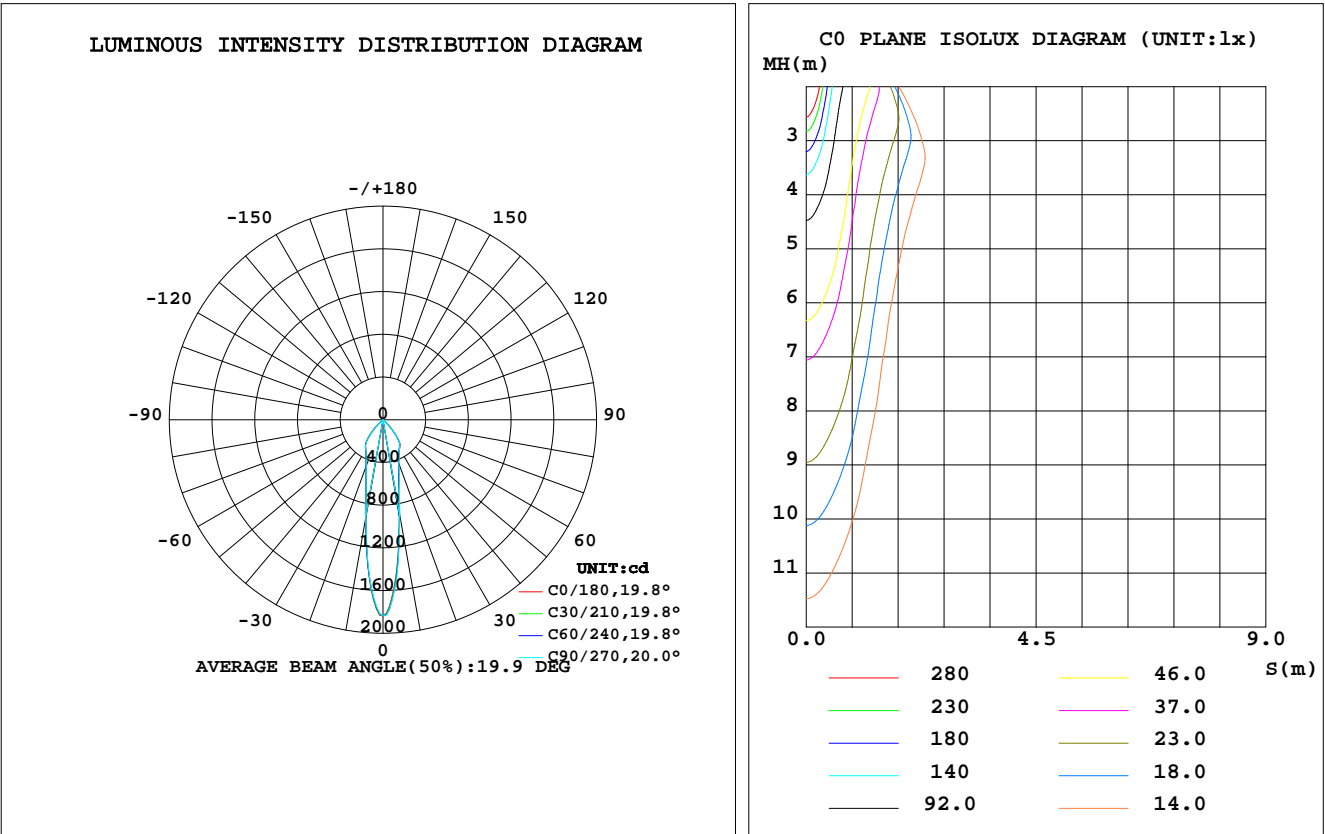


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:226.5V I:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 69.48 lm/W
MODEL	M031-11W-927-S-16	Imax(cd)	1839	S/MH(C0/180)	0.33	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.33	
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	750.40	η UP,DN(C0-180)	1.1,48.2	
NOMINAL FLUX(lm)	750.397	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,49.4	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	226.5	η down(%)	97.6	CIBSE SHR MAX	0.50	



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	899.3	896.4	907.1	933.2	923.1	919.5	932.4	896.8	0- 10	121.0	121.0	16.1,16.1
20	435.7	430.7	436.2	451.7	458.6	460.2	460.3	443.7	10- 20	170.5	291.5	38.8,38.8
30	314.3	307.2	309.2	317.0	320.6	325.3	324.5	319.9	20- 30	169.8	461.3	61.5,61.5
40	187.2	183.6	184.7	198.8	201.8	201.6	195.0	192.0	30- 40	168.3	629.7	83.9,83.9
50	23.26	24.06	23.88	25.81	27.01	27.21	26.64	24.98	40- 50	70.19	699.8	93.3,93.3
60	10.09	10.42	10.30	10.68	11.02	11.18	11.19	10.79	50- 60	13.96	713.8	95.1,95.1
70	6.705	6.858	6.945	6.972	7.168	7.229	7.020	6.789	60- 70	8.506	722.3	96.3,96.3
80	4.957	5.079	5.178	5.038	4.933	4.930	4.854	4.774	70- 80	6.220	728.5	97.1,97.1
90	1.197	1.188	1.201	1.237	1.386	1.381	1.379	1.403	80- 90	4.002	732.5	97.6,97.6
100	1.297	1.316	1.304	1.313	1.640	1.624	1.641	1.640	90-100	1.485	734.0	97.8,97.8
110	1.737	1.753	1.743	1.732	2.017	1.995	2.010	2.021	100-110	1.756	735.8	98.1,98.1
120	2.286	2.301	2.289	2.270	2.509	2.485	2.499	2.524	110-120	2.104	737.9	98.3,98.3
130	3.122	3.123	3.119	3.085	3.276	3.261	3.275	3.312	120-130	2.471	740.3	98.7,98.7
140	4.133	4.145	4.133	4.107	4.217	4.202	4.210	4.243	130-140	2.854	743.2	99.99
150	4.727	4.747	4.734	4.729	4.789	4.774	4.789	4.808	140-150	2.820	746.0	99.4,99.4
160	5.203	5.216	5.206	5.204	5.252	5.241	5.254	5.261	150-160	2.304	748.3	99.7,99.7
170	5.562	5.579	5.571	5.589	5.611	5.591	5.611	5.608	160-170	1.535	749.9	99.9,99.9
180	5.657	5.666	5.669	5.678	5.674	5.663	5.672	5.678	170-180	0.5371	750.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

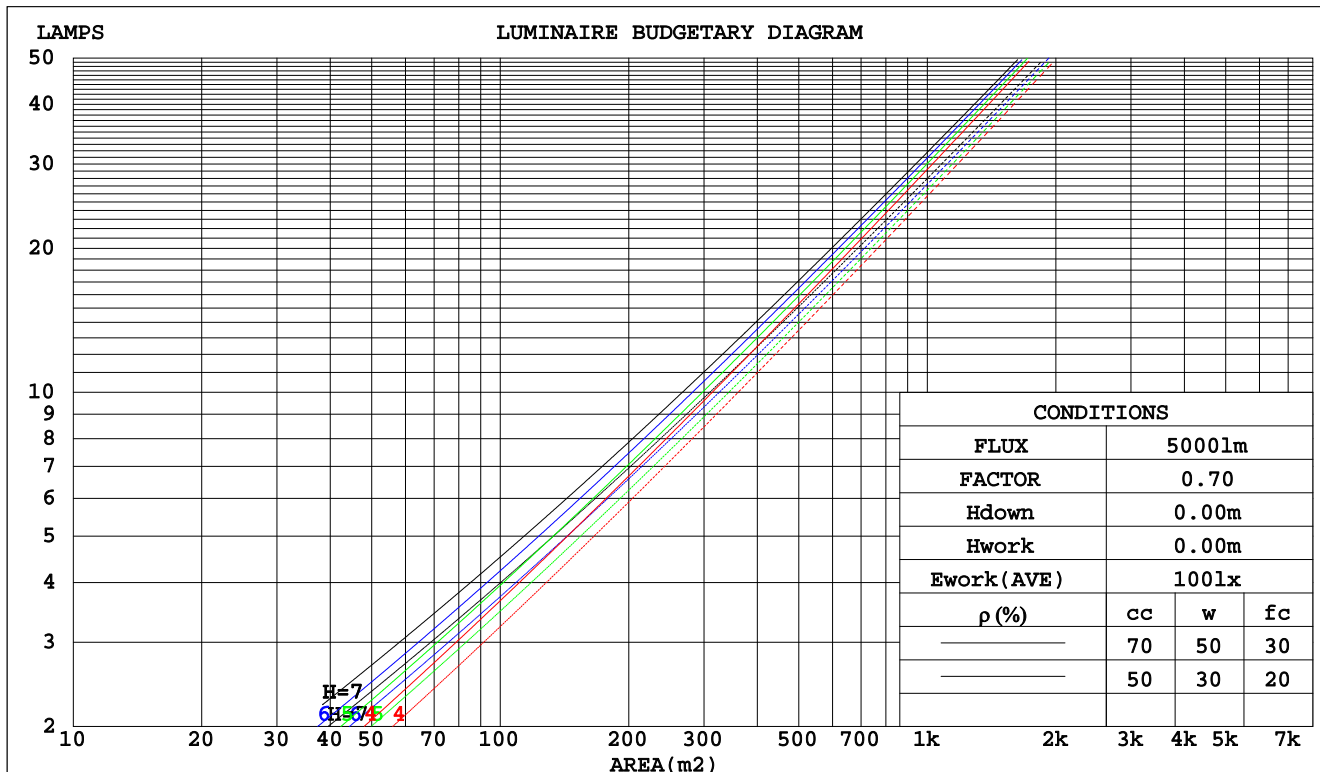
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 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	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	1.03	1.01	.99	.98	.97	.96	.95	.93	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.92	.90	.88	.89	.87	.85	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.83	.81	.84	.81	.79	.77
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.79	.76	.73	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.71	.69	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.66	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.67	.63	.60	.59
8.0	.68	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.56	.53	.52
10.0	.61	.55	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.58	.54	.51	.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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 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	.192	.109	.035	.185	.105	.033	.171	.098	.031	.158	.091	.029	.146	.085	.027	
2.0	.182	.100	.031	.176	.097	.030	.164	.091	.028	.153	.086	.027	.142	.081	.025	
3.0	.172	.091	.027	.166	.089	.027	.156	.085	.026	.146	.080	.025	.138	.076	.024	
4.0	.163	.084	.025	.158	.083	.024	.149	.079	.024	.140	.075	.023	.133	.072	.022	
5.0	.154	.078	.023	.150	.077	.022	.142	.074	.022	.134	.071	.021	.128	.068	.020	
6.0	.146	.073	.021	.142	.072	.021	.135	.069	.020	.129	.067	.020	.123	.065	.019	
7.0	.139	.069	.019	.136	.068	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	
8.0	.132	.065	.018	.129	.064	.018	.124	.062	.018	.118	.060	.017	.113	.058	.017	
9.0	.126	.061	.017	.123	.060	.017	.118	.059	.017	.114	.057	.016	.109	.055	.016	
10.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.054	.015	.105	.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	.033	.017	.014	.011		
5.0	.146	.106	.077	.125	.092	.067	.086	.064	.047	.050	.038	.028	.016	.012	.009		
6.0	.138	.097	.068	.119	.084	.059	.082	.059	.042	.048	.035	.025	.015	.011	.008		
7.0	.132	.090	.060	.113	.078	.052	.078	.054	.037	.045	.032	.022	.015	.010	.007		
8.0	.126	.083	.054	.108	.072	.047	.075	.051	.034	.044	.030	.020	.014	.010	.007		
9.0	.120	.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	.040	.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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 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	23.3	24.3	23.5	24.5	24.7	23.2	24.2	23.5	24.4	24.6	
	3H	23.2	24.1	23.5	24.4	24.6	23.2	24.1	23.5	24.3	24.5
	4H	23.3	24.1	23.6	24.4	24.6	23.2	24.0	23.5	24.3	24.6
	6H	23.3	24.1	23.7	24.4	24.7	23.3	24.1	23.6	24.4	24.7
	8H	23.4	24.2	23.8	24.5	24.8	23.4	24.1	23.7	24.4	24.7
	12H	23.5	24.3	23.9	24.6	24.9	23.5	24.2	23.9	24.6	24.9
4H	2H	23.1	23.9	23.4	24.2	24.5	23.0	23.8	23.3	24.1	24.4
	3H	23.1	23.8	23.5	24.1	24.5	23.0	23.8	23.4	24.1	24.4
	4H	23.2	23.8	23.6	24.2	24.5	23.1	23.8	23.5	24.1	24.5
	6H	23.4	24.0	23.8	24.3	24.7	23.3	23.9	23.8	24.3	24.7
	8H	23.5	24.1	24.0	24.5	24.9	23.5	24.1	24.0	24.5	24.9
	12H	23.8	24.3	24.2	24.7	25.1	23.8	24.3	24.2	24.7	25.1
8H	4H	23.2	23.7	23.6	24.1	24.5	23.1	23.6	23.5	24.0	24.4
	6H	23.5	23.9	23.9	24.4	24.8	23.4	23.9	23.9	24.3	24.8
	8H	23.8	24.1	24.2	24.6	25.1	23.7	24.1	24.2	24.6	25.1
	12H	24.1	24.5	24.6	24.9	25.5	24.2	24.5	24.7	25.0	25.5
12H	4H	23.1	23.6	23.6	24.0	24.5	23.1	23.6	23.5	24.0	24.4
	6H	23.5	23.9	24.0	24.4	24.8	23.5	23.9	24.0	24.3	24.8
	8H	23.8	24.2	24.3	24.7	25.2	23.8	24.2	24.3	24.7	25.2
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 3.8					+ 2.0 / - 3.6					
1.5H	+ 4.1 / - 3.8					+ 4.0 / - 3.6					
2.0H	+ 3.9 / - 1.0					+ 3.9 / - 1.0					

CIE Pub.117 Corrected 750.4 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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

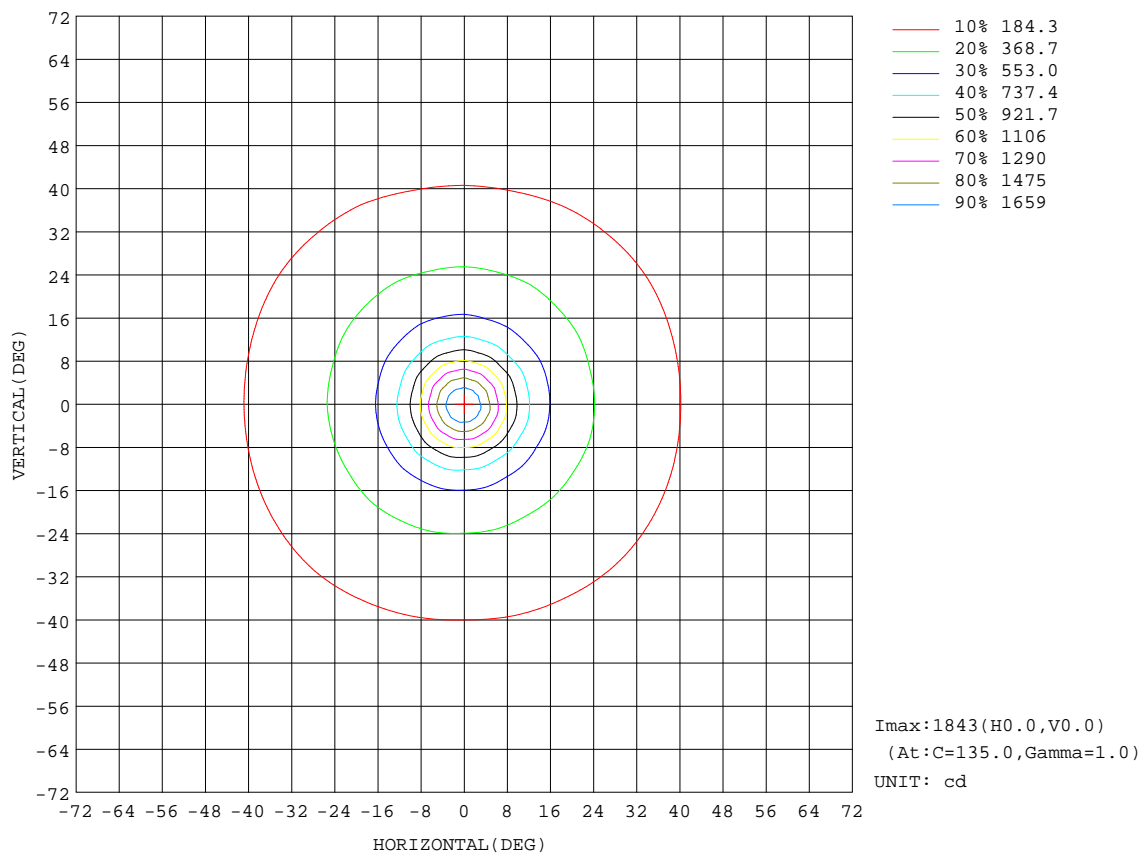
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	82	74	70	81	74	70	80	74	70	66
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	99	93	89	98	93	89	96	91	88	83
1.50	103	97	93	101	96	92	98	94	91	86
2.00	106	101	97	104	100	96	101	97	95	89
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	110	107	104	105	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



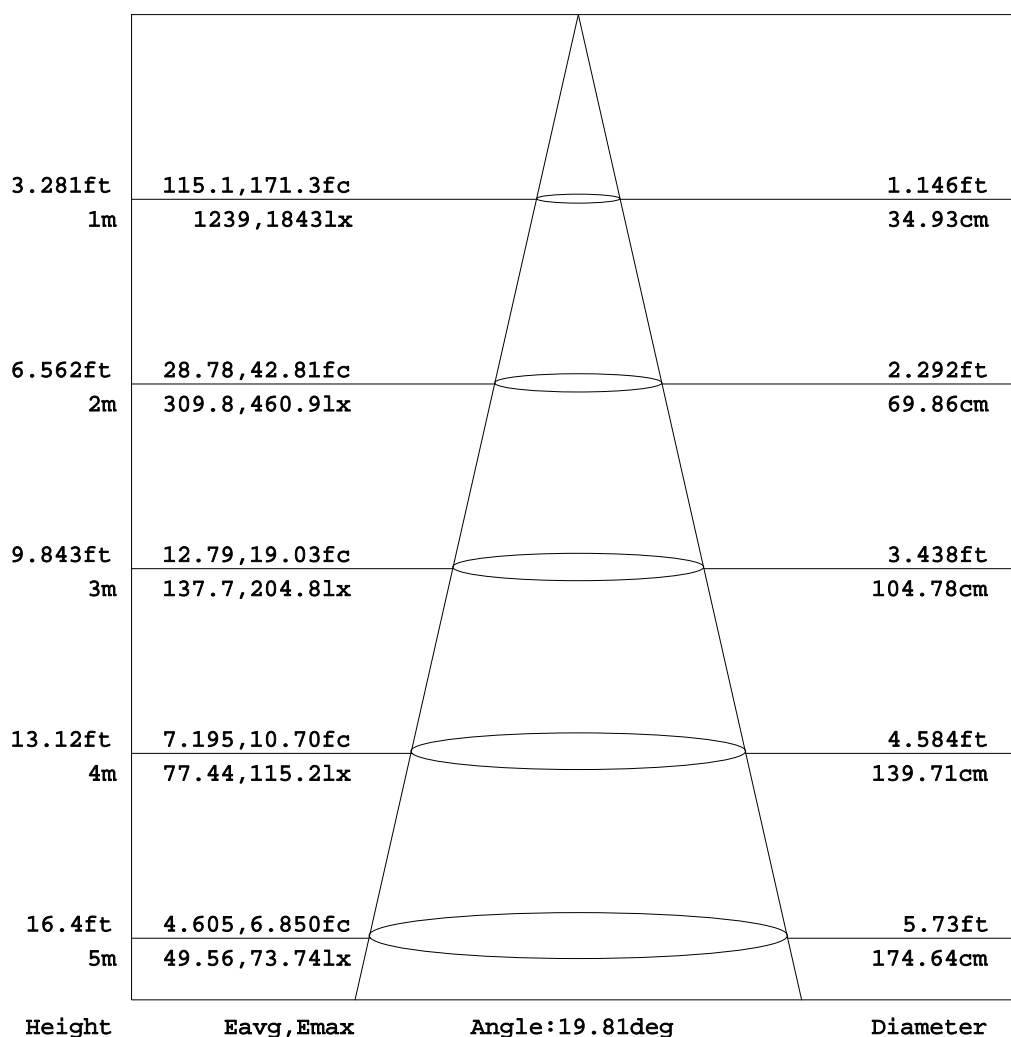
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2015-12-07

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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:121.0 lm



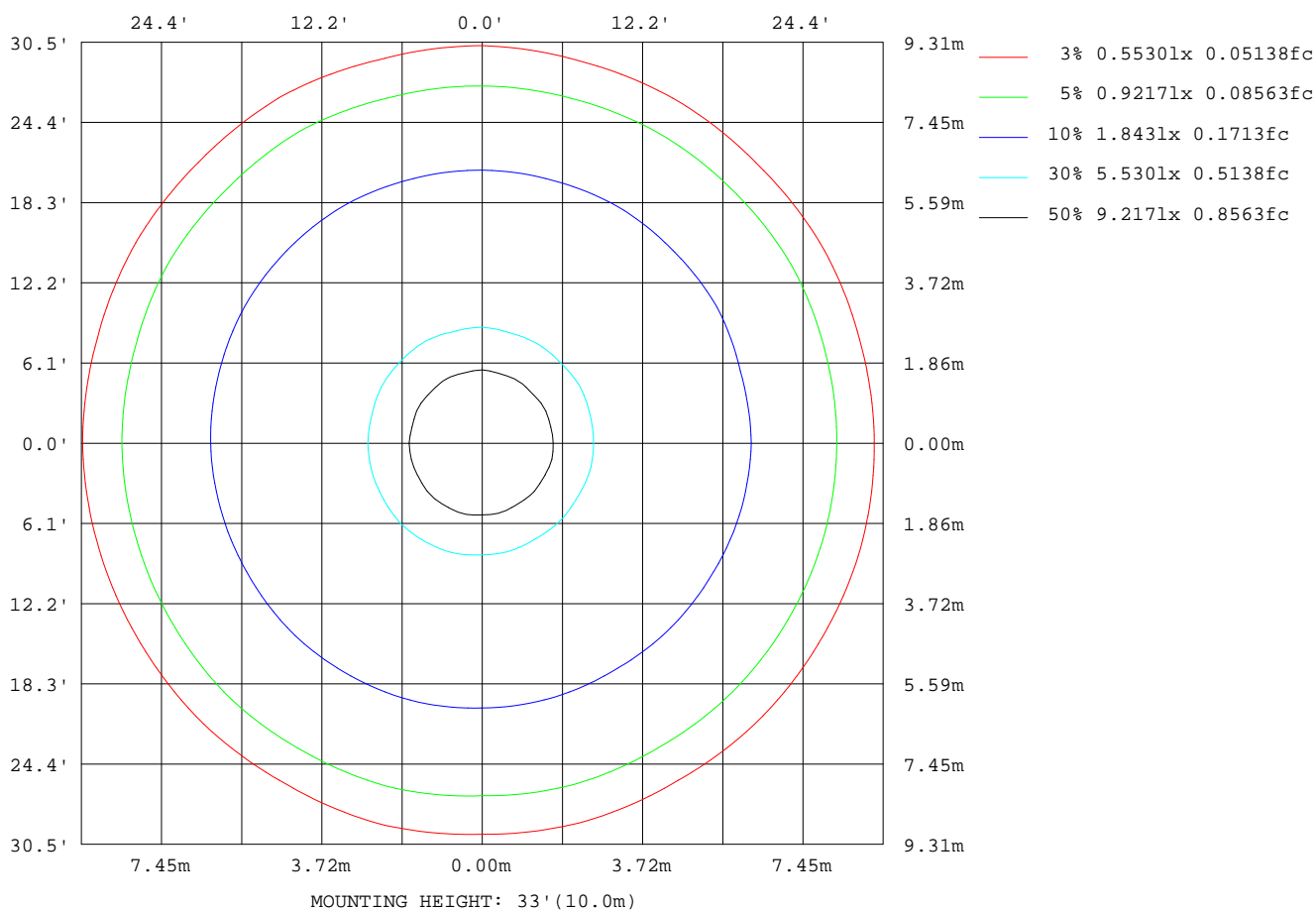
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

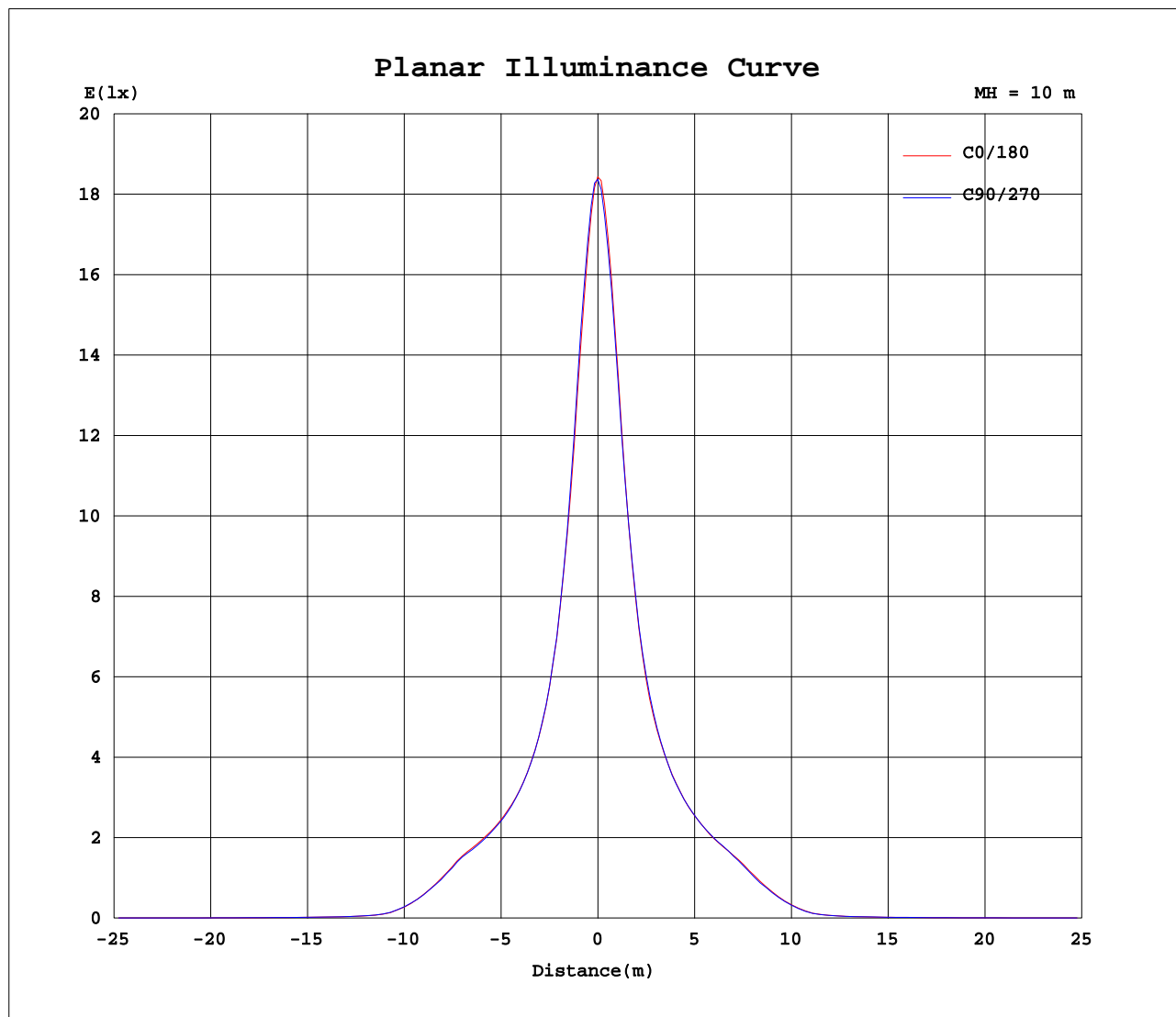
Test:U:226.5V I:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



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:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 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	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838	1838
5	1440	1464	1450	1467	1462	1482	1482	1492	1477	1493	1477	1486	1483	1463	1479	1460	1474	1452	1467
10	899	905	888	896	887	908	907	927	920	933	915	921	923	910	930	919	938	922	932
15	584	583	572	578	573	586	588	601	600	608	600	604	603	601	614	612	622	612	616
20	436	436	428	431	428	436	436	444	445	452	449	454	459	456	462	460	467	460	460
25	358	358	353	352	350	354	355	361	362	367	366	370	373	372	376	376	378	374	375
30	314	313	308	307	305	308	309	313	314	317	317	319	321	322	326	325	326	324	325
35	281	278	275	275	273	277	277	280	278	282	279	281	283	285	287	285	288	282	281
40	187	187	185	184	182	188	185	192	192	199	198	199	202	201	206	202	205	197	195
45	78.2	80.4	79.6	79.3	77.4	81.7	79.6	83.9	82.4	84.5	85.2	90.7	94.3	94.3	95.7	94.9	96.7	90.7	91.7
50	23.3	23.8	23.5	24.1	24.0	24.3	23.9	24.5	24.5	25.8	26.1	26.7	27.0	26.9	27.6	27.2	27.8	26.4	26.6
55	13.9	14.0	14.0	14.1	14.1	14.3	14.0	14.1	14.1	14.7	14.8	15.1	15.3	15.3	15.6	15.4	15.7	15.5	15.6
60	10.1	10.2	10.2	10.4	10.6	10.6	10.3	10.4	10.4	10.7	10.8	10.9	11.0	11.1	11.3	11.2	11.3	11.2	11.2
65	8.06	8.11	8.12	8.29	8.39	8.37	8.17	8.22	8.22	8.42	8.47	8.61	8.67	8.75	8.92	8.85	8.91	8.74	8.68
70	6.71	6.76	6.77	6.86	6.97	7.04	6.95	6.97	6.93	6.97	7.01	7.11	7.17	7.22	7.30	7.23	7.24	7.10	7.02
75	5.69	5.76	5.76	5.81	5.86	5.94	5.93	5.93	5.89	5.92	5.90	5.93	5.97	5.95	5.98	5.95	5.99	5.90	5.81
80	4.96	5.02	5.06	5.08	5.14	5.16	5.18	5.13	5.05	5.04	4.97	4.93	4.93	4.87	4.90	4.93	5.01	4.92	4.85
85	3.94	4.03	4.00	4.09	4.16	4.27	4.31	4.36	4.28	4.21	4.10	4.02	4.04	3.96	3.99	4.03	4.12	4.04	3.96
90	1.20	1.19	1.20	1.19	1.23	1.20	1.20	1.22	1.20	1.24	1.21	1.21	1.39	1.39	1.38	1.38	1.39	1.38	1.38
95	1.22	1.21	1.22	1.22	1.23	1.21	1.22	1.21	1.19	1.21	1.22	1.20	1.49	1.47	1.49	1.47	1.50	1.47	1.49
100	1.30	1.32	1.30	1.32	1.31	1.31	1.30	1.31	1.30	1.31	1.30	1.29	1.64	1.62	1.64	1.62	1.64	1.63	1.64
105	1.50	1.51	1.50	1.51	1.51	1.51	1.49	1.50	1.48	1.49	1.48	1.47	1.82	1.81	1.81	1.82	1.82	1.82	1.81
110	1.74	1.75	1.74	1.75	1.74	1.75	1.74	1.74	1.73	1.73	1.71	1.72	2.02	2.00	2.01	1.99	2.01	2.00	2.01
115	2.00	2.01	2.00	2.01	2.01	2.01	1.99	2.00	1.98	1.99	1.97	1.97	2.24	2.22	2.23	2.22	2.23	2.22	2.24
120	2.29	2.30	2.30	2.30	2.30	2.30	2.29	2.29	2.27	2.27	2.26	2.25	2.51	2.49	2.50	2.48	2.50	2.49	2.50
125	2.65	2.65	2.66	2.66	2.66	2.66	2.65	2.64	2.63	2.62	2.61	2.59	2.84	2.83	2.84	2.83	2.83	2.83	2.84
130	3.12	3.12	3.13	3.12	3.13	3.12	3.12	3.11	3.09	3.08	3.07	3.06	3.28	3.26	3.27	3.26	3.27	3.27	3.28
135	3.66	3.66	3.67	3.66	3.67	3.66	3.65	3.64	3.62	3.62	3.61	3.59	3.77	3.76	3.76	3.75	3.76	3.76	3.76
140	4.13	4.14	4.14	4.15	4.15	4.15	4.13	4.13	4.11	4.11	4.10	4.08	4.22	4.21	4.20	4.20	4.20	4.21	4.21
145	4.49	4.50	4.50	4.50	4.50	4.51	4.49	4.49	4.47	4.47	4.45	4.45	4.55	4.54	4.54	4.53	4.54	4.54	4.54
150	4.73	4.75	4.74	4.75	4.75	4.75	4.73	4.74	4.72	4.73	4.71	4.71	4.79	4.78	4.78	4.77	4.79	4.78	4.79
155	4.96	4.97	4.97	4.98	4.97	4.98	4.97	4.97	4.95	4.96	4.94	4.94	5.02	5.00	5.01	5.00	5.01	5.01	5.02
160	5.20	5.21	5.21	5.22	5.21	5.22	5.21	5.21	5.20	5.20	5.20	5.20	5.25	5.24	5.25	5.24	5.25	5.25	5.25
165	5.42	5.43	5.43	5.43	5.43	5.44	5.42	5.43	5.42	5.43	5.42	5.43	5.46	5.45	5.46	5.45	5.47	5.46	5.47
170	5.56	5.58	5.57	5.58	5.57	5.58	5.57	5.59	5.57	5.59	5.57	5.58	5.61	5.59	5.61	5.59	5.61	5.60	5.61
175	5.61	5.62	5.62	5.63	5.63	5.63	5.63	5.64	5.63	5.64	5.64	5.64	5.65	5.63	5.65	5.64	5.65	5.64	5.65
180	5.66	5.67	5.66	5.67	5.67	5.67	5.67	5.68	5.67	5.68	5.67	5.68	5.67	5.66	5.67	5.66	5.67	5.67	5.67

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.0600A P:10.80W PF:0.7910 Lamp Flux:750.397x1 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	1838	1838	1838	1838	1838													
5	1438	1454	1433	1450	1432													
10	912	916	897	911	896													
15	601	601	594	598	589													
20	452	451	444	445	437													
25	372	371	365	364	359													
30	323	323	320	317	315													
35	281	282	282	283	280													
40	192	194	192	194	190													
45	82.7	83.1	76.7	80.0	76.5													
50	25.5	25.5	25.0	24.6	23.3													
55	15.2	15.1	14.8	14.7	14.1													
60	11.0	10.9	10.8	10.7	10.4													
65	8.53	8.51	8.41	8.42	8.21													
70	6.89	6.84	6.79	6.82	6.76													
75	5.71	5.66	5.65	5.72	5.73													
80	4.76	4.73	4.77	4.88	4.96													
85	3.86	3.85	3.87	4.00	4.02													
90	1.38	1.38	1.40	1.41	1.40													
95	1.48	1.49	1.49	1.51	1.49													
100	1.63	1.64	1.64	1.66	1.64													
105	1.81	1.82	1.82	1.83	1.82													
110	2.00	2.02	2.02	2.03	2.03													
115	2.23	2.25	2.25	2.26	2.26													
120	2.50	2.51	2.52	2.54	2.53													
125	2.85	2.85	2.87	2.88	2.88													
130	3.28	3.29	3.31	3.32	3.33													
135	3.77	3.78	3.80	3.81	3.83													
140	4.22	4.23	4.24	4.25	4.26													
145	4.55	4.55	4.57	4.58	4.58													
150	4.79	4.80	4.81	4.82	4.81													
155	5.02	5.02	5.03	5.04	5.03													
160	5.25	5.26	5.26	5.27	5.27													
165	5.47	5.47	5.47	5.48	5.47													
170	5.61	5.61	5.61	5.62	5.61													
175	5.65	5.65	5.65	5.65	5.64													
180	5.68	5.67	5.68	5.68	5.67													

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: