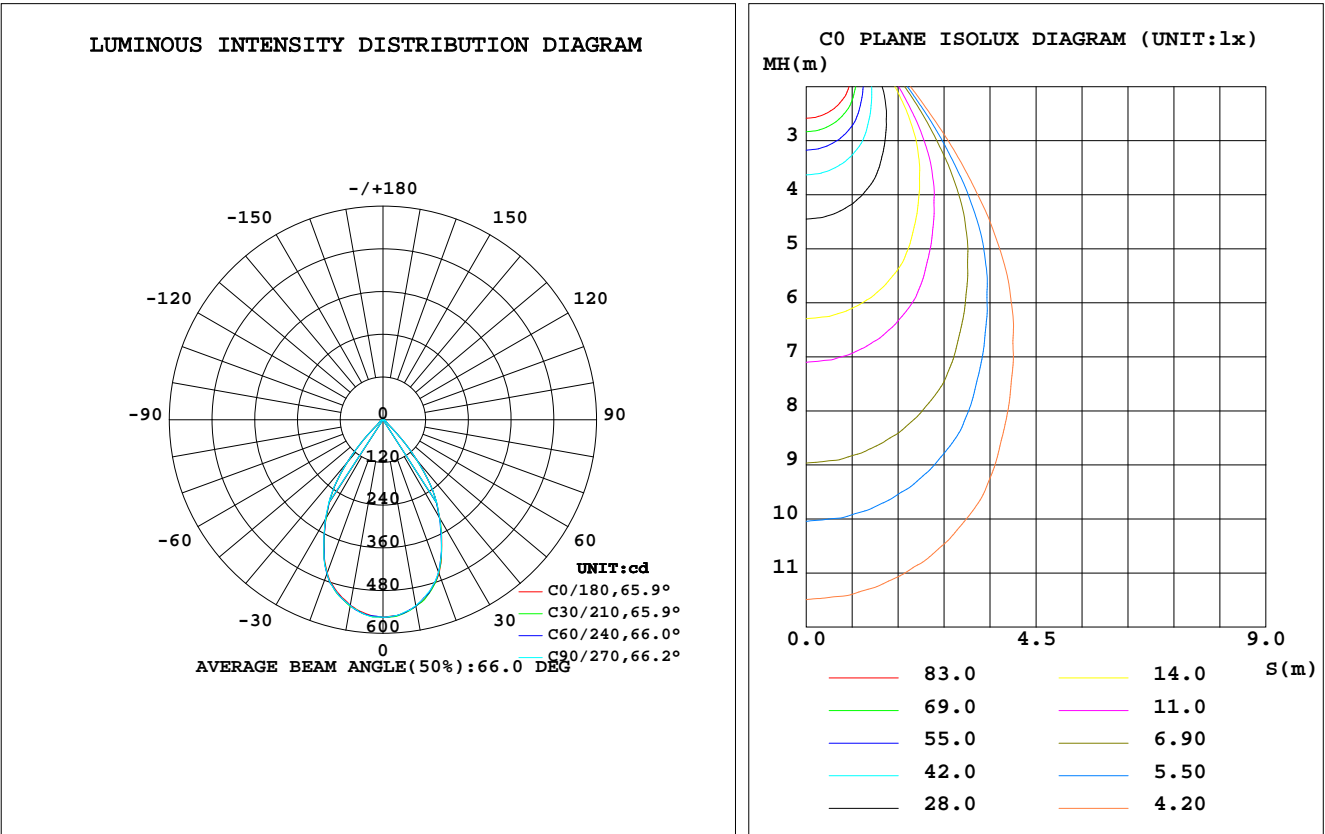


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 72.31 lm/W
MODEL	M021-9W-927-S-60	Imax(cd)	556.7	S/MH(C0/180)	0.97	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.96	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	618.26	η UP,DN(C0-180)	1.1,48.6	
NOMINAL FLUX(lm)	618.253	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.0	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	1.05	



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	531.9	532.2	530.4	528.9	529.5	530.2	530.5	533.0	0- 10	51.83	51.83	8.38,8.38
20	460.6	458.6	456.1	458.2	458.2	457.6	459.1	461.2	10- 20	140.6	192.4	31.1,31.1
30	319.3	320.5	318.3	321.6	320.6	320.9	322.8	320.8	20- 30	179.2	371.6	60.1,60.1
40	149.9	152.7	148.5	157.8	156.5	154.0	156.5	154.3	30- 40	150.8	522.4	84.5,84.5
50	17.64	17.96	17.73	17.95	18.56	18.83	17.63	17.45	40- 50	51.75	574.1	92.9,92.9
60	10.32	10.52	10.61	10.99	11.23	11.02	10.48	10.28	50- 60	11.95	586.1	94.8,94.8
70	6.625	6.824	7.022	7.385	7.588	7.375	7.049	6.753	60- 70	8.656	594.7	96.2,96.2
80	3.692	3.784	3.992	4.342	4.371	4.460	4.232	3.935	70- 80	5.873	600.6	97.1,97.1
90	0.9305	0.9273	0.9443	0.9518	1.070	1.078	1.088	1.112	80- 90	3.065	603.7	97.6,97.6
100	1.103	1.117	1.108	1.137	1.292	1.277	1.310	1.298	90-100	1.210	604.9	97.8,97.8
110	1.437	1.455	1.444	1.474	1.653	1.637	1.660	1.671	100-110	1.449	606.3	98.1,98.1
120	1.927	1.948	1.941	1.967	2.141	2.139	2.150	2.151	110-120	1.773	608.1	98.4,98.4
130	2.549	2.572	2.571	2.592	2.730	2.722	2.734	2.745	120-130	2.095	610.2	98.7,98.7
140	3.238	3.261	3.258	3.284	3.354	3.346	3.364	3.364	130-140	2.303	612.5	99.1,99.1
150	3.755	3.770	3.760	3.793	3.826	3.825	3.840	3.839	140-150	2.240	614.8	99.4,99.4
160	4.133	4.157	4.150	4.170	4.195	4.192	4.211	4.209	150-160	1.844	616.6	99.7,99.7
170	4.474	4.501	4.486	4.511	4.513	4.505	4.524	4.522	160-170	1.227	617.8	99.9,99.9
180	4.697	4.701	4.701	4.719	4.694	4.699	4.703	4.714	170-180	0.4382	618.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

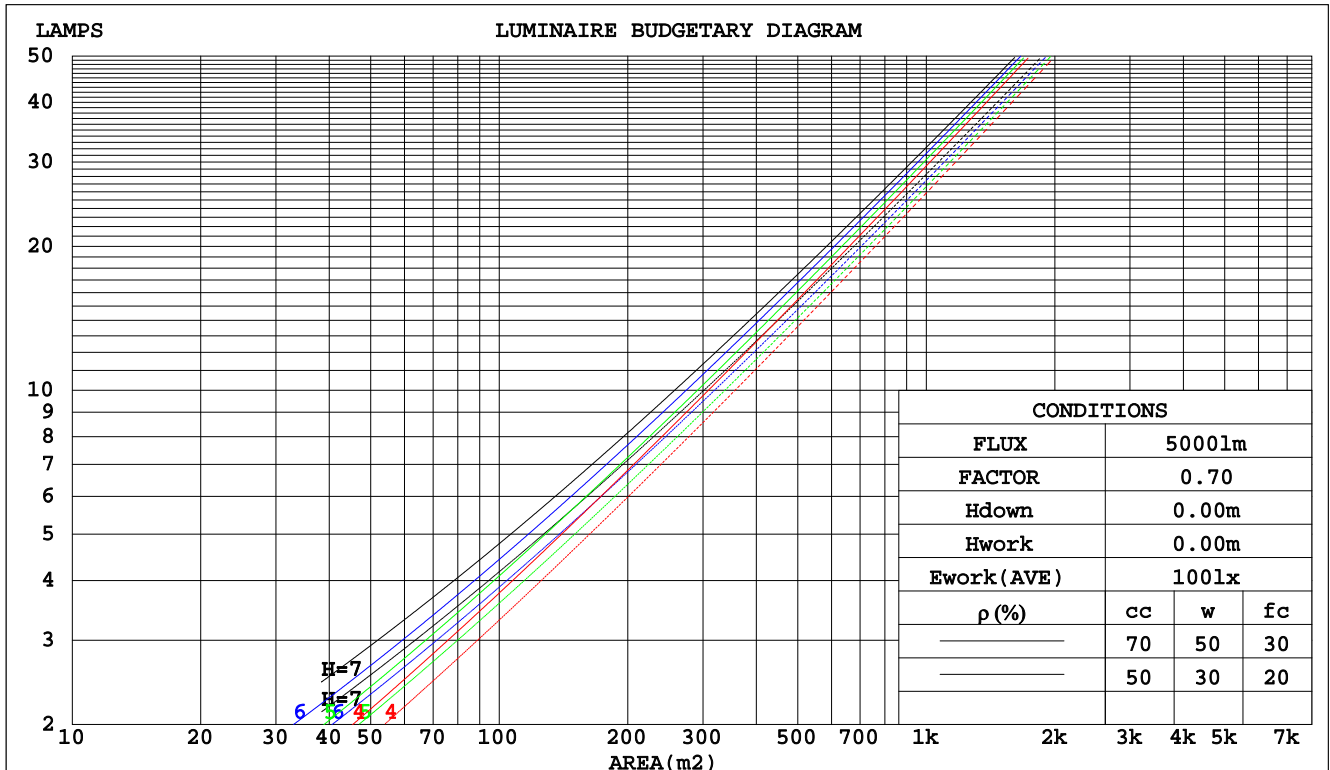
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 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	1.06	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.00	.96	.92	.98	.94	.91	.95	.91	.89	.91	.89	.86	.88	.86	.84	.82
3.0	.93	.87	.83	.91	.86	.82	.88	.84	.80	.85	.82	.79	.83	.80	.77	.76
4.0	.86	.80	.75	.85	.79	.75	.82	.77	.74	.80	.76	.72	.78	.74	.71	.70
5.0	.80	.73	.69	.79	.73	.68	.77	.71	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.64	.60	.57	.55
8.0	.65	.59	.54	.64	.58	.54	.63	.57	.54	.62	.57	.53	.61	.56	.53	.51
9.0	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.47	.55	.50	.46	.54	.49	.46	.45



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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm					
NAME:		TYPE:		WEIGHT:	
DIM.:		SPEC.:		SERIAL No.:	
MFR.: Rayconn		SUR.:		PROTECTION ANGLE:	

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.200	.114	.036	.193	.110	.035	.179	.102	.033	.166	.096	.031	.154	.089	.029	
2.0	.190	.104	.032	.184	.101	.031	.172	.096	.030	.161	.090	.028	.150	.085	.027	
3.0	.180	.096	.029	.175	.094	.028	.164	.089	.027	.155	.085	.026	.146	.081	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.148	.080	.024	.141	.076	.023	
5.0	.162	.083	.024	.158	.081	.024	.150	.078	.023	.142	.075	.022	.135	.072	.022	
6.0	.154	.077	.022	.150	.076	.022	.143	.073	.021	.136	.071	.021	.130	.069	.020	
7.0	.147	.073	.021	.143	.071	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019	
8.0	.140	.068	.019	.137	.067	.019	.131	.066	.019	.126	.064	.018	.121	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.061	.017	.116	.059	.017	
10.0	.128	.061	.017	.125	.061	.017	.121	.059	.017	.116	.058	.016	.112	.056	.016	

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	.191	.175	.161	.163	.150	.139	.112	.103	.096	.064	.060	.056	.021	.019	.018	
2.0	.177	.151	.129	.152	.130	.111	.104	.090	.077	.060	.052	.045	.019	.017	.015	
3.0	.166	.132	.105	.142	.114	.091	.097	.079	.064	.056	.046	.038	.018	.015	.012	
4.0	.156	.118	.088	.134	.102	.077	.092	.071	.054	.053	.041	.032	.017	.014	.011	
5.0	.148	.106	.076	.127	.092	.066	.087	.064	.047	.051	.038	.028	.016	.012	.009	
6.0	.141	.097	.066	.121	.084	.058	.083	.059	.041	.048	.035	.024	.016	.011	.008	
7.0	.134	.090	.059	.116	.078	.051	.080	.055	.036	.046	.032	.022	.015	.011	.007	
8.0	.129	.084	.053	.111	.073	.046	.077	.051	.033	.045	.030	.020	.014	.010	.006	
9.0	.124	.079	.049	.107	.068	.042	.074	.048	.030	.043	.028	.018	.014	.009	.006	
10.0	.119	.075	.045	.103	.065	.039	.071	.046	.028	.042	.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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 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	22.9	23.9	23.2	24.1	24.4	22.9	23.9	23.1	24.1	24.3
	3H	22.9	23.9	23.2	24.1	24.3	22.9	23.8	23.2	24.1	24.3
	4H	22.9	23.8	23.3	24.1	24.4	23.0	23.8	23.3	24.1	24.4
	6H	23.0	23.8	23.3	24.1	24.4	23.0	23.9	23.4	24.1	24.4
	8H	23.0	23.8	23.4	24.1	24.4	23.1	23.9	23.4	24.2	24.5
	12H	23.1	23.8	23.4	24.1	24.5	23.1	23.9	23.5	24.2	24.5
4H	2H	22.7	23.6	23.0	23.9	24.1	22.7	23.6	23.0	23.8	24.1
	3H	22.8	23.6	23.2	23.9	24.2	22.8	23.6	23.2	23.9	24.2
	4H	22.9	23.6	23.3	23.9	24.3	22.9	23.6	23.3	24.0	24.3
	6H	23.0	23.6	23.5	24.0	24.4	23.1	23.7	23.5	24.1	24.5
	8H	23.1	23.7	23.6	24.1	24.5	23.2	23.8	23.6	24.1	24.6
	12H	23.2	23.7	23.7	24.2	24.6	23.3	23.8	23.8	24.2	24.7
8H	4H	22.9	23.4	23.3	23.8	24.3	22.9	23.5	23.3	23.9	24.3
	6H	23.1	23.6	23.6	24.0	24.5	23.2	23.6	23.6	24.1	24.5
	8H	23.2	23.7	23.7	24.1	24.6	23.3	23.7	23.8	24.2	24.7
	12H	23.4	23.8	24.0	24.3	24.8	23.6	23.9	24.1	24.4	24.9
12H	4H	22.8	23.4	23.3	23.8	24.2	22.9	23.4	23.3	23.8	24.2
	6H	23.1	23.5	23.6	24.0	24.5	23.2	23.6	23.6	24.0	24.5
	8H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.9	24.2	24.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 3.9					+ 2.2 / - 3.6					
1.5H	+ 4.4 / - 3.9					+ 4.3 / - 3.7					
2.0H	+ 3.5 / - 0.8					+ 3.2 / - 0.8					

CIE Pub.117 Corrected 618.3 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:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

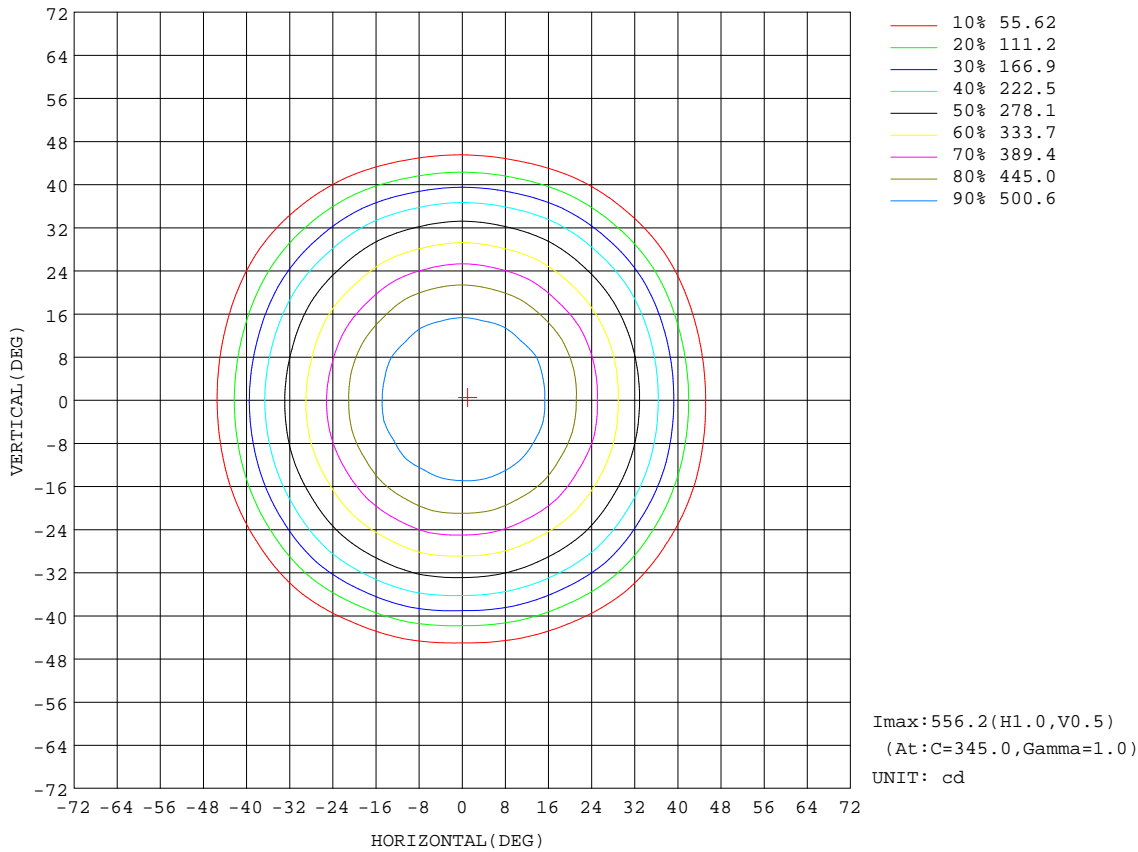
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	70	80	74	70	66
0.80	90	83	79	89	83	79	88	82	78	74
1.00	95	89	84	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	99	94	91	86
2.00	106	101	97	104	100	96	101	98	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	101	104	101	99	91
4.00	112	109	106	110	107	105	106	103	101	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

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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

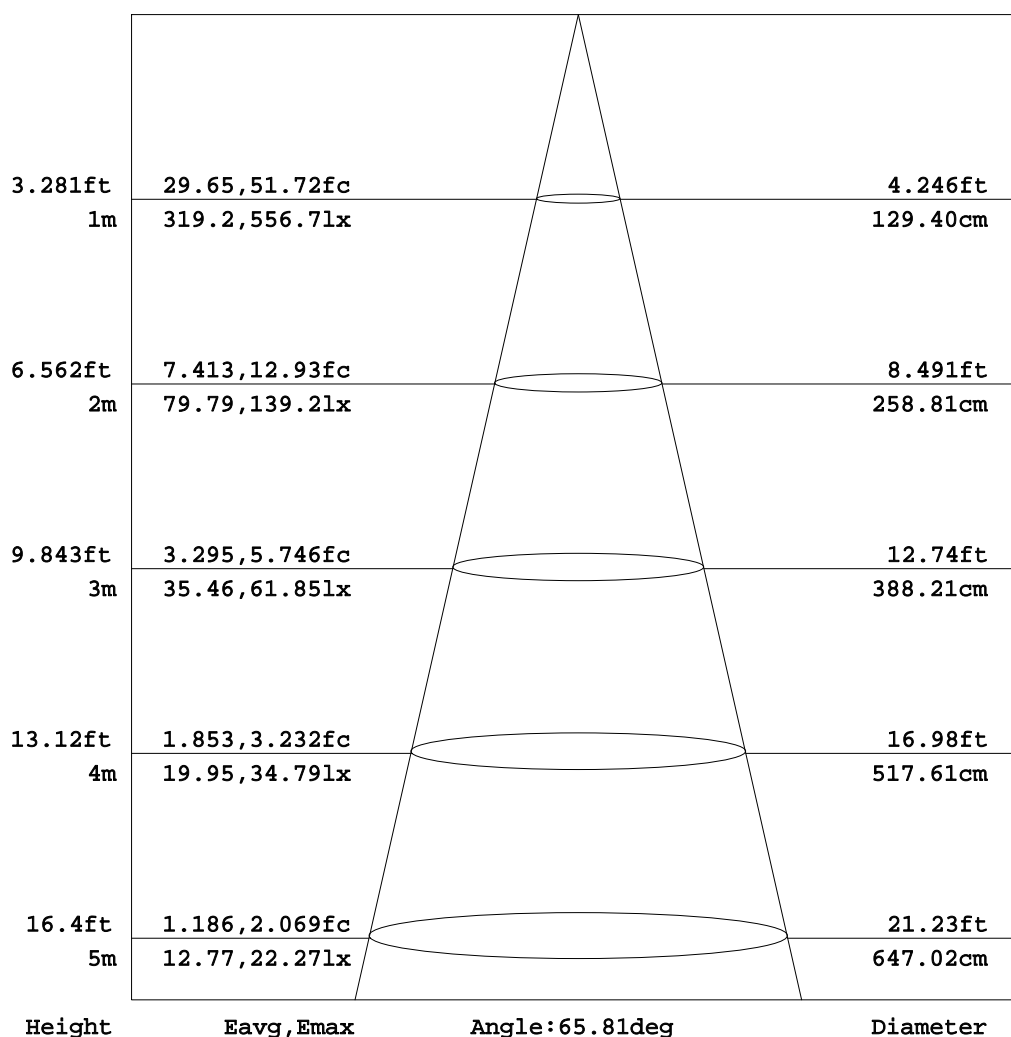


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 15.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Temperature:25.3DEG	Humidity:65.0%
Operators:ZhangXiao	Test Distance:6.590m [K=1.0000]
Test Date:2015-12-07	Remarks:

AAI Figure

Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:422.9 lm



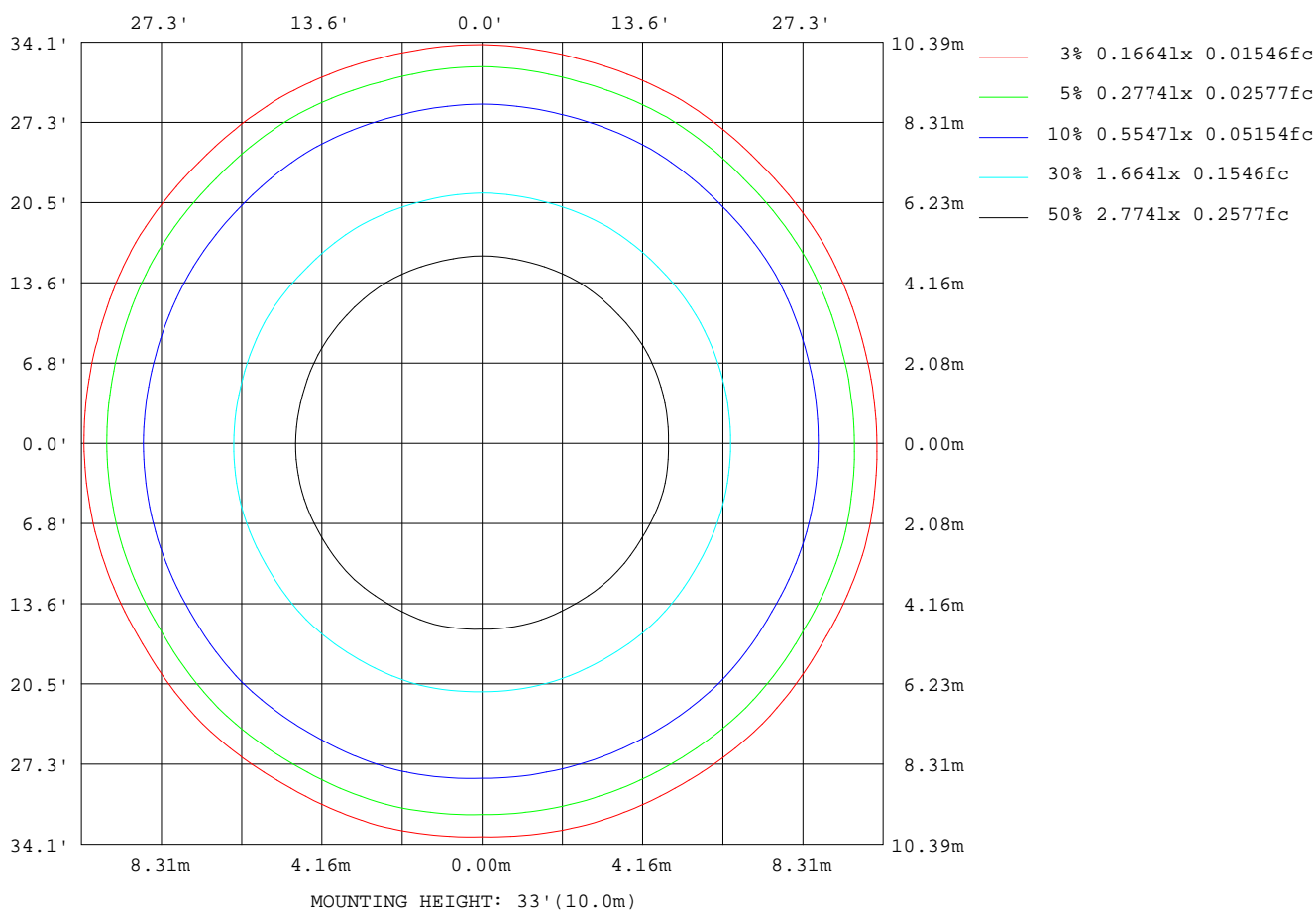
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

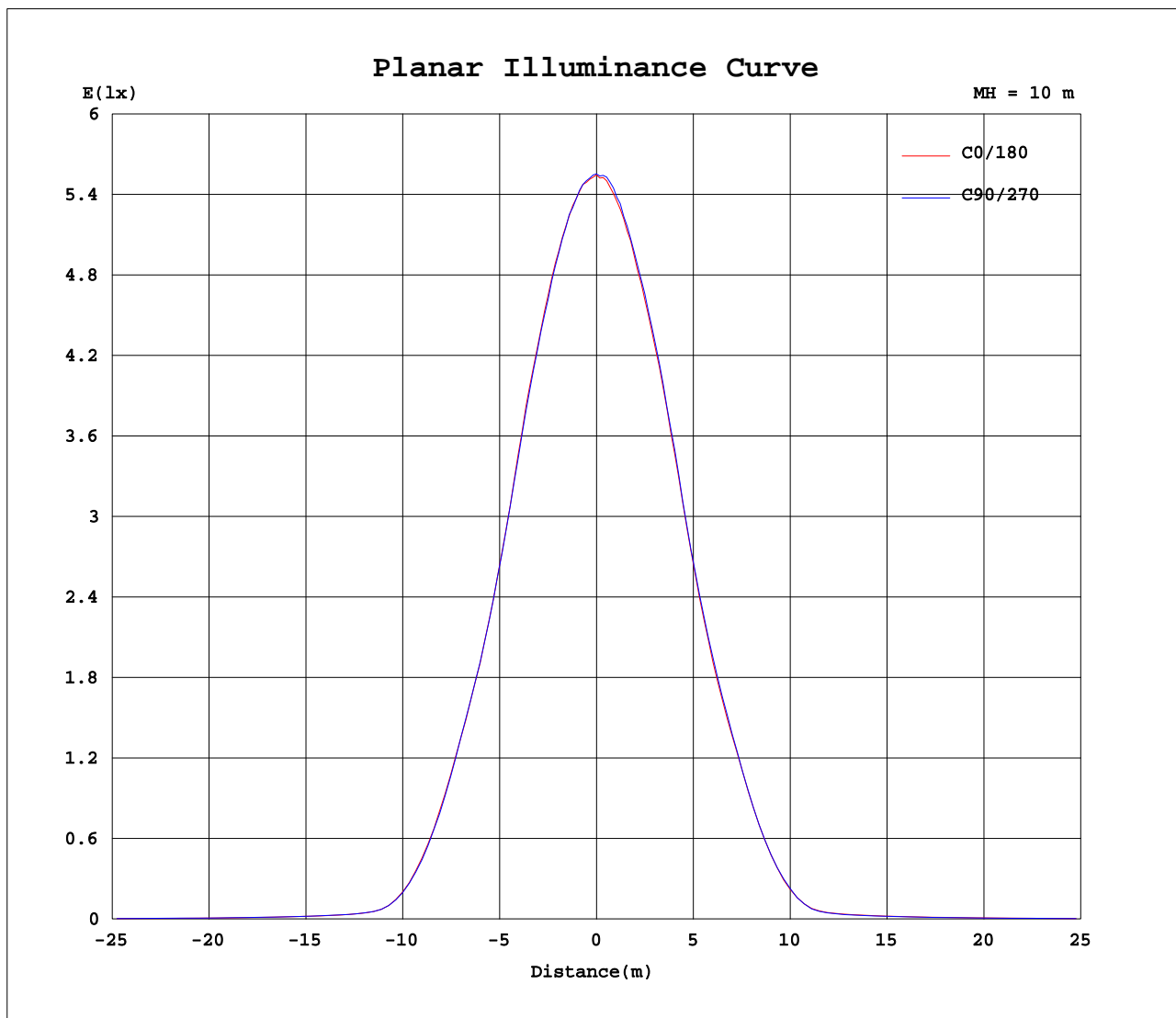
Test:U:226.5V I:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 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	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555
5	549	552	551	550	549	550	549	549	547	548	545	550	547	548	550	549	549	551	551
10	532	532	532	532	531	532	530	530	528	529	525	528	530	529	533	530	529	532	530
15	503	505	504	504	502	502	500	500	498	502	497	501	500	501	504	501	503	502	502
20	461	460	458	459	456	458	456	458	455	458	453	458	458	459	460	458	461	461	459
25	391	394	389	391	388	391	389	393	390	392	388	392	392	390	393	390	393	392	394
30	319	322	318	321	317	320	318	323	319	322	316	321	321	318	320	321	325	320	323
35	246	247	246	249	245	247	246	251	248	251	246	250	248	246	247	246	249	249	251
40	150	151	148	153	148	149	148	155	153	158	154	156	157	154	156	154	157	156	156
45	57.6	60.1	57.0	59.8	57.1	58.3	55.9	59.8	57.2	60.1	56.5	60.8	62.6	63.4	65.0	63.4	65.7	63.0	64.2
50	17.6	18.1	17.8	18.0	18.0	18.1	17.7	17.7	17.5	18.0	18.2	18.7	18.6	18.7	19.0	18.8	18.9	18.0	17.6
55	12.7	12.9	12.9	12.9	12.9	13.1	13.0	13.0	13.0	13.3	13.4	13.7	13.7	13.6	13.7	13.5	13.3	12.9	12.7
60	10.3	10.5	10.5	10.5	10.5	10.6	10.6	10.8	10.8	11.0	11.0	11.2	11.2	11.2	11.2	11.0	10.9	10.6	10.5
65	8.35	8.46	8.44	8.56	8.53	8.75	8.72	8.86	8.91	9.09	9.09	9.30	9.29	9.20	9.23	9.04	8.91	8.67	8.59
70	6.63	6.73	6.73	6.82	6.81	6.96	7.02	7.22	7.26	7.38	7.41	7.55	7.59	7.55	7.56	7.37	7.26	7.13	7.05
75	5.09	5.16	5.15	5.22	5.28	5.40	5.48	5.63	5.70	5.87	5.84	5.93	5.97	5.96	6.01	5.89	5.84	5.68	5.59
80	3.69	3.73	3.73	3.78	4.15	3.92	3.99	4.17	4.22	4.34	4.50	4.33	4.37	4.38	4.47	4.46	4.65	4.33	4.23
85	2.61	2.64	2.63	2.63	2.78	2.75	2.82	2.98	3.04	3.12	3.22	3.05	3.14	3.17	3.29	3.32	3.47	3.28	3.16
90	0.93	0.93	1.18	0.93	1.04	0.94	0.94	0.94	0.95	0.95	1.35	0.93	1.07	1.08	1.07	1.08	1.18	1.10	1.09
95	0.99	1.00	0.99	1.00	1.03	1.01	0.99	1.01	0.99	1.03	1.17	1.00	1.16	1.15	1.17	1.15	1.22	1.18	1.18
100	1.10	1.11	1.11	1.12	1.13	1.13	1.11	1.13	1.11	1.14	1.15	1.12	1.29	1.28	1.29	1.28	1.33	1.31	1.31
105	1.25	1.27	1.25	1.27	1.27	1.28	1.26	1.28	1.26	1.29	1.28	1.27	1.45	1.44	1.46	1.44	1.48	1.47	1.47
110	1.44	1.45	1.44	1.46	1.45	1.46	1.44	1.46	1.45	1.47	1.45	1.45	1.65	1.64	1.65	1.64	1.67	1.67	1.66
115	1.67	1.68	1.67	1.68	1.68	1.69	1.68	1.69	1.67	1.70	1.68	1.68	1.88	1.87	1.89	1.87	1.89	1.89	1.89
120	1.93	1.94	1.94	1.95	1.94	1.95	1.94	1.95	1.95	1.97	1.94	1.94	2.14	2.14	2.14	2.14	2.15	2.16	2.15
125	2.23	2.24	2.24	2.25	2.24	2.25	2.24	2.25	2.24	2.27	2.24	2.24	2.43	2.42	2.43	2.41	2.43	2.45	2.44
130	2.55	2.56	2.56	2.57	2.57	2.58	2.57	2.58	2.57	2.59	2.56	2.57	2.73	2.72	2.74	2.72	2.74	2.76	2.73
135	2.89	2.91	2.91	2.91	2.92	2.93	2.92	2.93	2.92	2.94	2.91	2.92	3.05	3.05	3.06	3.04	3.06	3.06	3.05
140	3.24	3.25	3.25	3.26	3.25	3.26	3.26	3.27	3.25	3.28	3.26	3.26	3.35	3.35	3.36	3.35	3.36	3.36	3.36
145	3.52	3.55	3.55	3.55	3.54	3.56	3.55	3.56	3.55	3.57	3.54	3.55	3.62	3.61	3.62	3.61	3.62	3.63	3.63
150	3.75	3.77	3.76	3.77	3.76	3.78	3.76	3.78	3.77	3.79	3.76	3.79	3.83	3.82	3.84	3.83	3.84	3.84	3.84
155	3.95	3.97	3.96	3.97	3.95	3.98	3.96	3.98	3.96	3.98	3.96	3.98	4.01	4.01	4.03	4.01	4.03	4.02	4.03
160	4.13	4.16	4.15	4.16	4.14	4.16	4.15	4.15	4.15	4.17	4.13	4.16	4.19	4.19	4.20	4.19	4.20	4.20	4.21
165	4.32	4.34	4.33	4.34	4.32	4.34	4.32	4.34	4.32	4.35	4.31	4.34	4.36	4.36	4.38	4.36	4.36	4.36	4.38
170	4.47	4.50	4.49	4.50	4.49	4.51	4.49	4.50	4.48	4.51	4.48	4.51	4.51	4.51	4.52	4.50	4.51	4.51	4.52
175	4.62	4.63	4.63	4.64	4.62	4.64	4.62	4.63	4.62	4.65	4.61	4.64	4.63	4.62	4.64	4.62	4.63	4.63	4.65
180	4.70	4.70	4.71	4.70	4.69	4.71	4.70	4.71	4.70	4.72	4.70	4.72	4.69	4.70	4.70	4.70	4.70	4.71	4.70

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:0.0440A P:8.550W PF:0.8410 Lamp Flux:618.253x1 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	555	555	555	555	555													
5	549	549	550	548	550													
10	531	534	533	532	535													
15	502	505	505	505	505													
20	460	461	461	461	461													
25	392	395	393	395	394													
30	321	324	321	322	321													
35	250	251	248	250	247													
40	155	158	154	156	153													
45	60.8	61.2	57.1	57.9	56.9													
50	17.3	17.6	17.5	17.6	17.4													
55	12.6	12.7	12.5	12.5	12.5													
60	10.3	10.4	10.3	10.3	10.3													
65	8.46	8.49	8.36	8.36	8.30													
70	6.92	6.85	6.75	6.71	6.66													
75	5.47	5.39	5.26	5.23	5.16													
80	4.12	4.05	3.93	4.02	3.81													
85	3.02	2.93	2.85	2.94	2.76													
90	1.09	1.09	1.11	1.19	1.10													
95	1.16	1.18	1.18	1.24	1.16													
100	1.29	1.31	1.30	1.33	1.29													
105	1.46	1.47	1.47	1.47	1.46													
110	1.67	1.67	1.67	1.67	1.67													
115	1.89	1.90	1.89	1.90	1.89													
120	2.15	2.15	2.15	2.15	2.15													
125	2.42	2.44	2.45	2.44	2.45													
130	2.73	2.74	2.74	2.74	2.74													
135	3.05	3.06	3.06	3.06	3.06													
140	3.35	3.37	3.36	3.36	3.36													
145	3.62	3.63	3.62	3.62	3.63													
150	3.83	3.84	3.84	3.84	3.84													
155	4.02	4.02	4.03	4.03	4.03													
160	4.20	4.21	4.21	4.21	4.21													
165	4.37	4.38	4.38	4.37	4.38													
170	4.51	4.52	4.52	4.53	4.53													
175	4.63	4.65	4.64	4.64	4.64													
180	4.71	4.71	4.71	4.70	4.72													

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: