

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

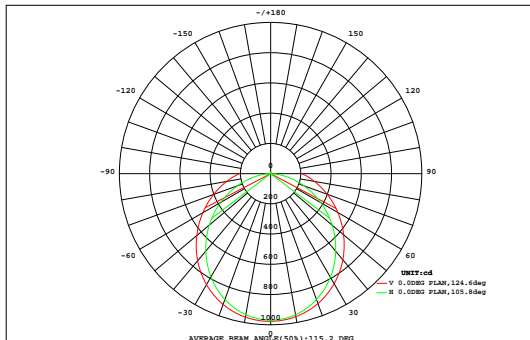
Maximum Intensity (Luminaire orientation as tested.)		303.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max}	158.9V x 180.0H
	At 50% of I _{max}	105.8V x 124.6H
	At 90% of I _{max}	41.6V x 51.3H
Beam Flux	Total	1000.0 lumens per klm.
	To 10% of I _{max}	959.1 lumens per klm.
	To 50% of I _{max}	643.1 lumens per klm.
	To 90% of I _{max}	140.9 lumens per klm.
	Upward LOR	6.5 %
	Downward LOR	93.5 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

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:

LUMINAIRE PHOTOMETRIC TEST REPORT

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



DATA OF LAMP		Eff:94.78lm/W	
MODEL	LG06A-12-36-4K	Imax(cd)	977.0
NOMINAL POWER(W)	34.0015	AVAILABILITY(%)	95.9
RATED VOLTAGE(V)	230	Avai. FLUX(lm)	3089
NOMINAL FLUX(lm)	3222.51	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3223
TEST VOLTAGE(V)	230.275	θ @50%(H,V)	125,106DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.54	1.60	2.54	3.17	3.51	3.37	2.90	2.33	1.65	1.63	2.27	2.82	3.29	3.44	3.11	2.50	1.59	0.54	42.8	34.7
80	0.57	1.78	3.02	4.07	4.90	5.31	5.34	5.30	5.08	5.06	5.24	5.26	5.21	4.81	3.99	2.97	1.76	0.57	70.3	70.3
70	0.59	1.96	3.54	5.09	6.54	7.70	8.49	9.12	9.43	9.39	9.01	8.35	7.58	6.43	4.99	3.47	1.94	0.59	104	104
60	0.62	2.14	4.07	6.18	8.33	10.3	12.0	13.2	13.9	13.9	13.1	11.8	10.2	8.19	6.06	4.00	2.12	0.62	141	141
50	0.64	2.31	4.58	7.27	10.1	13.0	15.4	17.2	18.2	18.2	17.1	15.2	12.7	9.95	7.13	4.50	2.29	0.64	177	177
40	0.66	2.47	5.04	8.28	11.8	15.4	18.6	20.9	22.1	22.1	20.7	18.3	15.1	11.6	8.11	4.96	2.44	0.66	209	209
30	0.68	2.60	5.43	9.09	13.3	17.5	21.2	24.0	25.4	25.3	23.8	20.9	17.2	13.0	8.92	5.35	2.57	0.67	237	237
20	0.69	2.70	5.72	9.68	14.3	19.0	23.2	26.2	27.8	27.7	26.0	22.8	18.6	14.0	9.53	5.64	2.67	0.69	257	257
10	0.70	2.76	5.90	10.0	14.9	19.8	24.2	27.5	29.1	28.9	27.2	23.9	19.5	14.6	9.91	5.83	2.74	0.70	268	268
0	0.70	2.76	5.90	10.0	14.8	19.7	24.1	27.3	29.0	29.1	27.4	24.0	19.6	14.7	9.93	5.85	2.74	0.70	268	268
-10	0.69	2.69	5.70	9.64	14.2	18.8	23.0	26.1	27.7	27.8	26.1	23.0	18.8	14.1	9.59	5.68	2.68	0.69	257	257
-20	0.68	2.59	5.40	9.02	13.1	17.3	21.1	23.9	25.4	25.4	23.9	21.1	17.3	13.2	9.02	5.40	2.59	0.68	237	237
-30	0.66	2.46	5.01	8.20	11.7	15.3	18.5	20.8	22.1	22.1	20.8	18.5	15.3	11.7	8.24	5.03	2.47	0.66	209	209
-40	0.64	2.31	4.55	7.20	10.0	12.8	15.3	17.2	18.2	18.2	17.2	15.3	12.9	10.1	7.26	4.58	2.32	0.64	177	177
-50	0.62	2.13	4.04	6.11	8.21	10.2	11.9	13.2	13.9	13.9	13.2	11.9	10.3	8.29	6.18	4.09	2.15	0.62	141	141
-60	0.59	1.95	3.51	5.02	6.44	7.59	8.43	9.08	9.39	9.40	9.11	8.48	7.68	6.53	5.10	3.56	1.97	0.60	104	104
-70	0.57	1.77	2.99	4.02	4.82	5.22	5.28	5.26	5.06	5.08	5.32	5.37	5.32	4.92	4.10	3.05	1.79	0.57	70.5	70.5
-80	0.54	1.59	2.52	3.12	3.44	3.31	2.85	2.29	1.63	1.66	2.37	2.95	3.41	3.54	3.21	2.57	1.62	0.55	43.2	35.2
-90	11.4	40.6	79.5	125	174	222	262	291	305	305	290	260	220	173	124	79.0	40.4	11.4	3014	---
	11.4	40.6	79.5	125	174	222	260	288	302	302	287	258	220	173	124	79.0	40.4	11.4	---	2998

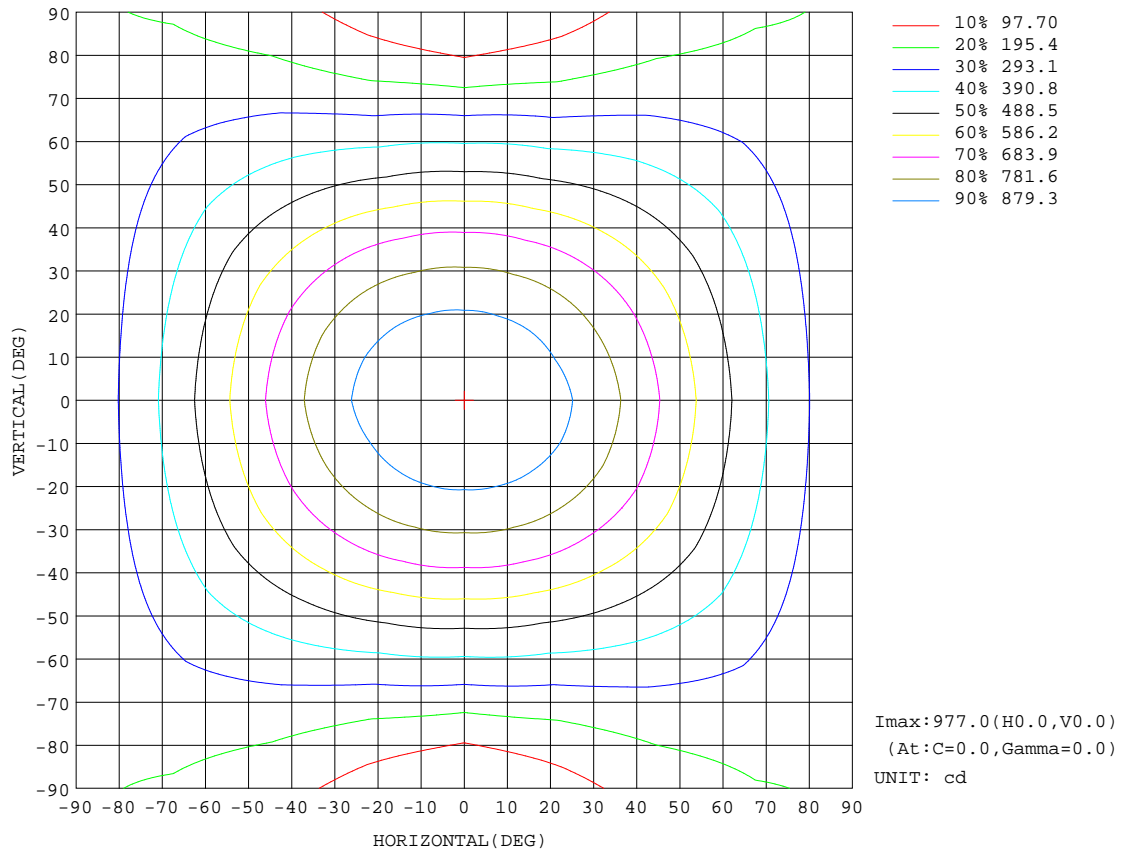
one-half-peak spread: U:53.2,D:53.3 , L:62.9,R:62.5 NEMA Beam Type: Type 7

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

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

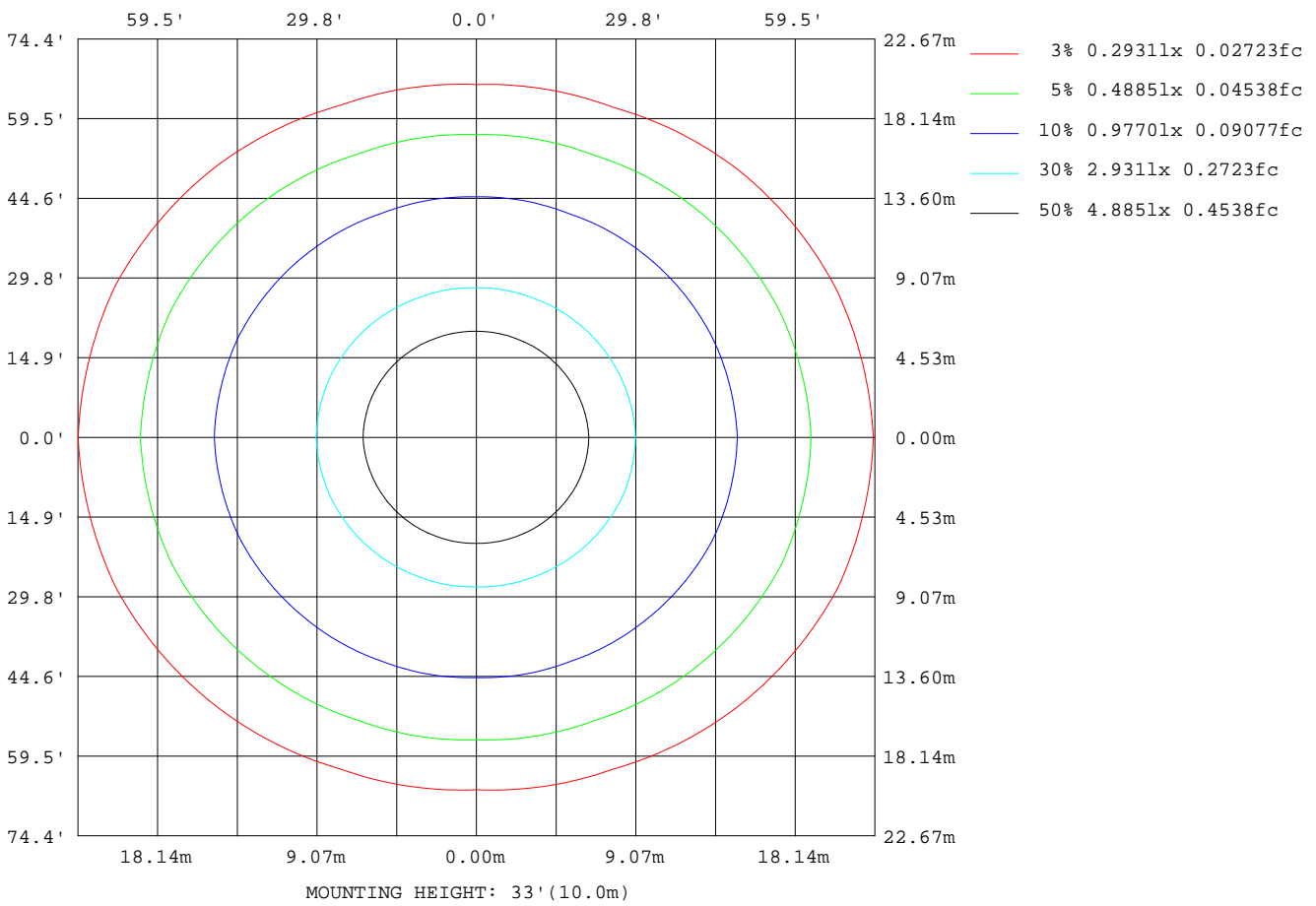


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Test Speed: HIGH
Temperature:25.3DEG
Operators:
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V(B) Interval: 0.5DEG
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Humidity:65.0%
Test Distance:11.750m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

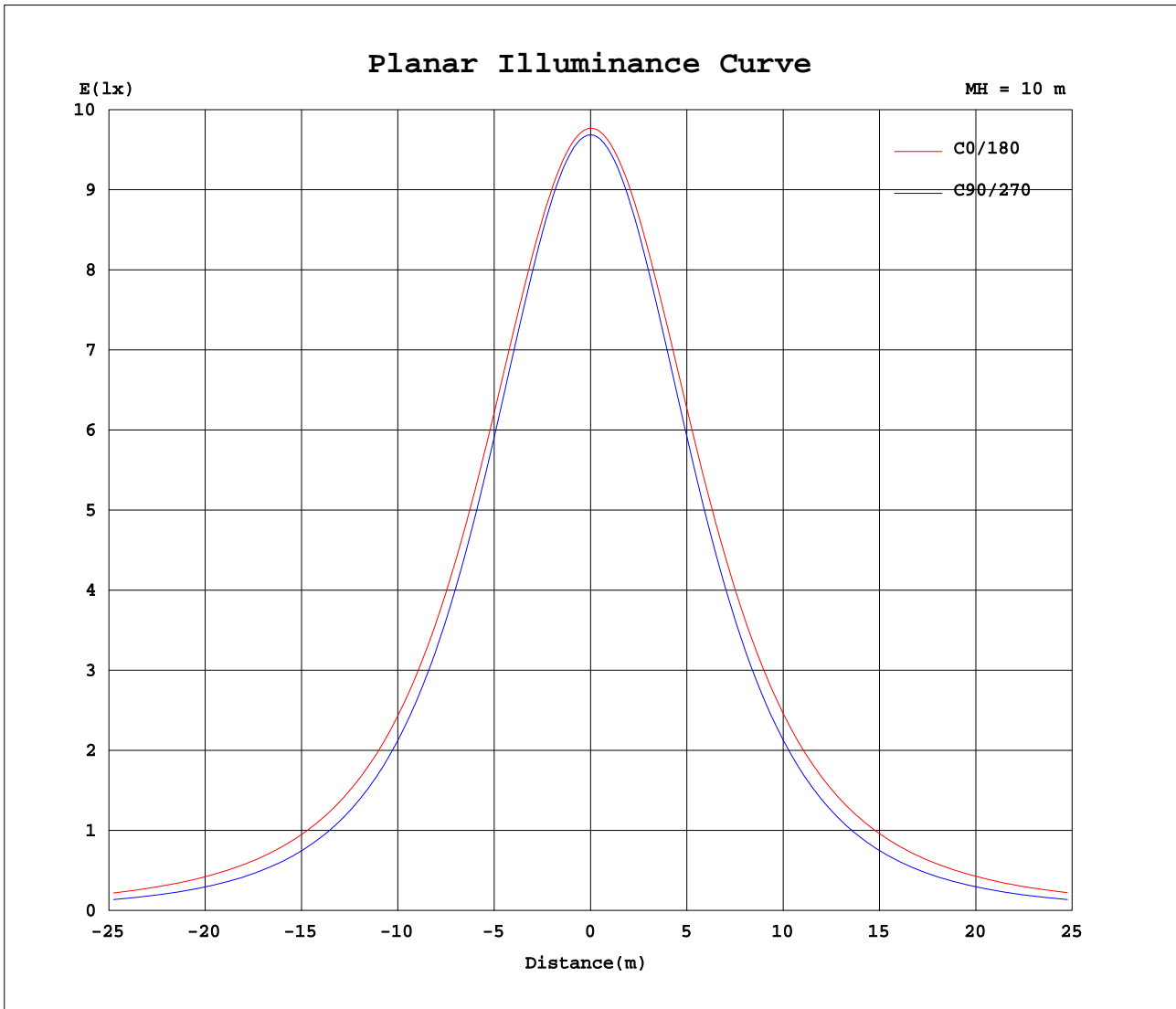
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Remarks:

Planar Illuminance Curve

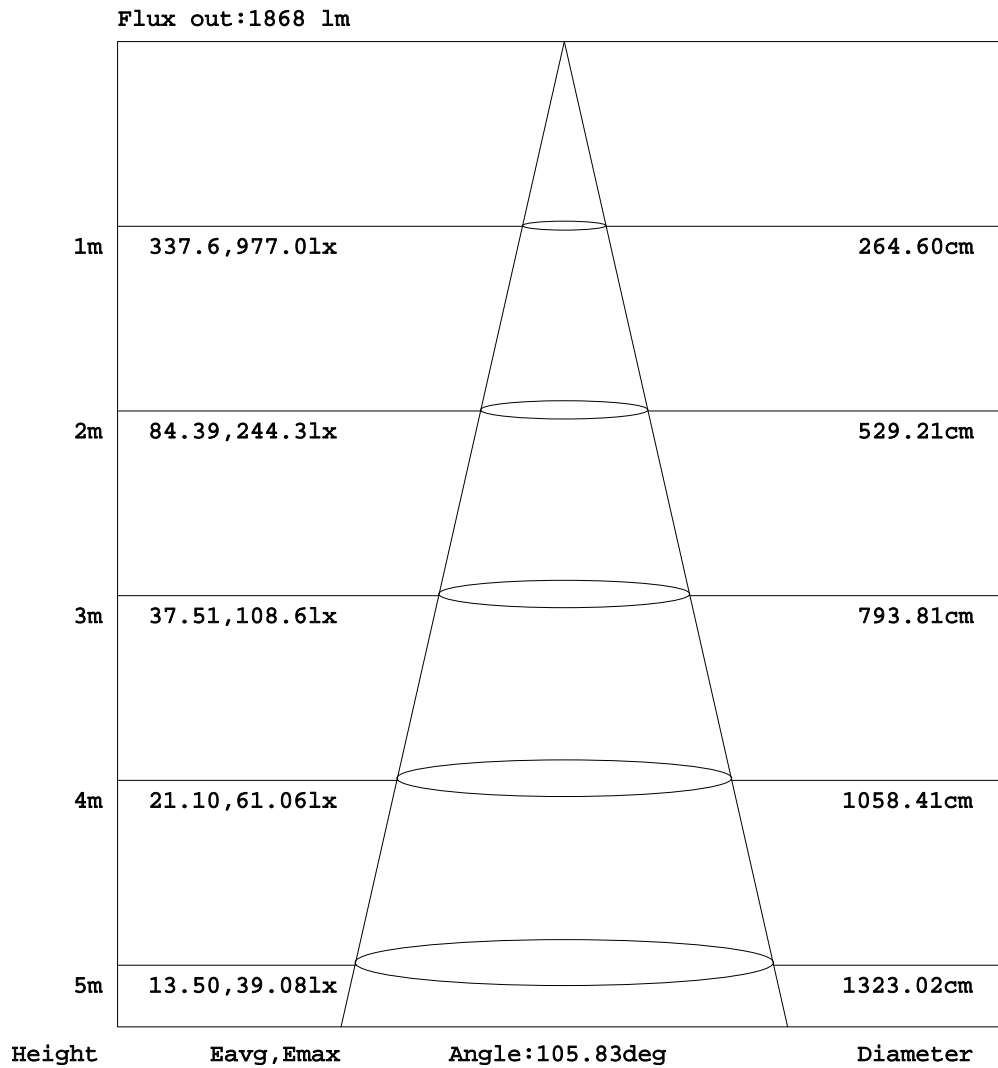


H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
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 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:11.750m [K=1.0000]
 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(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:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding 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
-180	205	166	131	101	74.4	52.5	34.4	20.1	10.0	8.30	8.22	8.16	8.21	8.33	8.51	8.74	8.97	9.17	9.14
-170	205	166	131	100	73.9	52.0	33.9	19.8	10.2	8.33	8.24	8.21	8.25	8.36	8.48	8.60	8.73	8.88	8.93
-160	205	167	132	102	76.4	54.6	36.6	22.3	12.0	8.42	8.29	8.16	8.09	8.11	8.17	8.25	8.34	8.45	8.49
-150	205	169	136	107	82.0	60.5	42.6	28.0	16.7	9.41	8.03	7.83	7.72	7.68	7.67	7.68	7.71	7.77	7.78
-140	205	172	142	115	90.8	70.0	52.4	36.6	23.0	13.9	9.13	7.54	7.30	7.14	7.02	6.92	6.97	6.97	6.95
-130	205	176	149	125	103	83.5	65.3	47.7	32.9	21.0	11.9	7.63	7.05	6.73	6.46	6.27	6.19	6.11	6.01
-120	205	182	159	138	119	101	81.7	63.8	48.2	34.6	23.5	16.5	11.7	8.59	6.67	6.23	5.90	5.60	5.30
-110	205	187	170	154	138	122	104	86.5	70.7	56.2	43.0	31.4	21.5	13.1	7.57	6.79	6.12	5.50	4.89
-100	205	194	183	172	161	148	132	117	103	88.6	73.0	57.9	43.8	30.3	21.0	16.5	12.4	8.53	4.82
-90	205	201	196	192	187	179	168	156	145	134	118	102	86.1	70.2	56.5	45.0	33.5	22.0	10.5
-80	205	208	211	213	216	215	209	204	198	191	180	168	155	142	131	122	112	102	90.6
-70	205	215	225	235	245	253	256	258	260	260	258	255	250	245	241	241	240	237	231
-60	205	223	240	258	276	294	306	318	329	340	349	356	363	368	371	379	384	385	382
-50	205	229	254	279	306	333	359	381	402	424	444	462	480	496	508	518	527	531	530
-40	205	235	266	299	334	370	407	442	474	506	536	565	592	615	635	649	662	668	668
-30	205	240	277	317	359	403	448	494	538	579	619	656	691	721	746	766	780	789	790
-20	205	244	286	331	379	430	482	535	586	637	686	729	769	804	833	856	873	883	885
-10	205	247	292	341	393	449	506	563	620	676	729	778	821	858	889	914	932	943	947
0	205	249	295	346	401	459	519	579	638	696	752	803	848	888	921	946	964	974	977
10	205	247	292	341	394	450	507	565	622	679	733	782	827	866	897	921	938	946	948
20	205	244	286	331	380	431	484	538	590	642	692	736	776	811	839	861	876	885	886
30	205	240	278	317	360	405	451	498	544	585	625	663	697	727	751	769	782	790	791
40	205	235	267	300	335	372	410	446	479	511	542	571	598	620	639	652	664	670	669
50	205	230	254	280	307	335	362	385	407	429	450	468	485	499	510	520	529	533	532
60	205	223	241	259	277	296	310	322	334	345	355	361	367	371	373	380	385	386	384
70	205	216	226	237	247	255	259	261	264	265	263	259	254	248	243	243	241	238	232
80	205	209	212	215	217	217	212	207	201	195	183	171	158	144	132	123	113	102	90.9
90	205	201	197	193	189	181	170	159	148	137	121	104	88.2	72.0	58.0	46.1	34.3	22.4	10.5
100	205	194	183	173	162	150	134	119	105	90.8	74.8	59.5	45.0	31.3	21.7	16.9	12.6	8.45	4.51
110	205	188	171	154	139	124	105	87.7	72.0	57.6	44.1	32.2	22.0	13.2	7.37	6.52	5.80	5.14	4.50
120	205	182	159	139	119	102	82.4	64.5	48.9	35.3	24.1	16.7	11.7	8.35	6.25	5.79	5.44	5.13	4.83
130	205	177	150	125	104	84.0	65.7	48.0	33.2	21.2	11.9	7.28	6.59	6.25	5.96	5.79	5.71	5.65	5.56
140	205	172	142	115	91.1	70.3	52.5	36.6	22.9	13.5	8.72	7.08	6.84	6.67	6.55	6.46	6.52	6.57	6.56
150	205	169	136	107	82.2	60.7	42.6	27.9	16.4	9.00	7.60	7.42	7.30	7.25	7.26	7.29	7.35	7.43	7.47
160	205	167	133	102	76.5	54.6	36.6	22.2	11.7	8.07	7.91	7.78	7.72	7.76	7.85	7.96	8.06	8.18	8.25
170	205	166	131	100	74.0	52.0	33.9	19.7	10.1	8.15	8.05	7.99	8.01	8.11	8.25	8.42	8.58	8.72	8.81
180	205	166	131	101	74.4	52.5	34.4	20.1	10.0	8.30	8.22	8.16	8.21	8.33	8.51	8.74	8.97	9.17	9.14

H(β) Range:-90 - 90DEG
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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--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	9.30	9.21	9.12	9.07	9.11	9.18	9.27	9.38	9.50	11.3	21.4	35.9	54.0	76.0	102	132	167	206
-170	8.91	8.76	8.69	8.66	8.65	8.77	8.89	9.03	9.29	11.4	21.1	35.5	53.7	75.8	102	132	167	206
-160	8.43	8.33	8.25	8.19	8.26	8.38	8.53	8.85	9.29	13.2	23.6	38.5	56.7	78.5	104	134	168	206
-150	7.77	7.71	7.69	7.74	7.81	7.94	8.20	8.61	10.4	17.9	30.0	44.9	63.0	84.4	109	138	171	206
-140	6.98	6.97	6.95	7.10	7.29	7.48	7.86	9.74	14.6	24.8	39.1	55.2	72.9	93.6	117	144	174	206
-130	6.16	6.29	6.44	6.68	6.99	7.35	8.06	12.9	22.5	35.1	50.3	68.6	86.9	106	128	152	178	206
-120	5.71	6.12	6.57	7.13	9.20	12.6	17.8	25.0	36.8	50.7	66.8	85.1	105	122	141	161	183	206
-110	5.65	6.45	7.31	8.37	14.4	23.1	33.3	45.2	58.4	74.0	90.5	108	127	142	157	173	189	206
-100	9.09	13.5	18.2	23.3	33.2	47.0	61.6	77.0	93.0	107	122	137	153	165	175	185	196	206
-90	22.8	35.2	47.5	59.8	74.1	90.2	106	122	139	150	161	173	184	191	195	199	202	206
-80	103	114	124	134	146	159	172	184	196	202	208	214	219	220	216	213	210	206
-70	237	241	243	243	248	254	259	263	265	264	263	260	258	249	238	227	217	206
-60	385	384	380	372	370	365	359	353	344	333	322	311	298	279	260	241	224	206
-50	532	527	519	508	496	481	464	446	427	406	384	363	336	308	281	255	230	206
-40	668	662	649	635	616	592	566	537	508	477	445	410	372	335	300	267	236	206
-30	789	780	766	747	721	691	657	620	580	540	495	449	403	359	317	277	241	206
-20	883	874	857	834	805	770	730	686	637	586	533	481	429	378	330	285	244	206
-10	945	935	917	892	860	820	775	725	671	616	559	502	446	391	339	291	247	206
0	972	960	941	914	880	840	794	743	688	630	572	513	454	398	344	294	248	206
10	942	930	910	884	852	814	770	721	668	613	557	500	444	390	338	291	247	206
20	882	870	853	829	798	762	722	678	630	580	529	477	425	376	328	284	244	206
30	788	777	762	743	716	685	650	613	573	532	488	443	399	356	314	276	240	206
40	668	660	646	631	612	588	561	532	502	470	437	402	366	331	297	265	235	206
50	531	526	516	504	492	477	460	442	422	400	377	355	329	303	277	252	229	206
60	385	382	376	368	365	361	356	349	339	328	316	303	291	273	256	239	222	206
70	237	239	240	239	244	250	255	259	261	259	256	253	251	243	234	225	215	206
80	102	112	121	130	141	155	167	180	191	197	202	208	213	214	212	210	208	206
90	21.9	33.3	44.7	56.1	69.9	86.0	102	118	135	146	157	168	179	187	191	196	201	206
100	8.37	12.4	16.7	21.3	30.0	42.3	55.4	70.0	86.3	99.5	114	130	147	161	172	183	194	206
110	5.24	6.01	6.83	7.77	13.3	21.7	31.1	41.7	54.1	66.9	78.2	87.8	109	134	154	171	188	206
120	5.24	5.65	6.10	6.65	8.56	11.8	16.7	23.4	34.3	47.1	60.9	76.3	91.5	103	134	160	182	206
130	5.73	5.89	6.06	6.30	6.59	6.96	7.62	11.9	20.8	32.4	46.6	62.8	78.8	97.5	115	149	177	206
140	6.65	6.69	6.71	6.84	6.98	7.17	7.44	9.11	14.0	23.1	35.8	51.4	68.5	87.9	110	140	173	206
150	7.50	7.49	7.51	7.54	7.58	7.67	7.84	8.14	9.60	17.0	28.3	42.4	60.4	81.0	105	134	170	206
160	8.23	8.20	8.17	8.14	8.13	8.15	8.24	8.41	8.82	12.5	23.0	37.2	55.0	76.6	102	131	168	206
170	8.77	8.73	8.66	8.58	8.54	8.63	8.73	8.85	9.08	11.1	20.8	35.0	52.9	74.9	101	130	167	206
180	9.30	9.21	9.12	9.07	9.11	9.18	9.27	9.38	9.50	11.3	21.4	35.9	54.0	76.0	102	132	167	206

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: