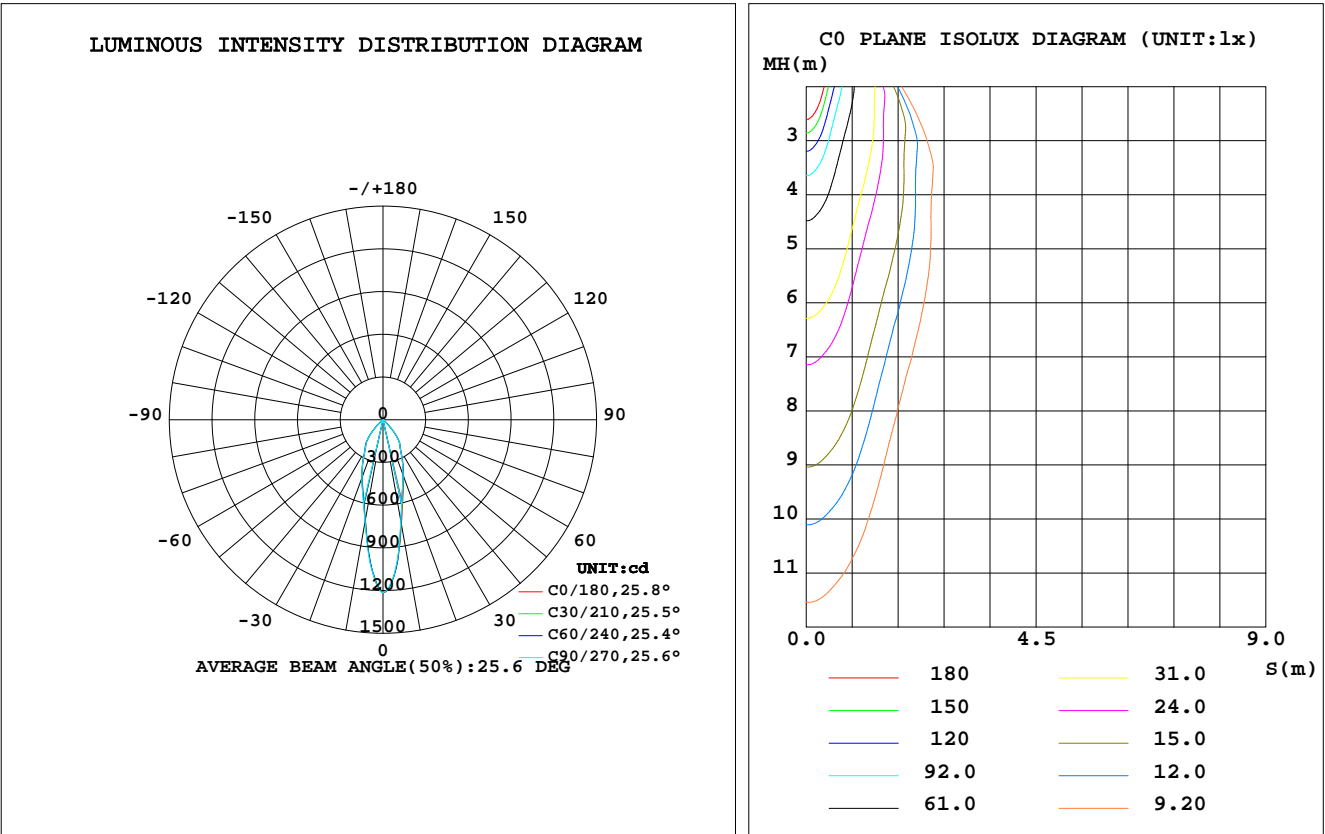


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.51 lm/W
MODEL	M021-9W-927-S-28	Imax(cd)	1215	S/MH(C0/180)	0.43	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.41	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	620.68	η UP,DN(C0-180)	1.1,48.4	
NOMINAL FLUX(lm)	620.659	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.3	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.4	η down(%)	97.7	CIBSE SHR MAX	0.55	



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	746.8	735.7	724.1	716.2	715.1	707.2	726.5	736.1	0- 10	88.06	88.06	14.2,14.2
20	424.2	416.2	410.8	415.3	426.1	429.2	434.9	427.4	10- 20	151.5	239.6	38.6,38.6
30	252.2	251.8	248.2	252.9	254.7	257.5	257.7	255.3	20- 30	151.9	391.5	63.1,63.1
40	143.4	145.1	140.7	140.7	146.3	146.8	148.3	148.6	30- 40	127.3	518.9	83.6,83.6
50	21.37	22.50	21.51	23.40	22.52	21.28	22.69	22.02	40- 50	54.32	573.2	92.4,92.4
60	11.08	11.33	11.21	11.51	11.12	10.63	11.04	11.08	50- 60	13.67	586.9	94.6,94.6
70	6.876	6.952	7.121	7.346	7.210	6.842	6.851	6.844	60- 70	8.920	595.8	96.96
80	4.681	4.838	5.113	5.243	5.337	4.804	4.669	4.837	70- 80	6.259	602.1	97.97
90	0.9770	0.9642	0.9711	2.274	1.126	1.131	1.130	1.480	80- 90	4.042	606.1	97.6,97.7
100	1.063	1.064	1.060	1.089	1.332	1.304	1.325	1.313	90-100	1.232	607.3	97.8,97.9
110	1.368	1.384	1.373	1.396	1.631	1.614	1.622	1.611	100-110	1.411	608.7	98.1,98.1
120	1.841	1.864	1.853	1.872	2.067	2.040	2.046	2.043	110-120	1.699	610.4	98.3,98.4
130	2.528	2.537	2.552	2.560	2.709	2.689	2.683	2.680	120-130	2.026	612.5	98.7,98.7
140	3.335	3.359	3.353	3.376	3.461	3.439	3.434	3.424	130-140	2.326	614.8	99.1,99.1
150	3.879	3.897	3.891	3.910	3.961	3.931	3.955	3.947	140-150	2.307	617.1	99.4,99.4
160	4.255	4.269	4.261	4.276	4.334	4.308	4.325	4.308	150-160	1.898	619.0	99.7,99.7
170	4.521	4.528	4.518	4.529	4.568	4.534	4.566	4.548	160-170	1.251	620.2	99.9,99.9
180	4.647	4.646	4.636	4.639	4.660	4.639	4.640	4.642	170-180	0.4373	620.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

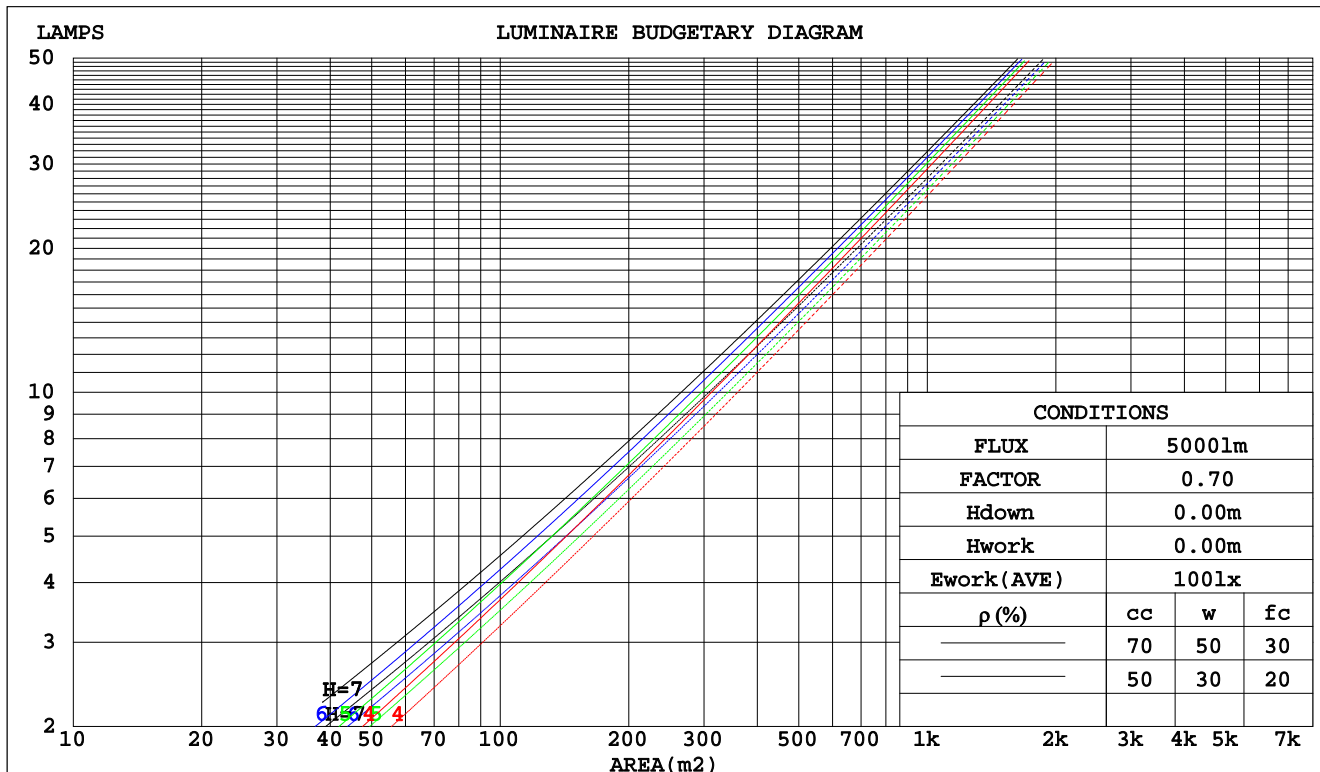
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 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	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	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.82	.86	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.77	.86	.81	.76	.84	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.82	.75	.71	.80	.75	.71	.78	.73	.70	.76	.72	.69	.75	.71	.68	.66
6.0	.76	.70	.66	.76	.70	.65	.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	.55	.51	.59	.54	.50	.58	.54	.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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 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	.196	.111	.035	.188	.107	.034	.174	.100	.032	.161	.093	.030	.149	.087	.028	
2.0	.185	.101	.031	.178	.098	.030	.166	.092	.029	.155	.087	.027	.145	.082	.026	
3.0	.174	.093	.028	.168	.090	.027	.158	.086	.026	.149	.081	.025	.140	.077	.024	
4.0	.164	.085	.025	.159	.083	.025	.150	.080	.024	.142	.076	.023	.134	.073	.022	
5.0	.155	.079	.023	.151	.078	.023	.143	.075	.022	.136	.072	.021	.129	.069	.021	
6.0	.147	.074	.021	.144	.073	.021	.137	.070	.020	.130	.068	.020	.124	.065	.019	
7.0	.140	.069	.020	.137	.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	.114	.057	.016	.110	.056	.016	
10.0	.121	.058	.016	.119	.057	.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	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.161	.163	.150	.139	.111	.103	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.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	.012	
4.0	.154	.117	.089	.132	.101	.078	.091	.071	.055	.053	.041	.032	.017	.013	.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	.058	.082	.059	.041	.048	.035	.025	.015	.011	.008	
7.0	.132	.089	.060	.113	.077	.052	.078	.054	.037	.045	.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	.040	.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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 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	22.4	23.4	22.6	23.6	23.8	22.3	23.2	22.5	23.4	23.7	
	3H	22.4	23.3	22.7	23.6	23.8	22.3	23.2	22.6	23.5	23.7
	4H	22.5	23.4	22.8	23.6	23.9	22.4	23.3	22.8	23.6	23.8
	6H	22.7	23.5	23.0	23.8	24.1	22.6	23.4	23.0	23.7	24.0
	8H	22.8	23.6	23.1	23.9	24.2	22.8	23.5	23.1	23.8	24.1
	12H	22.9	23.7	23.3	24.0	24.3	23.0	23.7	23.3	24.0	24.3
4H	2H	22.2	23.1	22.5	23.3	23.6	22.1	23.0	22.4	23.2	23.5
	3H	22.4	23.1	22.8	23.4	23.8	22.3	23.0	22.7	23.3	23.7
	4H	22.6	23.2	23.0	23.6	23.9	22.5	23.2	22.9	23.5	23.9
	6H	22.9	23.5	23.3	23.8	24.2	22.8	23.4	23.3	23.8	24.2
	8H	23.1	23.6	23.5	24.0	24.4	23.1	23.6	23.5	24.0	24.5
	12H	23.3	23.9	23.8	24.3	24.7	23.4	23.9	23.9	24.4	24.8
8H	4H	22.6	23.1	23.0	23.5	24.0	22.5	23.1	23.0	23.5	23.9
	6H	23.0	23.5	23.5	23.9	24.4	23.0	23.5	23.5	23.9	24.4
	8H	23.4	23.8	23.8	24.2	24.7	23.4	23.8	23.9	24.3	24.8
	12H	23.8	24.2	24.3	24.6	25.2	24.0	24.3	24.5	24.8	25.3
12H	4H	22.6	23.1	23.0	23.5	23.9	22.5	23.0	23.0	23.4	23.9
	6H	23.1	23.5	23.6	23.9	24.4	23.1	23.5	23.6	23.9	24.4
	8H	23.5	23.8	24.0	24.3	24.8	23.5	23.9	24.0	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 2.9					+ 1.6 / - 2.6					
1.5H	+ 3.5 / - 2.8					+ 3.4 / - 2.6					
2.0H	+ 3.1 / - 0.8					+ 2.9 / - 0.7					

CIE Pub.117 Corrected 620.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

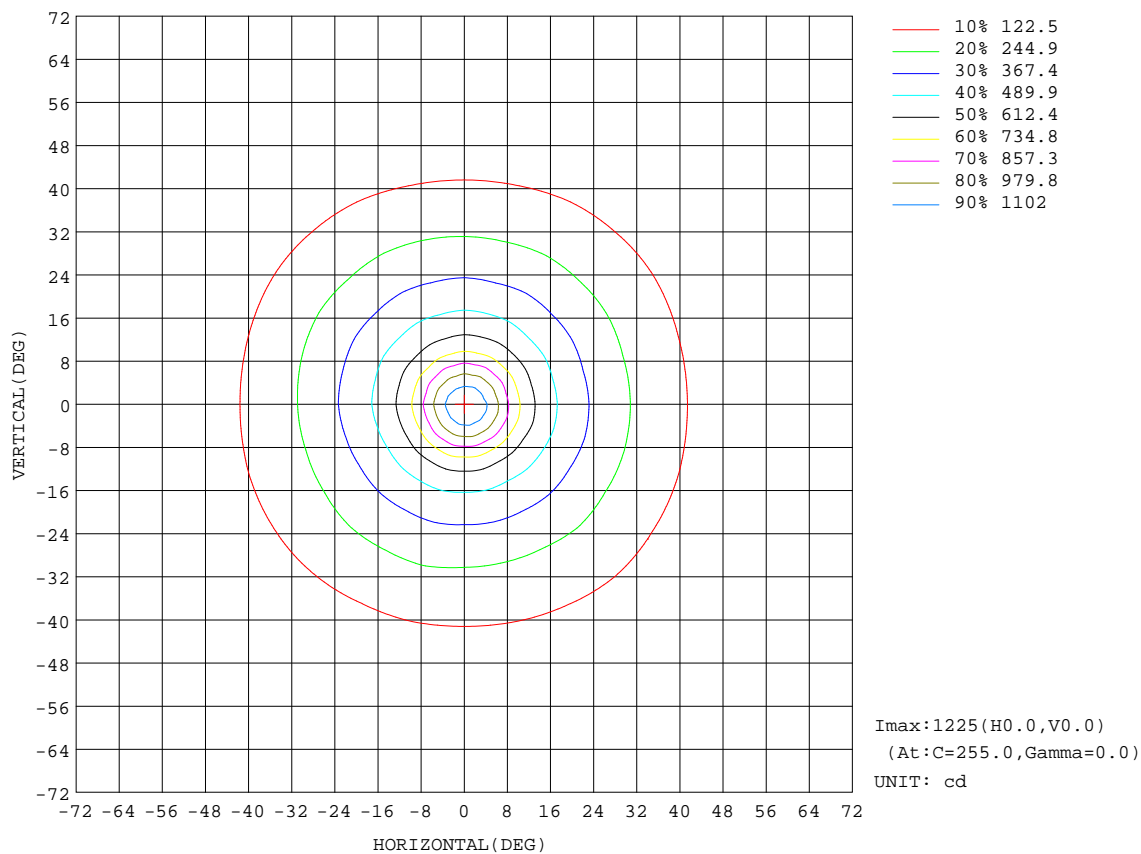
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	81	78	73
1.00	95	88	84	94	88	83	92	87	83	78
1.25	99	93	89	98	92	89	96	91	88	83
1.50	102	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	96	90
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	105	103	94
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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



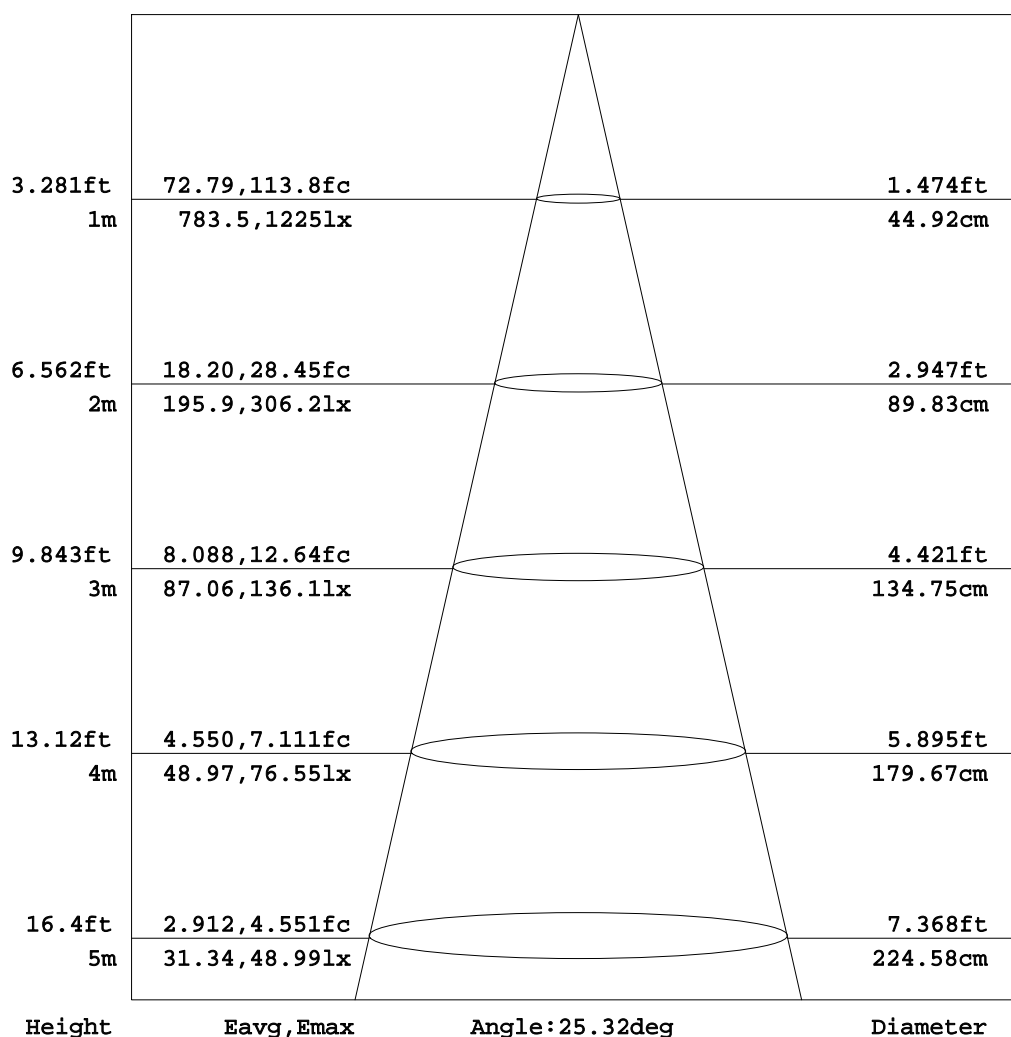
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

$\gamma$  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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:131.2 lm



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

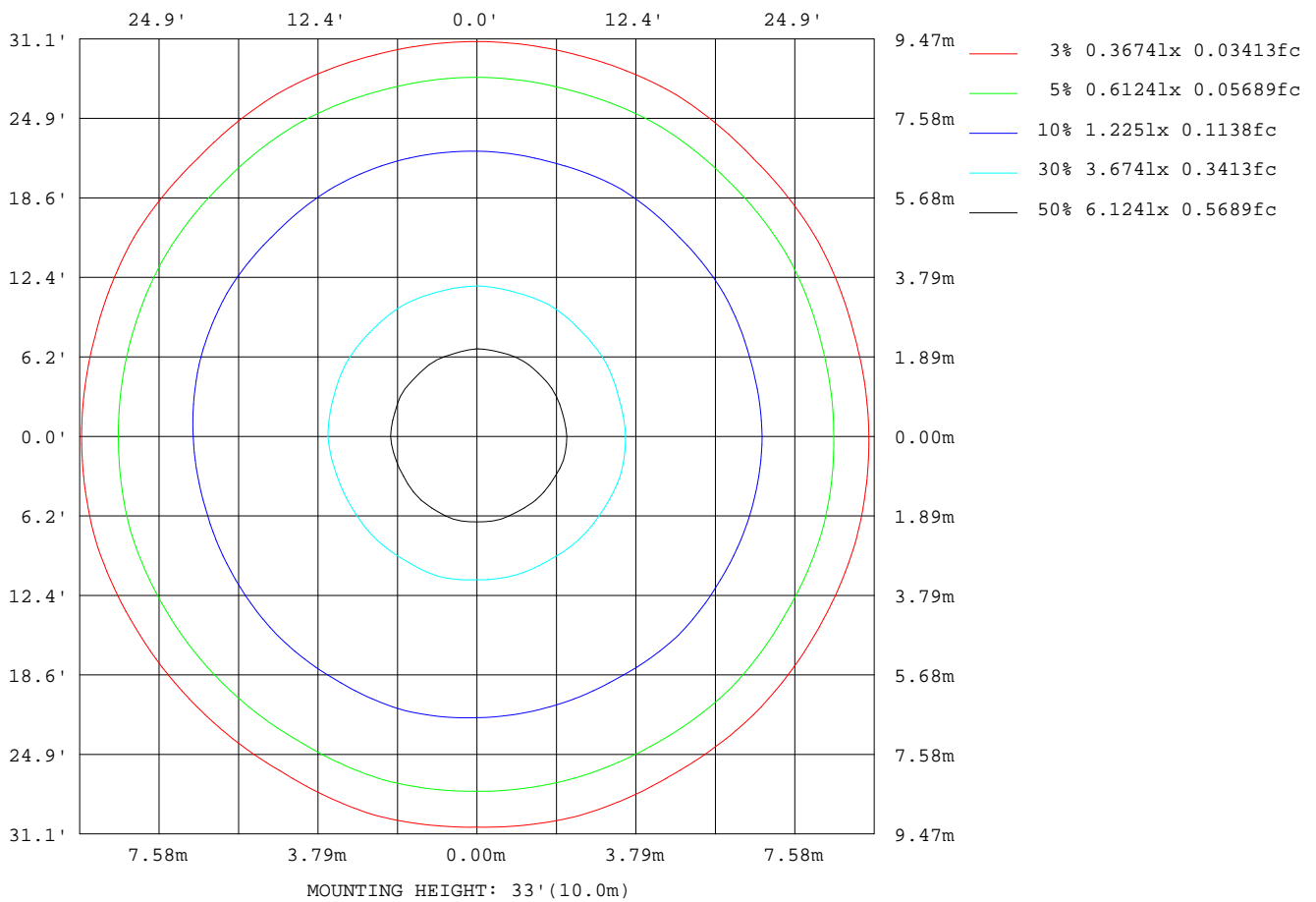
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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

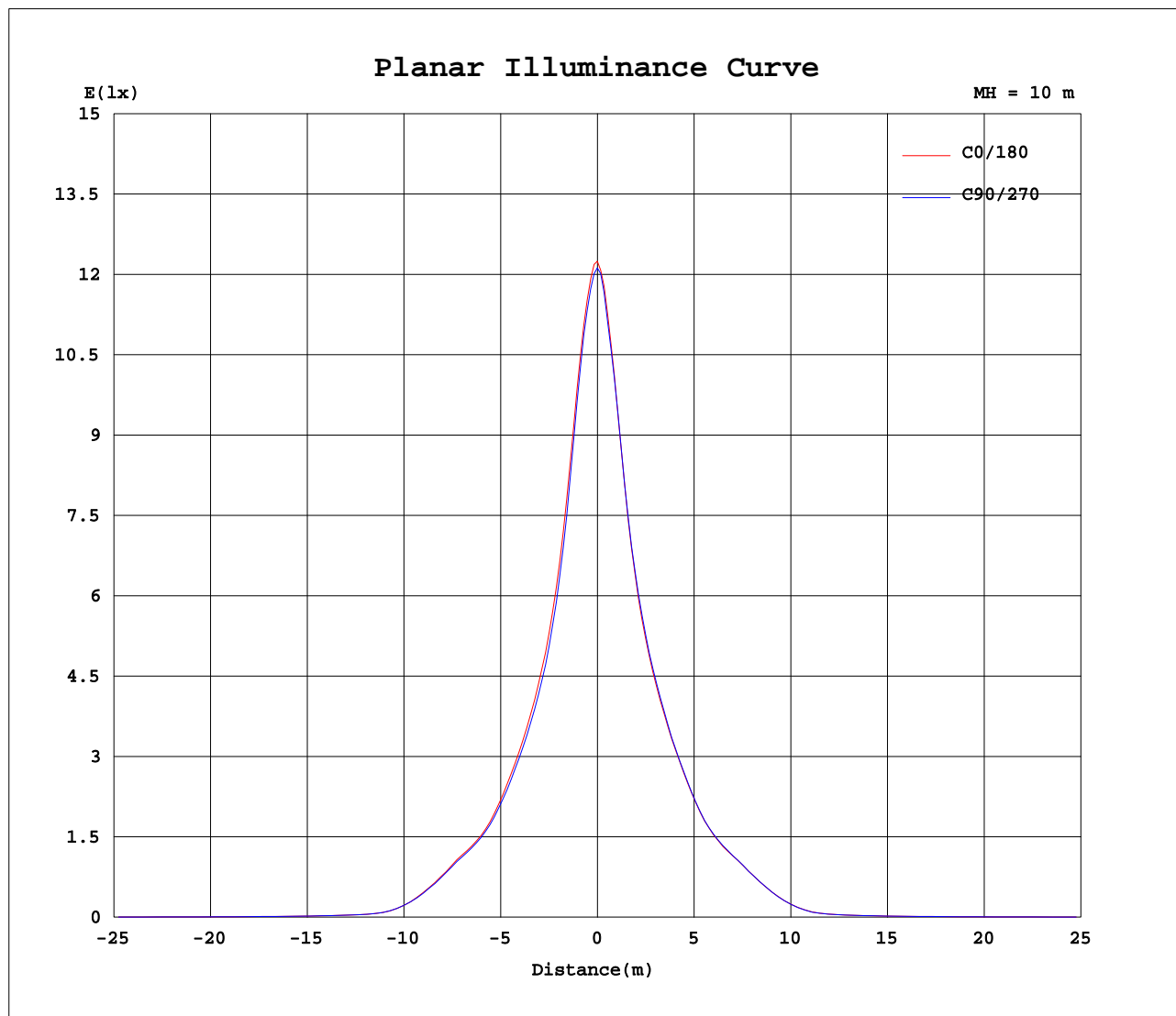
Test:U:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 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	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
5	1051	1061	1051	1058	1049	1054	1040	1044	1028	1029	1019	1019	1014	1007	1008	1001	1011	1005	1020
10	747	750	735	736	727	732	724	730	718	716	707	714	715	711	713	707	721	716	727
15	545	546	531	529	521	526	525	529	526	526	523	531	538	536	540	538	545	542	549
20	424	427	416	416	412	412	411	418	411	415	414	421	426	427	430	429	436	432	435
25	332	333	326	328	324	324	321	328	323	325	323	328	334	336	340	337	341	338	340
30	252	253	249	252	247	247	248	253	251	253	249	251	255	258	260	257	262	259	258
35	210	208	206	207	203	204	205	208	204	205	205	205	207	212	213	210	213	212	210
40	143	145	143	145	142	142	141	143	138	141	144	149	146	148	150	147	151	148	148
45	62.9	65.7	62.8	66.2	64.3	65.7	63.6	65.1	60.3	62.7	64.6	69.4	68.9	68.5	69.3	67.9	70.8	67.8	68.8
50	21.4	22.3	21.9	22.5	23.0	22.2	21.5	22.7	23.0	23.4	23.0	23.0	22.5	21.7	21.7	21.3	21.7	21.8	22.7
55	14.5	15.0	14.9	15.2	15.4	15.1	14.7	15.2	15.2	15.2	15.0	15.1	14.8	14.5	14.4	14.0	14.2	14.2	14.9
60	11.1	11.3	11.2	11.3	11.5	11.3	11.2	11.5	11.5	11.5	11.4	11.4	11.1	10.9	10.9	10.6	10.7	10.6	11.0
65	8.94	9.04	8.93	9.05	9.13	9.13	9.05	9.27	9.30	9.33	9.25	9.23	9.01	8.88	8.85	8.69	8.73	8.60	8.83
70	6.88	6.94	6.86	6.95	7.06	7.14	7.12	7.25	7.30	7.35	7.30	7.32	7.21	7.10	6.99	6.84	6.79	6.70	6.85
75	5.71	5.74	5.70	5.79	5.90	6.00	6.04	6.12	6.15	6.21	6.21	6.25	6.20	6.10	5.96	5.78	5.70	5.58	5.67
80	4.68	4.75	4.75	4.84	5.06	5.07	5.11	5.15	5.12	5.24	5.32	5.28	5.34	5.22	5.02	4.80	4.90	4.60	4.67
85	3.85	3.89	3.89	3.99	4.28	4.27	4.30	4.27	4.20	4.27	4.34	4.33	4.45	4.33	4.13	3.91	3.98	3.76	3.84
90	0.98	0.97	0.97	0.96	1.06	0.96	0.97	0.96	0.97	2.27	1.04	0.95	1.13	1.13	1.12	1.13	1.23	1.14	1.13
95	0.9980	0.99	0.99	0.99	1.02	0.99	1.00	0.99	1.00	1.02	1.03	0.98	1.22	1.22	1.21	1.21	1.26	1.22	1.21
100	1.06	1.07	1.07	1.06	1.08	1.07	1.06	1.07	1.06	1.09	1.08	1.06	1.33	1.31	1.33	1.30	1.35	1.32	1.32
105	1.19	1.20	1.18	1.20	1.19	1.20	1.19	1.20	1.19	1.22	1.20	1.20	1.47	1.45	1.46	1.44	1.49	1.45	1.46
110	1.37	1.39	1.37	1.38	1.38	1.39	1.37	1.39	1.37	1.40	1.38	1.38	1.63	1.62	1.63	1.61	1.64	1.62	1.62
115	1.58	1.60	1.59	1.61	1.60	1.61	1.60	1.61	1.59	1.61	1.60	1.59	1.83	1.81	1.82	1.81	1.83	1.82	1.81
120	1.84	1.86	1.84	1.86	1.86	1.87	1.85	1.87	1.85	1.87	1.86	1.84	2.07	2.05	2.06	2.04	2.07	2.04	2.05
125	2.15	2.16	2.15	2.17	2.17	2.18	2.17	2.18	2.17	2.19	2.16	2.16	2.36	2.35	2.34	2.33	2.36	2.33	2.34
130	2.53	2.54	2.53	2.54	2.55	2.55	2.55	2.55	2.54	2.56	2.54	2.53	2.71	2.70	2.70	2.69	2.70	2.68	2.68
135	2.95	2.96	2.95	2.96	2.97	2.98	2.97	2.98	2.98	2.98	2.96	2.95	3.10	3.09	3.09	3.08	3.10	3.08	3.08
140	3.33	3.36	3.34	3.36	3.36	3.37	3.35	3.36	3.36	3.38	3.36	3.35	3.46	3.45	3.44	3.44	3.45	3.42	3.43
145	3.66	3.67	3.64	3.67	3.67	3.67	3.66	3.68	3.66	3.68	3.66	3.65	3.75	3.74	3.73	3.72	3.74	3.72	3.72
150	3.88	3.90	3.88	3.90	3.90	3.90	3.89	3.90	3.89	3.91	3.88	3.89	3.96	3.96	3.96	3.93	3.97	3.94	3.96
155	4.07	4.10	4.07	4.10	4.10	4.10	4.09	4.10	4.09	4.11	4.09	4.09	4.16	4.14	4.14	4.13	4.15	4.13	4.15
160	4.25	4.28	4.26	4.27	4.28	4.28	4.26	4.27	4.26	4.28	4.26	4.27	4.33	4.31	4.31	4.31	4.32	4.30	4.32
165	4.40	4.43	4.40	4.42	4.41	4.42	4.40	4.42	4.40	4.42	4.40	4.42	4.47	4.45	4.46	4.44	4.47	4.44	4.46
170	4.52	4.54	4.51	4.53	4.53	4.54	4.52	4.53	4.52	4.53	4.52	4.53	4.57	4.56	4.56	4.53	4.57	4.55	4.57
175	4.59	4.61	4.59	4.60	4.59	4.60	4.58	4.60	4.58	4.59	4.57	4.59	4.62	4.60	4.60	4.59	4.61	4.60	4.62
180	4.65	4.66	4.63	4.65	4.65	4.65	4.64	4.64	4.64	4.64	4.65	4.65	4.66	4.65	4.64	4.64	4.66	4.63	4.64

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:

# LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.4V I:0.0450A P:8.560W PF:0.8400 Lamp Flux:620.659x1 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	1215	1215	1215	1215	1215														
5	1014	1034	1032	1046	1045														
10	725	736	736	747	745														
15	547	554	545	550	548														
20	430	435	427	431	424														
25	334	338	336	336	331														
30	256	258	255	255	253														
35	209	213	209	212	210														
40	147	151	149	151	145														
45	67.3	69.2	64.7	64.9	62.3														
50	22.5	22.7	22.0	21.7	21.0														
55	14.8	14.9	14.5	14.6	14.4														
60	11.1	11.2	11.1	11.2	11.1														
65	8.88	8.98	8.94	8.98	9.00														
70	6.87	6.92	6.84	6.89	6.93														
75	5.69	5.75	5.71	5.75	5.75														
80	4.71	4.74	4.84	4.83	4.72														
85	3.91	3.95	3.99	4.02	3.93														
90	1.14	1.13	1.48	1.22	1.13														
95	1.19	1.21	1.23	1.25	1.19														
100	1.31	1.33	1.31	1.34	1.31														
105	1.45	1.46	1.45	1.47	1.45														
110	1.61	1.62	1.61	1.62	1.61														
115	1.82	1.82	1.82	1.82	1.82														
120	2.04	2.04	2.04	2.06	2.05														
125	2.32	2.34	2.34	2.34	2.34														
130	2.66	2.68	2.68	2.68	2.68														
135	3.06	3.07	3.07	3.08	3.07														
140	3.41	3.43	3.42	3.44	3.43														
145	3.71	3.72	3.71	3.73	3.72														
150	3.93	3.95	3.95	3.96	3.93														
155	4.13	4.14	4.14	4.15	4.14														
160	4.30	4.31	4.31	4.32	4.30														
165	4.44	4.46	4.45	4.46	4.45														
170	4.55	4.56	4.55	4.57	4.55														
175	4.59	4.62	4.60	4.62	4.61														
180	4.64	4.64	4.64	4.64	4.65														

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: