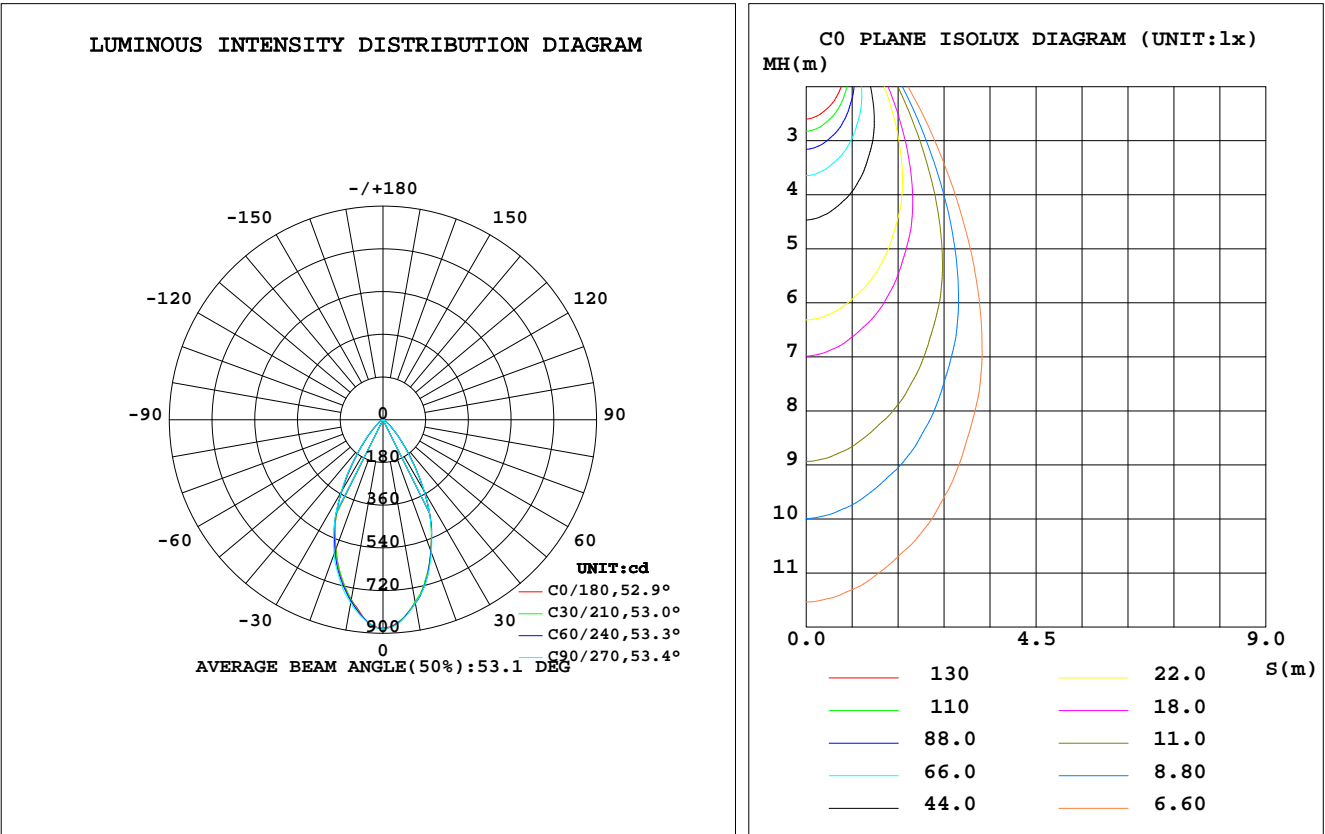


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 87.63 lm/W			
MODEL	M022-9W-930-S-60	Imax(cd)	881.0	S/MH(C0/180)	0.80
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	745.69	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	745.689	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	η down(%)	97.5	CIBSE SHR MAX	0.85



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	781.0	785.9	784.4	774.6	769.2	771.8	784.1	781.9	0- 10	78.69	78.69	10.6,10.6
20	587.8	594.5	595.3	589.1	579.8	581.4	602.8	598.8	10- 20	193.2	271.9	36.5,36.5
30	347.3	352.8	347.2	355.1	348.2	345.5	353.9	348.1	20- 30	216.8	488.7	65.5,65.5
40	132.1	134.4	127.7	128.3	127.0	129.0	134.8	128.4	30- 40	141.1	629.7	84.5,84.5
50	38.74	37.78	37.15	36.00	37.16	37.20	38.51	37.40	40- 50	58.08	687.8	92.2,92.2
60	14.75	15.48	14.73	14.58	14.24	14.66	14.96	15.18	50- 60	21.09	708.9	95.1,95.1
70	7.168	7.604	7.131	7.260	6.802	7.309	7.165	7.451	60- 70	10.39	719.3	96.5,96.5
80	3.817	3.325	4.396	3.253	3.664	3.319	3.929	3.408	70- 80	5.476	724.8	97.2,97.2
90	1.298	1.223	1.502	1.313	1.529	1.432	1.751	1.505	80- 90	2.433	727.2	97.5,97.5
100	1.451	1.343	1.771	1.444	1.756	1.616	1.994	1.677	90-100	1.631	728.8	97.7,97.7
110	1.841	1.696	2.138	1.797	2.215	1.992	2.429	2.041	100-110	1.886	730.7	98,98
120	2.409	2.298	2.779	2.392	2.724	2.577	2.914	2.618	110-120	2.245	733.0	98.3,98.3
130	3.164	3.133	3.302	3.224	3.400	3.358	3.480	3.377	120-130	2.617	735.6	98.6,98.6
140	4.048	4.031	4.166	4.107	4.204	4.172	4.297	4.187	130-140	2.880	738.5	99,99
150	4.798	4.758	4.928	4.812	4.891	4.855	4.978	4.856	140-150	2.831	741.3	99.4,99.4
160	5.182	5.193	5.190	5.200	5.260	5.265	5.267	5.260	150-160	2.341	743.6	99.7,99.7
170	5.456	5.471	5.456	5.484	5.508	5.515	5.512	5.507	160-170	1.516	745.2	99.9,99.9
180	5.676	5.684	5.687	5.699	5.669	5.686	5.685	5.694	170-180	0.5310	745.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

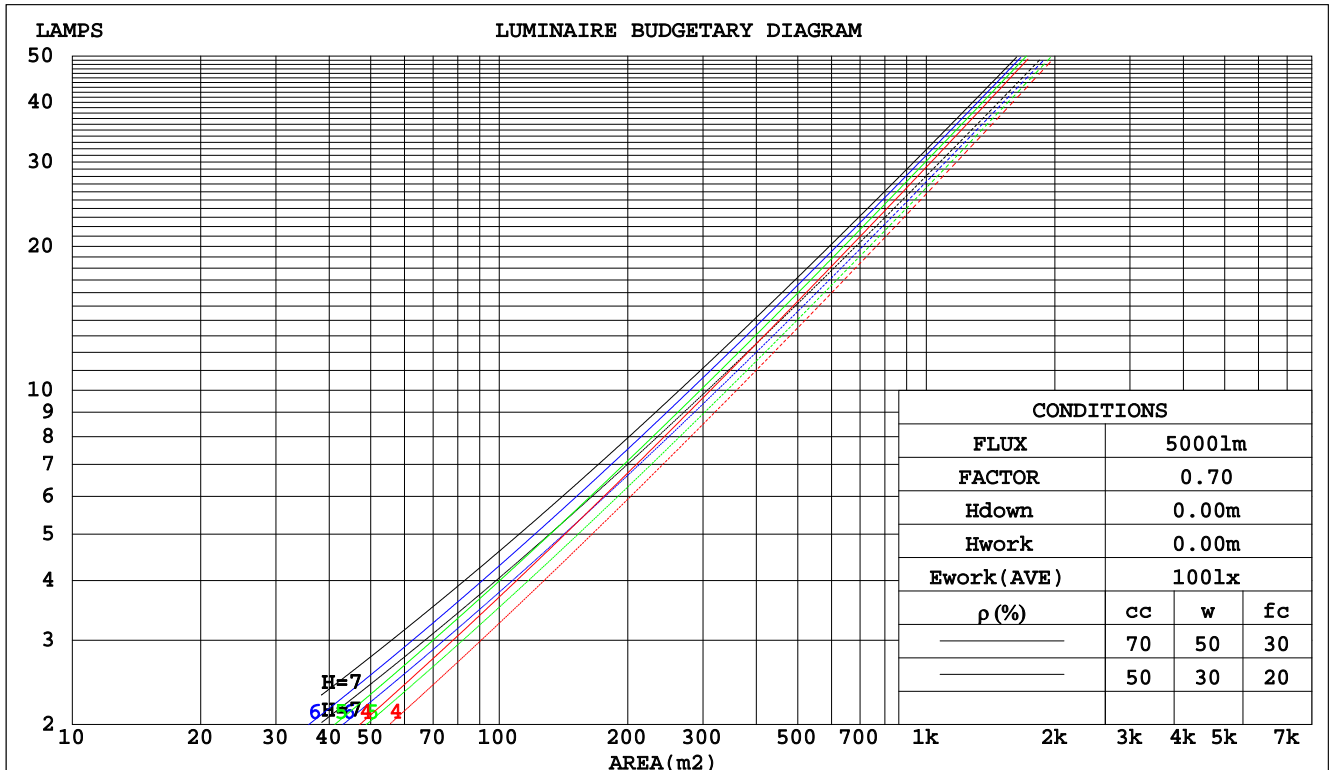
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:8.510W PF:0.8400 Lamp Flux:745.689x1 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	.94	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.95	.92	.89	.92	.90	.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	.80	.76	.83	.79	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.75	.71	.80	.74	.70	.78	.73	.69	.76	.72	.68	.74	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
7.0	.71	.65	.61	.71	.65	.60	.69	.64	.60	.68	.63	.59	.66	.62	.59	.57
8.0	.67	.61	.57	.66	.61	.56	.65	.60	.56	.64	.59	.56	.63	.58	.55	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.53	.60	.56	.52	.59	.55	.52	.51
10.0	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.53	.49	.56	.52	.49	.48



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:8.510W PF:0.8400 Lamp Flux:745.689x1 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	.185	.106	.034	.171	.098	.031	.158	.091	.029	.146	.085	.027	
2.0	.184	.101	.031	.177	.098	.030	.165	.092	.029	.154	.086	.027	.144	.081	.026	
3.0	.174	.093	.028	.169	.090	.027	.158	.086	.026	.148	.081	.025	.140	.077	.024	
4.0	.165	.086	.025	.160	.084	.025	.151	.080	.024	.143	.077	.023	.135	.073	.022	
5.0	.156	.080	.023	.152	.078	.023	.144	.075	.022	.137	.072	.021	.130	.069	.021	
6.0	.149	.074	.021	.145	.073	.021	.138	.071	.021	.131	.068	.020	.125	.066	.020	
7.0	.141	.070	.020	.138	.069	.020	.132	.067	.019	.126	.064	.019	.120	.062	.018	
8.0	.135	.066	.019	.132	.065	.018	.126	.063	.018	.121	.061	.018	.116	.059	.017	
9.0	.129	.062	.017	.126	.061	.017	.121	.060	.017	.116	.058	.017	.111	.057	.016	
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.111	.055	.016	.107	.054	.015	

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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.163	.164	.151	.140	.112	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.177	.152	.130	.152	.130	.113	.104	.090	.079	.060	.053	.046	.019	.017	.015	
3.0	.165	.133	.107	.142	.115	.093	.097	.080	.065	.056	.047	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.092	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.147	.107	.078	.126	.093	.067	.087	.065	.048	.050	.038	.028	.016	.012	.009	
6.0	.140	.098	.068	.120	.085	.059	.083	.059	.042	.048	.035	.025	.016	.011	.008	
7.0	.133	.091	.061	.115	.078	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.128	.084	.055	.110	.073	.048	.076	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.122	.079	.050	.105	.069	.044	.073	.048	.031	.043	.029	.019	.014	.009	.006	
10.0	.118	.075	.046	.101	.065	.041	.070	.046	.029	.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:0.0440A P:8.510W PF:0.8400 Lamp Flux:745.689x1 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	22.8	23.8	23.1	24.0	24.2	22.7	23.7	23.0	23.9	24.1	
	3H	22.8	23.7	23.1	24.0	24.2	22.8	23.7	23.1	23.9	24.2
	4H	22.8	23.7	23.2	24.0	24.2	22.8	23.7	23.1	23.9	24.2
	6H	22.9	23.7	23.2	24.0	24.3	22.9	23.7	23.3	24.0	24.3
	8H	22.9	23.7	23.3	24.0	24.3	23.0	23.7	23.3	24.0	24.4
	12H	22.9	23.7	23.3	24.0	24.3	23.0	23.8	23.4	24.1	24.4
4H	2H	22.7	23.5	23.0	23.8	24.1	22.6	23.5	22.9	23.7	24.0
	3H	22.8	23.5	23.1	23.8	24.2	22.7	23.5	23.1	23.8	24.1
	4H	22.9	23.5	23.2	23.9	24.2	22.8	23.5	23.2	23.8	24.2
	6H	22.9	23.5	23.4	23.9	24.3	23.1	23.7	23.5	24.0	24.4
	8H	23.0	23.5	23.4	23.9	24.4	23.2	23.8	23.6	24.1	24.6
	12H	23.1	23.6	23.5	24.0	24.4	23.3	23.8	23.8	24.2	24.7
8H	4H	22.8	23.3	23.2	23.7	24.2	22.8	23.3	23.2	23.7	24.1
	6H	22.9	23.4	23.4	23.8	24.3	23.1	23.5	23.5	24.0	24.4
	8H	23.0	23.4	23.5	23.9	24.4	23.3	23.7	23.8	24.1	24.6
	12H	23.1	23.5	23.7	24.0	24.5	23.5	23.8	24.0	24.3	24.8
12H	4H	22.8	23.3	23.2	23.7	24.1	22.7	23.2	23.2	23.6	24.1
	6H	22.9	23.3	23.4	23.8	24.3	23.1	23.5	23.5	23.9	24.4
	8H	23.0	23.4	23.5	23.9	24.4	23.3	23.6	23.8	24.1	24.6
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 3.1					+ 1.7 / - 2.6					
1.5H	+ 3.3 / - 2.8					+ 3.0 / - 2.2					
2.0H	+ 3.4 / - 1.8					+ 3.1 / - 1.3					

CIE Pub.117 Corrected 745.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.0)

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:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

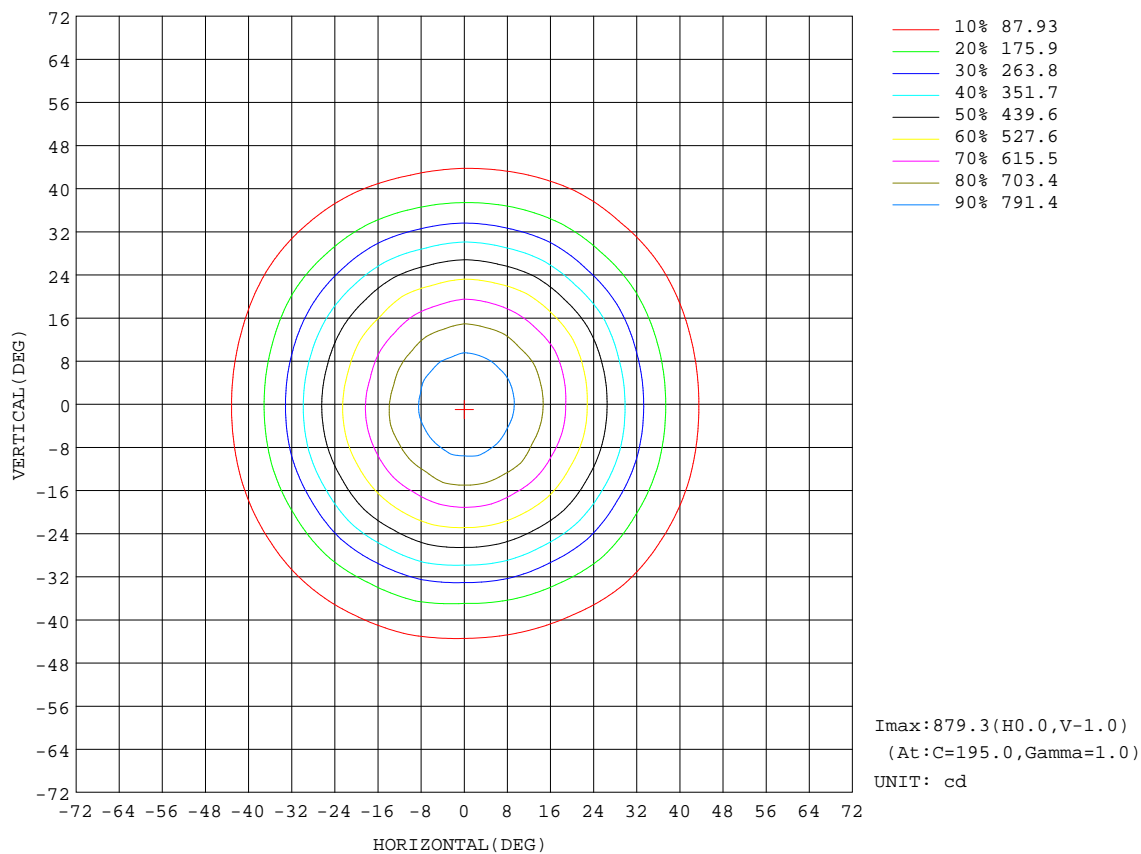
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	88	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	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

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:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



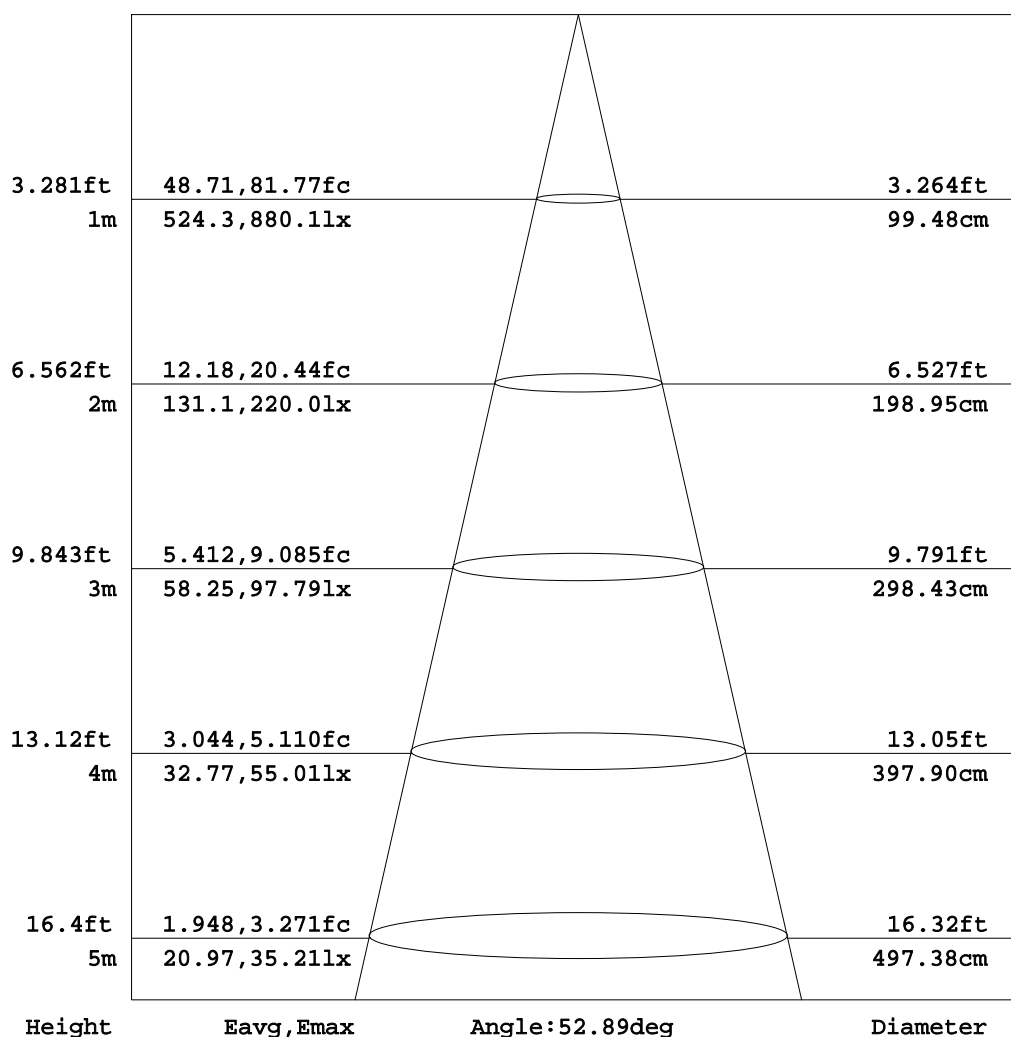
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2015-12-07

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:0.0440A P:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:427.6 lm



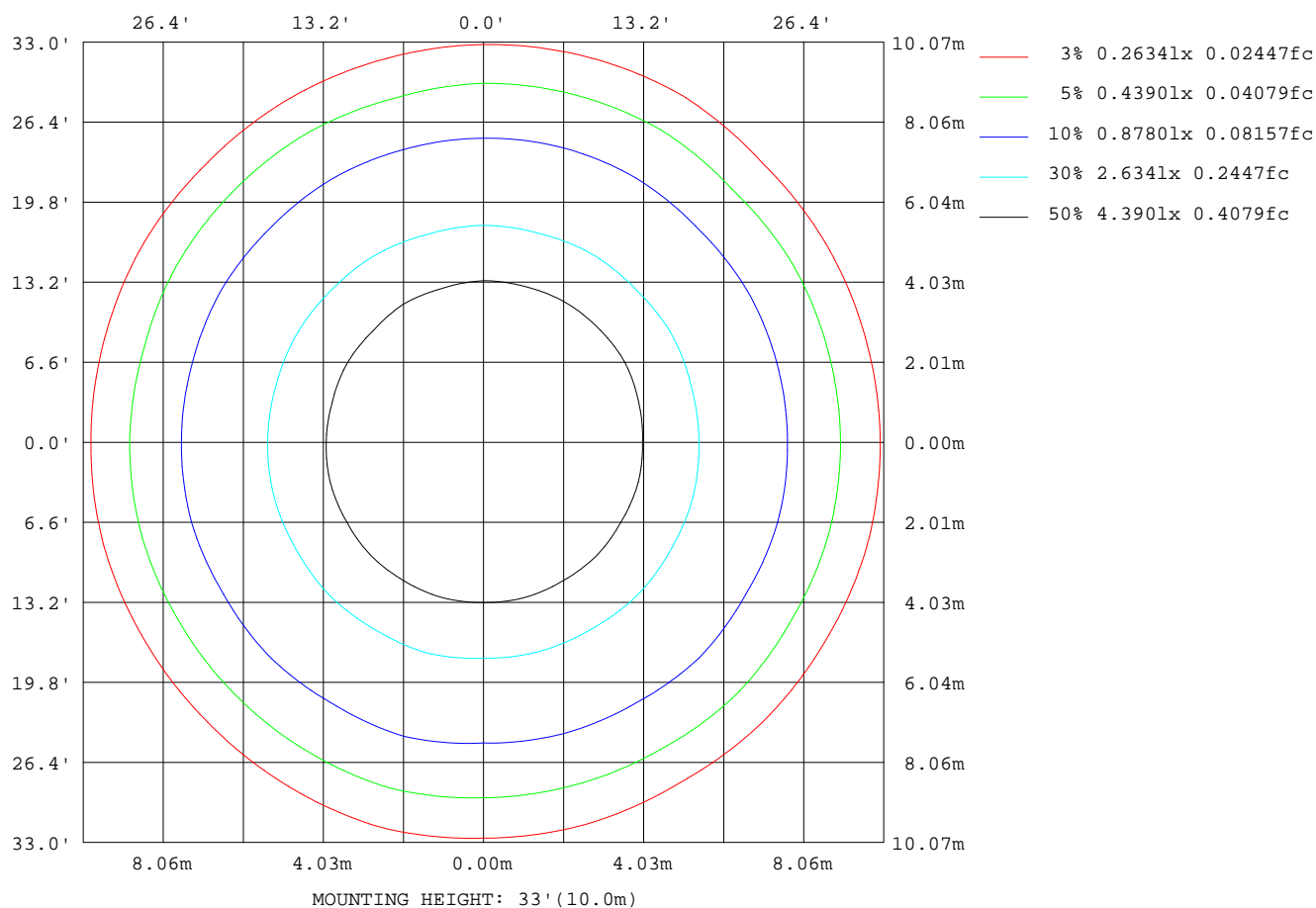
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

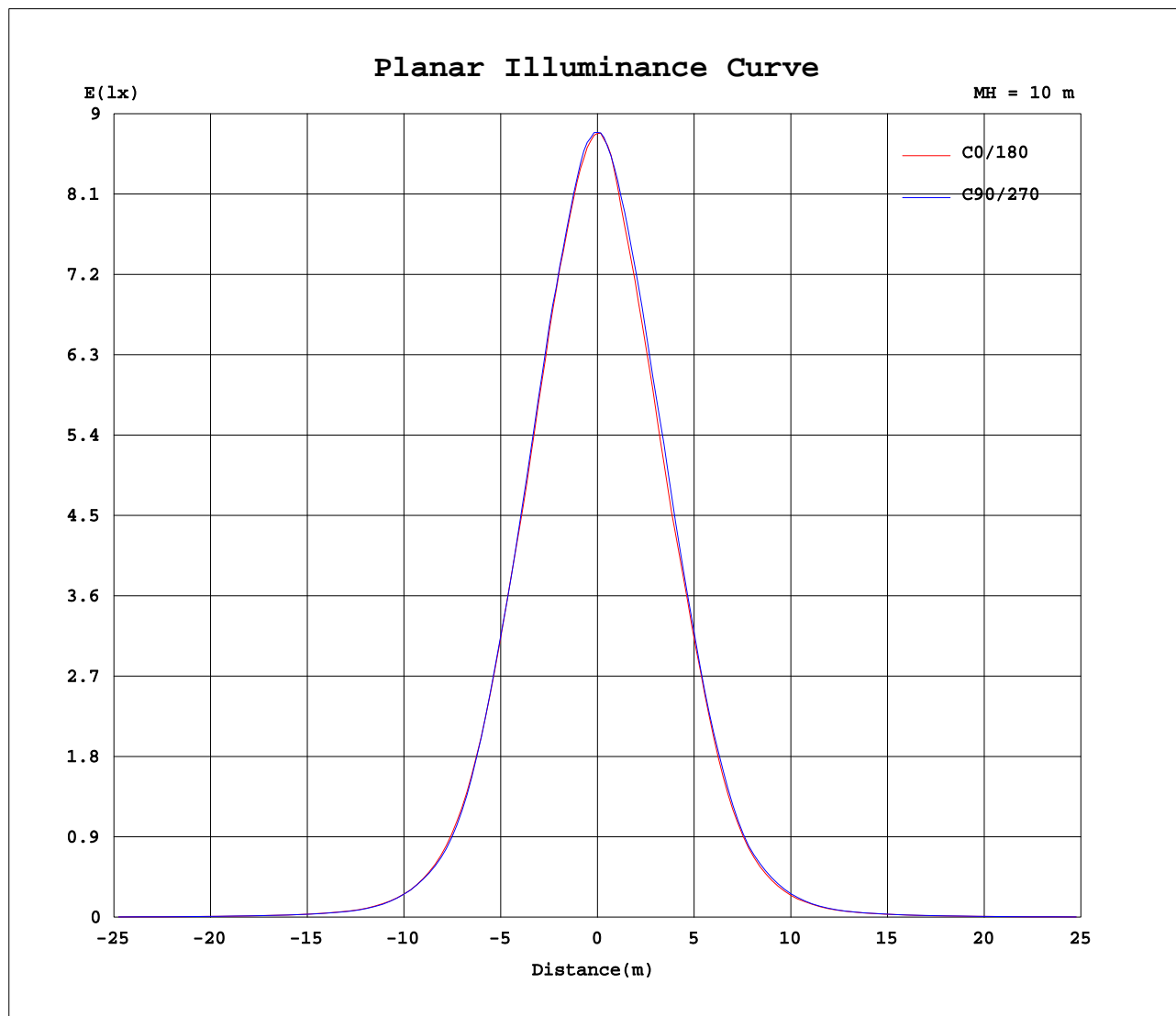
Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:8.510W PF:0.8400 Lamp Flux:745.689x1 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	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879
5	849	851	850	853	852	853	854	850	849	849	848	849	847	847	848	847	846	847	849
10	781	780	778	786	785	788	784	785	775	775	771	771	769	767	771	772	776	777	784
15	696	695	695	706	702	704	704	704	692	691	687	688	685	675	681	684	691	692	701
20	588	592	587	595	590	595	595	596	589	589	583	582	580	575	581	581	590	591	603
25	477	480	476	483	479	477	476	482	478	481	475	476	476	471	475	474	483	476	484
30	347	352	349	353	346	350	347	357	350	355	349	351	348	346	348	346	350	344	354
35	224	227	222	227	219	221	216	225	220	225	218	222	220	220	223	223	228	226	228
40	132	132	130	134	128	128	128	135	129	128	126	128	127	125	128	129	130	129	135
45	73.8	74.0	72.7	72.2	70.2	72.6	73.0	75.4	72.6	69.9	69.9	70.5	69.6	70.3	71.3	70.2	71.6	72.8	74.4
50	38.7	38.6	38.3	37.8	37.0	38.4	37.2	38.7	37.2	36.0	35.5	37.1	37.2	36.3	38.5	37.2	38.3	38.0	38.5
55	23.3	22.9	22.6	22.7	23.6	23.2	22.3	23.1	22.8	22.2	21.1	22.6	22.2	21.4	22.0	22.3	23.7	22.7	22.7
60	14.8	14.8	14.6	15.5	15.4	15.1	14.7	15.1	15.0	14.6	14.1	14.4	14.2	13.9	14.0	14.7	15.0	14.7	15.0
65	10.3	10.3	10.2	10.8	10.5	10.5	10.4	10.3	10.3	10.5	9.96	9.94	9.68	9.51	9.76	10.3	10.2	10.1	10.4
70	7.17	7.28	7.25	7.60	7.28	7.21	7.13	7.17	7.20	7.26	7.06	6.98	6.80	6.75	6.94	7.31	7.18	7.04	7.16
75	4.97	5.00	5.01	5.25	4.97	5.04	5.02	5.00	4.98	4.98	4.91	4.88	4.75	4.67	4.90	5.11	5.05	4.96	5.06
80	3.82	3.18	3.18	3.33	3.16	5.32	4.40	3.29	3.23	3.25	3.18	3.50	3.66	3.08	3.23	3.32	3.31	4.57	3.93
85	2.45	1.84	1.83	1.86	1.80	2.68	2.41	1.94	1.90	1.89	1.87	1.99	2.17	1.91	1.96	1.97	1.98	2.70	2.56
90	1.30	1.21	1.28	1.22	1.23	1.46	1.50	1.33	1.34	1.31	1.34	1.50	1.53	1.44	1.43	1.43	1.42	1.67	1.75
95	1.31	1.25	1.25	1.26	1.26	1.51	1.54	1.36	1.35	1.35	1.36	1.60	1.60	1.49	1.51	1.49	1.51	1.75	1.81
100	1.45	1.33	1.33	1.34	1.33	1.65	1.77	1.45	1.44	1.44	1.46	1.75	1.76	1.61	1.62	1.62	1.63	1.97	1.99
105	1.59	1.49	1.48	1.49	1.48	1.79	2.01	1.60	1.58	1.59	1.61	1.94	1.93	1.78	1.79	1.78	1.79	2.21	2.24
110	1.84	1.69	1.68	1.70	1.70	2.03	2.14	1.80	1.78	1.80	1.82	2.25	2.21	1.99	2.00	1.99	2.00	2.35	2.43
115	2.12	1.96	1.97	1.97	1.97	2.29	2.39	2.06	2.06	2.07	2.11	2.43	2.48	2.26	2.27	2.26	2.27	2.70	2.63
120	2.41	2.29	2.30	2.30	2.30	2.61	2.78	2.40	2.39	2.39	2.44	2.70	2.72	2.57	2.58	2.58	2.59	2.88	2.91
125	2.75	2.69	2.69	2.70	2.71	2.96	2.89	2.79	2.78	2.78	2.82	3.13	3.02	2.95	2.95	2.94	2.96	3.15	3.13
130	3.16	3.13	3.13	3.13	3.15	3.27	3.30	3.22	3.22	3.22	3.26	3.38	3.40	3.35	3.35	3.36	3.36	3.44	3.48
135	3.61	3.58	3.58	3.59	3.60	3.68	3.74	3.67	3.67	3.67	3.71	3.79	3.81	3.77	3.77	3.77	3.77	3.83	3.90
140	4.05	4.02	4.02	4.03	4.03	4.11	4.17	4.10	4.09	4.11	4.15	4.20	4.20	4.17	4.17	4.17	4.17	4.21	4.30
145	4.44	4.42	4.43	4.43	4.43	4.49	4.54	4.49	4.49	4.49	4.55	4.60	4.58	4.55	4.54	4.56	4.54	4.58	4.65
150	4.80	4.75	4.75	4.76	4.75	4.94	4.93	4.81	4.80	4.81	4.86	4.95	4.89	4.85	4.86	4.86	4.85	4.95	4.98
155	5.03	5.00	4.99	5.00	4.99	5.14	5.15	5.05	5.02	5.04	5.08	5.11	5.09	5.07	5.08	5.08	5.08	5.19	5.22
160	5.18	5.18	5.17	5.19	5.17	5.18	5.19	5.19	5.18	5.20	5.20	5.21	5.26	5.25	5.27	5.26	5.27	5.25	5.27
165	5.33	5.33	5.34	5.33	5.33	5.33	5.33	5.34	5.33	5.35	5.34	5.36	5.39	5.40	5.41	5.41	5.40	5.40	5.40
170	5.46	5.46	5.46	5.47	5.45	5.46	5.46	5.47	5.47	5.48	5.48	5.49	5.51	5.51	5.51	5.52	5.51	5.50	5.51
175	5.58	5.58	5.58	5.59	5.58	5.58	5.59	5.59	5.58	5.60	5.59	5.60	5.61	5.60	5.62	5.63	5.61	5.60	5.62
180	5.68	5.67	5.68	5.68	5.69	5.68	5.69	5.69	5.69	5.70	5.70	5.69	5.67	5.68	5.68	5.69	5.68	5.68	5.68

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:8.510W PF:0.8400 Lamp Flux:745.689x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345													
0	879	879	879	879	879													
5	848	849	846	849	850													
10	781	782	782	782	781													
15	698	702	696	702	697													
20	600	601	599	605	595													
25	484	490	484	488	481													
30	350	354	348	354	346													
35	226	229	222	224	223													
40	135	135	128	132	131													
45	75.7	76.5	71.9	72.9	73.0													
50	40.2	40.4	37.4	37.8	38.4													
55	24.1	24.3	23.4	23.1	23.5													
60	15.1	15.5	15.2	15.3	15.0													
65	10.1	10.5	10.6	10.6	10.3													
70	7.00	7.34	7.45	7.59	7.28													
75	4.90	5.08	5.11	5.28	5.14													
80	3.29	3.36	3.41	3.53	3.73													
85	2.06	2.06	2.08	2.15	2.19													
90	1.51	1.49	1.50	1.51	1.60													
95	1.57	1.57	1.56	1.60	1.76													
100	1.69	1.69	1.68	1.73	1.93													
105	1.86	1.85	1.86	1.88	2.12													
110	2.06	2.06	2.04	2.10	2.34													
115	2.33	2.32	2.30	2.37	2.63													
120	2.64	2.62	2.62	2.68	2.96													
125	3.00	2.99	2.98	3.03	3.17													
130	3.39	3.37	3.38	3.42	3.48													
135	3.80	3.79	3.78	3.83	3.87													
140	4.20	4.18	4.19	4.23	4.26													
145	4.56	4.56	4.55	4.59	4.63													
150	4.88	4.87	4.86	4.91	5.02													
155	5.10	5.10	5.10	5.13	5.23													
160	5.25	5.26	5.26	5.27	5.25													
165	5.39	5.40	5.40	5.41	5.40													
170	5.50	5.51	5.51	5.53	5.51													
175	5.60	5.62	5.61	5.63	5.63													
180	5.68	5.68	5.69	5.70	5.70													

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
γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: