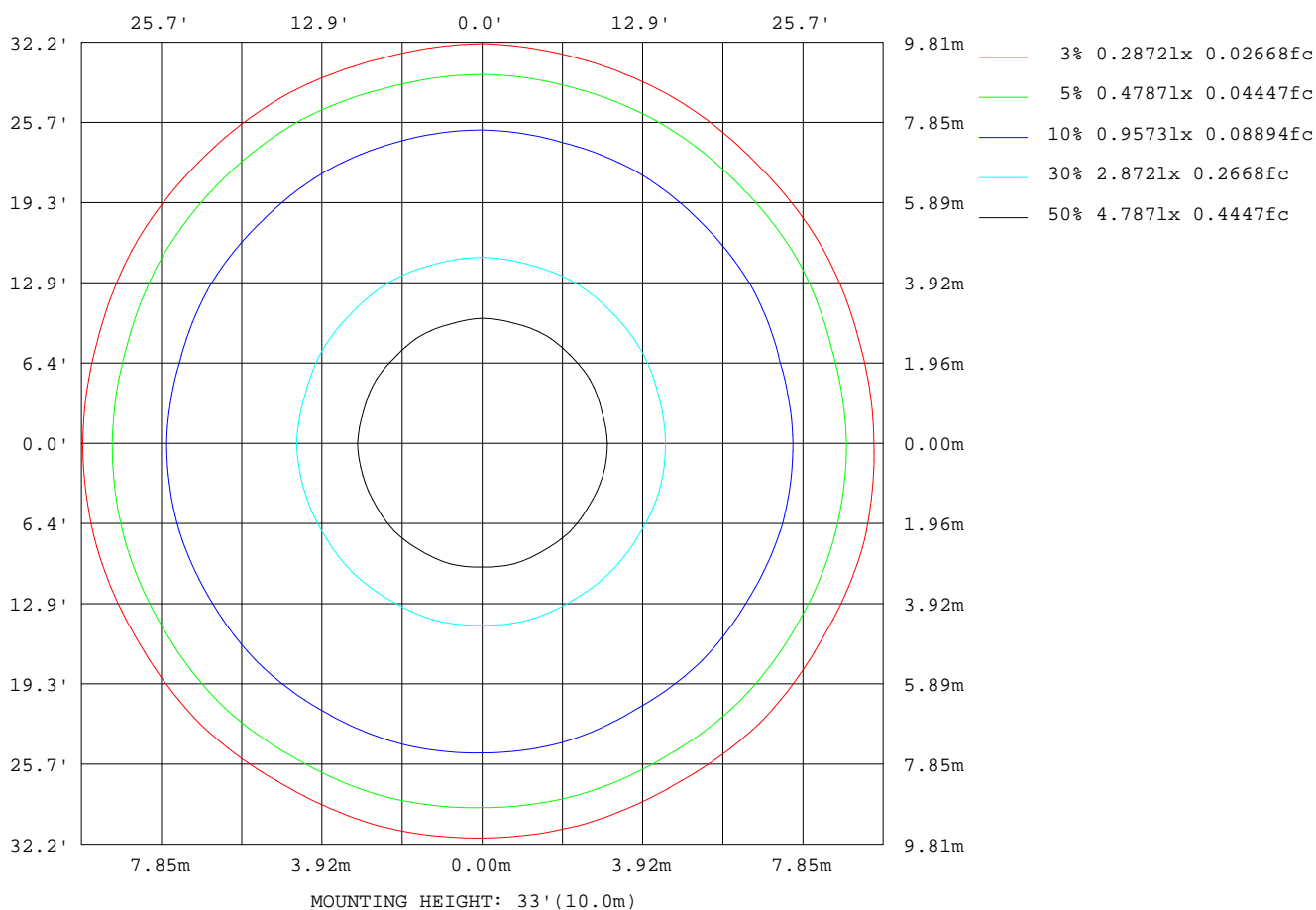
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

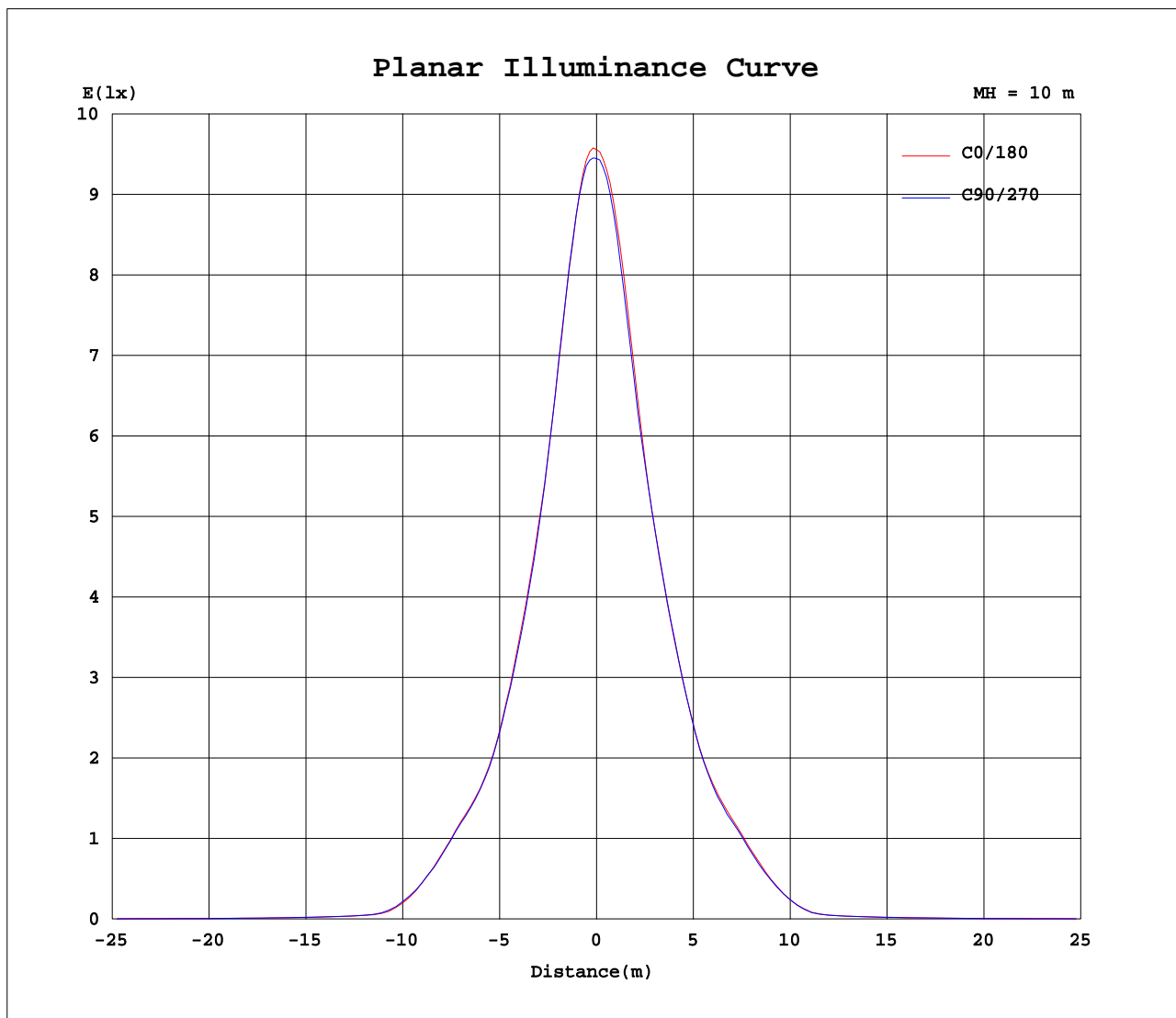
Test:U:226.5V I:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 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	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946
5	903	906	909	912	909	912	911	913	908	910	904	899	893	889	892	885	888	885	889
10	756	764	764	773	771	772	770	773	761	764	755	753	749	742	746	739	743	735	742
15	595	597	595	601	597	603	599	603	597	599	596	593	591	586	590	585	592	590	597
20	467	469	462	466	464	470	466	473	467	473	469	472	470	465	471	467	475	472	478
25	357	358	353	355	354	358	358	362	358	362	361	365	365	360	366	363	370	367	369
30	268	270	264	268	266	269	268	270	268	272	273	277	276	273	276	275	278	276	277
35	218	218	215	215	214	216	217	220	218	222	223	223	224	220	221	221	222	219	221
40	143	144	143	145	140	145	143	148	149	155	155	157	156	151	157	152	155	151	151
45	56.2	57.8	57.8	59.5	58.2	62.5	61.7	64.3	62.3	64.9	64.9	66.9	67.0	65.9	69.0	67.3	69.8	65.8	67.9
50	17.3	17.9	18.0	18.5	18.5	18.9	18.7	19.3	19.4	19.6	19.3	18.9	19.0	19.0	19.2	18.9	19.0	18.5	18.6
55	13.3	13.6	13.6	13.8	13.7	14.0	14.0	14.2	14.1	14.1	14.0	14.0	13.9	13.9	14.0	13.9	14.0	13.9	14.1
60	10.0	10.2	10.3	10.5	10.5	10.7	10.8	10.9	10.9	11.0	10.9	10.9	10.7	10.7	10.8	10.7	10.8	10.6	10.7
65	7.25	7.46	7.47	7.70	7.72	7.93	8.01	8.19	8.12	8.22	8.12	8.23	8.09	8.02	8.10	7.96	7.99	7.85	7.89
70	5.50	5.61	5.68	5.81	5.88	6.02	6.08	6.19	6.17	6.24	6.23	6.28	6.20	6.14	6.17	6.14	6.16	6.07	6.05
75	4.60	4.70	4.79	4.88	4.93	5.04	5.11	5.20	5.23	5.29	5.32	5.34	5.30	5.22	5.18	5.15	5.16	5.14	5.09
80	4.03	4.14	4.24	4.28	4.32	4.38	4.45	4.52	4.56	4.64	4.68	4.66	4.65	4.56	4.48	4.45	4.49	4.47	4.43
85	3.30	3.48	3.56	3.63	3.67	3.70	3.75	3.87	3.92	4.04	4.07	4.04	4.04	3.91	3.81	3.75	3.81	3.77	3.75
90	1.00	0.9950	1.27	1.00	1.03	1.01	1.01	1.02	1.01	1.01	1.01	0.98	1.17	1.17	1.17	1.17	1.18	1.18	1.17
95	1.02	1.05	1.03	1.04	1.04	1.04	1.03	1.04	1.03	1.04	1.03	1.02	1.26	1.24	1.25	1.24	1.26	1.25	1.27
100	1.11	1.13	1.11	1.13	1.11	1.13	1.11	1.13	1.11	1.12	1.11	1.11	1.37	1.36	1.37	1.37	1.38	1.36	1.38
105	1.25	1.26	1.24	1.26	1.25	1.26	1.24	1.26	1.23	1.26	1.24	1.24	1.52	1.50	1.51	1.51	1.52	1.51	1.52
110	1.43	1.45	1.43	1.44	1.43	1.44	1.43	1.45	1.43	1.44	1.41	1.42	1.69	1.67	1.69	1.68	1.69	1.68	1.69
115	1.67	1.68	1.67	1.68	1.67	1.68	1.67	1.68	1.67	1.67	1.65	1.65	1.90	1.89	1.90	1.89	1.90	1.89	1.90
120	1.95	1.96	1.96	1.96	1.96	1.96	1.95	1.96	1.95	1.96	1.94	1.93	2.16	2.15	2.16	2.15	2.17	2.15	2.17
125	2.29	2.30	2.29	2.30	2.29	2.30	2.29	2.30	2.29	2.29	2.27	2.27	2.47	2.46	2.48	2.47	2.48	2.47	2.48
130	2.67	2.68	2.67	2.68	2.68	2.68	2.68	2.68	2.67	2.67	2.66	2.65	2.84	2.82	2.84	2.83	2.84	2.83	2.85
135	3.09	3.10	3.10	3.10	3.09	3.10	3.09	3.09	3.08	3.09	3.08	3.06	3.22	3.22	3.23	3.22	3.23	3.22	3.24
140	3.49	3.50	3.50	3.51	3.49	3.50	3.49	3.50	3.48	3.49	3.48	3.47	3.60	3.58	3.59	3.59	3.59	3.59	3.61
145	3.83	3.83	3.83	3.85	3.83	3.85	3.82	3.84	3.82	3.83	3.82	3.81	3.89	3.89	3.91	3.90	3.91	3.90	3.91
150	4.06	4.08	4.08	4.09	4.08	4.09	4.07	4.10	4.07	4.08	4.08	4.06	4.14	4.13	4.14	4.13	4.14	4.13	4.15
155	4.29	4.30	4.30	4.31	4.29	4.31	4.29	4.31	4.29	4.30	4.28	4.28	4.35	4.32	4.35	4.34	4.36	4.34	4.35
160	4.46	4.49	4.48	4.49	4.47	4.49	4.47	4.49	4.48	4.49	4.47	4.47	4.53	4.51	4.53	4.52	4.54	4.52	4.54
165	4.61	4.63	4.62	4.64	4.61	4.64	4.62	4.63	4.61	4.61	4.61	4.61	4.66	4.64	4.67	4.65	4.67	4.66	4.67
170	4.72	4.75	4.75	4.76	4.73	4.75	4.73	4.75	4.73	4.75	4.73	4.73	4.77	4.74	4.77	4.76	4.78	4.77	4.78
175	4.82	4.85	4.83	4.85	4.84	4.85	4.82	4.85	4.82	4.84	4.83	4.83	4.86	4.83	4.85	4.84	4.86	4.85	4.86
180	4.90	4.92	4.91	4.91	4.91	4.92	4.91	4.92	4.91	4.91	4.91	4.90	4.91	4.90	4.91	4.91	4.91	4.91	4.91

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:0.0450A P:8.560W PF:0.8390 Lamp Flux:644.144x1 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	946	946	946	946	946													
5	885	892	894	901	899													
10	740	746	743	756	751													
15	594	603	600	604	597													
20	476	480	475	478	471													
25	366	369	364	365	359													
30	274	274	272	273	268													
35	219	219	218	220	216													
40	149	151	148	148	144													
45	64.1	63.2	55.9	58.0	54.2													
50	18.6	18.7	17.8	17.5	17.1													
55	14.0	13.9	13.5	13.4	13.3													
60	10.6	10.5	10.3	10.2	10.1													
65	7.69	7.61	7.37	7.41	7.24													
70	5.92	5.83	5.66	5.63	5.54													
75	4.99	4.85	4.74	4.67	4.62													
80	4.34	4.20	4.11	4.08	4.05													
85	3.65	3.51	3.37	3.34	3.33													
90	1.18	1.18	1.21	1.20	1.18													
95	1.26	1.27	1.26	1.28	1.25													
100	1.37	1.39	1.38	1.40	1.37													
105	1.52	1.53	1.52	1.54	1.52													
110	1.69	1.70	1.69	1.71	1.69													
115	1.90	1.92	1.91	1.92	1.90													
120	2.16	2.18	2.18	2.19	2.16													
125	2.48	2.49	2.48	2.50	2.47													
130	2.84	2.85	2.84	2.86	2.84													
135	3.23	3.23	3.24	3.24	3.23													
140	3.60	3.61	3.60	3.61	3.60													
145	3.90	3.91	3.91	3.92	3.90													
150	4.14	4.16	4.14	4.15	4.13													
155	4.36	4.37	4.35	4.36	4.34													
160	4.53	4.54	4.54	4.55	4.53													
165	4.67	4.68	4.67	4.69	4.66													
170	4.77	4.78	4.77	4.79	4.75													
175	4.86	4.85	4.84	4.86	4.83													
180	4.91	4.91	4.91	4.91	4.90													

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: