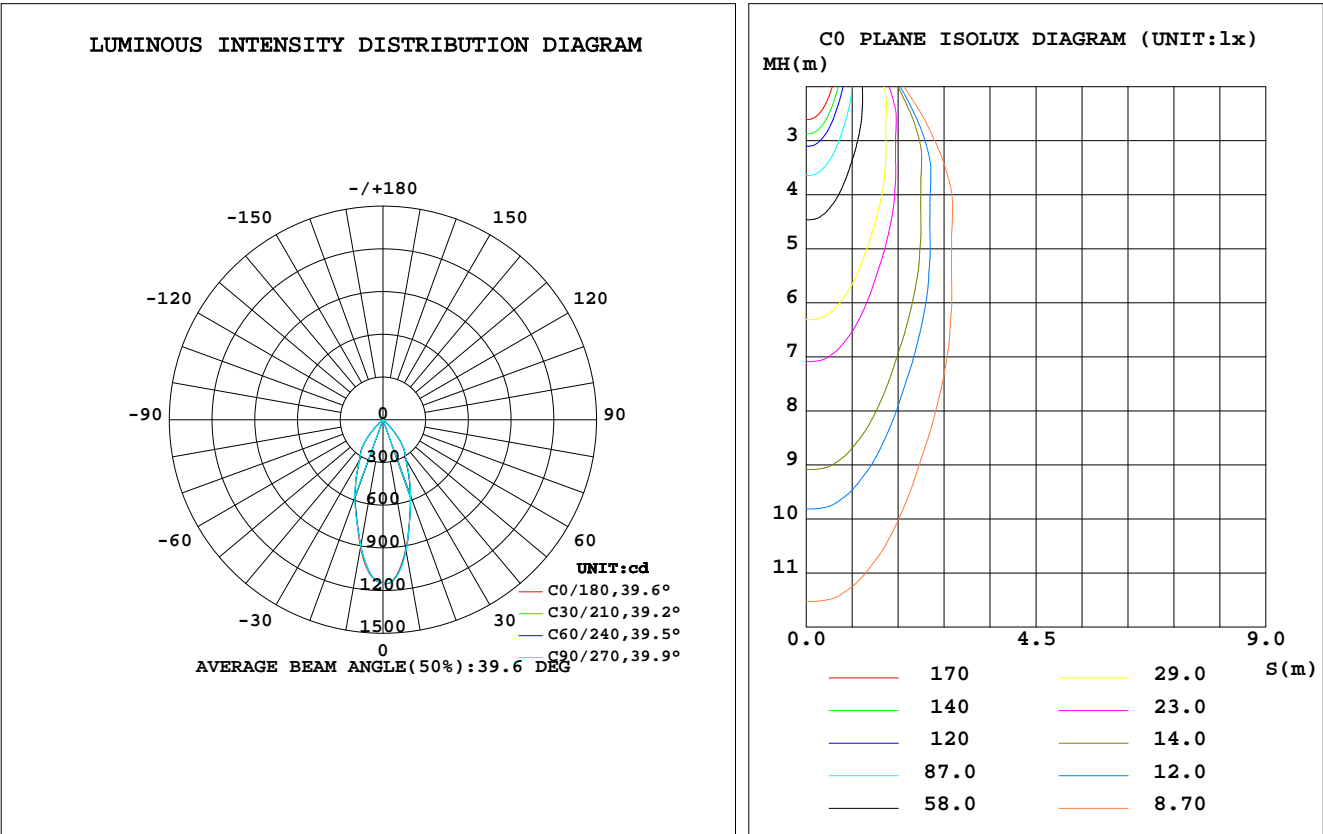


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.79 lm/W			
MODEL	M031-11W-927-S-40	Imax(cd)	1152	S/MH(C0/180)	0.62
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	782.22	η UP,DN(C0-180)	1.2,48.7
NOMINAL FLUX(lm)	782.21	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,48.9
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	920.5	937.4	932.9	924.9	910.9	895.7	900.9	899.8	0- 10	98.37	98.37	12.6,12.6
20	568.9	565.9	565.7	573.5	571.8	566.9	580.0	574.9	10- 20	201.9	300.3	38.4,38.4
30	324.7	325.1	325.5	329.5	335.7	333.3	335.0	330.3	20- 30	200.9	501.2	64.1,64.1
40	173.2	175.8	173.8	188.5	188.2	183.7	182.8	178.5	30- 40	162.1	663.2	84.8,84.8
50	21.30	22.76	22.94	23.91	23.26	23.16	22.90	21.77	40- 50	63.98	727.2	93,93
60	12.42	12.93	13.26	13.45	13.23	13.19	13.22	12.65	50- 60	15.36	742.6	94.9,94.9
70	6.828	7.204	7.522	7.692	7.682	7.592	7.480	6.988	60- 70	9.718	752.3	96.2,96.2
80	4.989	5.294	5.480	5.721	5.746	5.493	5.470	5.049	70- 80	6.627	758.9	97,97
90	1.264	1.266	1.277	1.280	1.461	1.472	1.473	1.509	80- 90	4.456	763.4	97.6,97.6
100	1.398	1.416	1.402	1.413	1.712	1.705	1.723	1.719	90-100	1.585	765.0	97.8,97.8
110	1.786	1.797	1.785	1.790	2.094	2.085	2.104	2.112	100-110	1.835	766.8	98,98
120	2.421	2.425	2.423	2.415	2.671	2.665	2.677	2.690	110-120	2.206	769.0	98.3,98.3
130	3.302	3.304	3.303	3.290	3.490	3.496	3.497	3.511	120-130	2.643	771.7	98.7,98.7
140	4.286	4.289	4.285	4.275	4.402	4.407	4.409	4.418	130-140	2.993	774.7	99,99
150	4.987	5.011	4.994	4.993	5.067	5.071	5.072	5.078	140-150	2.956	777.6	99.4,99.4
160	5.489	5.497	5.487	5.484	5.541	5.547	5.556	5.558	150-160	2.441	780.0	99.7,99.7
170	5.804	5.819	5.807	5.807	5.834	5.830	5.845	5.841	160-170	1.606	781.7	99.9,99.9
180	6.004	6.012	6.009	6.012	6.013	6.010	6.006	6.012	170-180	0.5625	782.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

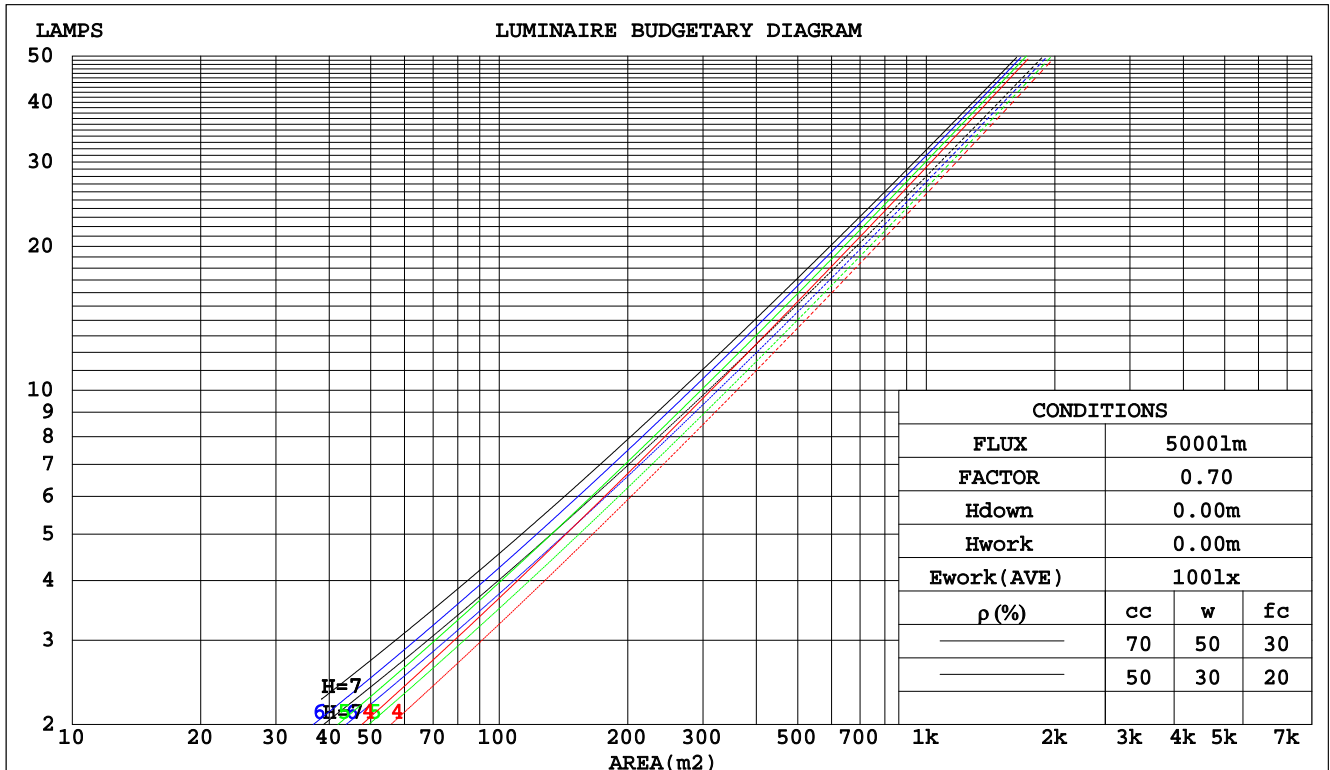
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 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	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.89	.84	.92	.88	.84	.89	.85	.82	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.82	.77	.86	.81	.77	.84	.79	.75	.81	.77	.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	.56	.53	.60	.56	.53	.51
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.50	.57	.53	.50	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 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	.194	.110	.035	.186	.106	.034	.172	.099	.032	.159	.092	.029	.147	.085	.028	
2.0	.183	.100	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.143	.081	.026	
3.0	.173	.092	.028	.167	.090	.027	.157	.085	.026	.147	.081	.025	.139	.077	.024	
4.0	.163	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.133	.072	.022	
5.0	.155	.079	.023	.151	.077	.023	.143	.074	.022	.135	.071	.021	.128	.069	.021	
6.0	.147	.074	.021	.143	.072	.021	.136	.070	.020	.130	.067	.020	.123	.065	.019	
7.0	.140	.069	.020	.137	.068	.019	.130	.066	.019	.124	.064	.019	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.062	.017	.125	.061	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016	
10.0	.122	.058	.016	.119	.058	.016	.115	.056	.016	.110	.055	.016	.106	.053	.015	

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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.191	.176	.162	.163	.151	.139	.112	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.151	.130	.112	.104	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.141	.114	.093	.097	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.155	.118	.090	.133	.102	.078	.091	.071	.055	.053	.042	.033	.017	.014	.011	
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.139	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008	
7.0	.132	.090	.060	.114	.078	.052	.079	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.126	.084	.054	.109	.073	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007	
9.0	.121	.079	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.070	.045	.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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.2lx1 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	22.9	23.9	23.1	24.1	24.3	22.9	23.8	23.1	24.0	24.3	
	3H	22.9	23.8	23.2	24.0	24.3	22.9	23.8	23.2	24.0	24.3
	4H	22.9	23.7	23.2	24.0	24.3	22.9	23.8	23.2	24.0	24.3
	6H	23.0	23.8	23.3	24.1	24.4	23.1	23.8	23.4	24.1	24.4
	8H	23.1	23.8	23.4	24.1	24.5	23.2	23.9	23.5	24.2	24.5
	12H	23.2	23.9	23.6	24.3	24.6	23.3	24.1	23.7	24.4	24.7
4H	2H	22.7	23.6	23.0	23.8	24.1	22.7	23.5	23.0	23.8	24.1
	3H	22.8	23.5	23.1	23.8	24.1	22.8	23.5	23.1	23.8	24.1
	4H	22.9	23.5	23.3	23.9	24.2	22.9	23.6	23.3	23.9	24.3
	6H	23.1	23.7	23.5	24.0	24.4	23.2	23.8	23.6	24.1	24.5
	8H	23.3	23.8	23.7	24.2	24.6	23.4	23.9	23.8	24.3	24.7
	12H	23.5	24.0	24.0	24.4	24.9	23.7	24.2	24.1	24.6	25.0
8H	4H	22.9	23.4	23.3	23.8	24.2	22.9	23.4	23.3	23.8	24.2
	6H	23.2	23.7	23.7	24.1	24.6	23.3	23.7	23.8	24.2	24.6
	8H	23.5	23.9	24.0	24.4	24.9	23.6	24.0	24.1	24.5	25.0
	12H	23.9	24.3	24.4	24.8	25.3	24.1	24.4	24.6	24.9	25.4
12H	4H	22.8	23.3	23.3	23.7	24.2	22.9	23.4	23.3	23.8	24.2
	6H	23.2	23.6	23.7	24.1	24.6	23.3	23.7	23.8	24.2	24.7
	8H	23.6	24.0	24.1	24.4	25.0	23.7	24.1	24.2	24.5	25.1
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 3.3					+ 1.9 / - 3.1					
1.5H	+ 4.0 / - 3.3					+ 3.8 / - 3.1					
2.0H	+ 3.2 / - 0.7					+ 3.3 / - 0.8					

CIE Pub.117 Corrected 782.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

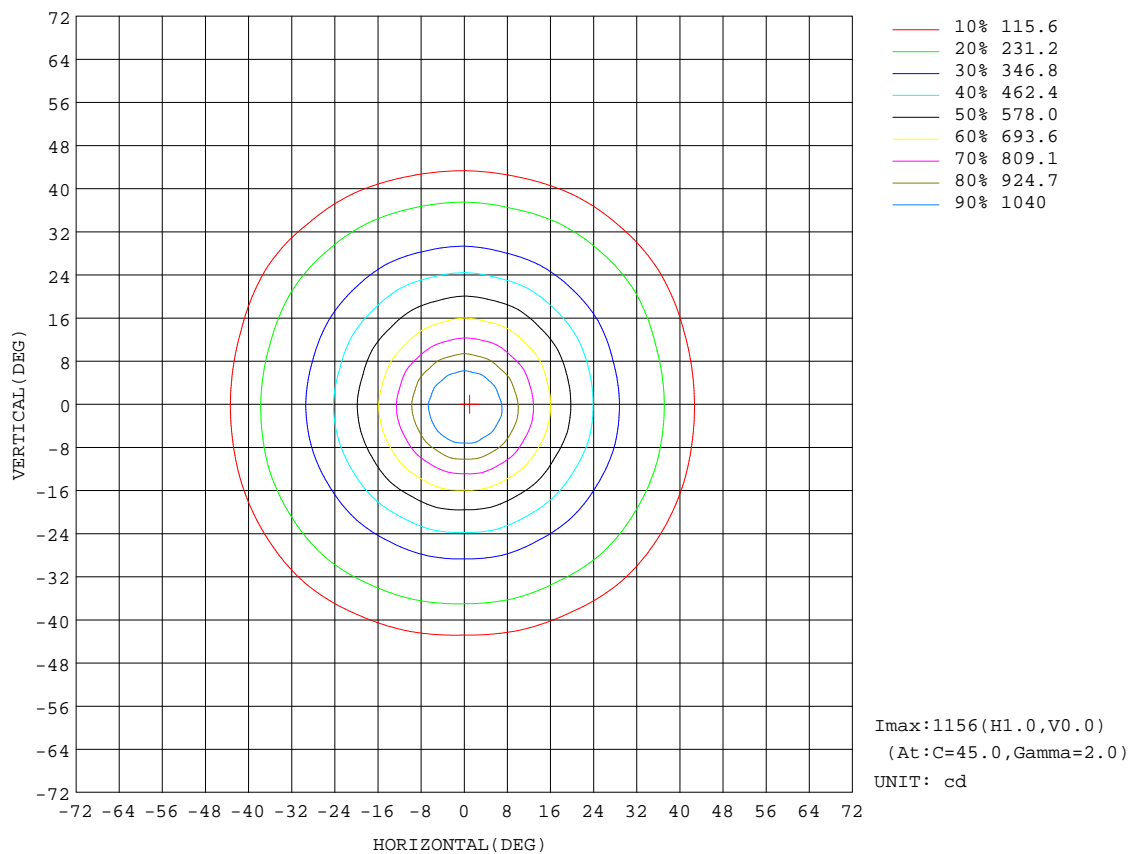
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	75	71	81	75	71	81	74	70	66
0.80	90	83	79	89	83	79	88	82	78	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	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	101	93
5.00	113	111	108	111	109	107	106	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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.2lx1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



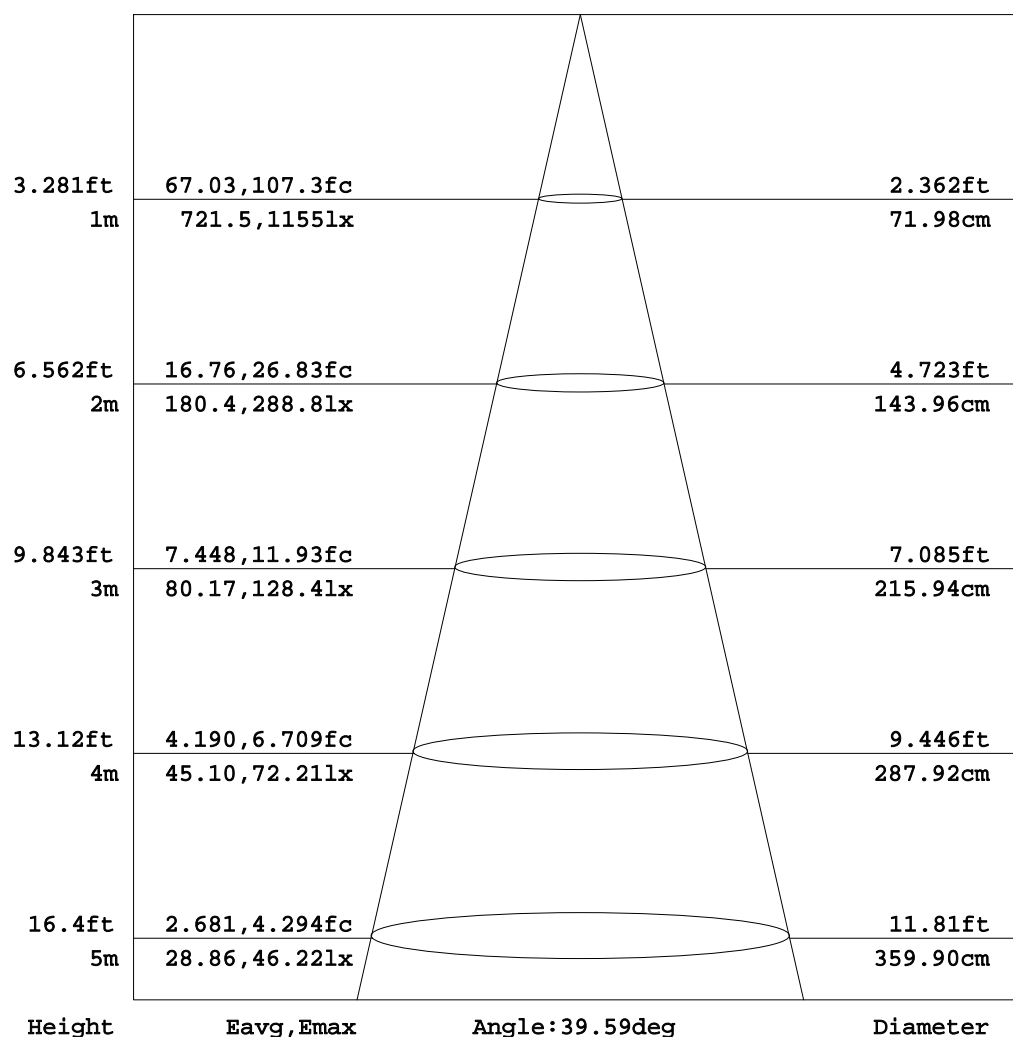
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:300.3 lm



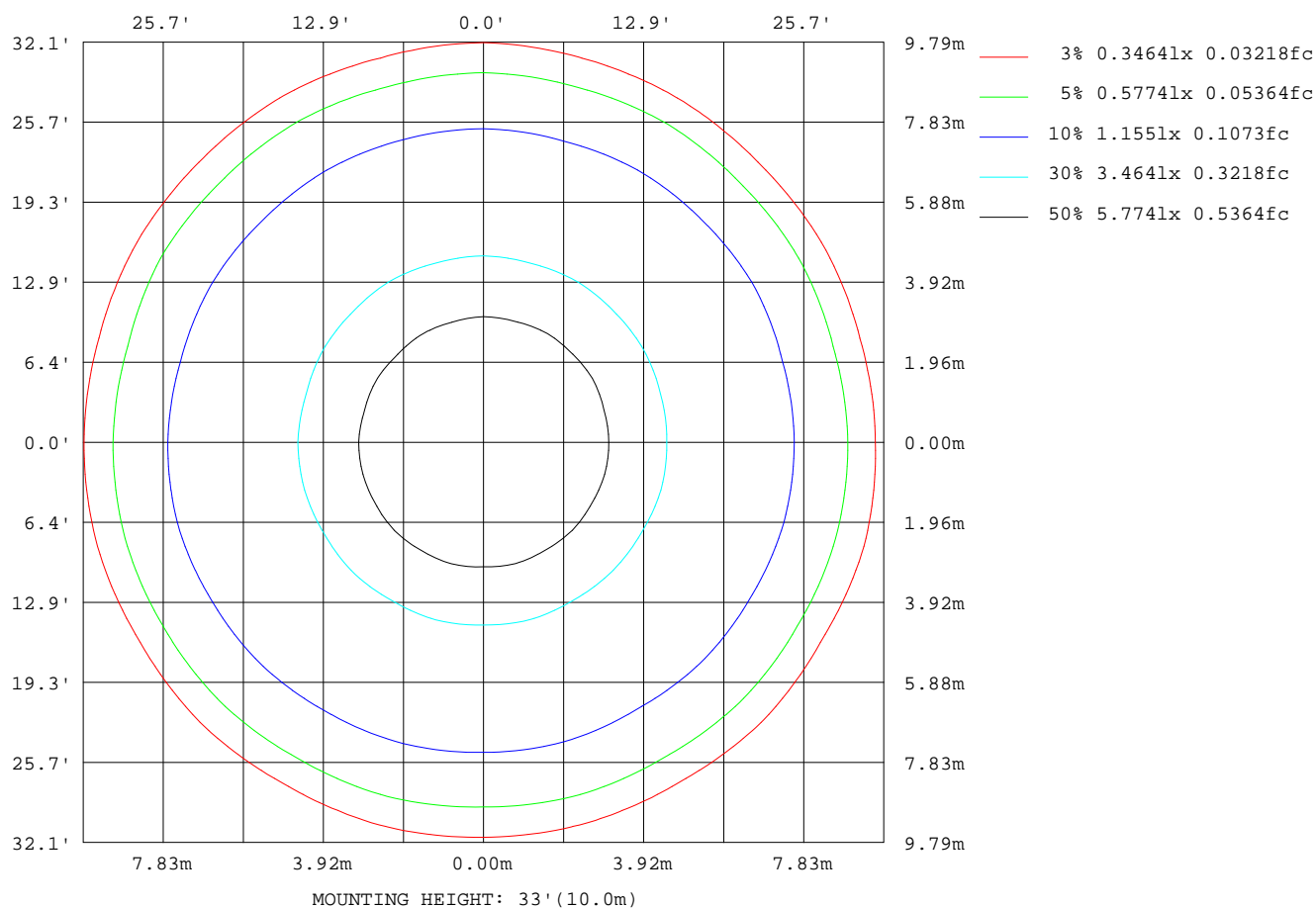
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

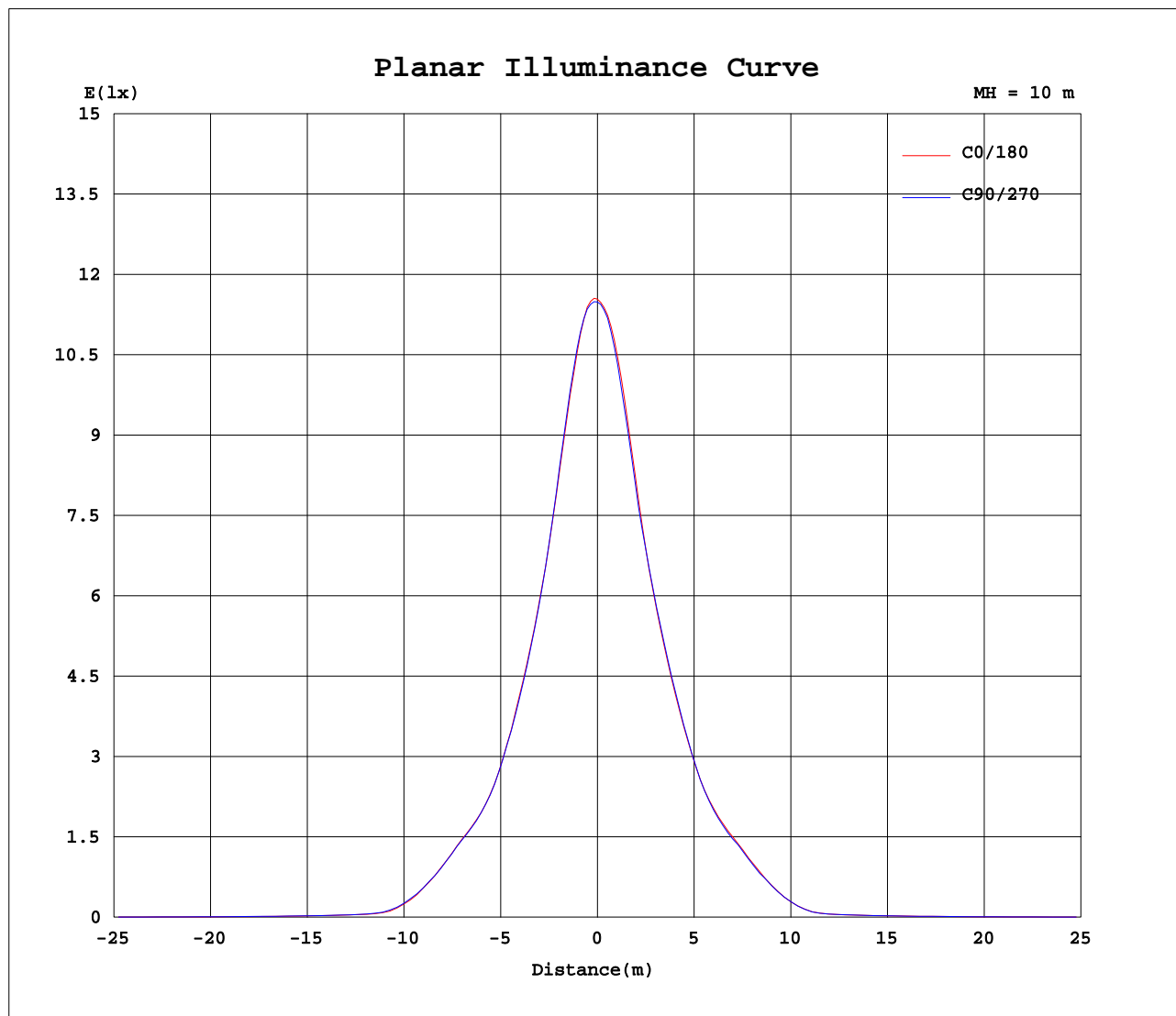
Test:U:226.5V I:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
γ (DEC)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149	1149
5	1097	1102	1101	1107	1103	1108	1106	1108	1102	1103	1095	1092	1085	1080	1081	1074	1077	1073	1077
10	920	930	929	937	935	939	933	938	923	925	915	915	911	903	904	896	901	892	901
15	724	726	722	731	725	732	728	732	723	727	722	721	717	710	715	709	718	715	723
20	569	571	560	566	563	570	566	573	567	574	569	573	572	563	570	567	575	572	580
25	434	436	428	431	429	435	434	438	434	439	437	443	443	436	442	440	448	444	449
30	325	328	321	325	323	326	325	328	325	330	330	336	336	332	334	333	337	334	335
35	264	264	261	261	260	263	263	266	264	268	270	272	271	266	267	267	269	265	265
40	173	176	173	176	171	176	174	180	180	188	188	191	188	182	189	184	187	183	183
45	69.5	70.2	70.6	72.3	72.1	76.0	74.2	78.1	77.2	78.9	77.8	81.5	81.2	80.1	83.5	81.2	84.5	80.7	82.6
50	21.3	22.0	22.1	22.8	22.7	23.2	22.9	23.6	23.8	23.9	23.5	23.1	23.3	23.2	23.5	23.2	23.3	22.7	22.9
55	16.5	16.7	16.7	16.9	16.9	17.2	17.2	17.4	17.3	17.3	17.2	17.2	17.1	17.1	17.2	17.1	17.2	17.1	17.3
60	12.4	12.7	12.7	12.9	12.9	13.2	13.3	13.5	13.4	13.4	13.3	13.4	13.2	13.2	13.3	13.2	13.3	13.1	13.2
65	9.00	9.26	9.24	9.53	9.55	9.81	9.88	10.1	9.99	10.1	9.99	10.1	10.0	9.90	9.99	9.83	9.87	9.68	9.73
70	6.83	6.97	7.04	7.20	7.28	7.46	7.52	7.64	7.62	7.69	7.68	7.74	7.68	7.60	7.62	7.59	7.62	7.51	7.48
75	5.71	5.85	5.93	6.06	6.12	6.25	6.32	6.42	6.45	6.53	6.55	6.59	6.56	6.45	6.41	6.37	6.39	6.35	6.32
80	4.99	5.13	5.22	5.29	5.35	5.42	5.48	5.57	5.62	5.72	5.76	5.75	5.75	5.62	5.53	5.49	5.55	5.51	5.47
85	4.10	4.32	4.39	4.48	4.53	4.56	4.62	4.76	4.83	4.98	5.01	4.98	4.99	4.81	4.70	4.62	4.69	4.65	4.63
90	1.26	1.25	1.27	1.27	1.29	1.29	1.28	1.29	1.27	1.28	1.74	1.24	1.46	1.47	1.46	1.47	1.48	1.47	1.47
95	1.29	1.31	1.29	1.31	1.31	1.31	1.29	1.31	1.29	1.31	1.30	1.29	1.57	1.55	1.57	1.56	1.58	1.57	1.58
100	1.40	1.42	1.40	1.42	1.41	1.42	1.40	1.41	1.40	1.41	1.39	1.39	1.71	1.70	1.71	1.70	1.72	1.71	1.72
105	1.57	1.58	1.56	1.58	1.56	1.58	1.56	1.57	1.56	1.57	1.56	1.56	1.88	1.87	1.88	1.88	1.89	1.88	1.89
110	1.79	1.80	1.79	1.80	1.79	1.80	1.78	1.79	1.78	1.79	1.78	1.77	2.09	2.08	2.09	2.09	2.10	2.09	2.10
115	2.08	2.08	2.07	2.08	2.08	2.08	2.08	2.07	2.07	2.07	2.06	2.05	2.35	2.34	2.35	2.34	2.36	2.35	2.36
120	2.42	2.42	2.42	2.43	2.43	2.42	2.42	2.42	2.42	2.41	2.40	2.40	2.67	2.67	2.67	2.66	2.67	2.67	2.68
125	2.83	2.83	2.83	2.83	2.84	2.83	2.83	2.83	2.83	2.82	2.82	2.80	3.06	3.05	3.05	3.05	3.06	3.06	3.06
130	3.30	3.30	3.30	3.30	3.31	3.30	3.30	3.30	3.29	3.29	3.29	3.27	3.49	3.49	3.49	3.50	3.50	3.50	3.50
135	3.80	3.80	3.81	3.80	3.81	3.80	3.80	3.79	3.80	3.79	3.78	3.77	3.96	3.96	3.96	3.97	3.96	3.97	3.97
140	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.28	4.28	4.27	4.27	4.25	4.40	4.40	4.40	4.41	4.41	4.41	4.41
145	4.69	4.69	4.69	4.70	4.70	4.70	4.69	4.69	4.69	4.69	4.68	4.67	4.77	4.77	4.77	4.78	4.78	4.78	4.78
150	4.99	5.00	5.00	5.01	5.00	5.00	4.99	5.00	4.99	4.99	4.99	4.98	5.07	5.06	5.07	5.07	5.07	5.07	5.07
155	5.25	5.26	5.26	5.27	5.26	5.27	5.26	5.26	5.25	5.25	5.25	5.24	5.33	5.32	5.32	5.33	5.33	5.33	5.33
160	5.49	5.50	5.49	5.50	5.49	5.49	5.49	5.49	5.48	5.48	5.48	5.48	5.54	5.54	5.55	5.55	5.55	5.55	5.56
165	5.66	5.67	5.66	5.67	5.66	5.66	5.66	5.66	5.66	5.66	5.65	5.65	5.71	5.70	5.71	5.71	5.72	5.71	5.72
170	5.80	5.81	5.81	5.82	5.81	5.81	5.81	5.81	5.80	5.81	5.80	5.80	5.83	5.83	5.84	5.83	5.84	5.84	5.85
175	5.91	5.93	5.91	5.93	5.92	5.92	5.91	5.93	5.91	5.92	5.91	5.91	5.94	5.92	5.94	5.93	5.93	5.93	5.93
180	6.00	6.02	6.00	6.01	6.01	6.01	6.01	6.01	6.01	6.01	6.01	6.00	6.01	6.01	6.01	6.01	6.01	6.01	6.01

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:0.0590A P:10.60W PF:0.7890 Lamp Flux:782.21x1 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	1149	1149	1149	1149	1149														
5	1073	1082	1085	1091	1092														
10	895	905	900	915	912														
15	720	730	726	732	725														
20	576	582	575	578	571														
25	443	447	442	441	436														
30	331	332	330	331	326														
35	264	266	264	266	262														
40	180	182	178	181	174														
45	76.4	76.7	70.2	70.2	67.3														
50	22.8	23.0	21.8	21.4	21.0														
55	17.1	17.1	16.6	16.4	16.3														
60	13.1	13.0	12.7	12.5	12.4														
65	9.47	9.38	9.06	9.09	8.90														
70	7.32	7.20	6.99	6.92	6.83														
75	6.16	6.00	5.82	5.76	5.71														
80	5.34	5.18	5.05	5.00	4.99														
85	4.49	4.32	4.15	4.11	4.10														
90	1.48	1.48	1.51	1.50	1.48														
95	1.57	1.58	1.60	1.60	1.57														
100	1.71	1.73	1.72	1.74	1.71														
105	1.89	1.90	1.89	1.91	1.89														
110	2.10	2.11	2.11	2.12	2.11														
115	2.36	2.37	2.37	2.38	2.37														
120	2.68	2.69	2.69	2.69	2.69														
125	3.07	3.08	3.08	3.08	3.07														
130	3.51	3.50	3.51	3.51	3.51														
135	3.98	3.97	3.98	3.98	3.98														
140	4.42	4.41	4.42	4.42	4.42														
145	4.78	4.78	4.79	4.79	4.79														
150	5.07	5.08	5.08	5.08	5.08														
155	5.33	5.33	5.34	5.34	5.34														
160	5.56	5.56	5.56	5.56	5.56														
165	5.71	5.72	5.72	5.73	5.72														
170	5.84	5.85	5.84	5.85	5.84														
175	5.93	5.94	5.93	5.94	5.93														
180	6.01	6.01	6.01	6.01	6.00														

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: