

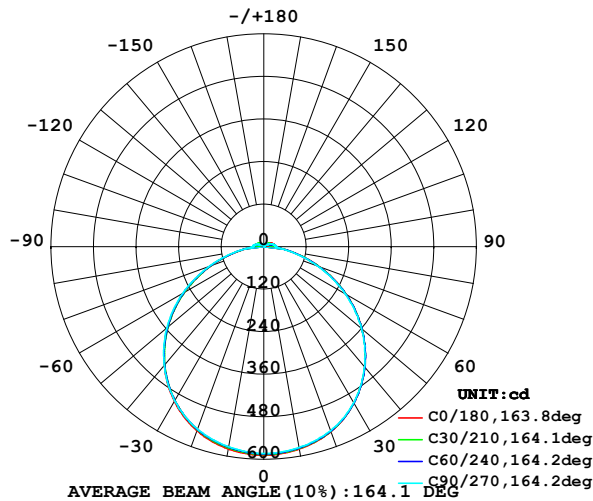
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

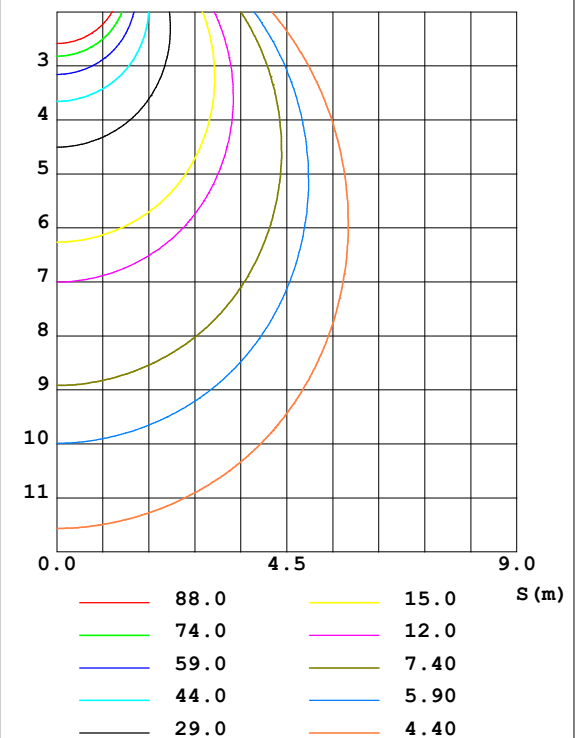
Test:U:120.0V I:0.2978A P:32.71W PF:0.9154 Lamp Flux:1820.6x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 55.66 lm/W			
MODEL		I _{max} (cd)	588.4	S/MH (C0/180)	1.28
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1820.6	η UP,DN(C0-180)	2.7,47.4
NOMINAL FLUX(lm)	1820.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.6,47.3
LAMPS INSIDE	1	η up (%)	5.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)		η down (%)	94.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



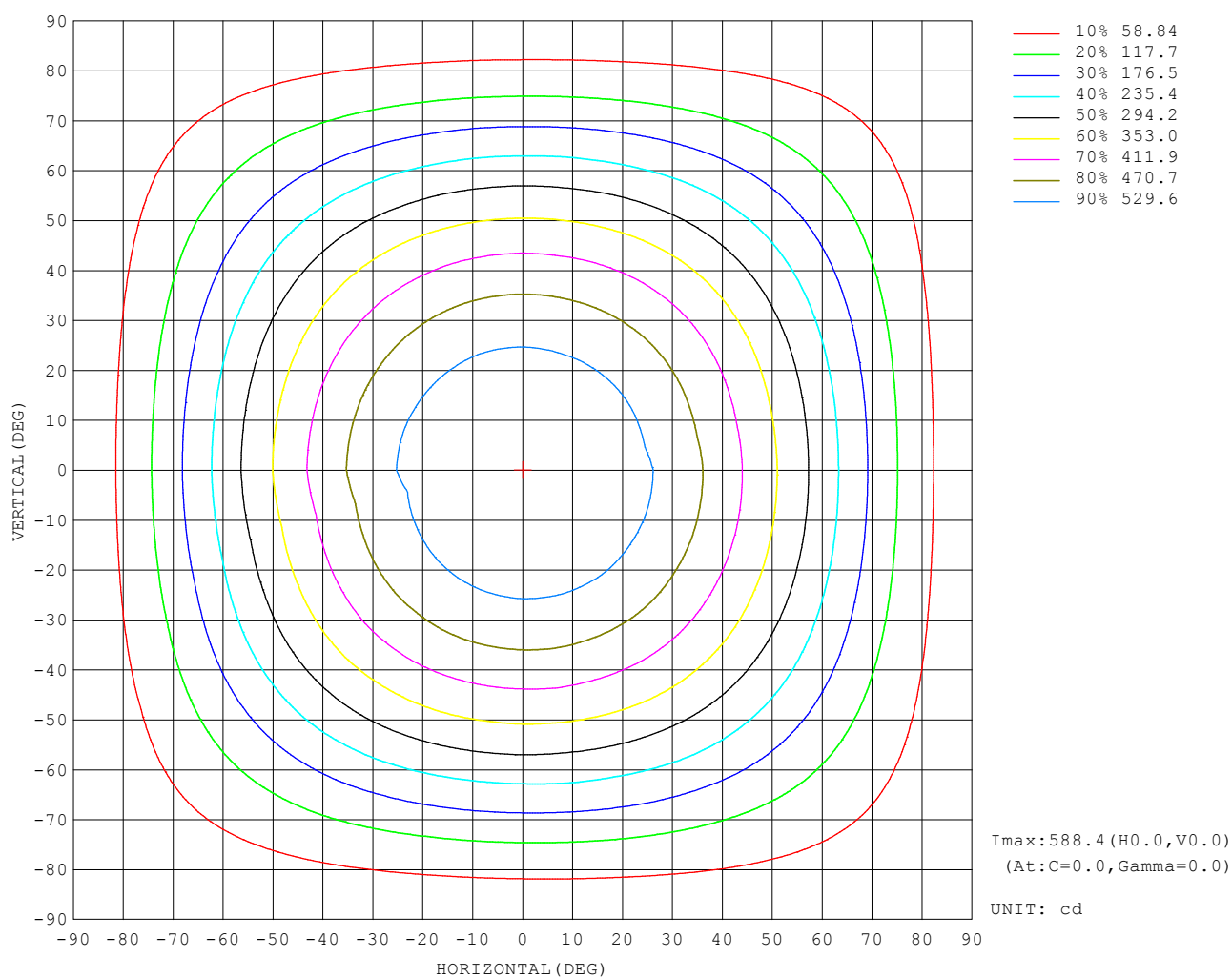
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:
 Test Date:2019-05-08

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.273
 Humidity:55.0%
 Test Distance:2.488m [K=1.0000]
 Remarks: 10226BOSN

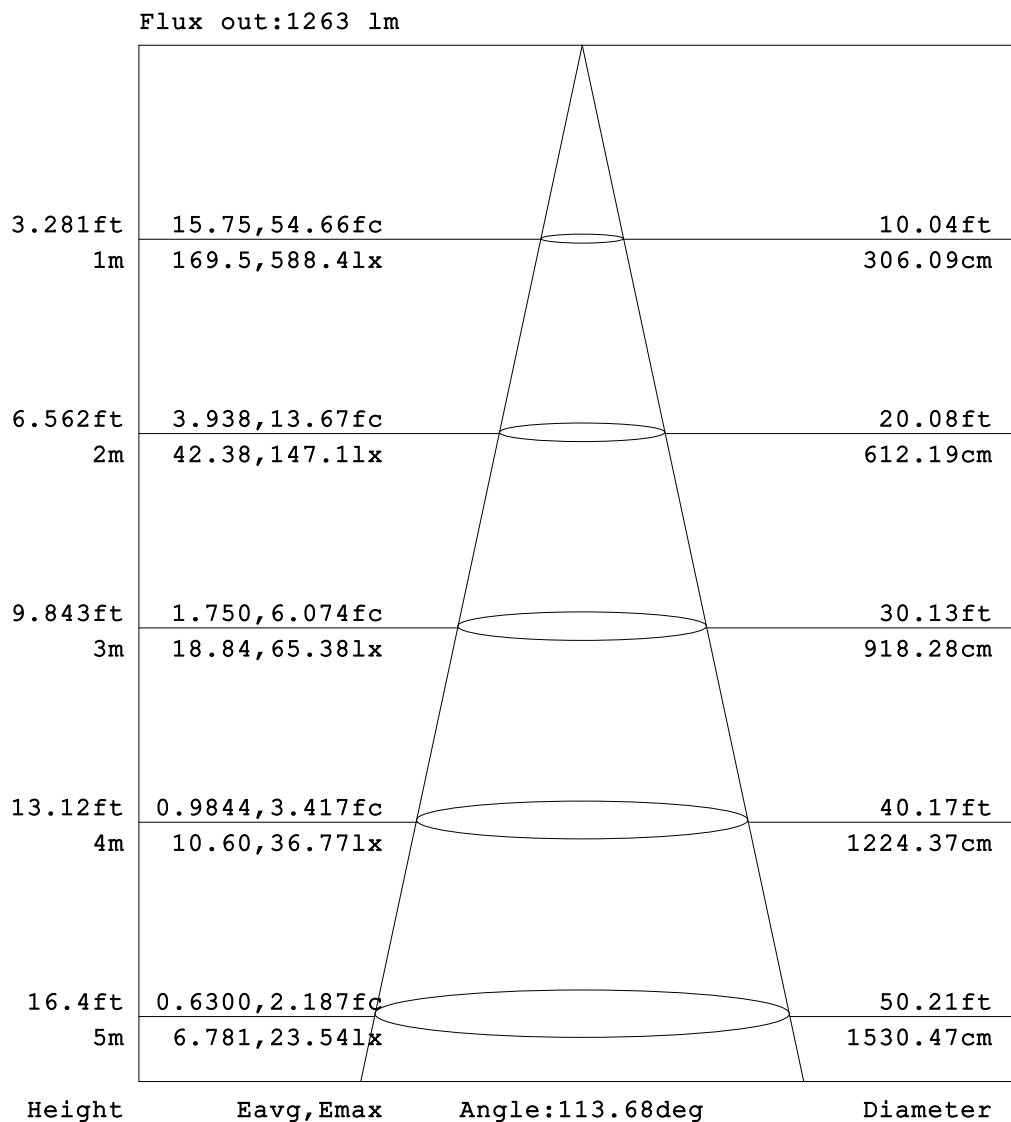
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:
Test Date: 2019-05-08

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.273
Humidity: 55.0%
Test Distance: 2.488m [K=1.0000]
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AAI Figure



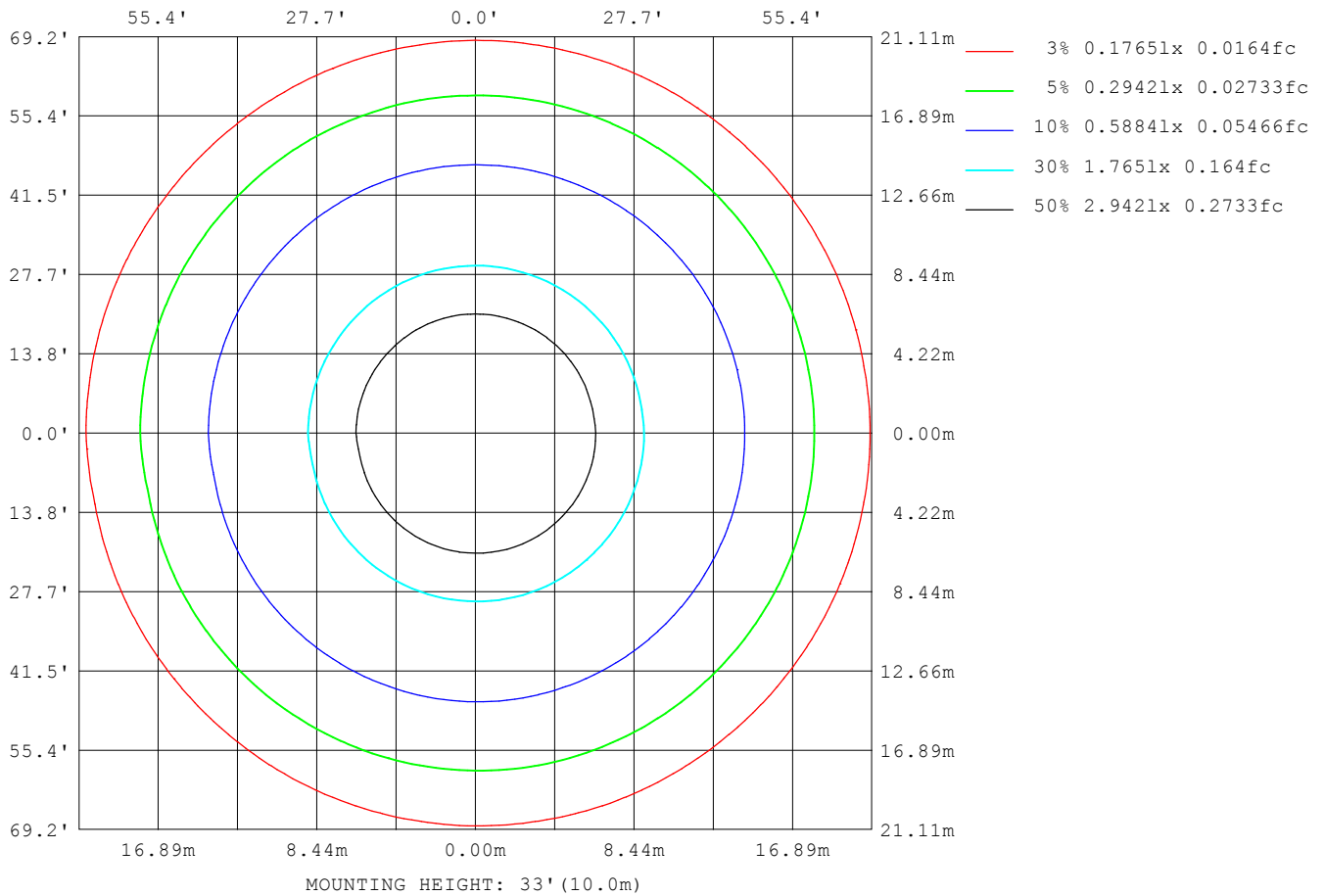
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:
Test Date:2019-05-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.273
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EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

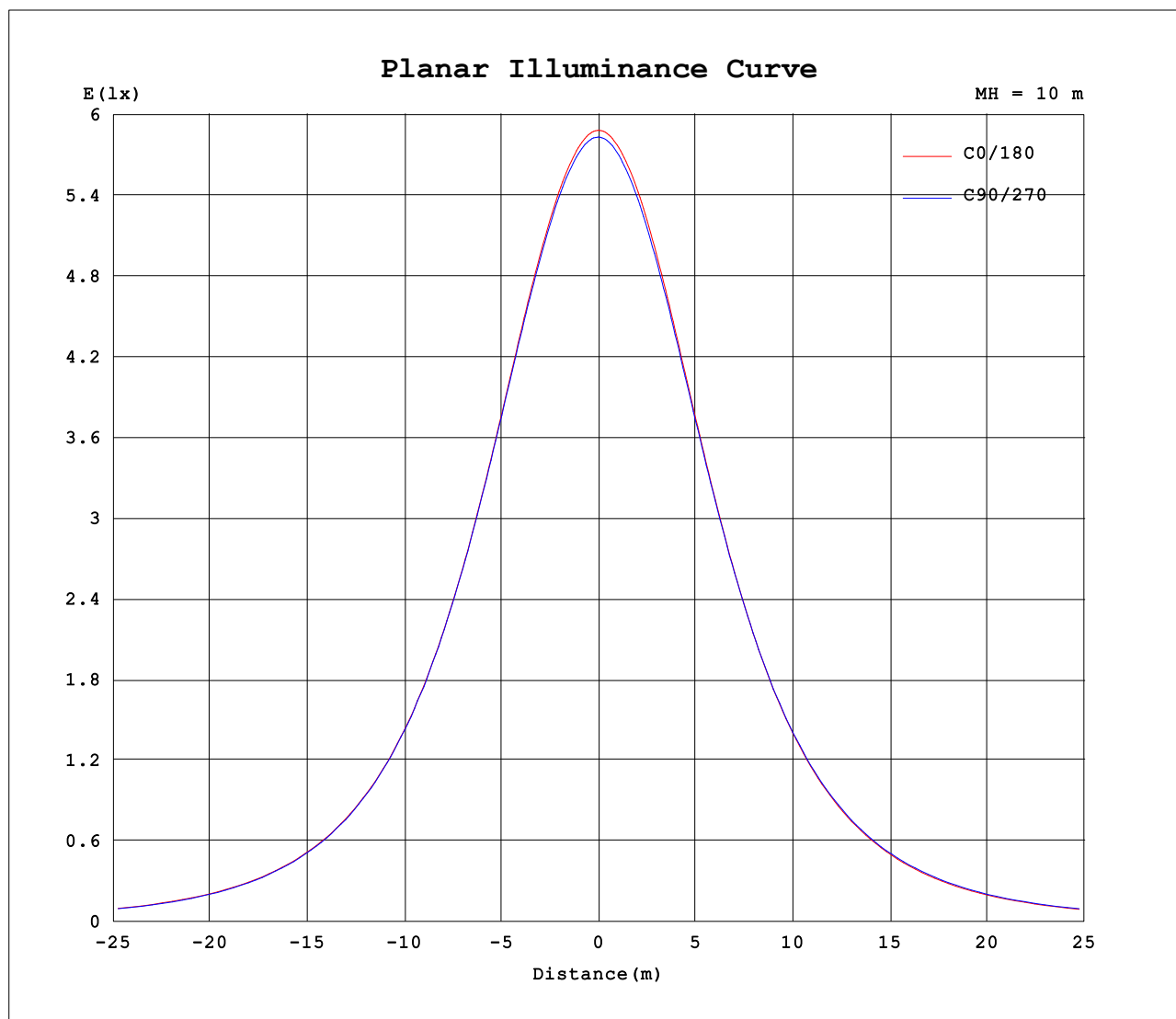
ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:
Test Date: 2019-05-08

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.273
Humidity: 55.0%
Test Distance: 2.488m [K=1.0000]
Remarks: 10226BOSN

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators:
Test Date: 2019-05-08

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.273
Humidity: 55.0%
Test Distance: 2.488m [K=1.0000]
Remarks: 10226BOSN

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	588	588	587	586	585	585	585	584	584	583	583	582	582	582	582	581	581	580	588
5	586	586	585	584	583	583	583	582	582	581	581	580	580	580	579	579	578	578	586
10	580	579	579	578	577	577	577	576	576	575	575	574	574	573	573	573	572	571	579
15	569	569	569	568	568	567	567	567	567	566	565	564	564	563	563	562	561	560	568
20	555	555	555	554	554	553	554	554	553	552	551	551	550	549	548	547	545	544	552
25	535	535	535	535	534	534	534	534	534	533	532	531	530	528	527	525	524	523	531
30	509	509	509	509	509	509	509	509	508	507	507	506	504	502	501	499	497	496	504
35	479	479	479	479	479	478	479	479	478	477	476	475	473	471	470	467	466	464	473
40	443	443	443	444	443	443	444	444	442	442	441	440	438	435	434	432	430	429	437
45	404	404	405	405	405	404	405	405	403	403	402	400	398	396	395	393	391	389	397
50	361	361	362	362	362	362	361	361	360	360	358	357	355	352	351	349	348	346	354
55	316	316	316	315	316	316	315	315	314	313	312	310	308	306	305	303	301	300	307
60	268	268	268	267	267	267	266	266	265	264	262	261	259	258	256	254	253	252	259
65	218	218	217	217	217	217	216	215	214	213	211	210	209	207	206	205	204	203	208
70	167	167	167	166	166	166	165	165	164	163	161	160	159	158	156	155	155	153	158
75	119	119	118	118	117	117	117	116	115	114	113	112	111	110	109	108	108	107	111
80	75.1	75.2	75.3	75.1	75.0	74.2	73.9	73.5	72.2	71.4	70.4	69.4	68.6	67.6	66.9	66.5	65.9	65.6	69.2
85	43.2	43.2	43.4	43.2	43.3	42.9	42.6	42.1	41.4	40.8	40.0	39.3	38.5	37.9	37.2	36.7	36.3	36.2	38.3
90	33.8	34.0	34.1	34.3	34.4	34.5	34.4	34.2	33.9	33.6	33.1	32.7	32.3	31.8	31.2	30.9	30.7	30.5	31.1
95	23.9	23.6	23.7	26.9	30.7	32.2	32.5	32.3	32.1	31.7	31.3	30.9	30.5	29.9	28.4	25.2	22.1	21.2	22.6
100	11.9	11.8	12.9	18.0	22.4	27.1	29.2	29.9	30.0	29.8	29.4	28.7	27.7	25.6	21.5	16.9	11.5	11.7	10.2
105	28.2	25.4	22.2	20.5	18.8	21.2	24.3	26.1	26.8	26.9	26.4	25.3	23.4	20.2	17.0	17.3	19.2	22.1	24.9
110	25.7	23.0	21.8	20.4	17.6	17.4	19.2	21.2	22.5	22.8	22.3	20.8	18.4	16.2	15.4	17.5	19.2	20.1	22.9
115	22.8	20.4	20.0	19.3	16.5	15.0	15.4	16.6	17.5	17.8	17.3	16.1	14.6	13.7	14.4	16.6	18.0	17.8	20.4
120	19.7	17.7	17.3	18.1	14.7	13.0	12.4	13.0	13.3	13.5	13.1	12.5	11.7	11.8	12.9	15.6	16.1	15.4	17.7
125	16.2	14.7	14.5	16.1	13.8	11.3	10.4	10.3	10.3	10.2	10.0	9.75	9.61	10.1	12.0	14.1	13.5	12.7	14.9
130	9.63	9.15	12.1	13.7	12.8	10.8	9.14	8.59	8.43	8.25	8.14	7.98	8.12	9.55	11.3	12.5	12.3	8.50	9.18
135	10.6	10.5	11.1	11.8	12.0	10.3	9.18	8.30	7.64	7.33	7.25	7.54	8.24	9.22	10.9	11.1	10.7	9.77	10.5
140	8.77	9.00	9.41	9.74	10.2	10.1	8.93	8.20	7.78	7.48	7.40	7.53	8.14	9.27	9.86	9.62	9.37	8.93	9.24
145	6.56	7.75	8.14	7.81	8.48	8.99	8.99	8.50	7.99	7.59	7.54	7.90	8.29	8.55	8.48	7.99	8.08	7.63	7.63
150	4.62	5.07	5.36	7.03	7.84	7.90	8.30	8.34	7.83	7.99	7.93	7.91	7.57	7.49	7.78	7.24	5.32	5.67	5.59
155	7.31	7.14	7.29	7.64	7.49	6.97	6.84	6.88	7.44	7.68	7.59	7.19	6.96	7.01	7.41	7.48	7.17	6.66	6.21
160	6.57	6.42	6.23	6.43	6.37	6.18	6.27	6.37	6.15	5.82	5.82	6.18	6.37	6.33	6.44	6.57	6.35	6.45	7.11
165	3.94	3.78	3.59	3.47	3.61	3.90	3.87	3.80	3.72	3.57	3.62	3.78	3.90	4.06	4.33	4.53	4.68	4.91	5.37
170	1.61	1.67	1.71	1.77	1.85	1.75	1.75	1.73	1.73	1.74	1.80	1.96	2.17	2.29	2.34	2.44	2.53	2.63	2.85
175	0.88	0.90	0.90	0.91	0.94	1.01	1.00	1.02	1.09	1.19	1.31	1.45	1.56	1.65	1.73	1.79	1.84	1.88	1.97
180	1.53	1.54	1.49	1.49	1.47	1.47	1.44	1.45	1.40	1.53	1.38	1.44	1.39	1.40	1.38	1.45	1.47	1.47	1.53

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:
Test Date:2019-05-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.273
Humidity:55.0%
Test Distance:2.488m [K=1.0000]
Remarks: 10226BOSN

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	588	587	586	585	585	585	584	584	583	583	582	582	582	582	581	581	580		
5	585	584	583	582	582	582	581	581	580	580	579	579	579	579	579	579	578		
10	579	578	576	575	575	574	574	574	573	572	572	572	572	573	573	572	572		
15	568	567	566	564	564	563	563	563	562	562	562	562	562	562	562	562	562		
20	552	551	550	549	549	549	549	548	548	547	547	548	548	548	548	548	549		
25	530	529	528	528	528	528	528	528	528	528	527	528	528	529	529	529	529		
30	503	503	501	501	501	502	502	502	502	502	502	503	503	504	504	504	504		
35	472	471	470	470	470	471	471	472	472	472	472	473	473	474	474	474	474		
40	436	435	435	434	435	435	436	437	437	437	438	438	439	439	439	439	439		
45	396	395	395	395	395	396	397	398	398	399	399	400	400	401	401	401	401		
50	353	352	352	352	353	354	355	356	356	357	357	358	359	359	359	359	360		
55	307	306	307	307	308	309	310	311	312	312	313	313	314	314	315	315	315		
60	259	258	259	259	260	261	263	264	265	265	266	266	267	267	268	268	268		
65	207	207	207	208	209	210	211	212	213	214	215	216	216	217	217	217	217		
70	158	158	158	159	160	161	162	163	164	165	166	167	167	168	168	168	168		
75	111	111	112	112	113	113	115	115	116	117	118	118	119	120	120	120	120		
80	69.4	70.0	70.6	70.9	71.4	72.0	72.7	73.7	74.0	74.8	74.7	75.7	76.0	76.8	77.1	77.3	77.0		
85	38.6	39.0	39.4	39.7	40.1	40.6	41.0	41.8	42.0	42.3	42.6	43.0	43.3	44.0	44.4	44.4	44.3		
90	31.1	31.1	31.0	30.9	30.8	30.9	31.0	31.2	31.2	31.2	31.3	31.5	31.9	32.3	32.7	33.0	33.2		
95	22.0	21.2	23.8	27.2	29.3	29.9	30.4	30.7	30.8	30.8	30.9	31.0	30.9	29.8	26.3	24.0	24.1		
100	10.3	10.7	14.3	18.7	23.3	26.2	27.8	28.7	29.0	28.9	28.6	27.7	25.3	20.6	16.4	10.5	10.9		
105	23.0	21.9	18.7	15.7	17.4	20.4	22.8	24.2	24.8	24.6	23.7	21.7	18.6	17.0	19.2	22.1	25.0		
110	21.0	20.9	20.6	15.5	14.2	15.5	17.4	18.9	19.5	19.3	18.2	16.7	15.1	16.0	20.3	21.6	22.6		
115	18.7	18.7	20.3	16.4	13.1	12.2	13.1	14.0	14.5	14.4	13.7	13.1	13.2	15.9	20.3	19.5	20.0		
120	16.1	16.2	18.6	16.5	13.2	11.0	10.3	10.3	10.5	10.5	10.5	11.1	12.7	16.0	19.0	16.9	17.2		
125	13.6	13.6	15.9	15.4	13.2	10.8	9.26	8.64	8.47	8.57	9.05	10.4	12.6	15.0	16.5	14.2	14.4		
130	8.51	10.8	13.0	13.5	12.4	10.9	9.38	8.41	8.07	8.25	9.11	10.5	12.2	13.4	13.5	11.9	8.65		
135	9.69	10.5	10.9	11.5	11.4	10.3	9.50	8.95	8.75	8.94	9.51	10.2	11.1	11.3	10.2	9.85	8.88		
140	8.80	9.09	9.45	9.81	10.2	10.0	9.37	8.91	8.81	9.00	9.31	10.0	10.1	9.23	8.33	7.95	7.62		
145	7.58	7.61	8.22	7.83	8.74	9.09	8.96	8.73	8.38	8.67	9.05	9.20	8.67	7.83	6.28	6.93	7.07		
150	5.36	5.02	6.11	7.84	7.53	7.78	8.20	8.31	8.25	7.96	8.02	8.25	7.48	7.27	6.92	4.64	4.56		
155	6.08	6.61	7.12	7.40	7.16	7.05	7.24	7.20	7.16	7.18	7.10	6.60	6.43	6.97	7.16	6.98	7.02		
160	6.74	6.53	6.40	6.57	6.39	6.15	6.31	6.37	6.29	6.53	6.73	6.53	6.02	6.19	6.54	6.48	6.20		
165	5.30	5.20	5.17	5.20	5.29	5.36	5.42	5.43	5.36	5.26	5.43	5.47	5.44	5.39	4.77	4.26	4.10		
170	2.83	2.80	2.86	2.95	3.05	3.11	3.13	3.09	3.07	3.04	2.96	3.00	3.06	2.92	2.71	2.36	2.02		
175	1.97	1.94	1.90	1.85	1.85	1.88	1.89	1.84	1.81	1.77	1.74	1.69	1.63	1.57	1.39	1.16	1.04		
180	1.54	1.53	1.49	1.48	1.47	1.46	1.44	1.44	1.41	1.47	1.38	1.38	1.39	1.40	1.40	1.46	1.47		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:
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γ Range: 0 - 180DEG
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Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.273
Humidity:55.0%
Test Distance:2.488m [K=1.0000]
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