

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		524.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I <sub>max</sub> At 50% of I <sub>max</sub> At 90% of I <sub>max</sub>	128.5V x 83.6H 107.0V x 63.9H 93.4V x 44.6H
Beam Flux	Total To 10% of I <sub>max</sub> To 50% of I <sub>max</sub> To 90% of I <sub>max</sub>	997.3 lumens per klm. 963.6 lumens per klm. 738.9 lumens per klm. 64.8 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

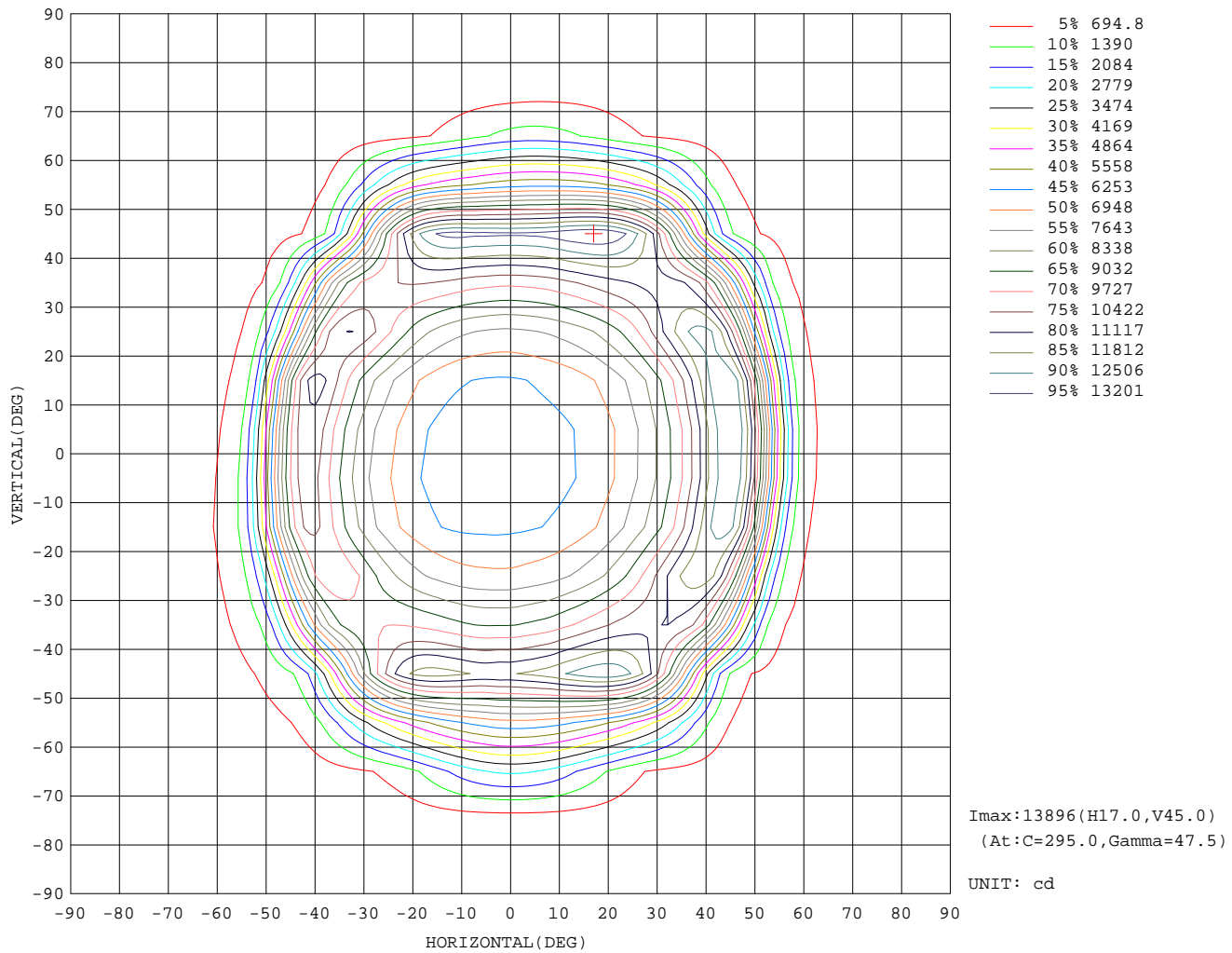
---

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:YangWenPeng  
Test Date:2018-08-02

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:12.380m [K=1.0000]  
Remarks:



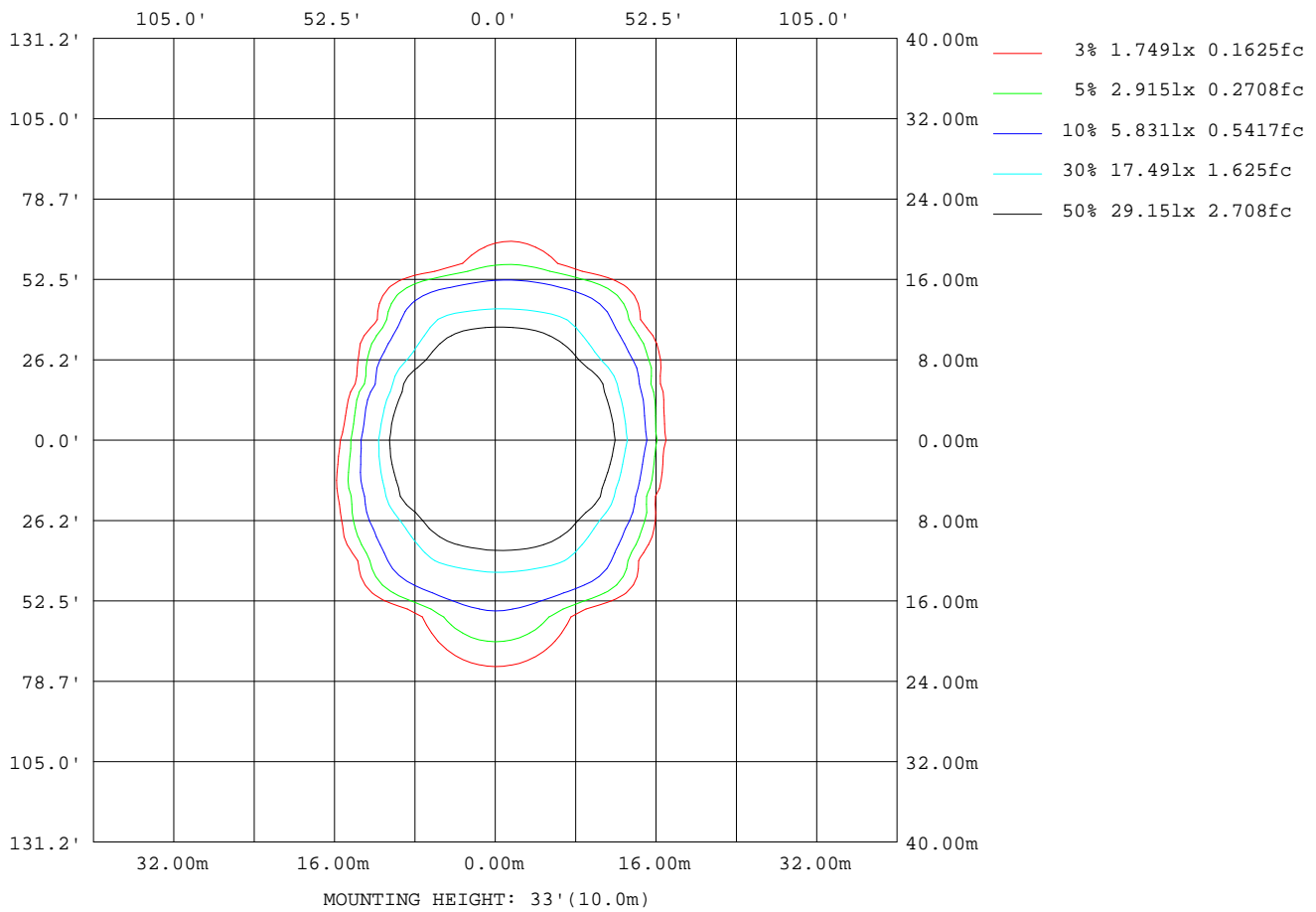
ISOCANDELA DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:YangWenPeng  
 Test Date:2018-08-02

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:12.380m [K=1.0000]  
 Remarks:

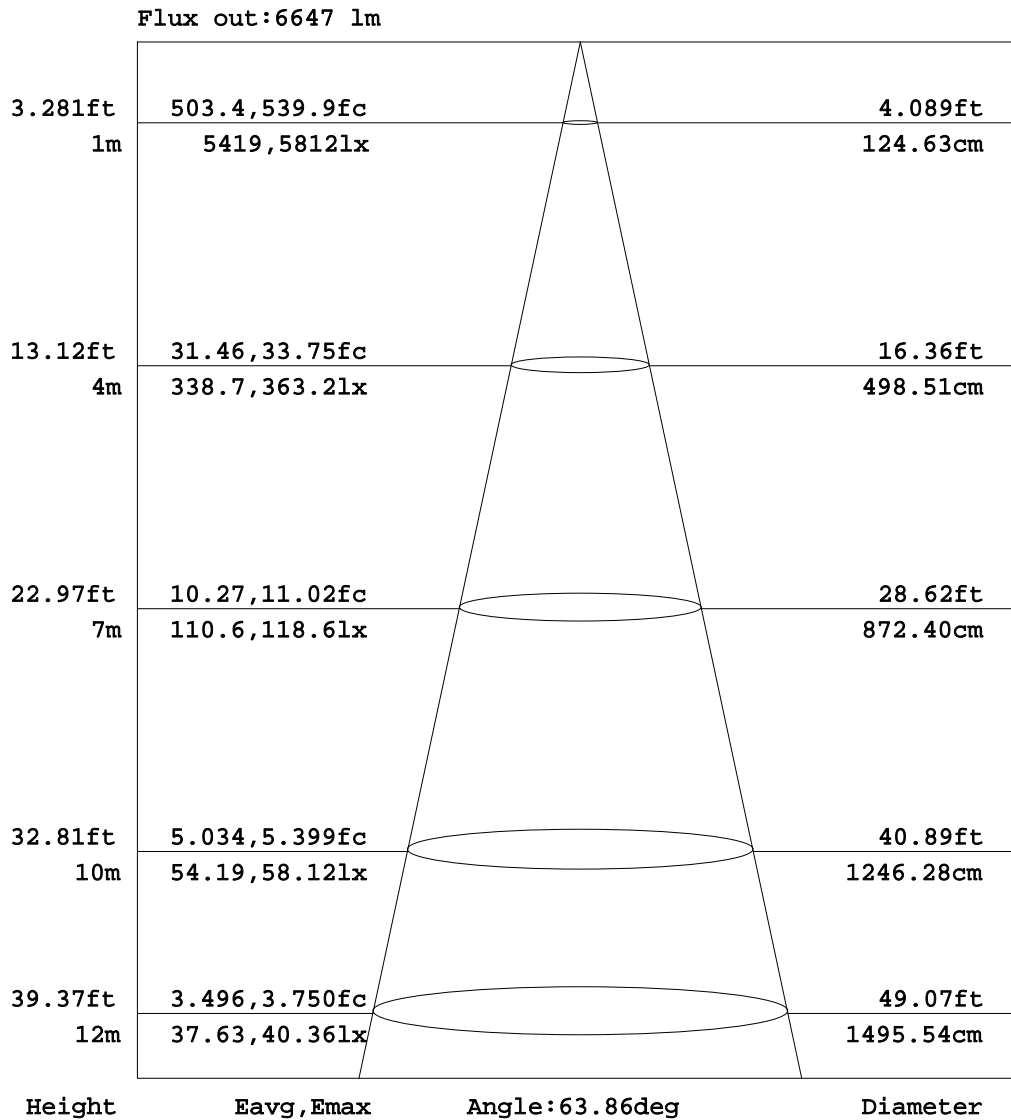
ISOLUX DIAGRAM



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:YangWenPeng  
 Test Date:2018-08-02

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:12.380m [K=1.0000]  
 Remarks:

AAI Figure

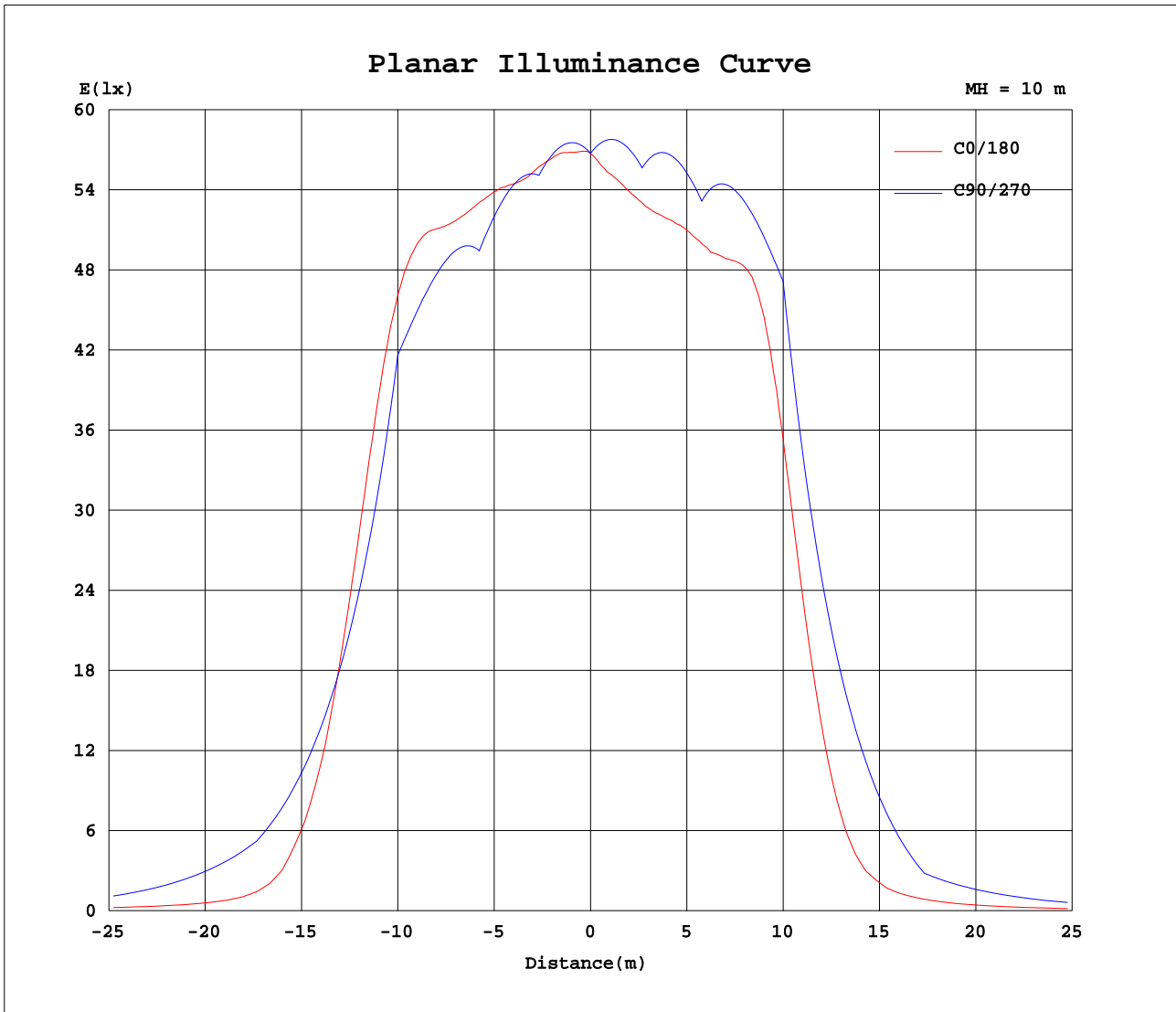


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:YangWenPeng  
 Test Date:2018-08-02

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:12.380m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:YangWenPeng  
 Test Date:2018-08-02

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:12.380m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT:  $\times 10\text{cd}$ 

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	0.08	0.20	2.27	4.24	6.71	8.74	10.2	11.8	13.6	15.6	17.3	19.0	21.0	24.2	27.1	28.6	29.7	30.3	30.5
-70	0.08	0.38	2.83	5.49	8.97	11.6	14.1	16.7	19.5	23.1	27.6	33.9	41.9	54.2	75.8	105	133	153	160
-65	0.09	0.57	3.39	6.74	11.2	14.6	18.0	21.6	25.4	30.5	37.9	48.7	62.7	84.3	125	182	237	275	289
-60	0.09	0.75	3.94	7.99	13.5	17.5	21.9	26.4	31.3	38.0	48.3	63.6	83.6	114	173	258	341	398	419
-55	0.08	0.99	4.55	9.46	15.6	20.9	27.3	36.1	48.9	68.6	119	219	332	431	512	576	624	656	672
-50	0.08	1.22	5.16	10.9	17.8	24.2	32.8	45.9	66.5	99.2	189	375	581	748	851	894	907	913	924
-45	0.08	1.46	5.77	12.4	19.9	27.6	38.2	55.6	84.1	130	260	530	829	1065	1191	1212	1191	1171	1177
-40	0.08	1.67	6.38	13.6	21.7	30.9	45.5	72.0	127	268	482	714	895	1018	1078	1077	1052	1035	1038
-35	0.08	1.88	6.99	14.8	23.5	34.1	52.9	88.4	170	406	703	898	961	972	965	942	914	899	900
-30	0.08	2.09	7.60	16.0	25.4	37.3	60.2	105	213	544	924	1083	1027	925	852	807	776	763	761
-25	0.08	2.25	8.17	16.7	26.5	39.5	65.6	123	304	669	969	1033	955	859	790	748	721	712	711
-20	0.09	2.40	8.74	17.4	27.6	41.7	71.0	140	394	795	1013	984	883	793	728	689	667	661	661
-15	0.09	2.55	9.31	18.1	28.7	43.9	76.4	158	485	920	1058	935	811	727	666	630	613	610	611
-10	0.09	2.55	9.25	17.9	28.5	43.3	74.1	158	506	946	1057	920	797	714	654	616	598	593	597
-5	0.09	2.55	9.18	17.7	28.3	42.7	71.8	159	527	972	1056	904	783	702	641	602	583	576	582
0	0.09	2.56	9.12	17.5	28.2	42.0	69.6	159	547	998	1056	889	769	690	628	588	568	560	567
5	0.09	2.35	8.88	17.0	27.4	40.3	64.6	140	491	959	1084	935	807	721	655	612	589	579	584
10	0.09	2.14	8.64	16.5	26.6	38.6	59.6	120	435	920	1112	982	844	752	683	636	610	599	601
15	0.09	1.94	8.40	16.1	25.8	36.9	54.6	101	379	881	1140	1029	881	783	710	660	631	619	617
20	0.09	1.56	7.81	15.0	24.2	34.4	49.5	85.3	285	692	1015	1063	985	884	798	739	704	688	684
25	0.09	1.18	7.22	14.0	22.6	31.9	44.4	70.0	191	504	890	1098	1089	985	885	818	777	758	751
30	0.09	0.80	6.62	13.0	21.0	29.4	39.3	54.7	96.5	316	765	1132	1193	1087	973	896	850	828	818
35	0.09	0.76	6.06	12.0	19.3	26.9	35.6	48.0	78.7	230	543	843	988	1033	1048	1039	1015	998	990
40	0.09	0.72	5.49	11.0	17.6	24.3	31.9	41.3	61.0	144	320	554	782	980	1124	1181	1180	1168	1161
45	0.09	0.68	4.92	9.96	15.8	21.8	28.2	34.7	43.2	57.7	97.9	264	577	926	1200	1323	1346	1338	1333
50	0.09	0.62	3.95	8.44	13.6	18.7	24.0	29.5	36.4	47.4	75.7	189	400	637	825	916	945	956	964
55	0.09	0.56	2.97	6.91	11.3	15.7	19.8	24.4	29.6	37.0	53.5	113	224	347	449	509	545	574	594
60	0.09	0.50	1.99	5.39	8.99	12.6	15.6	19.3	22.8	26.7	31.4	37.8	47.1	57.4	73.4	102	145	192	225
65	0.09	0.41	1.62	4.03	6.70	9.72	12.4	15.5	18.5	21.6	25.1	29.8	36.6	44.8	56.4	76.2	105	136	159
70	0.08	0.33	1.26	2.67	4.40	6.87	9.10	11.7	14.1	16.5	18.8	21.7	26.2	32.2	39.4	50.2	65.0	80.3	92.3
75	0.08	0.24	0.89	1.31	2.11	4.02	5.85	7.84	9.72	11.4	12.5	13.7	15.7	19.5	22.4	24.1	24.8	24.7	25.7
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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:YangWenPeng  
Test Date:2018-08-02

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:12.380m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: ×10cd

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	30.6	30.5	30.0	29.2	28.0	24.9	21.7	20.3	18.8	16.5	14.0	11.2	8.26	5.64	3.50	1.49	1.11	0.98	
-70	154	137	110	81.5	56.9	41.5	33.4	28.3	24.7	21.4	18.5	15.5	12.1	8.97	5.85	2.67	1.18	0.85	
-65	278	243	190	134	85.8	58.1	45.0	36.3	30.6	26.4	23.0	19.7	15.9	12.3	8.21	3.84	1.24	0.72	
-60	401	349	271	186	115	74.6	56.7	44.3	36.5	31.3	27.5	23.9	19.7	15.6	10.6	5.02	1.31	0.59	
-55	667	646	608	559	490	401	282	153	69.2	42.6	34.3	28.8	23.6	18.5	12.7	6.14	1.84	0.52	
-50	933	942	946	932	866	726	507	261	102	54.0	41.1	33.7	27.6	21.4	14.8	7.26	2.36	0.45	
-45	1198	1239	1284	1305	1242	1052	732	369	135	65.3	47.9	38.6	31.5	24.3	16.9	8.38	2.88	0.38	
-40	1058	1094	1139	1173	1161	1081	912	654	373	165	65.9	44.4	34.9	26.8	18.8	9.41	3.47	0.36	
-35	918	949	993	1040	1080	1109	1092	938	612	265	83.9	50.2	38.4	29.3	20.7	10.4	4.05	0.33	
-30	778	804	847	908	1000	1137	1272	1223	850	364	102	56.0	41.8	31.8	22.6	11.5	4.64	0.30	
-25	726	749	789	846	931	1053	1189	1222	990	535	169	64.8	44.8	33.6	23.9	12.3	5.13	0.31	
-20	674	694	730	784	862	968	1106	1220	1131	705	236	73.6	47.7	35.3	25.2	13.2	5.63	0.32	
-15	621	639	671	722	793	884	1023	1218	1271	876	303	82.4	50.7	37.1	26.5	14.1	6.13	0.33	
-10	606	624	654	701	771	861	995	1190	1282	952	368	93.5	53.0	38.3	27.6	15.0	6.65	0.37	
-5	590	608	636	680	749	839	968	1161	1293	1028	432	105	55.4	39.6	28.6	15.9	7.16	0.40	
0	575	593	618	659	727	817	940	1132	1304	1103	497	116	57.7	40.8	29.7	16.8	7.68	0.44	
5	593	611	638	680	747	839	970	1163	1303	1052	453	108	56.7	40.6	29.6	16.8	7.81	0.59	
10	612	630	657	701	767	862	1000	1195	1303	1000	410	100	55.7	40.3	29.5	16.8	7.95	0.74	
15	631	649	677	722	787	885	1030	1227	1302	948	366	92.6	54.7	40.1	29.4	16.8	8.08	0.90	
20	697	716	746	795	868	980	1125	1249	1184	780	287	83.1	52.3	39.1	28.9	16.5	8.16	1.11	
25	762	783	816	869	949	1076	1219	1272	1067	612	208	73.7	50.0	38.0	28.3	16.1	8.24	1.32	
30	828	850	886	942	1031	1172	1314	1294	949	444	128	64.2	47.7	37.0	27.7	15.8	8.31	1.53	
35	998	1020	1052	1087	1115	1137	1120	991	683	322	104	57.9	44.3	34.8	25.9	14.7	7.95	1.58	
40	1167	1190	1219	1233	1199	1102	927	687	418	199	79.8	51.5	40.9	32.5	24.1	13.6	7.58	1.63	
45	1337	1360	1385	1378	1283	1067	733	383	152	76.2	55.5	45.1	37.5	30.2	22.3	12.5	7.21	1.68	
50	970	980	986	966	890	738	510	272	116	63.3	48.5	40.5	34.0	27.4	20.2	11.5	6.79	1.71	
55	603	601	586	554	496	408	286	161	78.9	50.5	41.5	35.9	30.4	24.7	18.1	10.5	6.37	1.75	
60	236	221	187	142	102	78.1	62.1	49.8	42.3	37.6	34.5	31.2	26.9	21.9	15.9	9.50	5.95	1.78	
65	167	157	135	105	77.3	60.5	49.5	40.9	35.4	31.6	28.7	25.9	22.5	18.4	13.2	8.22	5.28	1.80	
70	97.5	93.7	82.7	67.5	52.7	42.9	36.9	32.1	28.6	25.7	23.0	20.6	18.0	14.8	10.5	6.94	4.61	1.82	
75	28.2	30.0	30.5	30.2	28.1	25.3	24.3	23.3	21.7	19.7	17.3	15.3	13.6	11.3	7.84	5.65	3.94	1.85	
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:25.0DEG  
Operators:YangWenPeng  
Test Date:2018-08-02

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:12.380m [K=1.0000]  
Remarks: