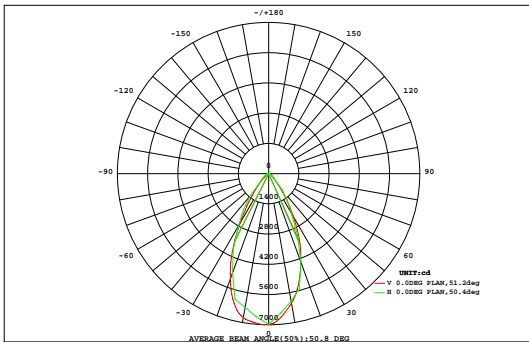


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:89.00lm/W	
MODEL	F4060	I _{max} (cd)	6993
NOMINAL POWER(W)	63.1	AVAILABILITY(%)	89.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	5016
NOMINAL FLUX(lm)	5615.94	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	5616
TEST VOLTAGE(V)	208.5	θ @50%(H,V)	51,50DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a			
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90	0.00	0.00	0.01	0.04	0.12	0.26	0.41	0.53	0.62	0.67	0.68	0.62	0.50	0.34	0.19	0.08	0.02	0.00	5.08	0.00			
80	0.00	0.01	0.11	0.39	0.82	1.37	1.94	2.44	2.78	2.91	2.80	2.40	1.85	1.24	0.71	0.31	0.08	0.01	22.2	0.00			
70	0.00	0.04	0.26	0.79	1.59	2.65	3.89	5.12	5.98	6.28	5.87	4.81	3.47	2.22	1.24	0.53	0.14	0.01	44.9	0.00			
60	0.00	0.08	0.48	1.30	2.61	4.56	7.13	9.85	11.8	12.3	11.2	8.73	5.84	3.48	1.84	0.79	0.21	0.02	82.2	0.00			
50	0.00	0.13	0.69	1.85	4.02	8.40	17.0	30.2	42.4	45.9	38.3	24.3	12.2	5.61	2.58	1.05	0.28	0.02	235	184			
40	0.01	0.18	0.89	2.41	5.63	13.7	32.9	62.9	87.4	92.0	74.8	46.0	20.9	8.02	3.27	1.26	0.33	0.02	453	414			
30	0.01	0.23	1.07	2.97	7.73	22.7	62.5	120	160	163	130	80.0	33.9	10.8	3.89	1.42	0.36	0.03	800	769			
20	0.01	0.26	1.17	3.31	9.18	30.0	84.2	153	192	191	153	95.8	41.4	12.6	4.16	1.48	0.37	0.03	974	945			
10	0.02	0.28	1.23	3.52	10.1	34.3	94.7	167	204	201	161	101	42.7	12.6	4.15	1.47	0.37	0.03	1039	1010			
0	0.02	0.28	1.21	3.41	9.41	30.1	80.7	142	178	174	137	82.3	33.3	10.3	3.71	1.35	0.33	0.02	887	858			
-10	0.01	0.26	1.09	2.97	7.56	21.2	51.9	90.2	114	112	86.1	49.8	20.4	7.48	3.04	1.15	0.28	0.02	569	536			
-20	0.01	0.22	0.94	2.44	5.53	12.4	26.4	45.1	58.0	57.2	43.0	24.1	11.0	5.18	2.40	0.94	0.22	0.01	295	252			
-30	0.01	0.18	0.75	1.85	3.76	7.02	11.8	16.1	18.1	16.5	12.7	8.59	5.55	3.31	1.70	0.68	0.14	0.01	109	47.6			
-40	0.01	0.13	0.53	1.29	2.46	4.13	6.19	8.11	9.19	8.90	7.49	5.59	3.71	2.23	1.16	0.44	0.09	0.00	61.6	0.00			
-50	0.00	0.07	0.32	0.77	1.39	2.08	2.70	3.11	3.21	3.11	2.89	2.45	1.86	1.22	0.64	0.23	0.04	0.00	26.1	0.00			
-60	0.00	0.03	0.14	0.35	0.66	1.00	1.29	1.49	1.55	1.50	1.36	1.11	0.82	0.50	0.22	0.06	0.01	0.00	12.1	0.00			
-70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	0.12	2.39	10.9	29.6	72.6	196	486	857	1089	1088	869	537	239	87.2	34.9	13.3	3.27	0.23	5616	---			
	0.00	0.00	0.00	0.00	9.31	129	437	822	1050	1046	828	494	179	20.7	0.00	0.00	0.00	0.00	---	5016			

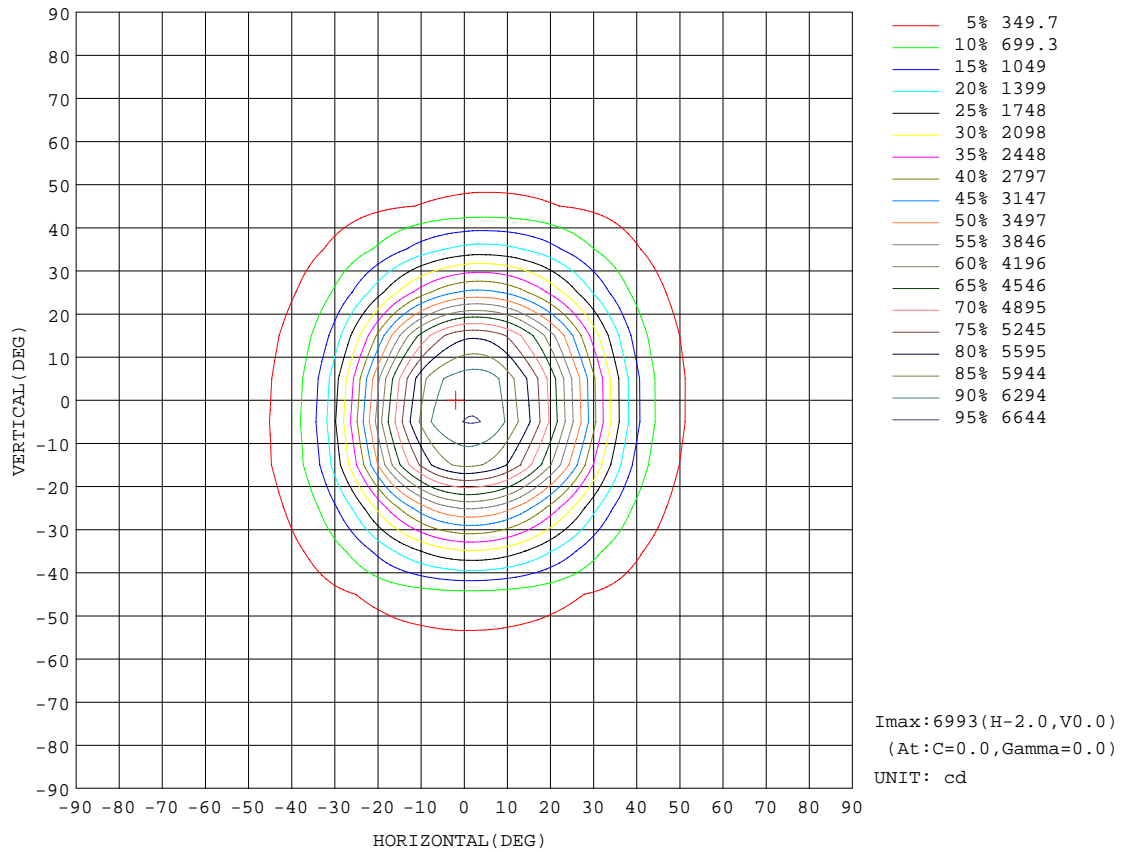
one-half-peak spread: U:26.7,D:23.7 , L:24.9,R:26.5 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-06-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:

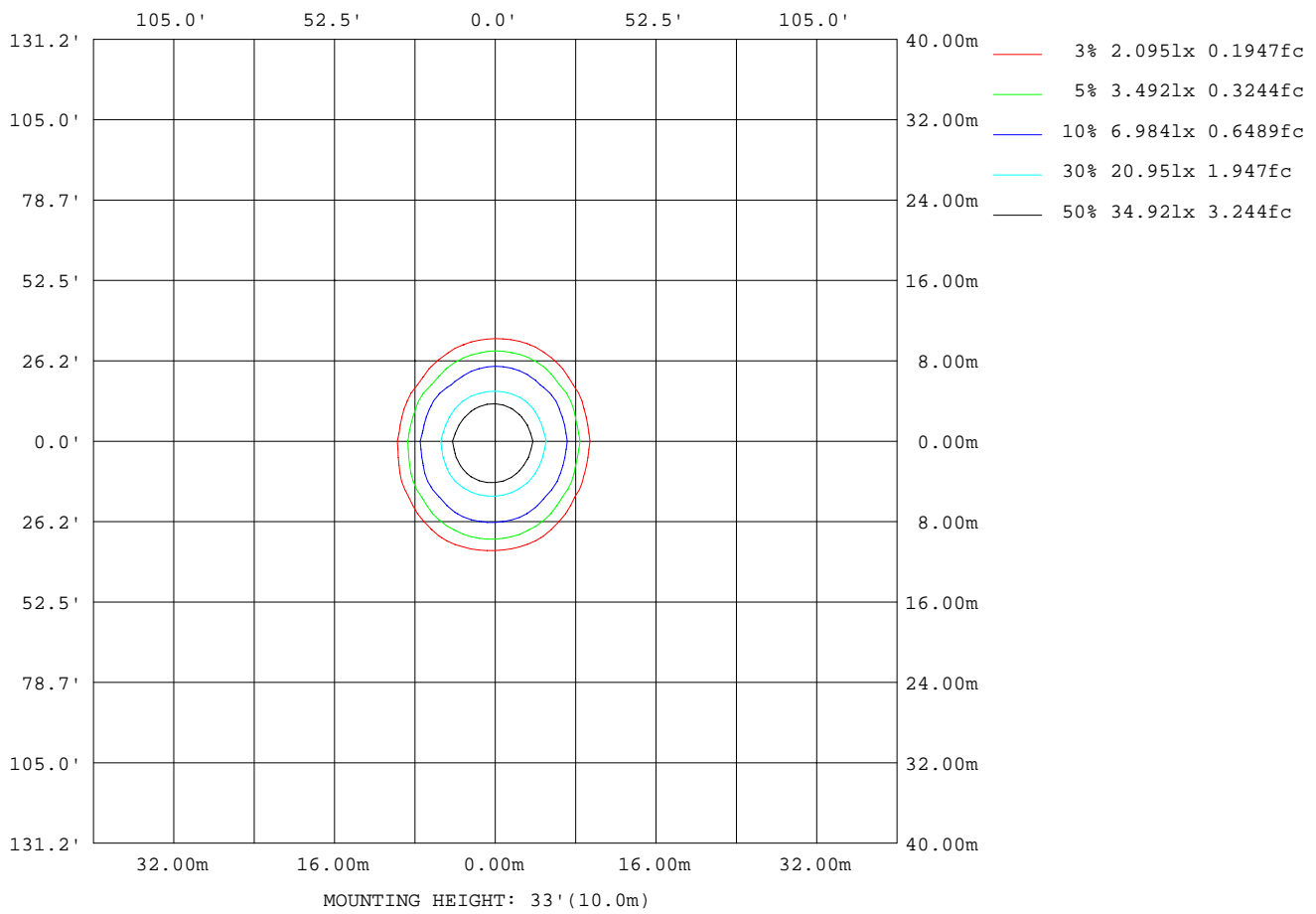


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YaoPeng
 Test Date:2013-06-06

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.370m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:

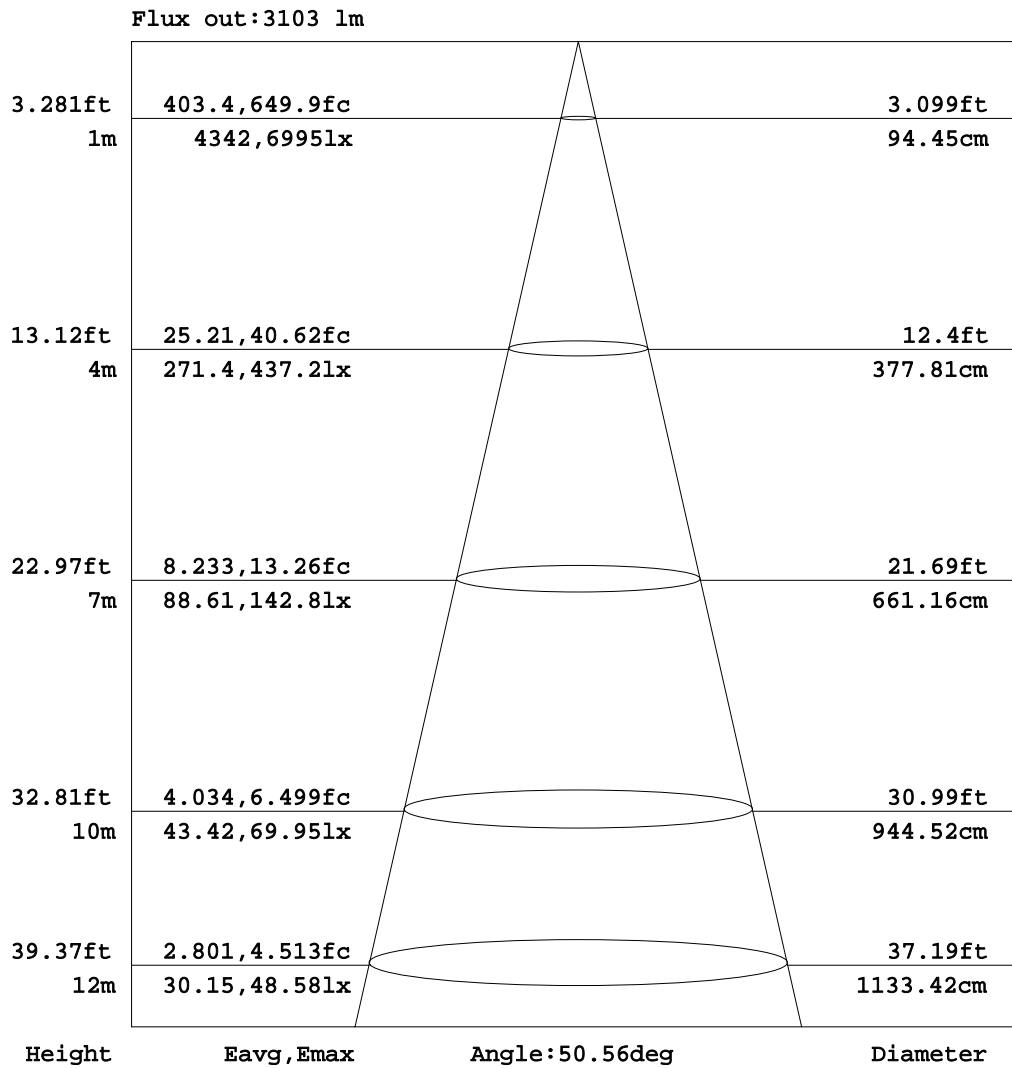


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YaoPeng
 Test Date:2013-06-06

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.370m [K=1.0000]
 Remarks:

AAI Figure

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:

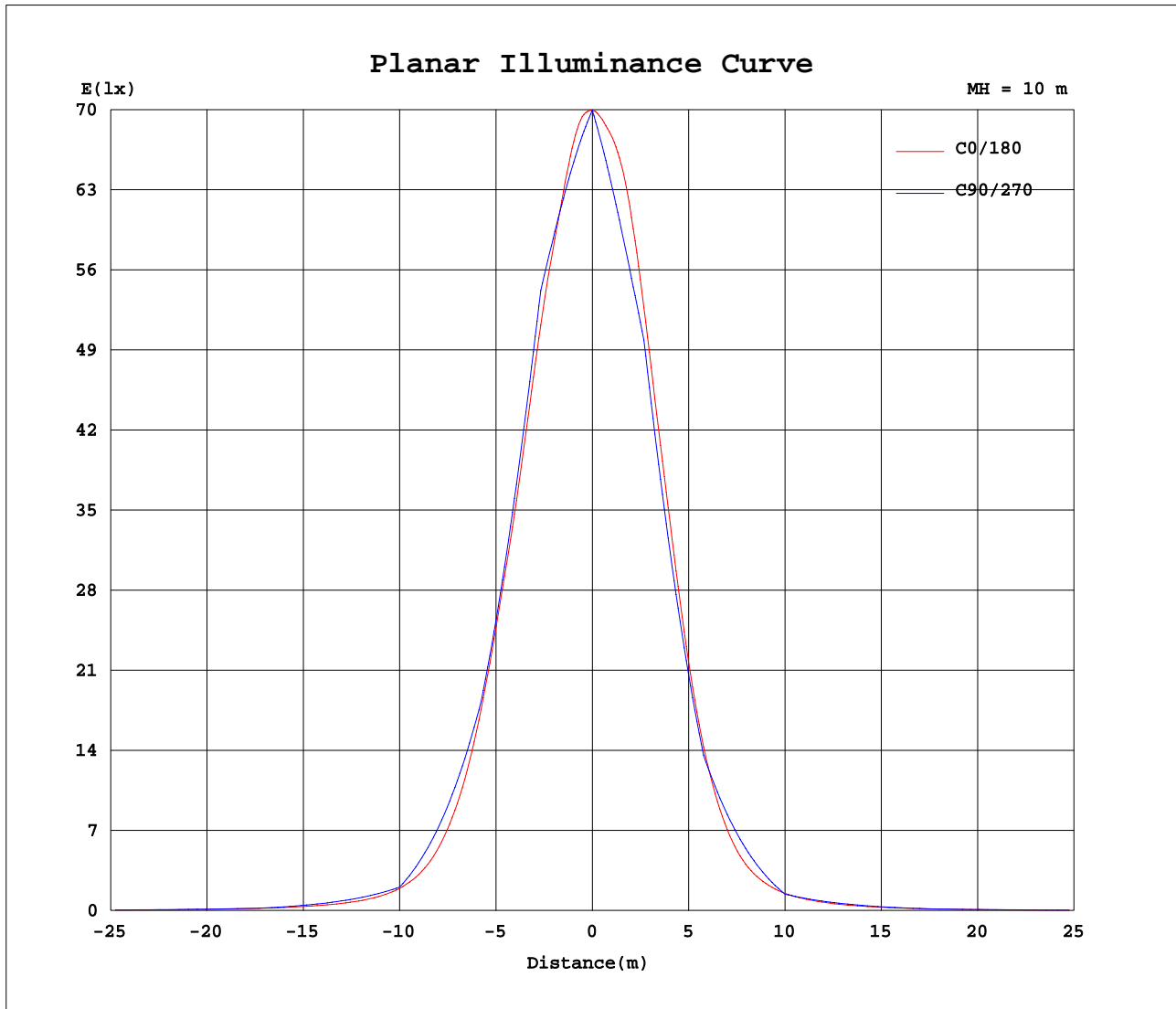


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-06-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-06-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	0.18	0.21	0.38	1.61	4.23	7.89	11.5	16.1	22.1	27.6	32.5	37.0	41.1	44.5	47.3	49.3	50.8	51.3	50.8
-70	0.20	0.45	2.46	6.80	12.6	19.2	26.0	34.2	42.6	50.5	58.4	65.9	72.8	79.0	84.2	87.7	89.7	90.2	89.4
-65	0.16	0.22	0.88	4.97	11.3	19.8	29.5	39.1	49.7	60.7	71.8	82.8	93.6	104	113	121	126	129	129
-60	0.19	0.75	4.98	13.3	23.3	36.0	48.1	60.9	74.4	88.5	103	117	131	143	155	162	167	169	168
-55	0.14	0.20	1.52	8.85	19.5	33.1	48.1	64.0	81.6	102	124	148	176	206	235	263	283	299	306
-50	0.15	1.07	8.73	21.2	37.1	54.3	73.3	95.1	120	149	183	224	270	315	360	397	426	443	440
-45	0.13	0.14	2.31	13.3	28.8	47.8	67.6	90.9	118	150	188	234	289	352	413	475	523	562	581
-40	0.13	1.49	12.2	28.7	49.3	71.5	98.1	131	172	227	302	410	555	739	933	1106	1240	1314	1317
-35	0.13	0.17	3.27	16.9	36.7	59.1	85.1	117	158	213	291	407	584	826	1144	1465	1749	1957	2061
-30	0.14	2.01	15.4	35.8	59.7	87.6	123	168	229	320	457	675	987	1415	1873	2288	2609	2783	2796
-25	0.12	0.16	4.41	19.7	42.9	68.6	100	141	196	277	406	625	1000	1524	2175	2813	3341	3712	3876
-20	0.12	2.64	17.1	40.0	66.5	99.0	141	199	286	427	685	1145	1825	2666	3515	4204	4703	4934	4899
-15	0.11	0.11	5.73	21.9	47.5	76.2	113	161	231	341	530	889	1536	2444	3507	4520	5300	5827	6025
-10	0.11	3.02	17.6	41.9	70.0	105	151	217	321	495	834	1460	2388	3522	4623	5511	6091	6320	6295
-5	0.11	0.12	5.60	21.3	47.2	76.5	114	163	237	354	563	975	1713	2764	3998	5123	6010	6490	6651
0	0.11	3.15	17.1	41.5	70.2	106	153	221	332	522	904	1618	2675	3981	5198	6208	6772	6939	6984
5	0.10	0.11	5.05	19.9	45.1	73.8	110	158	228	339	535	922	1604	2604	3787	4894	5790	6282	6476
10	0.10	2.57	15.2	37.8	65.0	98.1	141	201	294	447	743	1265	2089	3115	4164	5070	5662	5958	6002
15	0.09	0.09	4.08	17.6	41.2	68.2	101	145	204	297	447	729	1207	1963	2875	3834	4641	5202	5501
20	0.09	1.82	12.7	32.1	57.2	86.3	123	172	244	355	556	886	1423	2097	2844	3520	4015	4318	4374
25	0.09	0.10	2.65	13.7	32.8	56.9	84.5	119	165	229	325	487	747	1139	1615	2146	2627	2987	3199
30	0.09	0.90	9.42	24.4	46.7	70.6	99.8	136	184	248	343	482	679	929	1235	1561	1833	2021	2099
35	0.08	0.09	1.43	9.77	24.2	44.2	66.6	93.0	126	167	223	301	413	566	752	977	1200	1381	1500
40	0.08	0.43	5.86	16.8	33.4	53.0	74.8	101	132	172	224	293	385	495	625	755	864	940	973
45	0.07	0.07	0.43	5.63	15.2	30.2	47.6	66.2	87.2	111	140	171	206	245	287	327	358	384	403
50	0.07	0.17	2.93	9.83	20.8	34.7	50.3	67.6	86.7	109	133	159	188	219	249	274	294	308	316
55	0.07	0.07	0.25	2.52	7.87	16.8	27.6	41.1	55.3	70.5	87.2	105	124	143	164	183	198	210	219
60	0.07	0.12	0.63	3.39	8.86	15.8	26.3	37.3	48.0	58.8	69.6	80.3	90.5	100	109	116	122	126	129
65	0.08	0.08	0.13	0.68	2.86	6.87	12.2	20.0	27.9	35.8	44.0	52.5	60.6	68.2	75.5	81.9	87.0	91.2	94.0
70	0.08	0.10	0.27	1.21	3.18	5.94	10.3	15.4	20.5	25.9	32.0	37.7	42.9	47.9	52.3	55.9	58.8	60.8	62.4
75	0.09	0.09	0.09	0.09	0.15	0.41	1.26	2.68	4.90	7.19	10.1	13.9	17.0	19.7	22.2	24.2	25.9	27.3	28.2
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-06-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Feelight Tech. Co., Limited	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-75	50.2	49.6	48.0	45.7	43.0	39.7	35.7	31.4	26.5	20.4	15.0	10.9	6.60	3.78	2.04	1.67	1.60	1.58	
-70	87.9	85.2	81.3	76.1	69.6	62.7	55.2	47.3	38.7	30.4	23.1	15.8	9.51	5.29	2.53	1.42	1.33	1.25	
-65	128	125	121	115	107	96.9	86.7	75.9	64.8	53.5	42.7	32.7	22.0	13.3	7.13	2.69	1.13	1.06	
-60	164	159	151	141	128	115	101	86.8	72.8	59.2	46.1	32.4	20.0	11.4	4.14	1.01	0.81	0.78	
-55	303	290	271	247	219	192	164	138	114	93.3	74.0	56.8	40.1	25.6	13.8	5.27	1.12	0.70	
-50	422	392	353	309	266	223	184	150	122	96.2	74.2	54.2	36.5	20.5	9.28	2.01	0.61	0.57	
-45	574	544	498	442	382	324	267	216	174	140	109	83.3	60.9	40.6	21.9	9.42	1.58	0.49	
-40	1251	1129	964	781	596	441	322	240	183	138	105	76.5	52.8	31.1	14.8	3.65	0.45	0.37	
-35	2044	1916	1698	1415	1106	799	561	390	280	206	153	114	82.1	55.9	32.5	14.7	3.16	0.32	
-30	2649	2369	1986	1555	1116	766	515	355	256	186	137	99.4	68.9	43.0	20.6	5.93	0.33	0.17	
-25	3824	3595	3189	2674	2100	1500	1002	630	404	274	195	141	101	68.8	41.6	19.1	4.69	0.25	
-20	4664	4199	3577	2882	2116	1416	869	523	335	232	164	117	80.4	51.0	25.1	8.02	0.44	0.08	
-15	5914	5581	4971	4218	3365	2429	1588	937	548	345	235	166	117	79.4	49.3	22.8	6.17	0.28	
-10	6004	5439	4691	3814	2864	1921	1159	663	400	266	185	130	89.4	57.2	28.9	9.98	0.57	0.06	
-5	6612	6233	5634	4833	3894	2906	1917	1138	644	388	258	179	125	85.3	53.5	25.5	7.74	0.28	
0	6668	6091	5327	4351	3362	2283	1387	775	450	291	200	139	95.8	61.6	32.0	11.8	0.71	0.13	
5	6471	6109	5531	4755	3830	2860	1891	1128	642	389	260	181	127	86.6	54.7	26.6	8.53	0.33	
10	5746	5222	4532	3683	2761	1864	1135	657	402	270	188	133	92.0	59.6	31.2	11.7	0.87	0.09	
15	5489	5209	4662	3987	3172	2291	1511	906	542	348	240	170	121	83.3	52.8	26.0	8.55	0.43	
20	4206	3818	3298	2665	1963	1336	835	515	337	236	169	122	85.1	55.5	29.1	11.2	0.93	0.09	
25	3227	3085	2776	2370	1877	1372	939	605	399	277	200	147	106	74.1	47.1	23.3	7.80	0.40	
30	2047	1879	1626	1297	970	700	488	348	256	190	143	106	75.0	49.4	25.8	10.2	0.89	0.12	
35	1534	1483	1351	1162	929	704	517	371	276	207	157	119	88.3	62.3	39.1	19.7	6.53	0.37	
40	953	888	787	657	521	402	305	234	182	142	110	82.5	59.5	38.1	20.3	7.62	0.74	0.03	
45	410	404	389	362	329	288	245	206	170	139	112	88.2	66.9	47.8	29.0	15.3	4.72	0.36	
50	314	305	287	264	235	203	173	145	120	98.0	78.0	59.6	43.0	27.1	14.7	5.26	0.55	0.03	
55	223	221	215	204	188	169	149	129	110	92.0	75.4	60.2	45.3	31.6	19.7	10.1	3.06	0.25	
60	130	129	126	119	112	103	92.4	81.7	70.5	59.4	48.4	37.0	25.5	16.5	9.07	3.10	0.31	0.12	
65	96.0	96.8	96.0	93.4	88.6	82.8	76.0	68.4	60.1	51.4	42.7	34.6	25.8	17.4	11.1	5.47	1.64	0.20	
70	63.5	63.5	62.5	59.9	56.4	52.3	47.4	41.9	35.7	29.5	24.0	18.4	12.4	7.91	4.13	1.40	0.27	0.09	
75	29.4	30.5	30.8	30.8	29.9	28.6	26.8	24.5	21.3	17.5	14.0	11.3	8.44	5.27	3.26	1.40	0.45	0.20	
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YaoPeng
Test Date:2013-06-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.370m [K=1.0000]
Remarks: