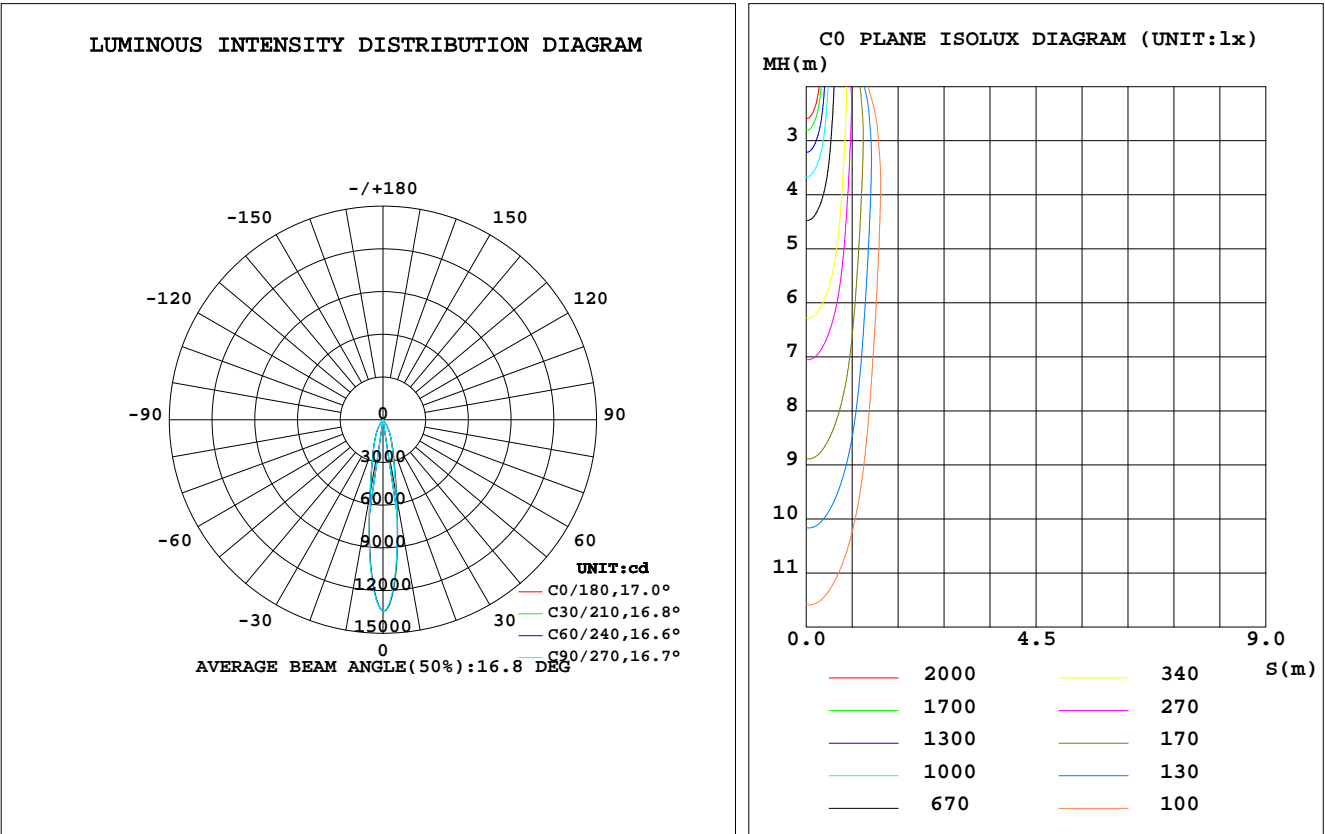


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.54 lm/W
MODEL	TL30-30W-830-B-16	Imax(cd)	13451	S/MH(C0/180)	0.30	
NOMINAL POWER(W)	28	LOR(%)	100.0	S/MH(C90/270)	0.29	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	2552.7	η UP,DN(C0-180)	1.2,49.5	
NOMINAL FLUX(lm)	2552.67	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,47.9	
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	ℓlum,lamp
10	559.9	561.8	538.3	546.7	534.6	502.5	526.3	540.7	0- 10	817.6	817.6	32,32
20	193.2	189.3	183.9	187.3	185.7	177.9	183.7	186.1	10- 20	848.2	1666	65.3,65.3
30	75.46	75.17	74.23	73.71	71.07	69.17	71.68	71.16	20- 30	557.6	2223	87.1,87.1
40	7.260	8.150	7.520	6.738	5.902	5.827	6.742	7.025	30- 40	182.2	2406	94.2,94.2
50	2.502	2.523	2.570	2.472	2.241	2.268	2.494	2.563	40- 50	30.72	2436	95.4,95.4
60	2.041	1.989	1.997	2.069	1.958	1.918	1.946	1.953	50- 60	18.88	2455	96.2,96.2
70	1.104	1.112	1.113	1.117	1.067	1.067	1.087	1.094	60- 70	15.23	2470	96.8,96.8
80	0.6868	0.7019	0.6987	0.6968	0.6824	0.6899	0.6984	0.6948	70- 80	9.375	2480	97.1,97.1
90	0.4959	0.4951	0.4931	0.4868	0.5979	0.5974	0.5955	0.5939	80- 90	6.292	2486	97.4,97.4
100	0.4063	0.4016	0.4018	0.4018	0.6194	0.6194	0.6175	0.6147	90-100	5.685	2492	97.6,97.6
110	0.5150	0.5098	0.5134	0.5132	0.6806	0.6814	0.6768	0.6755	100-110	5.743	2498	97.8,97.8
120	0.7076	0.6973	0.7049	0.7047	0.8360	0.8385	0.8271	0.8277	110-120	6.666	2504	98.1,98.1
130	1.103	1.088	1.103	1.107	1.202	1.207	1.190	1.185	120-130	8.332	2513	98.4,98.4
140	1.655	1.646	1.656	1.654	1.708	1.717	1.698	1.691	130-140	10.95	2523	98.9,98.9
150	1.979	1.970	1.973	1.970	2.018	2.020	2.007	2.003	140-150	11.59	2535	99.3,99.3
160	2.117	2.110	2.106	2.104	2.138	2.135	2.127	2.122	150-160	9.549	2545	99.7,99.7
170	2.128	2.124	2.112	2.104	2.140	2.135	2.131	2.130	160-170	6.044	2551	99.9,99.9
180	2.055	2.043	2.033	2.034	2.056	2.042	2.032	2.034	170-180	1.992	2553	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

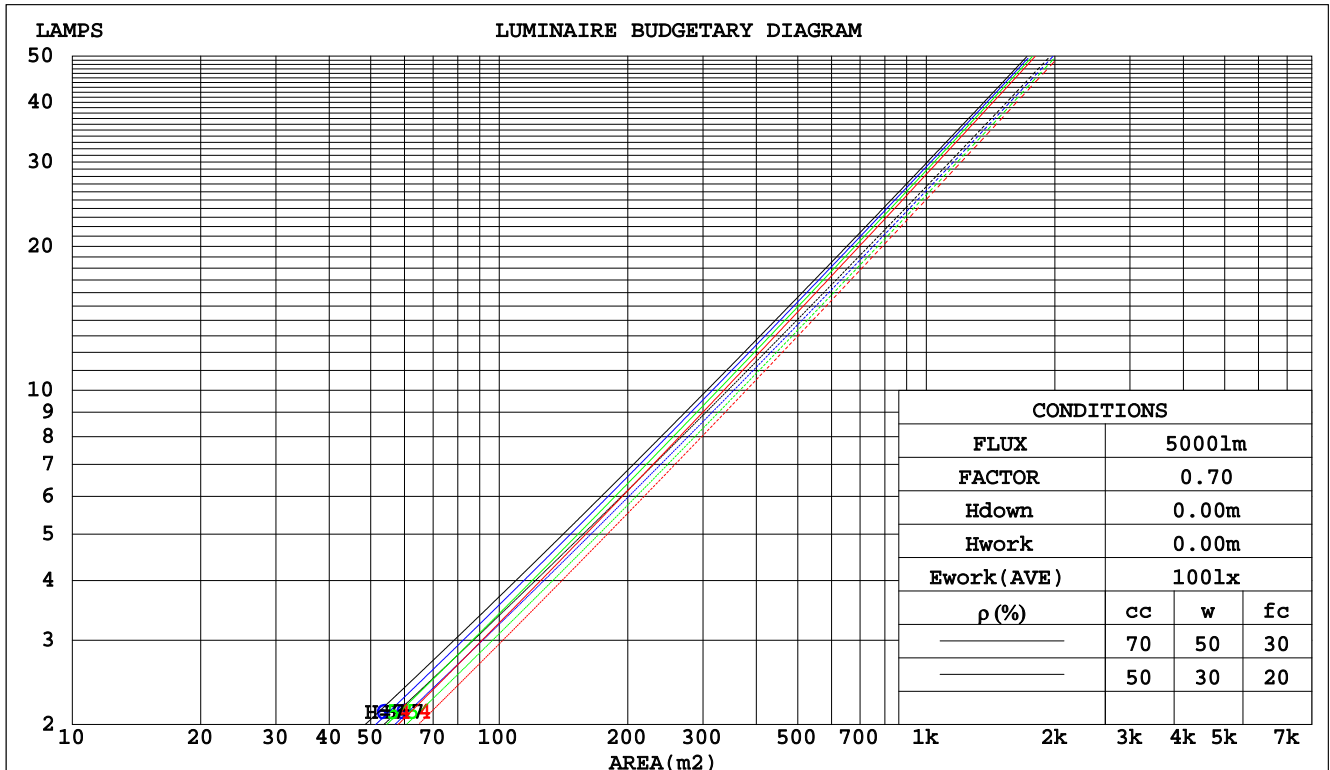
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 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	.94	.92	.91	.89
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.88	.91	.89	.87	.85
4.0	.95	.91	.88	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.85	.83	.82
5.0	.91	.87	.83	.90	.86	.83	.88	.85	.82	.87	.83	.81	.85	.82	.80	.79
6.0	.88	.83	.80	.87	.82	.79	.85	.81	.79	.84	.80	.78	.82	.79	.77	.76
7.0	.84	.80	.76	.84	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.73
8.0	.81	.77	.74	.81	.76	.73	.80	.76	.73	.78	.75	.72	.77	.74	.72	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.75	.72	.70	.69
10.0	.76	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.68	.67



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:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 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	.087	.028	.146	.083	.026	.132	.076	.024	.119	.069	.022	.108	.062	.020	
2.0	.142	.078	.024	.136	.075	.023	.125	.069	.022	.114	.064	.020	.104	.059	.018	
3.0	.133	.071	.021	.128	.068	.021	.118	.064	.019	.108	.059	.018	.100	.055	.017	
4.0	.125	.065	.019	.120	.063	.019	.112	.059	.018	.104	.056	.017	.096	.052	.016	
5.0	.117	.060	.017	.113	.058	.017	.106	.055	.016	.099	.052	.016	.093	.049	.015	
6.0	.111	.056	.016	.108	.054	.016	.101	.052	.015	.095	.049	.015	.089	.047	.014	
7.0	.105	.052	.015	.102	.051	.015	.097	.049	.014	.091	.047	.014	.086	.045	.013	
8.0	.100	.049	.014	.098	.048	.014	.092	.046	.013	.088	.044	.013	.083	.043	.012	
9.0	.096	.046	.013	.093	.045	.013	.089	.044	.012	.084	.042	.012	.080	.041	.012	
10.0	.092	.044	.012	.089	.043	.012	.085	.042	.012	.081	.040	.011	.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	.178	.167	.162	.152	.144	.111	.105	.099	.064	.061	.058	.020	.020	.019	
2.0	.172	.153	.136	.148	.132	.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	.107	.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	.067	.104	.077	.058	.072	.054	.041	.042	.032	.024	.013	.010	.008	
8.0	.114	.082	.060	.098	.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	.032	.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:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 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	16.1	16.8	16.4	17.0	17.2	16.0	16.7	16.2	16.9	17.1
	3H	16.3	17.0	16.6	17.2	17.4	16.2	16.8	16.5	17.1	17.3
	4H	16.4	17.1	16.7	17.3	17.6	16.3	17.0	16.6	17.2	17.5
	6H	16.6	17.2	16.9	17.5	17.8	16.5	17.1	16.8	17.4	17.7
	8H	16.7	17.3	17.0	17.6	17.9	16.6	17.2	16.9	17.5	17.8
	12H	16.8	17.4	17.2	17.7	18.0	16.8	17.3	17.1	17.6	17.9
4H	2H	16.1	16.7	16.4	16.9	17.2	15.9	16.6	16.2	16.8	17.1
	3H	16.3	16.9	16.7	17.2	17.5	16.2	16.8	16.6	17.1	17.4
	4H	16.6	17.1	16.9	17.4	17.8	16.5	17.0	16.8	17.3	17.7
	6H	16.9	17.3	17.3	17.7	18.1	16.8	17.2	17.2	17.6	18.0
	8H	17.0	17.5	17.5	17.9	18.3	17.0	17.4	17.4	17.8	18.2
	12H	17.3	17.7	17.7	18.1	18.5	17.2	17.6	17.7	18.0	18.5
8H	4H	16.6	17.0	17.0	17.4	17.8	16.5	16.9	16.9	17.3	17.7
	6H	17.0	17.4	17.5	17.8	18.3	17.0	17.3	17.4	17.8	18.2
	8H	17.3	17.6	17.8	18.1	18.6	17.2	17.6	17.7	18.0	18.5
	12H	17.7	18.0	18.2	18.5	19.0	17.7	17.9	18.2	18.4	18.9
12H	4H	16.6	17.0	17.0	17.4	17.8	16.5	16.9	16.9	17.3	17.7
	6H	17.1	17.4	17.6	17.8	18.3	17.0	17.3	17.5	17.8	18.3
	8H	17.4	17.7	17.9	18.1	18.7	17.3	17.6	17.8	18.1	18.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.0 / - 0.7					+ 1.0 / - 0.8					
1.5H	+ 2.1 / - 0.6					+ 2.2 / - 0.7					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 2553 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.3)

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:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

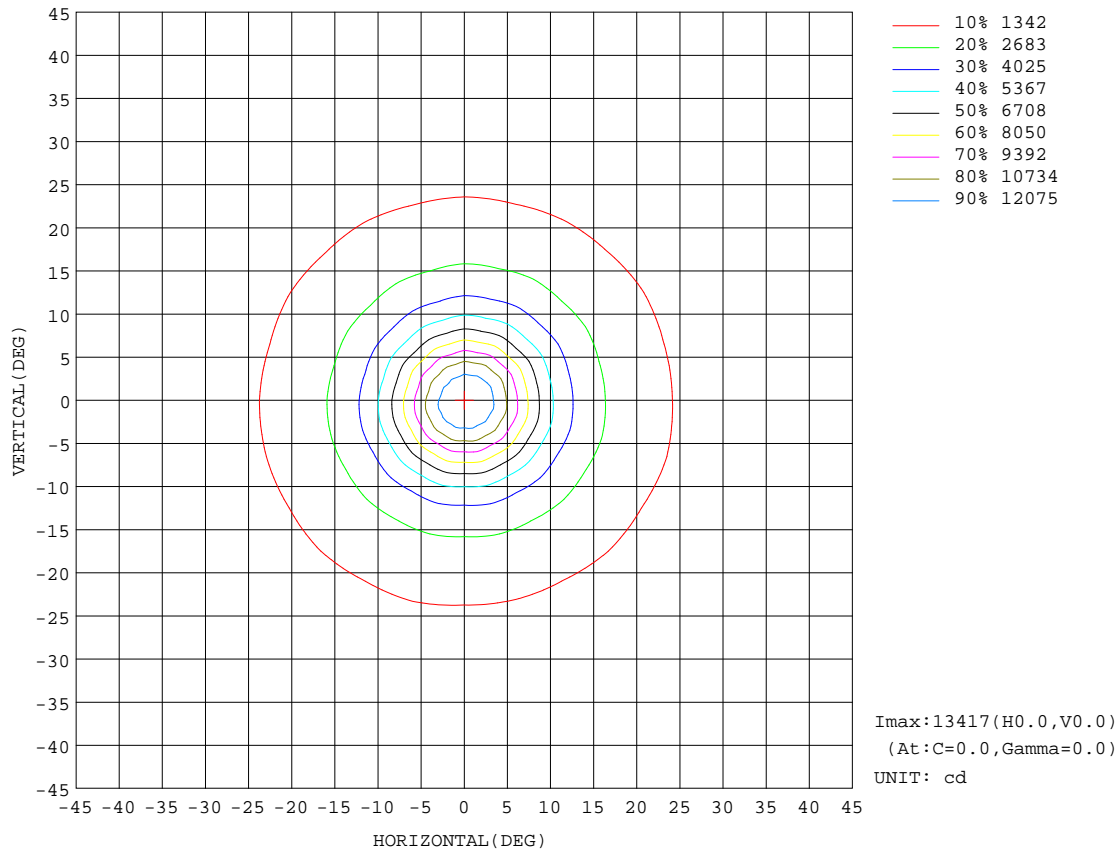
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	87	81	78	75
0.80	95	90	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	99	96	93	89
1.50	105	101	98	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

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:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



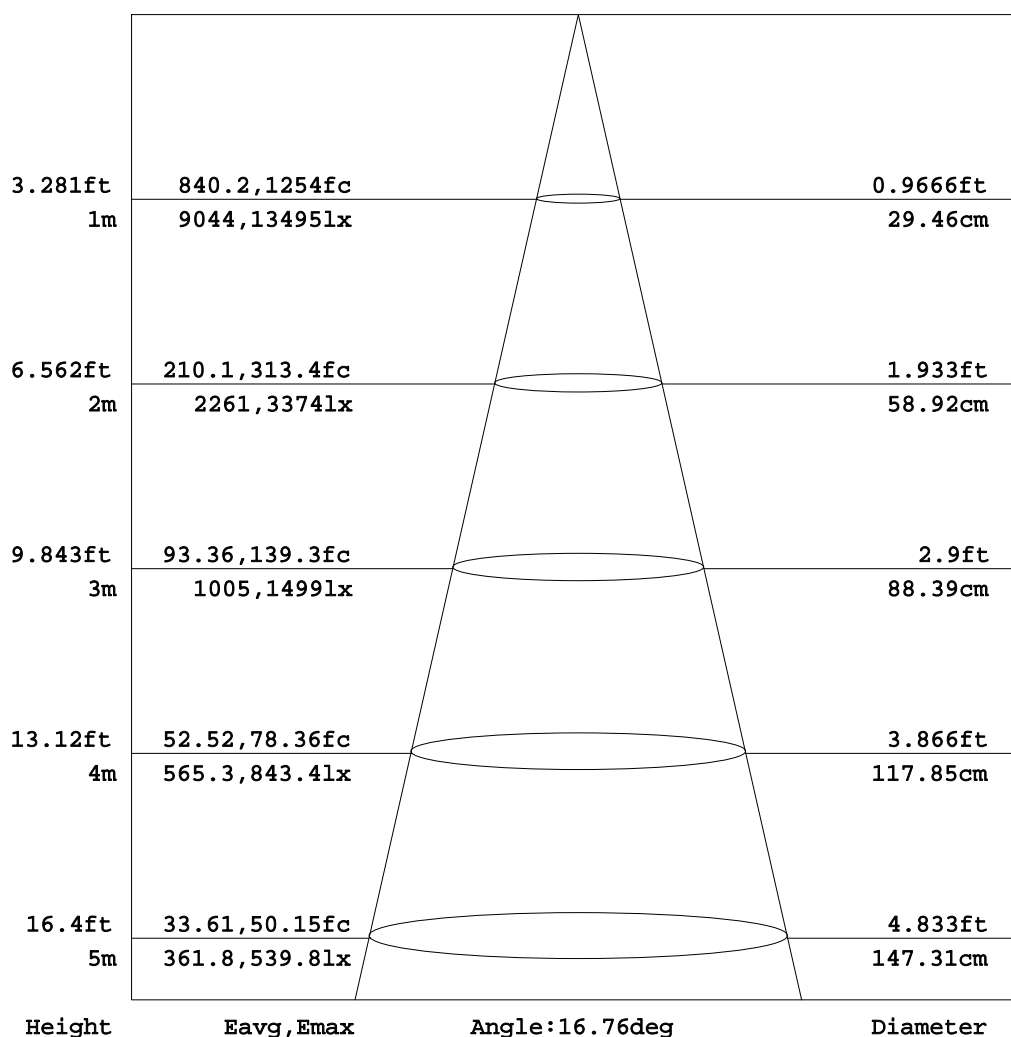
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:712.8 lm



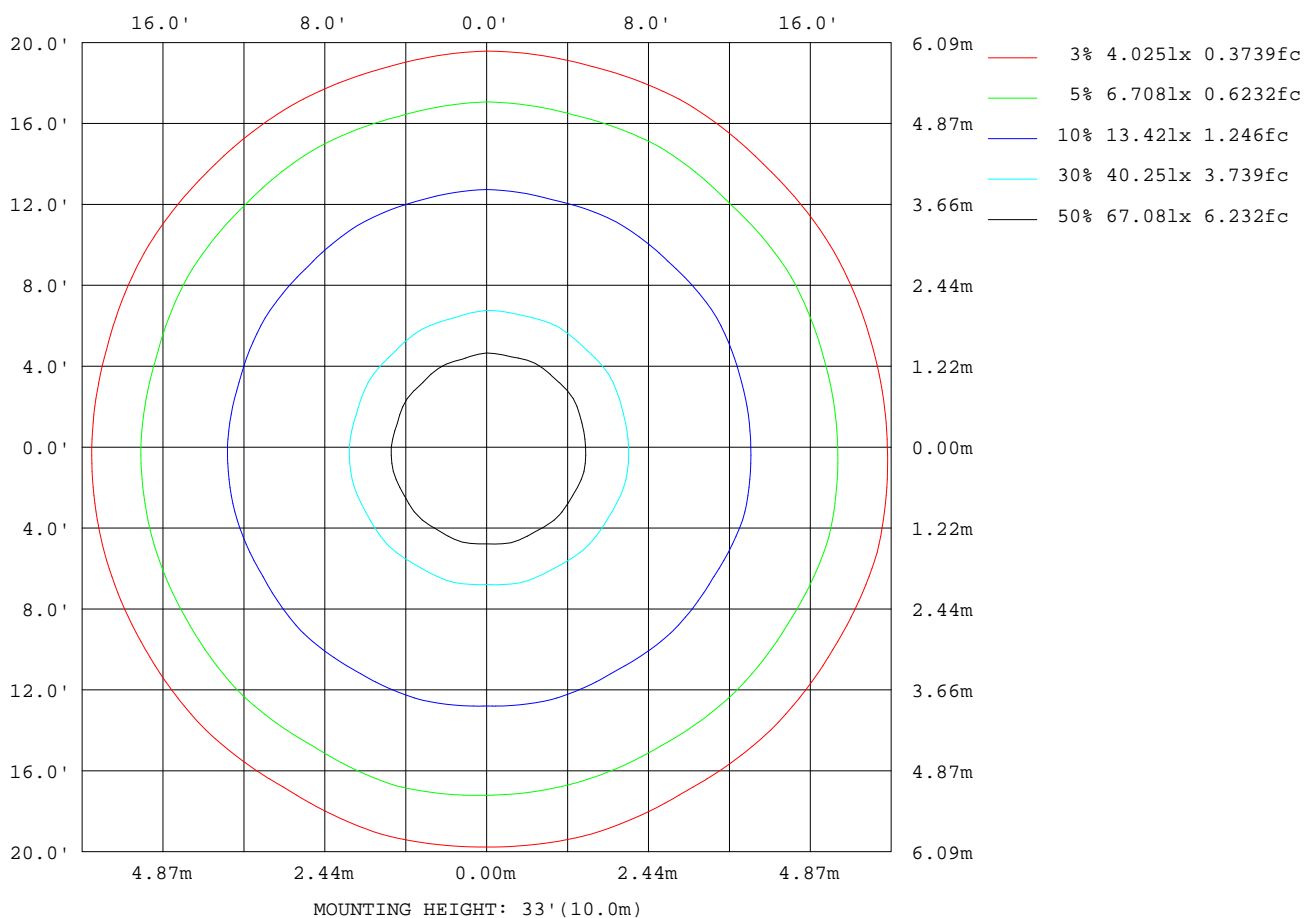
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

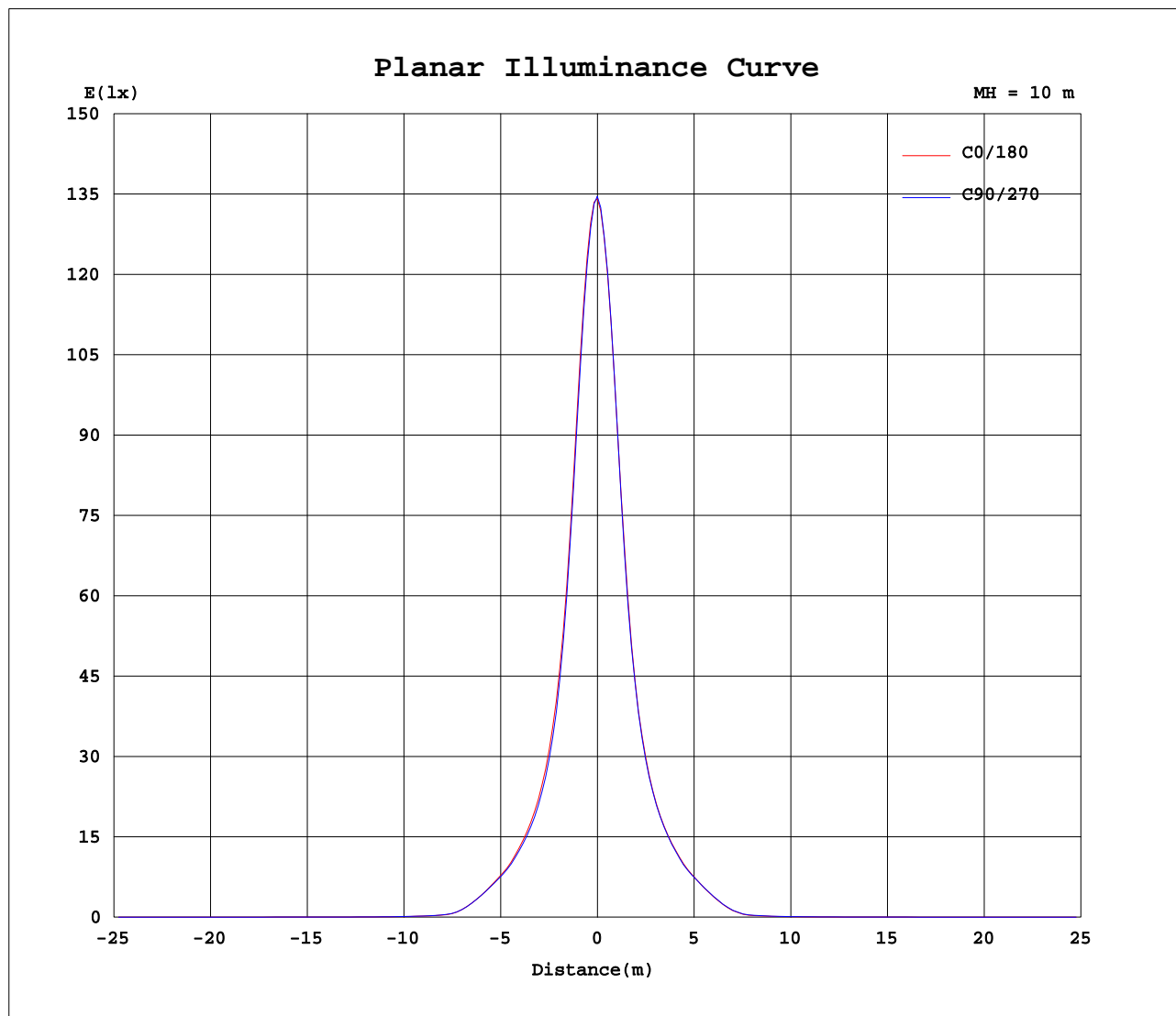
Test:U:226.5V I:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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

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:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 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	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345
5	1066	1082	1062	1074	1051	1064	1042	1056	1035	1046	1025	1032	1023	997	1009	989	1008	994	1023
10	560	571	554	562	544	553	538	550	536	547	533	539	535	513	519	503	515	507	526
15	308	312	302	305	295	298	290	296	292	298	292	295	295	285	287	280	285	281	290
20	193	196	189	189	183	187	184	187	185	187	184	186	186	181	181	178	181	180	184
25	124	126	122	123	119	120	120	123	120	122	119	120	120	117	118	116	118	116	118
30	75.5	78.6	75.0	75.2	72.2	74.7	74.2	76.0	71.6	73.7	72.1	71.9	71.1	69.4	70.0	69.2	69.6	68.9	71.7
35	26.5	29.2	28.1	28.9	26.8	29.1	26.1	26.6	24.1	25.1	23.5	23.7	22.9	22.1	22.6	21.2	22.6	22.4	23.6
40	7.26	7.59	7.71	8.15	7.75	7.95	7.52	7.55	7.25	6.74	6.01	6.02	5.90	5.89	5.89	5.83	6.24	6.28	6.74
45	3.83	4.02	3.99	4.16	4.05	4.05	3.93	3.98	3.82	3.71	3.48	3.35	3.29	3.24	3.31	3.35	3.47	3.52	3.74
50	2.50	2.49	2.49	2.52	2.53	2.56	2.57	2.61	2.53	2.47	2.36	2.29	2.24	2.20	2.24	2.27	2.36	2.40	2.49
55	2.09	2.06	2.05	2.04	2.05	2.08	2.11	2.16	2.15	2.13	2.08	2.02	1.98	1.94	1.93	1.95	1.99	2.02	2.06
60	2.04	2.04	2.01	1.99	1.96	1.97	2.00	2.04	2.06	2.07	2.04	1.97	1.96	1.94	1.90	1.92	1.93	1.94	1.95
65	1.57	1.60	1.57	1.58	1.56	1.57	1.56	1.58	1.53	1.54	1.49	1.49	1.47	1.45	1.47	1.46	1.51	1.49	1.52
70	1.10	1.12	1.11	1.11	1.10	1.11	1.11	1.13	1.12	1.12	1.09	1.09	1.07	1.06	1.07	1.07	1.08	1.07	1.09
75	0.88	0.89	0.88	0.89	0.89	0.90	0.90	0.92	0.91	0.90	0.88	0.87	0.87	0.87	0.87	0.87	0.88	0.88	0.89
80	0.69	0.70	0.69	0.70	0.69	0.70	0.70	0.71	0.70	0.70	0.68	0.67	0.68	0.68	0.69	0.69	0.69	0.69	0.70
85	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.53	0.54	0.53	0.58	0.58	0.58	0.58	0.58	0.58	0.58
90	0.50	0.50	0.50	0.50	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.60	0.60	0.60	0.60	0.60	0.60	0.60
95	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.61	0.61	0.61	0.61	0.61	0.61	0.61
100	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.62	0.62	0.62	0.62	0.62	0.62	0.62
105	0.44	0.44	0.44	0.43	0.44	0.43	0.44	0.44	0.44	0.44	0.44	0.44	0.64	0.64	0.64	0.64	0.64	0.64	0.64
110	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.52	0.51	0.52	0.51	0.68	0.68	0.68	0.68	0.68	0.68	0.68
115	0.60	0.60	0.60	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.60	0.74	0.74	0.74	0.74	0.74	0.74	0.74
120	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.70	0.71	0.71	0.84	0.84	0.83	0.84	0.83	0.83	0.83
125	0.87	0.85	0.86	0.85	0.86	0.85	0.86	0.86	0.87	0.86	0.88	0.87	0.98	0.99	0.98	0.99	0.98	0.98	0.97
130	1.10	1.09	1.10	1.09	1.10	1.09	1.10	1.10	1.11	1.11	1.12	1.11	1.20	1.21	1.20	1.21	1.20	1.20	1.19
135	1.40	1.38	1.39	1.38	1.39	1.39	1.40	1.39	1.41	1.40	1.41	1.40	1.47	1.48	1.47	1.48	1.46	1.47	1.46
140	1.66	1.65	1.65	1.65	1.65	1.65	1.66	1.65	1.66	1.65	1.66	1.66	1.71	1.72	1.71	1.72	1.70	1.71	1.70
145	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.85	1.84	1.89	1.90	1.89	1.90	1.88	1.89	1.88
150	1.98	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.98	1.97	2.02	2.02	2.01	2.02	2.01	2.02	2.01
155	2.07	2.06	2.06	2.06	2.06	2.06	2.06	2.05	2.06	2.06	2.06	2.05	2.10	2.10	2.09	2.10	2.09	2.09	2.09
160	2.12	2.12	2.11	2.11	2.11	2.11	2.11	2.10	2.11	2.10	2.11	2.10	2.14	2.14	2.13	2.14	2.13	2.13	2.13
165	2.14	2.14	2.14	2.14	2.13	2.13	2.13	2.13	2.13	2.12	2.13	2.12	2.16	2.15	2.15	2.15	2.15	2.15	2.14
170	2.13	2.13	2.12	2.12	2.12	2.12	2.11	2.11	2.11	2.10	2.11	2.10	2.14	2.14	2.13	2.13	2.13	2.13	2.13
175	2.07	2.07	2.07	2.07	2.06	2.06	2.05	2.05	2.05	2.04	2.05	2.04	2.08	2.08	2.07	2.07	2.07	2.07	2.07
180	2.06	2.05	2.04	2.04	2.04	2.04	2.03	2.03	2.03	2.03	2.04	2.03	2.06	2.05	2.04	2.04	2.04	2.04	2.03

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:0.1240A P:27.00W PF:0.9580 Lamp Flux:2552.67x1 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	1345	1345	1345	1345	1345														
5	1014	1047	1039	1068	1053														
10	522	547	541	562	550														
15	289	300	298	308	302														
20	181	187	186	192	190														
25	116	119	119	123	122														
30	70.7	73.0	71.2	73.8	73.4														
35	22.9	24.8	24.0	25.5	25.2														
40	6.85	6.99	7.03	6.90	6.85														
45	3.82	3.93	3.90	3.91	3.72														
50	2.51	2.57	2.56	2.56	2.47														
55	2.07	2.09	2.08	2.09	2.05														
60	1.96	1.96	1.95	1.98	1.99														
65	1.50	1.51	1.49	1.52	1.51														
70	1.09	1.09	1.09	1.10	1.08														
75	0.89	0.89	0.88	0.88	0.87														
80	0.69	0.70	0.69	0.70	0.69														
85	0.58	0.58	0.58	0.58	0.58														
90	0.60	0.59	0.59	0.59	0.59														
95	0.60	0.60	0.60	0.60	0.60														
100	0.62	0.62	0.61	0.61	0.61														
105	0.64	0.64	0.64	0.64	0.63														
110	0.68	0.67	0.68	0.67	0.67														
115	0.74	0.73	0.74	0.73	0.73														
120	0.83	0.82	0.83	0.82	0.82														
125	0.98	0.97	0.97	0.96	0.97														
130	1.19	1.18	1.18	1.18	1.18														
135	1.46	1.45	1.45	1.44	1.44														
140	1.70	1.69	1.69	1.68	1.68														
145	1.88	1.87	1.87	1.86	1.87														
150	2.01	2.00	2.00	2.00	2.00														
155	2.09	2.08	2.08	2.08	2.08														
160	2.13	2.12	2.12	2.12	2.12														
165	2.14	2.14	2.14	2.14	2.14														
170	2.13	2.13	2.13	2.13	2.13														
175	2.07	2.07	2.07	2.07	2.07														
180	2.03	2.03	2.03	2.04	2.03														

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: