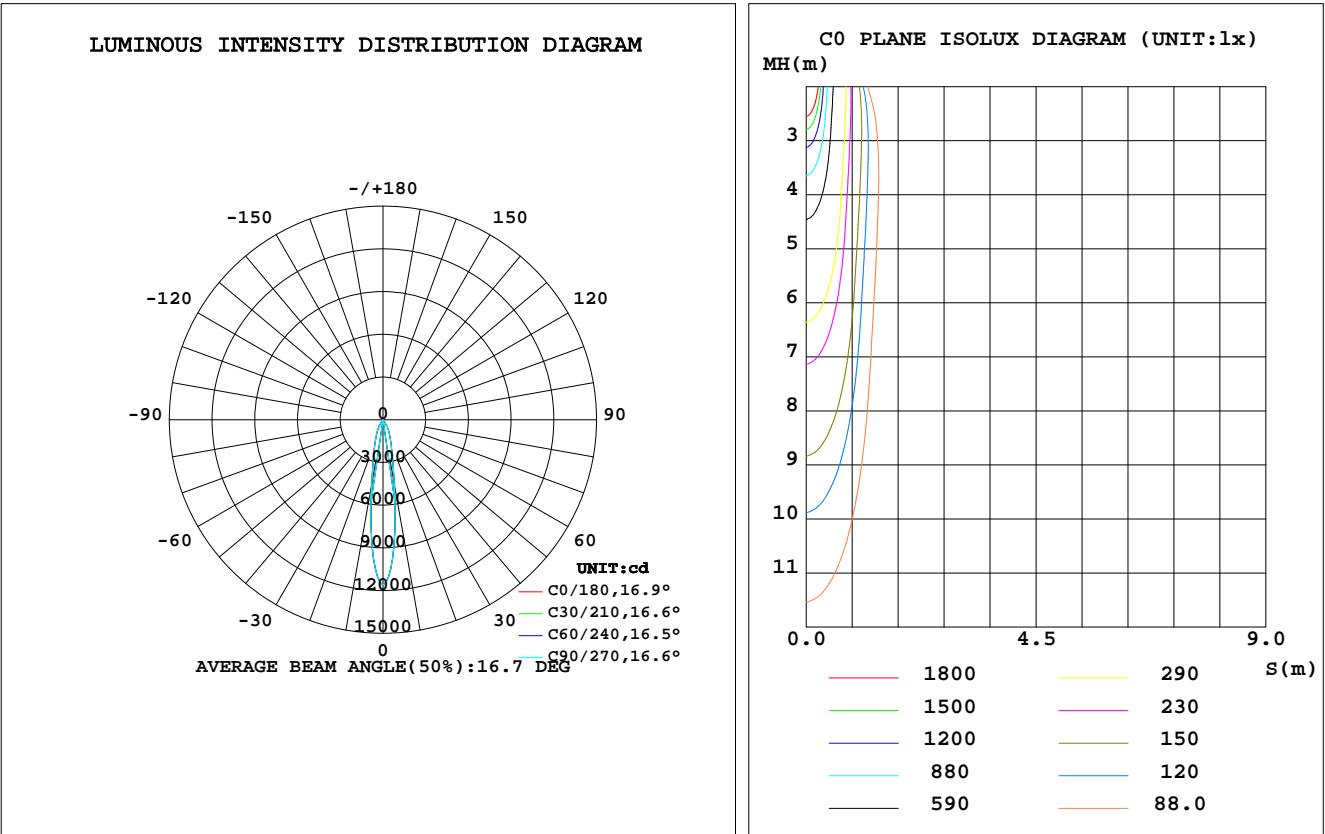


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.4V I:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.00 lm/W
MODEL	TL30-30W-930-B-16	Imax(cd)	11599	S/MH(C0/180)	0.29	
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.28	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2191.9	η UP,DN(C0-180)	1.2,49.4	
NOMINAL FLUX(lm)	2191.91	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.0	
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	226.3	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	ℓlum, lamp
10	463.9	465.0	457.4	468.8	464.6	442.4	456.7	456.7	0- 10	700.5	700.5	32,32
20	159.0	159.9	156.8	161.0	162.2	153.0	157.5	157.0	10- 20	721.7	1422	64.9,64.9
30	63.56	66.86	65.39	65.92	64.41	57.57	62.34	61.96	20- 30	479.4	1902	86.8,86.8
40	6.202	6.782	7.068	6.499	5.674	5.679	5.685	5.481	30- 40	160.0	2062	94.1,94.1
50	2.197	2.308	2.437	2.493	2.277	2.173	2.258	2.171	40- 50	28.09	2090	95.3,95.3
60	1.828	1.843	1.860	1.856	1.788	1.743	1.765	1.823	50- 60	17.52	2107	96.1,96.1
70	1.034	1.039	1.031	1.014	0.9692	0.9727	1.015	1.019	60- 70	13.92	2121	96.8,96.8
80	0.5976	0.6107	0.5949	0.5828	0.5797	0.5768	0.5970	0.5994	70- 80	8.358	2130	97.2,97.2
90	0.4219	0.4212	0.4207	0.4167	0.5108	0.5098	0.5086	0.5062	80- 90	5.370	2135	97.4,97.4
100	0.3470	0.3434	0.3436	0.3426	0.5304	0.5285	0.5280	0.5247	90-100	4.855	2140	97.6,97.6
110	0.4436	0.4386	0.4389	0.4375	0.5831	0.5844	0.5814	0.5800	100-110	4.919	2145	97.8,97.8
120	0.6094	0.6007	0.6021	0.5999	0.7138	0.7150	0.7109	0.7108	110-120	5.711	2150	98.1,98.1
130	0.9528	0.9383	0.9433	0.9393	1.024	1.028	1.019	1.021	120-130	7.130	2158	98.4,98.4
140	1.424	1.414	1.415	1.409	1.460	1.464	1.455	1.452	130-140	9.374	2167	98.9,98.9
150	1.695	1.689	1.685	1.681	1.730	1.726	1.719	1.714	140-150	9.923	2177	99.3,99.3
160	1.813	1.810	1.802	1.799	1.834	1.826	1.822	1.815	150-160	8.172	2185	99.7,99.7
170	1.821	1.822	1.810	1.807	1.841	1.831	1.828	1.822	160-170	5.178	2190	99.9,99.9
180	1.756	1.753	1.744	1.744	1.764	1.748	1.746	1.744	170-180	1.709	2192	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

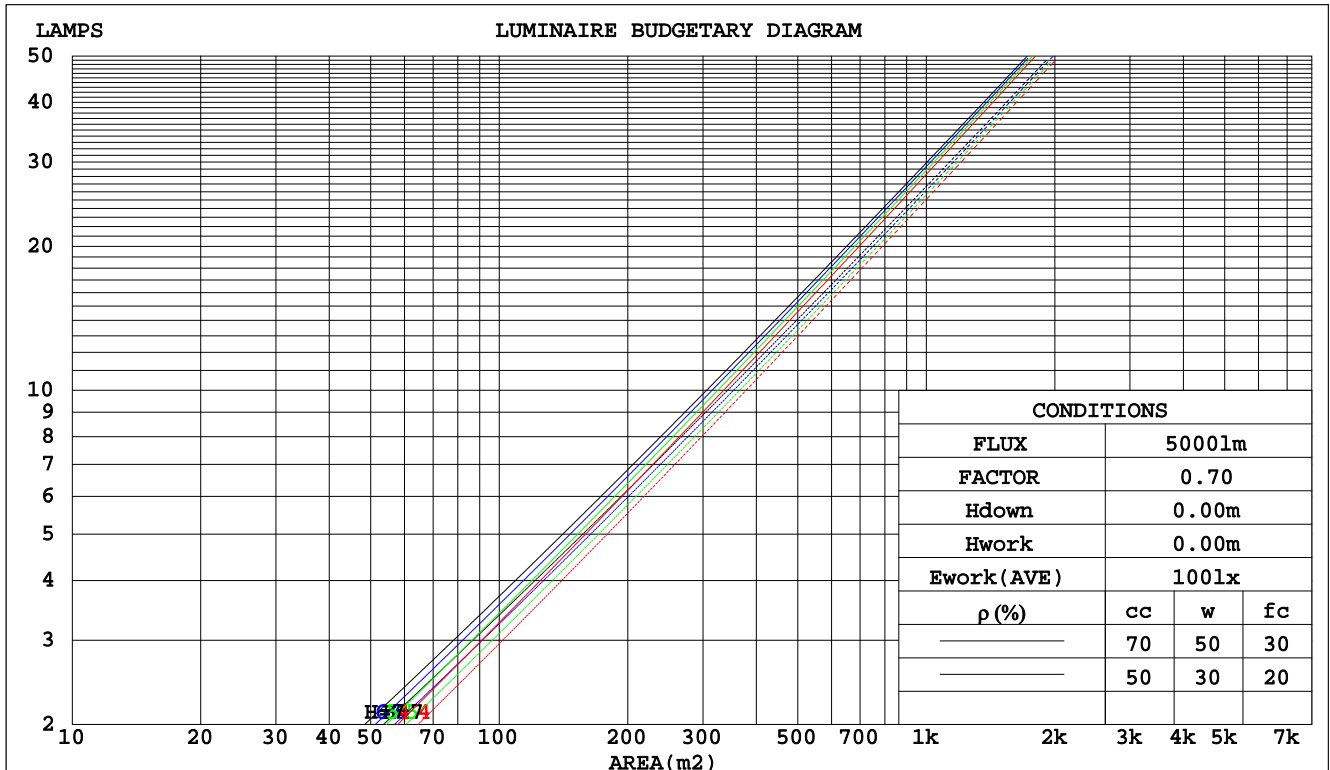
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91lx1 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	1.05	1.03	1.02	1.00	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.98	.00	.97	.95	.97	.95	.93	.93	.92	.91	.89
3.0	1.00	.96	.93	.98	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.87	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.86	.83	.81	.85	.82	.80	.79
6.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.84	.80	.78	.82	.79	.77	.76
7.0	.84	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.77	.73	.81	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.74	.71	.78	.73	.71	.77	.73	.70	.76	.72	.70	.75	.72	.70	.68
10.0	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.73	.70	.67	.66



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:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 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	.154	.088	.028	.147	.084	.027	.133	.076	.024	.120	.069	.022	.108	.063	.020	
2.0	.143	.078	.024	.137	.075	.023	.125	.070	.022	.114	.064	.020	.104	.059	.019	
3.0	.133	.071	.021	.128	.069	.021	.118	.064	.019	.109	.060	.018	.100	.056	.017	
4.0	.125	.065	.019	.121	.063	.019	.112	.059	.018	.104	.056	.017	.097	.053	.016	
5.0	.118	.060	.017	.114	.058	.017	.106	.055	.016	.100	.053	.016	.093	.050	.015	
6.0	.111	.056	.016	.108	.055	.016	.101	.052	.015	.095	.050	.015	.090	.047	.014	
7.0	.106	.052	.015	.103	.051	.015	.097	.049	.014	.092	.047	.014	.086	.045	.013	
8.0	.101	.049	.014	.098	.048	.014	.093	.046	.013	.088	.045	.013	.083	.043	.012	
9.0	.096	.046	.013	.094	.046	.013	.089	.044	.012	.085	.042	.012	.081	.041	.012	
10.0	.092	.044	.012	.090	.043	.012	.086	.042	.012	.082	.041	.012	.078	.039	.011	

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	.177	.167	.162	.152	.143	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.173	.153	.136	.148	.131	.118	.101	.091	.082	.058	.053	.048	.019	.017	.016	
3.0	.158	.134	.114	.136	.115	.099	.093	.080	.069	.054	.047	.041	.017	.015	.013	
4.0	.147	.119	.097	.126	.102	.084	.086	.071	.059	.050	.042	.035	.016	.014	.012	
5.0	.137	.106	.084	.117	.092	.073	.081	.064	.052	.047	.038	.031	.015	.012	.010	
6.0	.128	.097	.074	.110	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
7.0	.121	.089	.066	.104	.077	.058	.072	.054	.041	.042	.032	.024	.013	.010	.008	
8.0	.114	.082	.060	.099	.071	.052	.068	.050	.037	.040	.030	.022	.013	.010	.007	
9.0	.109	.077	.055	.094	.067	.048	.065	.047	.034	.038	.028	.020	.012	.009	.007	
10.0	.104	.072	.051	.090	.063	.044	.062	.044	.031	.036	.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:226.4V I:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91lx1 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	15.6	16.3	15.8	16.5	16.7	15.8	16.5	16.1	16.7	16.9	
	3H	15.8	16.5	16.1	16.7	17.0	16.0	16.7	16.3	16.9	17.2
	4H	16.0	16.6	16.3	16.9	17.1	16.2	16.8	16.5	17.0	17.3
	6H	16.2	16.8	16.5	17.0	17.3	16.3	16.9	16.6	17.2	17.5
	8H	16.3	16.8	16.6	17.1	17.4	16.4	17.0	16.7	17.3	17.6
	12H	16.4	17.0	16.8	17.3	17.6	16.5	17.1	16.9	17.4	17.7
4H	2H	15.6	16.2	15.9	16.4	16.7	15.8	16.4	16.1	16.7	16.9
	3H	15.9	16.5	16.3	16.8	17.1	16.1	16.6	16.4	17.0	17.3
	4H	16.2	16.7	16.5	17.0	17.4	16.3	16.8	16.7	17.2	17.5
	6H	16.5	16.9	16.9	17.3	17.7	16.6	17.1	17.0	17.4	17.8
	8H	16.7	17.1	17.1	17.5	17.9	16.8	17.2	17.2	17.6	18.0
	12H	16.9	17.3	17.3	17.7	18.1	17.0	17.4	17.4	17.8	18.2
8H	4H	16.2	16.6	16.6	17.0	17.4	16.3	16.8	16.8	17.2	17.6
	6H	16.7	17.0	17.1	17.4	17.9	16.8	17.1	17.2	17.5	18.0
	8H	16.9	17.2	17.4	17.7	18.2	17.0	17.3	17.5	17.8	18.3
	12H	17.3	17.6	17.8	18.1	18.6	17.4	17.6	17.9	18.1	18.6
12H	4H	16.2	16.6	16.6	17.0	17.4	16.3	16.7	16.8	17.1	17.6
	6H	16.7	17.0	17.2	17.5	17.9	16.8	17.1	17.3	17.6	18.0
	8H	17.0	17.3	17.5	17.7	18.3	17.1	17.3	17.6	17.8	18.3
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 0.7					+ 1.0 / - 0.8					
1.5H	+ 2.2 / - 0.7					+ 2.2 / - 0.7					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

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: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:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

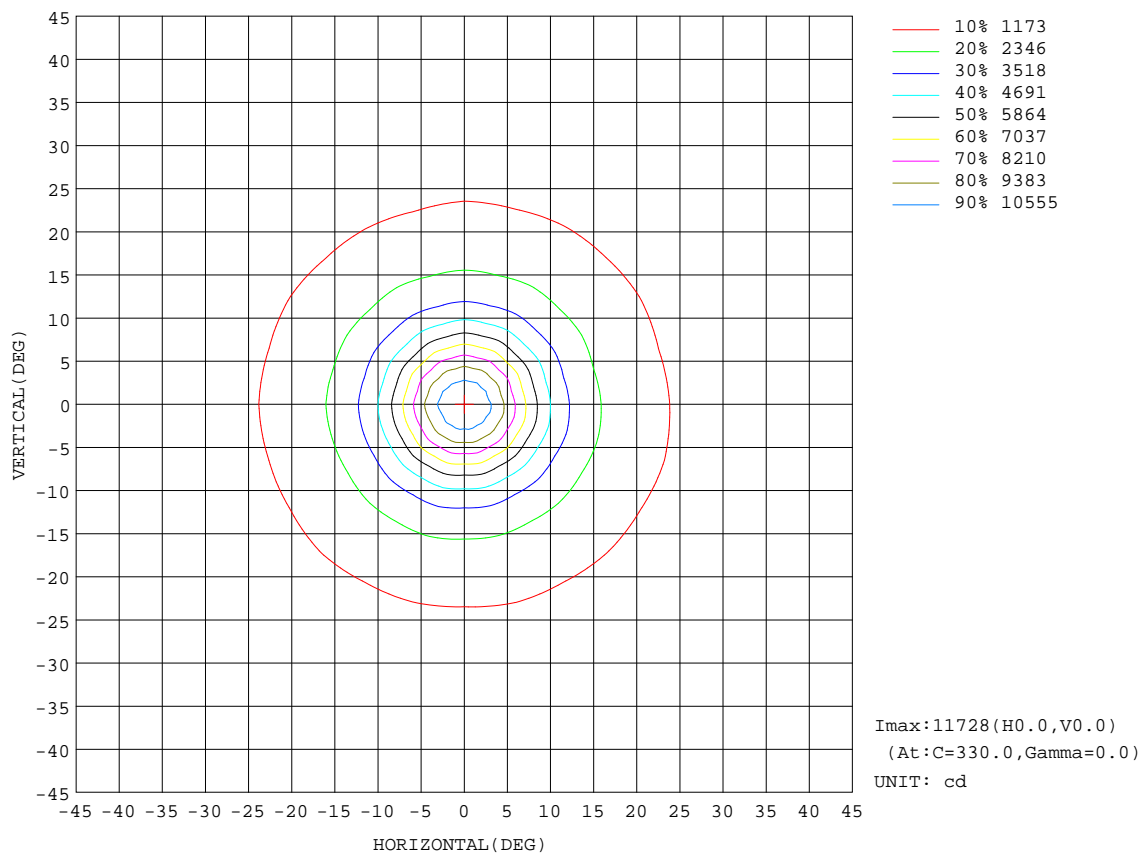
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	86	81	78	74
0.80	95	89	86	94	89	86	93	88	85	81
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	97	104	100	97	102	98	96	91
2.00	108	104	101	106	103	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	109	107	107	105	104	96
5.00	114	112	110	112	110	109	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:226.4V I:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



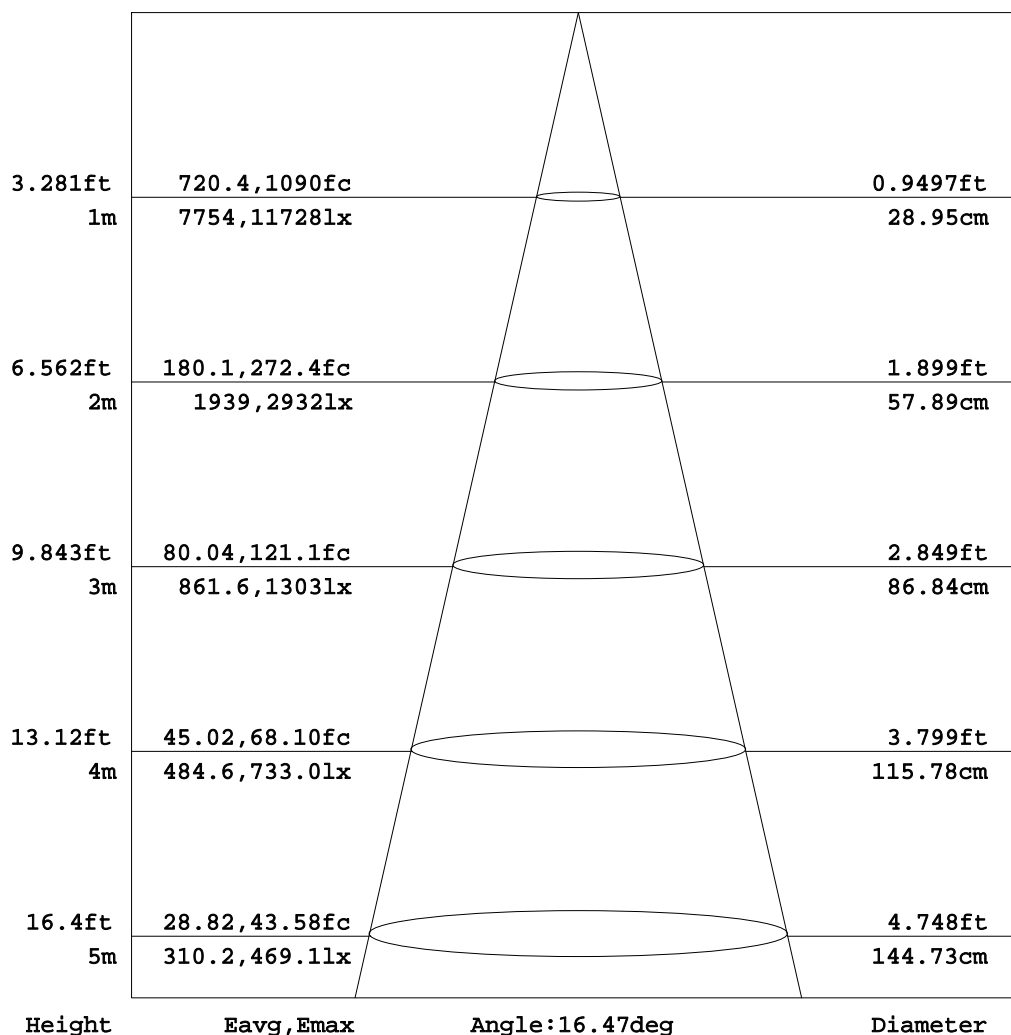
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ZhangXiao  
Test Date:2015-12-07

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:226.4V I:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:611.1 lm



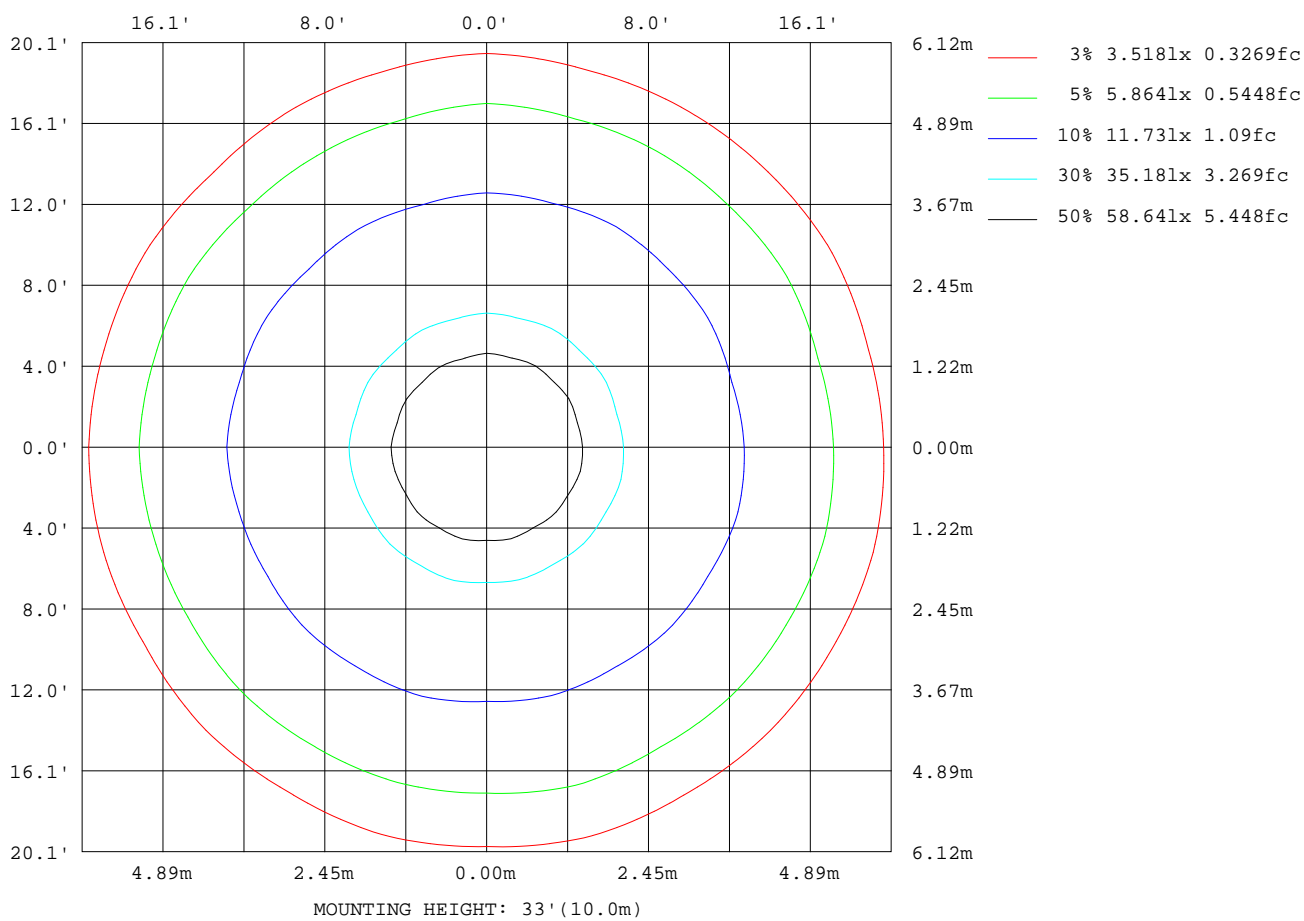
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

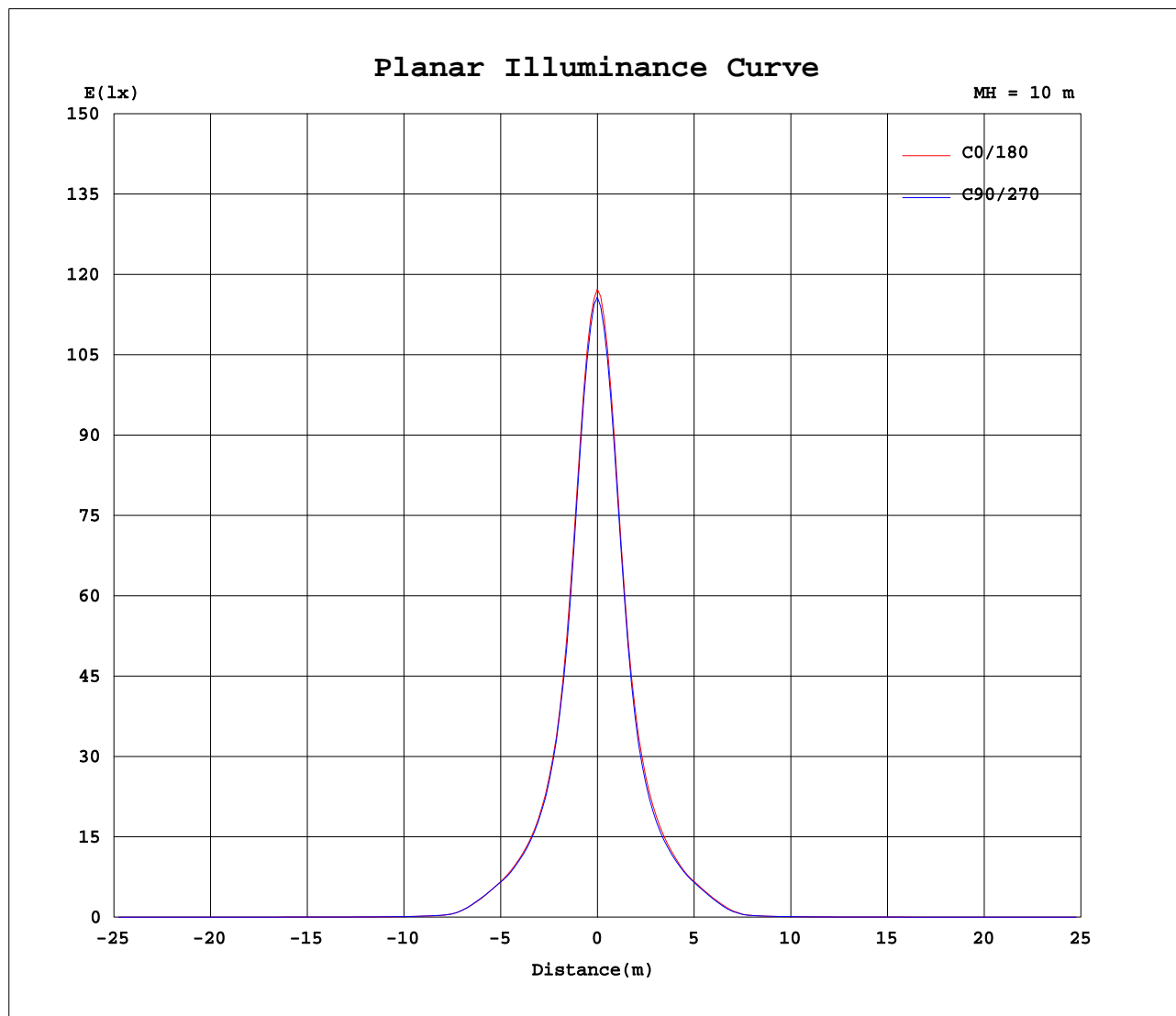
Test:U:226.4V I:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.9lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: ×10cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160
5	895	905	890	902	887	902	889	904	892	905	890	900	896	876	886	869	884	871	888
10	464	471	458	465	454	465	457	469	460	469	459	466	465	449	455	442	451	442	457
15	253	257	251	254	248	253	249	256	252	256	250	255	258	249	251	244	249	243	248
20	159	162	158	160	157	160	157	162	159	161	157	160	162	158	159	153	156	153	157
25	105	107	104	105	103	105	103	105	103	105	103	103	104	102	103	99.1	98.6	98.8	104
30	63.6	66.3	65.7	66.9	65.5	68.3	65.4	67.2	64.8	65.9	63.0	64.8	64.4	62.1	61.3	57.6	59.2	59.2	62.3
35	22.8	25.2	23.7	24.9	24.2	25.5	23.6	24.4	22.7	23.1	20.9	22.2	21.7	20.3	20.5	18.6	19.9	19.2	19.7
40	6.20	6.69	6.31	6.78	6.96	7.00	7.07	7.06	6.85	6.50	5.84	5.71	5.67	5.60	5.86	5.68	5.75	5.52	5.68
45	3.22	3.41	3.36	3.64	3.67	3.79	3.69	3.75	3.71	3.67	3.45	3.39	3.32	3.27	3.29	3.26	3.34	3.31	3.38
50	2.20	2.21	2.22	2.31	2.36	2.40	2.44	2.48	2.49	2.49	2.39	2.35	2.28	2.22	2.21	2.17	2.20	2.20	2.26
55	1.89	1.89	1.91	1.95	1.98	2.00	2.02	2.03	2.03	2.03	1.99	1.95	1.90	1.85	1.82	1.79	1.80	1.83	1.87
60	1.83	1.81	1.81	1.84	1.85	1.87	1.86	1.87	1.86	1.86	1.83	1.82	1.79	1.79	1.75	1.74	1.72	1.74	1.77
65	1.41	1.43	1.42	1.45	1.45	1.46	1.44	1.44	1.41	1.41	1.37	1.37	1.35	1.34	1.36	1.34	1.36	1.35	1.38
70	1.03	1.03	1.02	1.04	1.03	1.04	1.03	1.03	1.02	1.01	0.99	0.99	0.97	0.97	0.97	0.97	0.99	0.99	1.01
75	0.81	0.81	0.80	0.80	0.80	0.80	0.79	0.79	0.77	0.77	0.75	0.76	0.75	0.75	0.76	0.77	0.78	0.79	0.81
80	0.60	0.61	0.60	0.61	0.60	0.61	0.59	0.59	0.58	0.58	0.57	0.57	0.58	0.58	0.58	0.58	0.58	0.58	0.60
85	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.50	0.50	0.50	0.50	0.50	0.50	0.50
90	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.51	0.51	0.51	0.51	0.51	0.51	0.51
95	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.52	0.52	0.52	0.52	0.52	0.52	0.52
100	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.53	0.53	0.53	0.53	0.53	0.53	0.53
105	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.55	0.55	0.55	0.55	0.55	0.55	0.55
110	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.58	0.58	0.58	0.58	0.58	0.58	0.58
115	0.52	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.63	0.64	0.63	0.64	0.63	0.64	0.63
120	0.61	0.60	0.61	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.60	0.71	0.72	0.71	0.72	0.71	0.71	0.71
125	0.75	0.74	0.74	0.73	0.74	0.73	0.74	0.73	0.74	0.73	0.74	0.74	0.84	0.84	0.84	0.84	0.84	0.84	0.83
130	0.95	0.94	0.95	0.94	0.94	0.94	0.94	0.94	0.95	0.94	0.95	0.94	1.02	1.03	1.02	1.03	1.02	1.03	1.02
135	1.20	1.20	1.20	1.19	1.20	1.19	1.19	1.19	1.19	1.19	1.20	1.19	1.25	1.26	1.25	1.26	1.25	1.26	1.25
140	1.42	1.42	1.42	1.41	1.42	1.41	1.41	1.41	1.41	1.41	1.42	1.41	1.46	1.46	1.46	1.46	1.46	1.46	1.45
145	1.58	1.58	1.58	1.58	1.58	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.62	1.62	1.62	1.62	1.61	1.62	1.61
150	1.70	1.69	1.69	1.69	1.69	1.69	1.68	1.68	1.68	1.68	1.68	1.68	1.73	1.73	1.73	1.73	1.72	1.72	1.72
155	1.77	1.77	1.77	1.77	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.76	1.80	1.79	1.79	1.79	1.79	1.79	1.79
160	1.81	1.82	1.81	1.81	1.80	1.81	1.80	1.80	1.80	1.80	1.80	1.80	1.83	1.83	1.83	1.83	1.83	1.82	1.82
165	1.83	1.84	1.83	1.83	1.83	1.83	1.82	1.82	1.82	1.82	1.82	1.82	1.85	1.84	1.85	1.84	1.84	1.84	1.84
170	1.82	1.83	1.82	1.82	1.81	1.82	1.81	1.81	1.81	1.81	1.81	1.81	1.84	1.83	1.84	1.83	1.83	1.83	1.83
175	1.77	1.78	1.77	1.77	1.76	1.76	1.76	1.76	1.75	1.75	1.75	1.75	1.79	1.78	1.79	1.78	1.78	1.78	1.78
180	1.76	1.76	1.75	1.75	1.75	1.75	1.74	1.75	1.74	1.74	1.74	1.74	1.76	1.75	1.76	1.75	1.75	1.75	1.75

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:0.1260A P:27.40W PF:0.9590 Lamp Flux:2191.91x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: x10cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	1160	1160	1160	1160	1160														
5	878	896	885	903	889														
10	448	464	457	471	458														
15	245	253	249	255	248														
20	155	160	157	160	157														
25	101	103	103	105	102														
30	60.0	61.0	62.0	64.1	62.4														
35	18.9	19.9	20.5	21.8	21.0														
40	5.74	5.81	5.48	5.61	5.75														
45	3.35	3.34	3.21	3.17	3.12														
50	2.23	2.22	2.17	2.14	2.12														
55	1.89	1.89	1.88	1.85	1.85														
60	1.79	1.81	1.82	1.78	1.78														
65	1.36	1.38	1.37	1.38	1.37														
70	1.01	1.02	1.02	1.02	1.02														
75	0.81	0.81	0.81	0.81	0.80														
80	0.60	0.61	0.60	0.60	0.59														
85	0.50	0.50	0.49	0.49	0.49														
90	0.51	0.51	0.51	0.51	0.51														
95	0.52	0.52	0.52	0.51	0.51														
100	0.53	0.53	0.52	0.52	0.52														
105	0.55	0.55	0.55	0.54	0.54														
110	0.58	0.58	0.58	0.58	0.58														
115	0.63	0.63	0.63	0.63	0.63														
120	0.71	0.71	0.71	0.71	0.71														
125	0.84	0.83	0.84	0.83	0.83														
130	1.02	1.02	1.02	1.01	1.02														
135	1.25	1.24	1.25	1.24	1.24														
140	1.46	1.45	1.45	1.44	1.45														
145	1.61	1.61	1.61	1.60	1.60														
150	1.72	1.71	1.71	1.71	1.71														
155	1.78	1.78	1.78	1.78	1.78														
160	1.82	1.82	1.82	1.81	1.81														
165	1.84	1.84	1.83	1.83	1.83														
170	1.83	1.83	1.82	1.82	1.82														
175	1.78	1.78	1.78	1.77	1.77														
180	1.74	1.74	1.74	1.74	1.74														

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: