

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

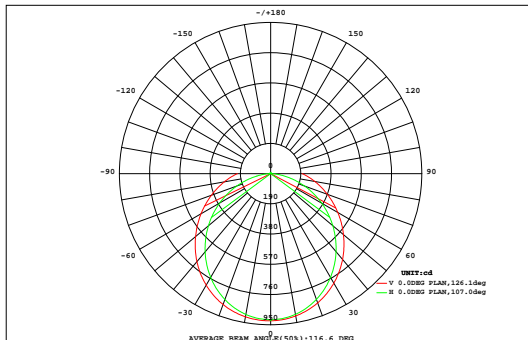
Maximum Intensity (Luminaire orientation as tested.)		298.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I <sub>max</sub>	159.3V x 180.0H
	At 50% of I <sub>max</sub>	107.0V x 126.1H
	At 90% of I <sub>max</sub>	42.4V x 52.0H
Beam Flux	Total	1000.0 lumens per klm.
	To 10% of I <sub>max</sub>	960.7 lumens per klm.
	To 50% of I <sub>max</sub>	646.7 lumens per klm.
	To 90% of I <sub>max</sub>	144.3 lumens per klm.
	Upward LOR	6.7 %
	Downward LOR	93.4 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:11.750m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:92.45lm/W	
MODEL	LG06A-12-36-65K	Imax(cd)	924.8
NOMINAL POWER(W)	33.482	AVAILABILITY(%)	95.9
RATED VOLTAGE(V)	230	Avai. FLUX(lm)	2970
NOMINAL FLUX(lm)	3095.32	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3095
TEST VOLTAGE(V)	230.286	θ @50%(H,V)	126,107DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a		
	0.55	1.61	2.55	3.16	3.47	3.31	2.82	2.26	1.60	1.58	2.20	2.73	3.19	3.33	3.02	2.43	1.53			0.52	41.9
80	0.57	1.79	3.01	4.02	4.81	5.17	5.18	5.14	4.93	4.90	5.05	5.05	5.01	4.63	3.85	2.88	1.70	0.55	68.3	68.3	
70	0.60	1.96	3.51	5.00	6.38	7.47	8.22	8.81	9.12	9.09	8.73	8.08	7.28	6.18	4.81	3.35	1.87	0.57	101	101	
60	0.62	2.14	4.02	6.04	8.09	9.99	11.6	12.7	13.4	13.4	12.6	11.4	9.75	7.83	5.82	3.85	2.04	0.59	136	136	
50	0.65	2.30	4.51	7.09	9.81	12.5	14.8	16.5	17.5	17.4	16.4	14.6	12.2	9.51	6.83	4.32	2.20	0.61	170	170	
40	0.66	2.45	4.95	8.05	11.4	14.8	17.8	20.0	21.1	21.0	19.8	17.5	14.5	11.1	7.75	4.75	2.34	0.63	201	201	
30	0.68	2.58	5.32	8.81	12.8	16.7	20.3	22.8	24.2	24.1	22.6	19.9	16.3	12.4	8.50	5.11	2.46	0.65	226	226	
	0.69	2.67	5.60	9.38	13.7	18.2	22.1	24.9	26.4	26.3	24.6	21.6	17.7	13.3	9.06	5.38	2.56	0.66	245	245	
	0.70	2.74	5.78	9.73	14.3	18.9	23.1	26.1	27.6	27.4	25.7	22.6	18.5	13.9	9.41	5.55	2.61	0.67	255	255	
	0.70	2.74	5.78	9.73	14.3	18.9	23.0	25.9	27.5	27.5	25.9	22.7	18.6	13.9	9.42	5.56	2.62	0.67	255	255	
	0.69	2.67	5.60	9.36	13.7	18.1	21.9	24.8	26.3	26.3	24.8	21.8	17.8	13.4	9.10	5.40	2.56	0.66	245	245	
	0.68	2.58	5.31	8.78	12.7	16.7	20.2	22.8	24.2	24.1	22.7	20.0	16.5	12.5	8.56	5.13	2.47	0.65	226	226	
-30	0.66	2.45	4.94	8.01	11.4	14.7	17.8	20.0	21.2	21.1	19.9	17.6	14.5	11.2	7.82	4.78	2.35	0.63	201	201	
-40	0.64	2.30	4.50	7.06	9.77	12.4	14.8	16.6	17.5	17.5	16.5	14.7	12.3	9.57	6.89	4.36	2.21	0.61	170	170	
-50	0.62	2.14	4.01	6.02	8.06	9.97	11.6	12.8	13.4	13.4	12.7	11.4	9.79	7.87	5.86	3.88	2.05	0.59	136	136	
-60	0.60	1.96	3.50	4.98	6.36	7.47	8.26	8.87	9.14	9.11	8.79	8.14	7.31	6.19	4.83	3.38	1.88	0.57	101	101	
-70	0.57	1.78	3.00	4.01	4.80	5.18	5.22	5.17	4.94	4.92	5.11	5.12	5.04	4.64	3.88	2.90	1.71	0.55	68.5	68.5	
-80	0.55	1.61	2.54	3.15	3.46	3.32	2.85	2.28	1.61	1.59	2.22	2.76	3.20	3.34	3.04	2.45	1.54	0.52	42.0	34.8	
-90																					
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90				
Φ t	11.5	40.5	78.4	122	169	214	251	278	291	291	276	248	209	165	118	75.5	38.7	10.9	2889	---	
Φ a	11.5	40.5	78.4	122	169	214	250	276	289	288	273	246	209	165	118	75.5	38.7	10.9	---	2875	

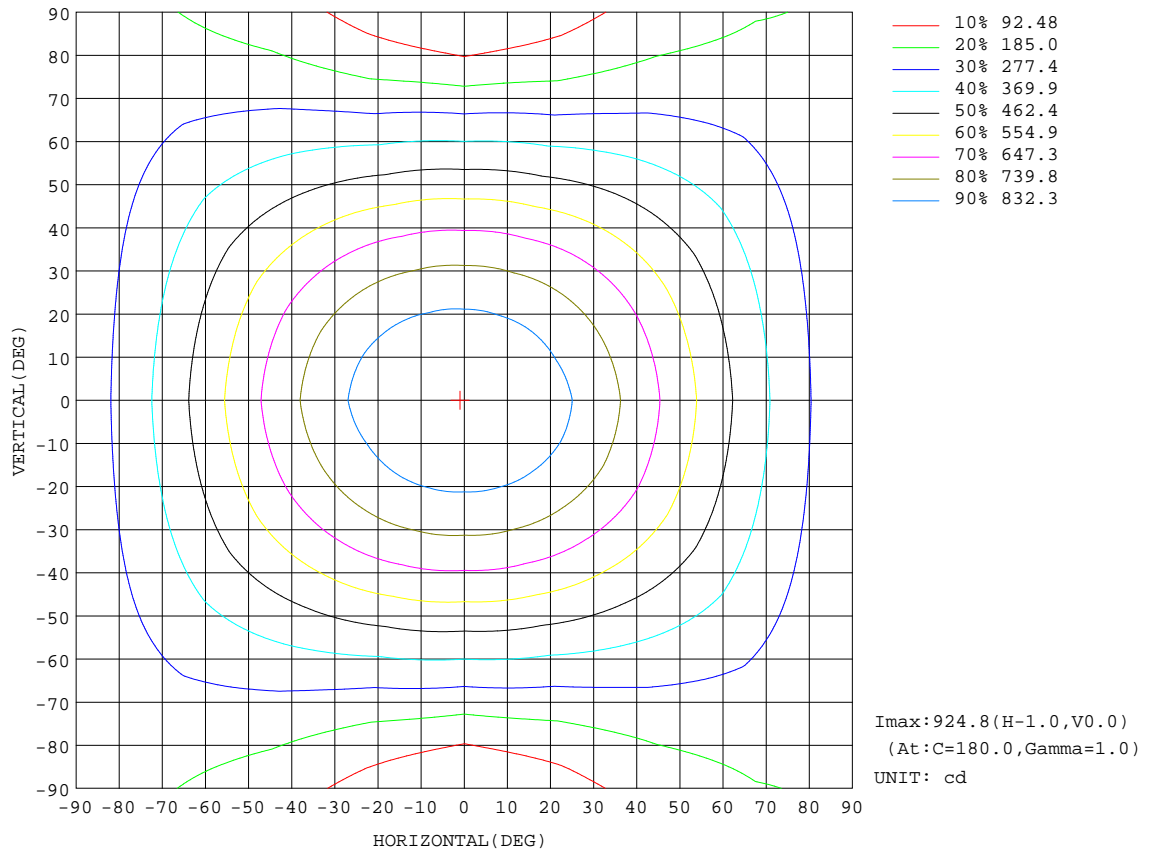
one-half-peak spread: U:53.9,D:53.8 , L:63.3,R:63.7 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:11.750m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.:</b>	<b>Shielding Angle:</b>

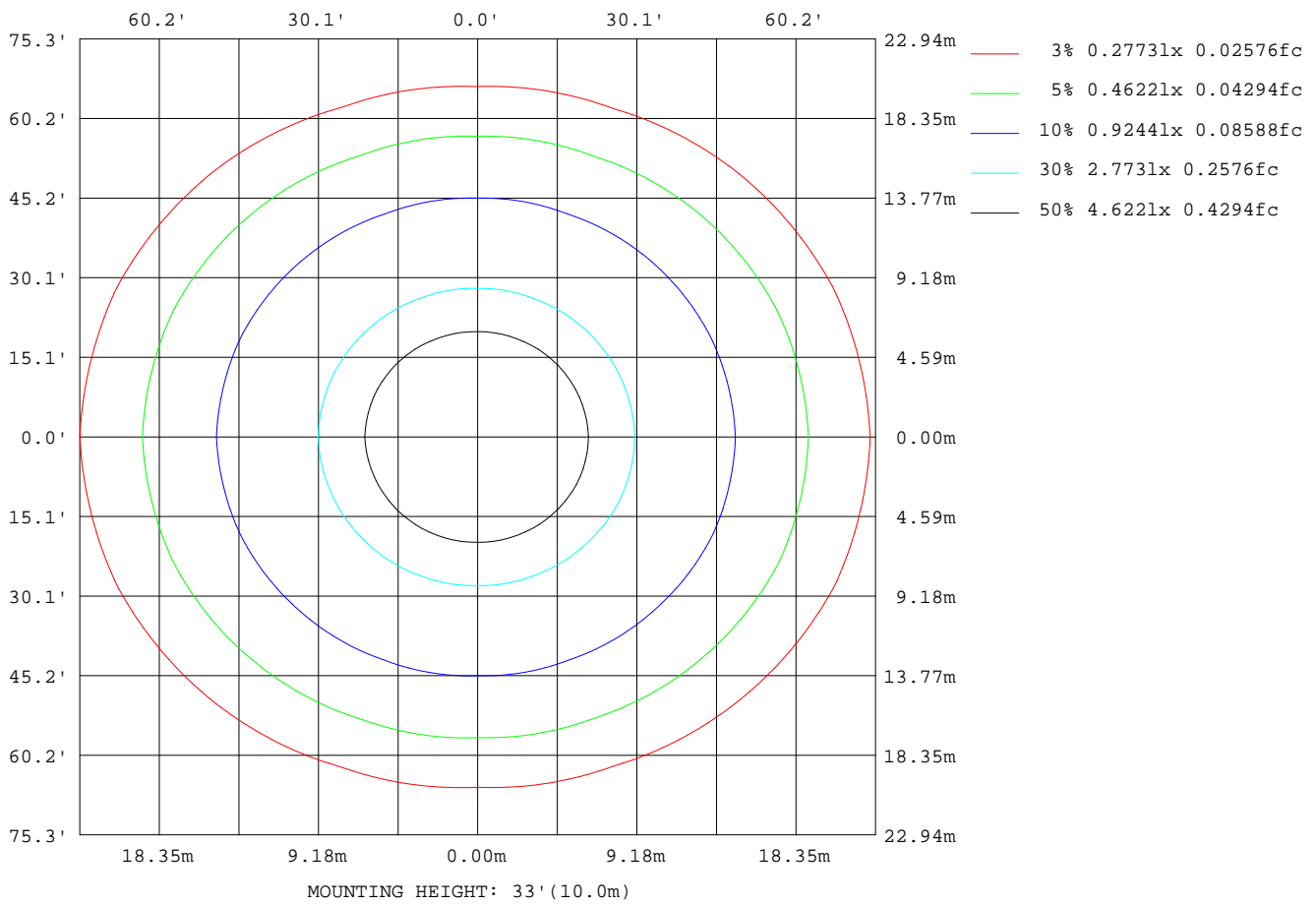


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
 V(B) Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:11.750m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

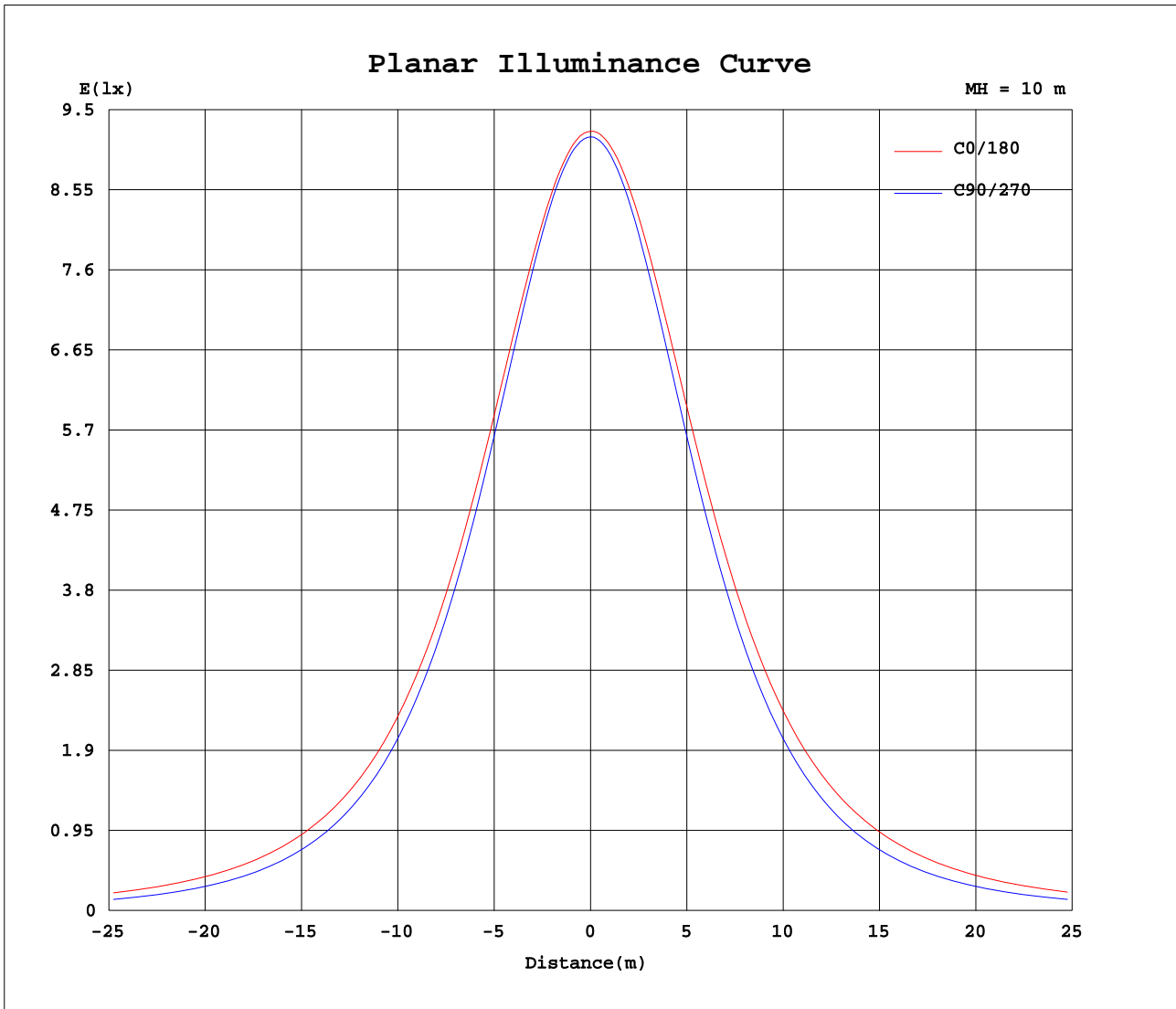
<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPEC.:</b>	<b>DIM.:</b>	<b>SERIAL No.:</b>
<b>MFR.:</b>	<b>SUR.:</b>	<b>Shielding Angle:</b>



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H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:11.750m [K=1.0000]  
Remarks:

Planar Illuminance Curve

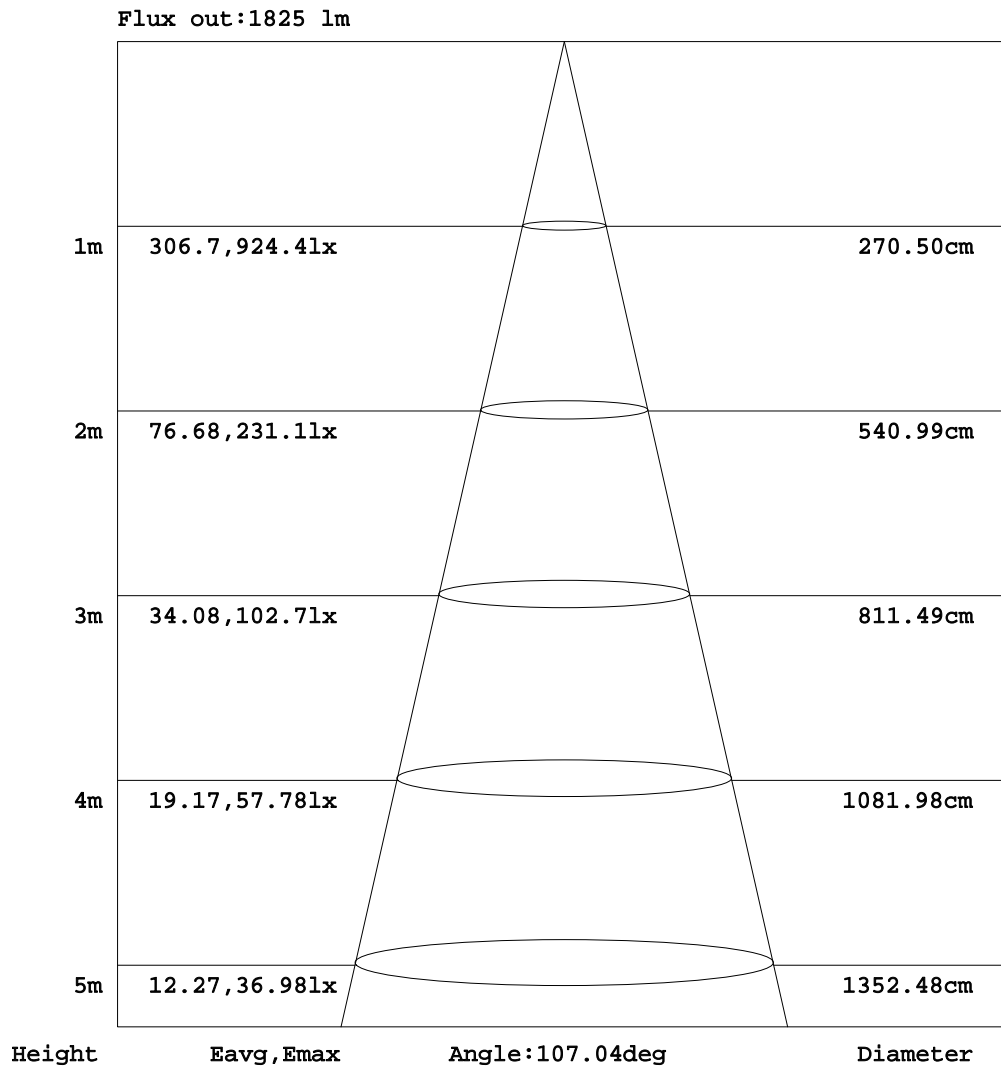


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
 V(B) Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:11.750m [K=1.0000]  
 Remarks:

**AAI Figure**

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
 V(B) Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:11.750m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

H(β) \ V(β)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	208	170	134	104	77.2	54.8	36.3	21.6	11.0	8.45	8.30	8.16	8.07	8.03	8.13	8.32	8.54	8.73	8.84
-170	208	169	134	103	76.6	54.2	35.8	21.2	11.1	8.46	8.31	8.20	8.11	8.07	8.09	8.17	8.32	8.46	8.61
-160	208	170	136	105	79.1	56.9	38.5	23.8	13.0	8.66	8.38	8.15	7.97	7.84	7.80	7.85	7.95	8.08	8.19
-150	208	172	140	110	84.7	62.9	44.6	29.7	18.0	10.2	8.13	7.86	7.64	7.47	7.37	7.30	7.32	7.43	7.49
-140	208	176	145	118	93.6	72.6	54.6	38.4	24.5	14.8	9.59	7.65	7.26	6.98	6.76	6.55	6.62	6.66	6.67
-130	208	180	153	128	106	86.2	67.7	49.7	34.7	22.5	13.1	8.18	7.13	6.66	6.26	6.02	5.95	5.89	5.81
-120	208	185	162	141	122	104	84.2	66.0	50.2	36.4	25.0	17.6	12.4	8.93	6.68	6.20	5.86	5.56	5.26
-110	208	190	173	157	141	125	106	88.9	72.9	58.2	44.7	32.8	22.6	13.9	7.92	7.05	6.33	5.68	5.06
-100	208	197	186	175	164	151	135	120	105	90.6	74.8	59.5	45.1	31.5	22.0	17.4	13.1	9.17	5.36
-90	208	204	199	194	190	181	170	158	147	135	119	103	87.1	71.1	57.2	45.5	33.7	22.0	10.2
-80	208	211	213	215	217	216	210	204	198	191	180	167	155	141	130	120	110	99.7	88.3
-70	208	218	227	237	246	253	255	257	258	258	256	252	247	241	237	236	235	231	225
-60	208	225	241	258	275	292	304	315	325	334	343	349	355	360	362	369	373	373	371
-50	208	231	255	279	304	330	354	374	395	414	433	450	467	481	491	502	509	513	511
-40	208	237	267	298	331	365	400	432	462	492	520	547	572	594	612	625	636	642	641
-30	208	242	278	315	355	397	439	482	523	561	598	633	664	692	715	733	745	753	753
-20	208	246	286	329	374	422	471	520	568	615	660	700	737	768	795	816	831	840	841
-10	208	249	292	339	388	440	494	547	600	651	700	745	785	819	847	869	885	895	898
0	208	250	295	344	396	450	506	561	616	670	721	768	810	846	875	898	913	923	924
10	208	249	292	339	388	441	494	548	601	653	703	748	789	824	853	874	889	897	898
20	208	246	286	329	375	423	472	521	570	618	664	704	741	772	799	819	832	840	841
30	208	242	278	315	356	397	440	484	526	564	601	635	667	694	716	733	744	752	752
40	208	237	267	299	332	366	401	434	465	494	522	549	573	594	611	623	635	640	639
50	208	231	255	279	305	331	355	376	396	416	434	451	467	480	490	499	508	512	511
60	208	225	242	259	276	293	305	316	326	336	344	350	355	358	360	367	371	373	370
70	208	218	228	237	247	254	256	258	259	259	256	252	246	240	235	235	234	230	225
80	208	211	213	216	218	217	211	205	199	192	180	167	154	140	128	119	110	99.5	88.4
90	208	204	199	195	190	182	170	159	147	135	119	103	86.5	70.2	56.3	44.7	33.2	21.6	10.1
100	208	197	186	175	164	151	135	120	105	90.5	74.5	59.1	44.5	30.7	21.1	16.6	12.5	8.59	4.85
110	208	191	173	157	141	125	106	88.7	72.6	57.9	44.3	32.3	22.1	13.3	7.43	6.61	5.93	5.31	4.71
120	208	185	162	141	122	104	83.9	65.7	49.7	35.9	24.5	17.0	11.9	8.49	6.30	5.86	5.53	5.24	4.96
130	208	180	153	128	106	85.9	67.3	49.3	34.1	21.9	12.5	7.65	6.69	6.30	5.96	5.75	5.69	5.65	5.60
140	208	176	145	118	93.5	72.3	54.1	37.9	23.9	14.2	9.09	7.27	6.91	6.65	6.45	6.28	6.36	6.41	6.43
150	208	172	139	110	84.6	62.7	44.3	29.2	17.4	9.69	7.77	7.50	7.31	7.16	7.07	7.03	7.07	7.19	7.26
160	208	170	136	105	79.0	56.7	38.2	23.5	12.6	8.36	8.04	7.84	7.68	7.57	7.55	7.63	7.73	7.85	7.96
170	208	169	134	103	76.5	54.1	35.6	21.1	11.0	8.31	8.15	8.02	7.93	7.89	7.94	8.06	8.23	8.37	8.56
180	208	170	134	104	77.2	54.8	36.3	21.6	11.0	8.45	8.30	8.16	8.07	8.03	8.13	8.32	8.54	8.73	8.84

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-11-15

V(β) Range:-180 - 180DEG  
V(β) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:11.750m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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
-180	8.99	8.89	8.73	8.62	8.56	8.68	8.85	9.02	9.21	10.4	19.5	33.3	50.9	72.1	97.4	127	160	198
-170	8.62	8.47	8.34	8.18	8.07	8.19	8.39	8.63	8.91	10.4	19.1	32.8	50.5	71.8	97.1	127	160	198
-160	8.16	8.04	7.91	7.75	7.73	7.82	8.04	8.39	8.88	11.7	21.4	35.6	53.2	74.4	99.3	128	161	198
-150	7.49	7.43	7.34	7.28	7.31	7.45	7.74	8.19	9.37	15.9	27.0	41.7	59.2	80.0	104	132	163	198
-140	6.69	6.67	6.63	6.73	6.86	7.06	7.36	8.89	13.2	22.1	36.0	51.5	68.7	88.7	112	138	166	198
-130	5.89	5.94	6.02	6.20	6.53	6.89	7.31	11.2	20.1	32.2	46.7	64.3	82.0	101	122	145	170	198
-120	5.57	5.90	6.28	6.73	8.41	11.3	15.8	22.3	33.4	47.0	62.4	80.0	99.5	116	134	154	175	198
-110	5.69	6.34	7.04	7.85	13.1	21.1	30.4	41.2	53.6	68.7	84.9	102	120	135	150	165	181	198
-100	8.97	12.7	16.7	21.1	30.2	43.2	57.0	71.6	86.8	101	115	130	145	157	167	177	187	198
-90	21.5	32.8	44.1	55.4	68.8	84.2	99.6	115	130	141	153	164	175	182	186	190	194	198
-80	99.1	109	118	127	138	150	162	173	184	191	197	203	208	209	206	204	201	198
-70	230	233	234	234	237	242	246	249	251	250	249	247	245	237	227	217	207	198
-60	373	371	366	359	355	349	342	335	326	316	306	295	283	265	248	231	214	198
-50	512	507	498	487	475	460	443	424	405	385	365	344	319	293	268	244	220	198
-40	640	633	621	607	588	565	539	511	482	452	422	389	354	319	286	255	226	198
-30	752	743	729	710	686	657	625	589	551	513	470	426	384	342	302	265	230	198
-20	839	829	813	791	763	730	692	651	604	555	506	456	408	360	315	273	234	198
-10	896	885	868	844	814	777	734	687	637	584	531	477	424	373	324	278	237	198
0	920	908	890	864	833	795	751	703	651	597	543	487	432	379	328	281	238	198
10	892	881	862	837	807	772	730	684	634	582	529	476	423	372	324	278	237	198
20	837	826	809	787	758	725	687	645	599	552	503	454	406	359	314	272	234	198
30	750	740	725	707	683	654	621	585	546	508	466	423	382	340	301	264	230	198
40	638	631	617	604	585	563	537	509	479	449	418	386	351	317	285	254	225	198
50	510	505	495	484	473	458	441	423	403	383	362	341	317	291	266	243	220	198
60	372	369	364	356	352	347	341	334	325	315	304	292	280	263	247	230	214	198
70	230	232	232	231	235	241	245	249	251	249	247	245	243	235	226	217	207	198
80	98.6	108	117	125	136	149	161	173	184	190	196	202	207	207	205	203	200	198
90	21.2	32.4	43.5	54.7	68.0	83.6	99.2	115	130	141	152	163	173	181	185	189	193	198
100	8.51	12.3	16.3	20.7	29.3	41.6	54.5	67.6	80.7	94.0	110	126	143	156	166	176	187	198
110	5.42	6.14	6.91	7.78	13.1	21.1	30.3	41.4	53.5	65.4	76.5	89.5	109	132	149	164	181	198
120	5.31	5.67	6.07	6.59	8.47	11.5	16.1	22.6	32.8	45.6	60.0	75.6	86.6	104	130	154	175	198
130	5.72	5.83	5.95	6.18	6.48	6.87	7.50	11.6	20.3	31.6	45.0	61.0	78.4	93.1	114	144	170	198
140	6.48	6.49	6.48	6.63	6.82	7.03	7.31	8.74	13.2	22.1	35.1	49.7	66.1	86.1	105	135	166	198
150	7.26	7.21	7.19	7.22	7.31	7.44	7.65	7.98	9.14	15.6	26.9	41.0	57.7	78.3	101	129	163	198
160	7.93	7.87	7.80	7.74	7.71	7.77	7.91	8.19	8.60	11.6	21.3	35.3	52.5	73.3	97.9	126	161	198
170	8.43	8.33	8.25	8.16	8.10	8.18	8.33	8.51	8.81	10.3	19.0	32.8	50.2	71.3	96.5	125	160	198
180	8.99	8.89	8.73	8.62	8.56	8.68	8.85	9.02	9.21	10.4	19.5	33.3	50.9	72.1	97.4	127	160	198

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-11-15

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:11.750m [K=1.0000]  
Remarks: