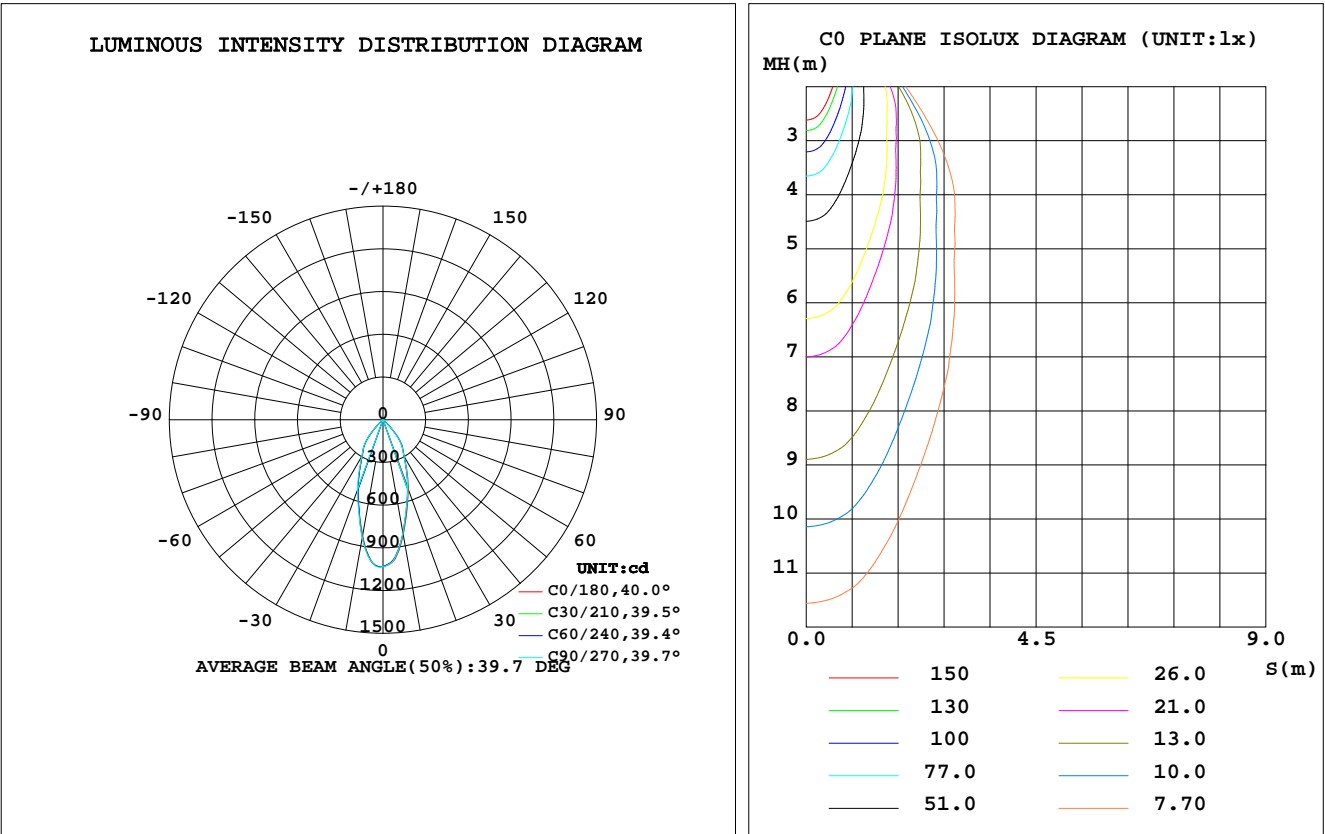


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:701.684x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 82.45 lm/W
MODEL	M021-9W-930-S-40	Imax(cd)	1035	S/MH(C0/180)	0.62	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.61	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	701.69	η UP,DN(C0-180)	1.1,48.6	
NOMINAL FLUX(lm)	701.684	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.0	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.65	



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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	819.5	817.2	808.2	814.2	825.1	832.7	841.0	827.1	0- 10	88.41	88.41	12.6,12.6
20	519.1	512.4	506.7	514.0	513.3	505.2	521.4	520.0	10- 20	181.4	269.8	38.4,38.4
30	301.0	297.7	294.8	295.0	292.4	291.2	298.9	298.3	20- 30	180.5	450.3	64.2,64.2
40	172.7	167.6	162.2	158.7	159.3	157.3	165.0	168.2	30- 40	146.0	596.2	85,85
50	20.74	20.70	19.71	19.63	18.87	19.81	21.01	21.19	40- 50	56.84	653.1	93.1,93.1
60	11.42	11.44	11.32	11.54	11.56	11.64	11.91	11.68	50- 60	13.60	666.7	95,95
70	6.050	6.200	6.347	6.671	6.839	6.706	6.737	6.367	60- 70	8.573	675.3	96.2,96.2
80	4.098	4.348	4.628	5.086	5.484	5.166	5.061	4.563	70- 80	5.843	681.1	97.1,97.1
90	1.100	1.084	1.349	1.096	1.314	1.290	1.336	1.293	80- 90	3.936	685.0	97.6,97.6
100	1.220	1.224	1.231	1.241	1.529	1.495	1.519	1.490	90-100	1.382	686.4	97.8,97.8
110	1.550	1.561	1.567	1.586	1.869	1.854	1.866	1.845	100-110	1.611	688.0	98.1,98.1
120	2.108	2.117	2.145	2.151	2.390	2.373	2.376	2.348	110-120	1.945	690.0	98.3,98.3
130	2.884	2.905	2.936	2.942	3.132	3.108	3.109	3.080	120-130	2.336	692.3	98.7,98.7
140	3.780	3.790	3.813	3.826	3.950	3.917	3.928	3.899	130-140	2.656	695.0	99,99
150	4.426	4.432	4.434	4.446	4.532	4.515	4.513	4.487	140-150	2.626	697.6	99.4,99.4
160	4.856	4.871	4.881	4.877	4.955	4.933	4.950	4.909	150-160	2.168	699.8	99.7,99.7
170	5.153	5.158	5.150	5.166	5.212	5.186	5.216	5.187	160-170	1.427	701.2	99.9,99.9
180	5.350	5.347	5.361	5.351	5.350	5.345	5.357	5.353	170-180	0.5003	701.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

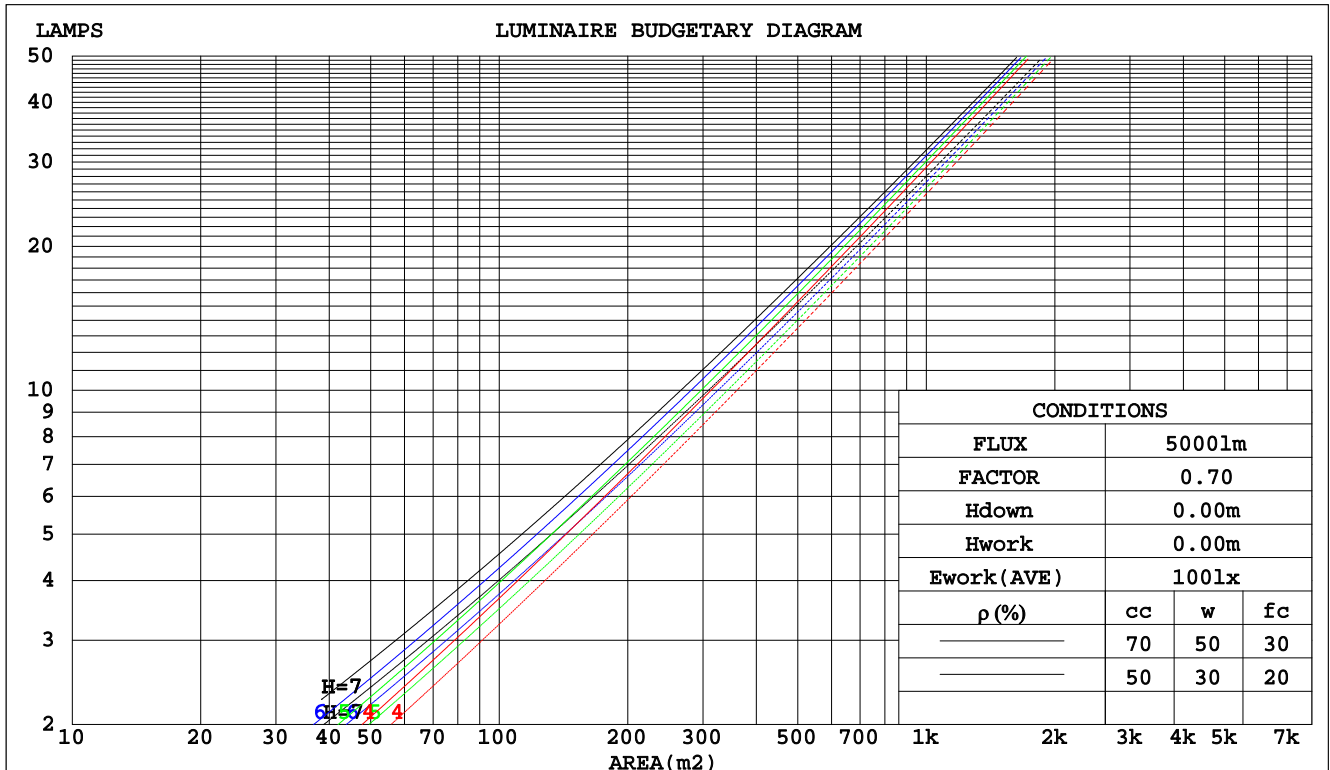
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:701.684x1 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	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.85	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.81	.78	.74	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.72	.69	.75	.71	.68	.67
6.0	.77	.70	.66	.76	.70	.66	.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	.54	.51	.59	.54	.50	.58	.53	.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:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:701.684x1 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	.186	.106	.034	.172	.099	.031	.159	.092	.029	.147	.085	.027		
2.0	.183	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.143	.081	.026		
3.0	.173	.092	.028	.167	.089	.027	.157	.085	.026	.147	.081	.025	.138	.077	.024		
4.0	.163	.085	.025	.158	.083	.025	.149	.079	.024	.141	.076	.023	.133	.072	.022		
5.0	.155	.079	.023	.150	.077	.022	.143	.074	.022	.135	.071	.021	.128	.069	.021		
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019		
7.0	.140	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018		
8.0	.133	.065	.018	.130	.064	.018	.124	.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	.122	.058	.016	.119	.058	.016	.114	.056	.016	.110	.055	.016	.106	.053	.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	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.154	.118	.090	.132	.102	.078	.091	.071	.055	.053	.041	.032	.017	.014	.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	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.113	.078	.052	.078	.054	.037	.046	.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	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.028	.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:701.684x1 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	23.1	24.1	24.3	22.7	23.7	23.0	23.9	24.1
	3H	22.9	23.7	23.1	24.0	24.2	22.7	23.6	23.0	23.9	24.1
	4H	22.9	23.7	23.2	24.0	24.2	22.7	23.6	23.1	23.9	24.1
	6H	22.9	23.7	23.2	24.0	24.3	22.8	23.6	23.2	23.9	24.2
	8H	23.0	23.7	23.3	24.0	24.3	22.9	23.7	23.3	24.0	24.3
	12H	23.1	23.8	23.4	24.1	24.4	23.0	23.8	23.4	24.1	24.4
4H	2H	22.7	23.5	23.0	23.8	24.1	22.5	23.4	22.9	23.7	23.9
	3H	22.7	23.5	23.1	23.8	24.1	22.6	23.3	23.0	23.6	24.0
	4H	22.8	23.4	23.2	23.8	24.1	22.7	23.3	23.1	23.7	24.1
	6H	22.9	23.5	23.3	23.9	24.3	22.9	23.5	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	24.4
	12H	23.2	23.7	23.7	24.1	24.6	23.3	23.8	23.8	24.2	24.7
8H	4H	22.7	23.3	23.2	23.7	24.1	22.6	23.2	23.1	23.6	24.0
	6H	23.0	23.4	23.5	23.9	24.3	23.0	23.4	23.4	23.8	24.3
	8H	23.2	23.6	23.7	24.1	24.6	23.2	23.6	23.7	24.1	24.6
	12H	23.5	23.9	24.0	24.4	24.9	23.6	24.0	24.2	24.5	25.0
12H	4H	22.7	23.2	23.2	23.6	24.1	22.6	23.1	23.1	23.5	24.0
	6H	23.0	23.4	23.5	23.9	24.4	23.0	23.4	23.5	23.8	24.3
	8H	23.3	23.6	23.8	24.1	24.6	23.3	23.6	23.8	24.1	24.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 3.9					+ 1.9 / - 3.6					
1.5H	+ 4.0 / - 4.0					+ 3.8 / - 3.7					
2.0H	+ 4.0 / - 1.0					+ 3.5 / - 0.8					

CIE Pub.117 Corrected 701.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.2)

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:701.684x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

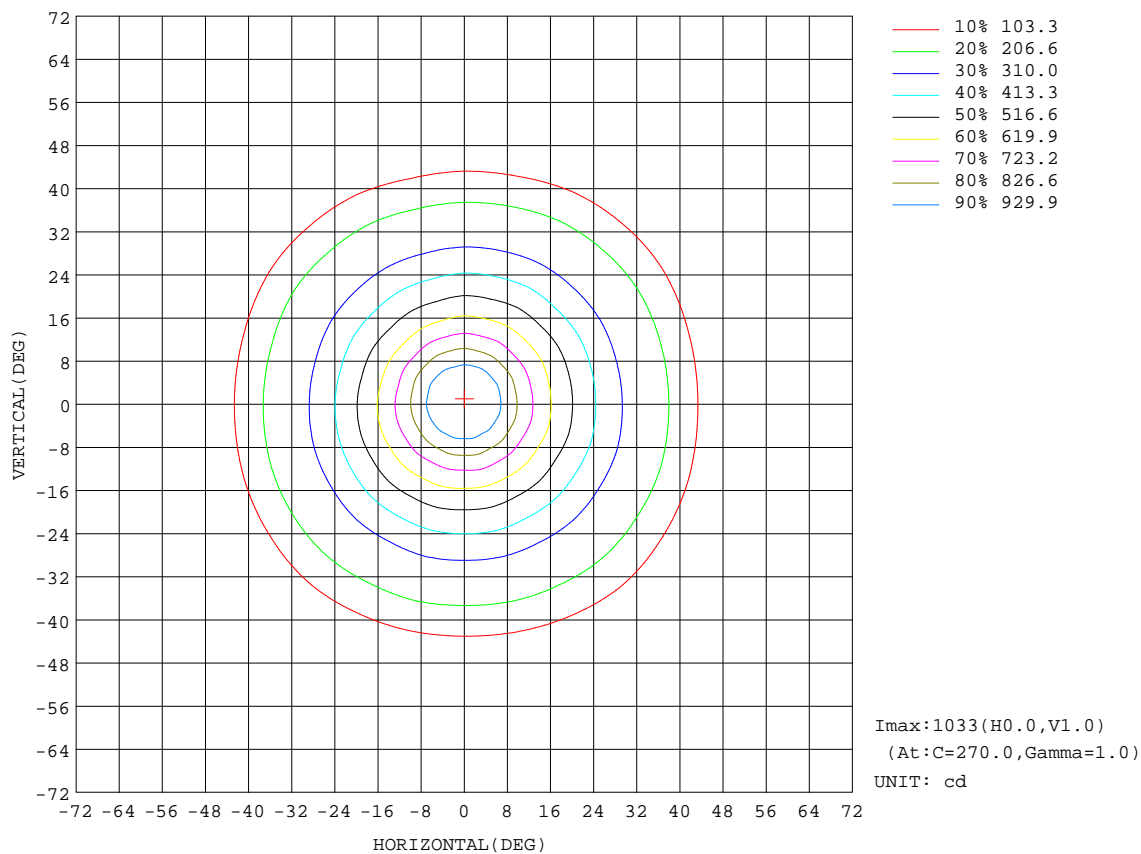
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	82	75	71	81	74	71	66
0.80	90	83	79	89	83	79	88	82	79	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	86
2.00	106	101	98	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	94
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:701.684x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



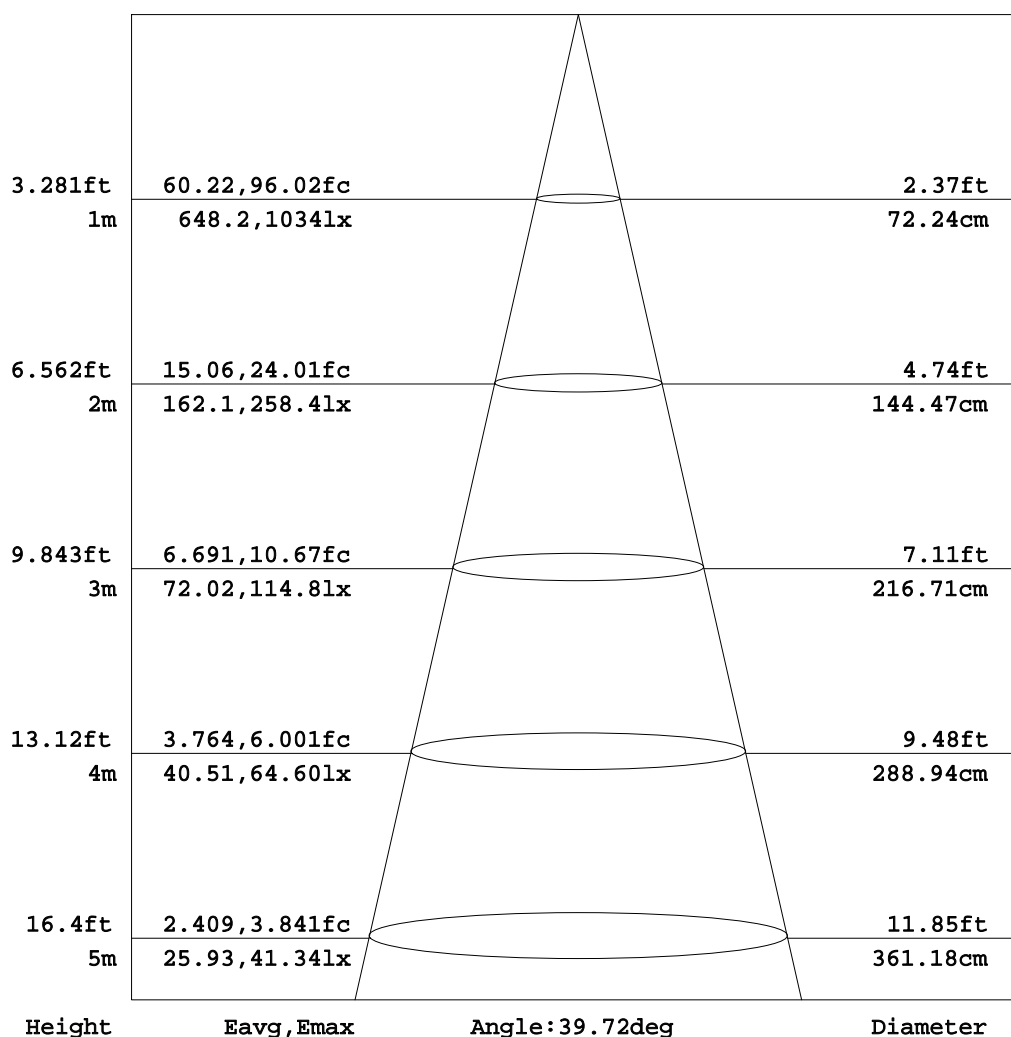
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:701.684x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:269.8 lm



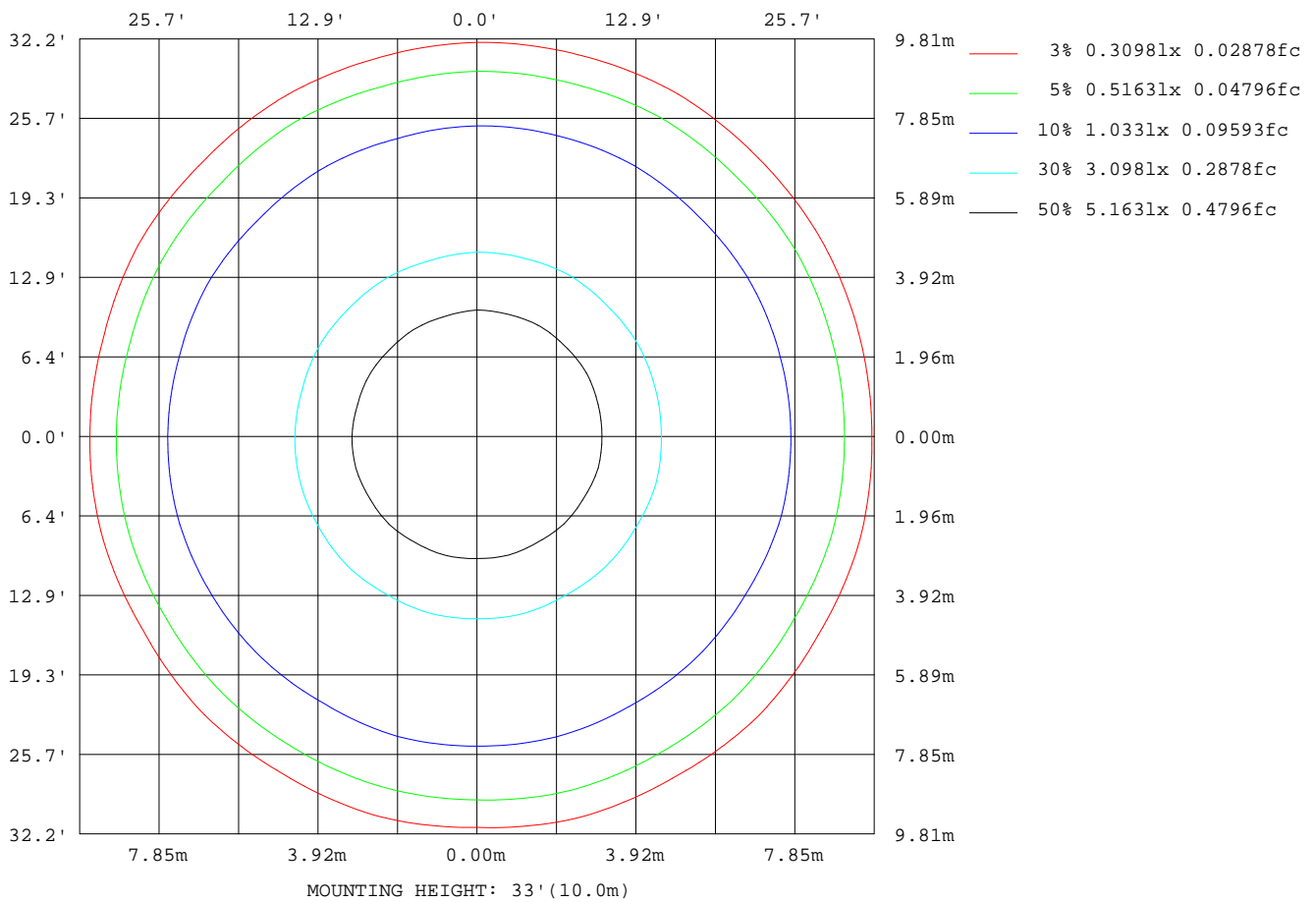
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

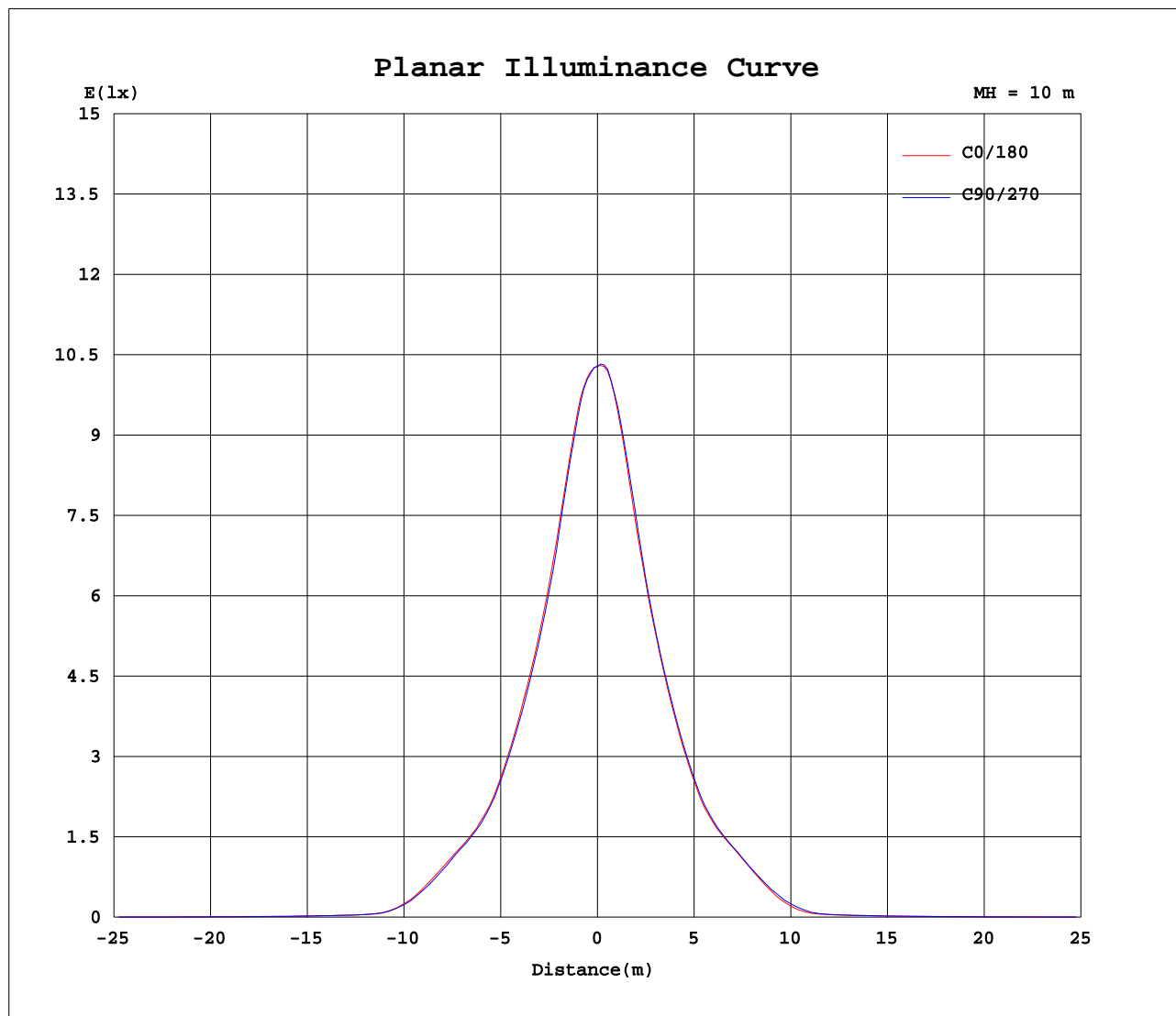
Test:U:226.5V I:0.0440A P:8.510W PF:0.8400 Lamp Flux:701.684x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:701.684x1 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	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030	1030
5	981	976	971	974	968	971	973	972	968	976	981	985	988	987	993	988	993	987	992
10	820	821	811	817	808	812	808	811	806	814	814	819	825	825	835	833	839	833	841
15	653	653	644	645	637	641	638	643	637	648	647	653	654	647	649	646	654	652	663
20	519	520	510	512	505	509	507	511	508	514	512	514	513	508	512	505	512	508	521
25	400	402	394	394	390	394	391	394	389	393	391	392	391	386	390	386	390	389	399
30	301	303	297	298	294	296	295	298	292	295	293	293	292	291	293	291	295	293	299
35	243	245	238	240	237	238	238	239	235	236	237	238	237	238	239	237	238	236	240
40	173	172	166	168	165	165	162	161	156	159	159	161	159	155	158	157	161	159	165
45	71.4	73.4	71.6	73.9	70.4	71.6	66.8	66.7	62.9	62.2	57.2	58.7	59.1	56.9	62.1	61.6	66.4	66.4	70.9
50	20.7	20.5	20.5	20.7	20.3	20.2	19.7	19.6	19.5	19.6	19.3	19.0	18.9	18.9	19.5	19.8	20.5	20.5	21.0
55	15.1	15.1	15.0	15.1	14.9	15.0	14.8	14.9	14.9	14.9	14.8	14.8	14.7	14.8	15.1	15.2	15.3	15.2	15.5
60	11.4	11.4	11.3	11.4	11.3	11.4	11.3	11.5	11.5	11.5	11.6	11.6	11.6	11.5	11.6	11.6	11.8	11.7	11.9
65	8.22	8.29	8.19	8.33	8.26	8.33	8.30	8.47	8.41	8.62	8.54	8.64	8.65	8.57	8.70	8.61	8.79	8.70	8.81
70	6.05	6.11	6.10	6.20	6.22	6.31	6.35	6.45	6.51	6.67	6.75	6.83	6.84	6.77	6.76	6.71	6.74	6.71	6.74
75	4.90	4.94	4.99	5.10	5.16	5.24	5.32	5.45	5.57	5.70	5.84	5.91	5.98	5.91	5.84	5.75	5.74	5.73	5.72
80	4.10	4.15	4.23	4.35	4.42	4.52	4.63	4.76	4.91	5.09	5.26	5.35	5.48	5.39	5.26	5.17	5.09	5.07	5.06
85	3.38	3.47	3.56	3.68	3.74	3.82	3.90	4.04	4.16	4.36	4.49	4.59	4.72	4.55	4.44	4.30	4.27	4.22	4.31
90	1.10	1.08	1.09	1.08	1.35	1.09	1.35	1.09	1.10	1.10	1.11	1.10	1.31	1.29	1.28	1.29	1.28	1.29	1.34
95	1.11	1.13	1.11	1.13	1.11	1.13	1.13	1.14	1.15	1.15	1.15	1.15	1.41	1.37	1.39	1.37	1.39	1.37	1.40
100	1.22	1.22	1.22	1.22	1.22	1.23	1.23	1.24	1.22	1.24	1.23	1.25	1.53	1.50	1.52	1.49	1.51	1.50	1.52
105	1.34	1.36	1.35	1.36	1.36	1.38	1.37	1.38	1.37	1.39	1.38	1.39	1.68	1.67	1.67	1.66	1.67	1.67	1.67
110	1.55	1.56	1.55	1.56	1.55	1.57	1.57	1.58	1.57	1.59	1.58	1.59	1.87	1.86	1.86	1.85	1.86	1.86	1.87
115	1.79	1.81	1.80	1.81	1.81	1.82	1.82	1.83	1.84	1.84	1.86	1.84	2.11	2.10	2.10	2.08	2.09	2.08	2.10
120	2.11	2.11	2.11	2.12	2.12	2.13	2.15	2.14	2.15	2.15	2.15	2.15	2.39	2.38	2.38	2.37	2.37	2.37	2.38
125	2.47	2.48	2.47	2.48	2.48	2.49	2.51	2.51	2.51	2.52	2.52	2.52	2.73	2.72	2.72	2.71	2.71	2.70	2.71
130	2.88	2.89	2.89	2.90	2.90	2.91	2.94	2.93	2.94	2.94	2.95	2.94	3.13	3.12	3.11	3.11	3.11	3.09	3.11
135	3.34	3.35	3.35	3.36	3.36	3.37	3.39	3.38	3.39	3.39	3.39	3.39	3.55	3.54	3.53	3.53	3.53	3.52	3.52
140	3.78	3.79	3.78	3.79	3.79	3.80	3.81	3.81	3.81	3.83	3.83	3.82	3.95	3.94	3.93	3.92	3.92	3.92	3.93
145	4.14	4.16	4.14	4.16	4.15	4.16	4.17	4.16	4.17	4.17	4.18	4.17	4.27	4.26	4.26	4.25	4.26	4.24	4.26
150	4.43	4.42	4.41	4.43	4.43	4.44	4.43	4.44	4.43	4.45	4.45	4.45	4.53	4.52	4.52	4.51	4.52	4.51	4.51
155	4.65	4.66	4.65	4.66	4.66	4.67	4.68	4.67	4.67	4.68	4.68	4.68	4.76	4.74	4.74	4.74	4.75	4.73	4.75
160	4.86	4.86	4.85	4.87	4.87	4.87	4.88	4.87	4.87	4.88	4.88	4.89	4.95	4.95	4.94	4.93	4.95	4.93	4.95
165	5.02	5.03	5.01	5.03	5.01	5.03	5.03	5.03	5.02	5.04	5.04	5.04	5.10	5.08	5.09	5.07	5.09	5.07	5.10
170	5.15	5.15	5.14	5.16	5.14	5.15	5.15	5.15	5.16	5.17	5.17	5.17	5.21	5.19	5.20	5.19	5.20	5.19	5.22
175	5.26	5.26	5.26	5.26	5.25	5.25	5.27	5.26	5.25	5.27	5.27	5.27	5.29	5.29	5.28	5.28	5.29	5.28	5.30
180	5.35	5.35	5.34	5.35	5.35	5.35	5.36	5.34	5.35	5.35	5.37	5.36	5.35	5.35	5.34	5.34	5.34	5.35	5.36

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:701.684x1 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	1030	1030	1030	1030	1030														
5	988	991	985	991	983														
10	832	835	827	831	819														
15	657	664	658	662	653														
20	518	526	520	526	519														
25	398	404	398	404	400														
30	298	300	298	300	298														
35	240	240	239	241	240														
40	164	169	168	173	172														
45	71.2	74.2	72.4	73.9	72.1														
50	20.6	21.2	21.2	21.8	21.1														
55	15.4	15.5	15.3	15.4	15.1														
60	11.7	11.8	11.7	11.7	11.4														
65	8.70	8.76	8.50	8.49	8.26														
70	6.61	6.55	6.37	6.27	6.09														
75	5.64	5.50	5.30	5.14	4.97														
80	4.94	4.80	4.56	4.37	4.22														
85	4.18	4.07	3.83	3.64	3.50														
90	1.29	1.29	1.29	1.29	1.30														
95	1.37	1.38	1.37	1.38	1.37														
100	1.49	1.51	1.49	1.51	1.49														
105	1.65	1.66	1.65	1.67	1.65														
110	1.86	1.85	1.84	1.85	1.85														
115	2.08	2.08	2.07	2.08	2.07														
120	2.36	2.36	2.35	2.37	2.35														
125	2.70	2.70	2.69	2.70	2.69														
130	3.09	3.09	3.08	3.09	3.09														
135	3.51	3.51	3.50	3.51	3.51														
140	3.91	3.91	3.90	3.91	3.90														
145	4.24	4.24	4.24	4.26	4.24														
150	4.50	4.50	4.49	4.51	4.50														
155	4.73	4.73	4.72	4.74	4.72														
160	4.92	4.93	4.91	4.93	4.91														
165	5.08	5.08	5.06	5.08	5.06														
170	5.18	5.20	5.19	5.20	5.18														
175	5.29	5.29	5.28	5.30	5.28														
180	5.35	5.35	5.35	5.37	5.35														

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: