

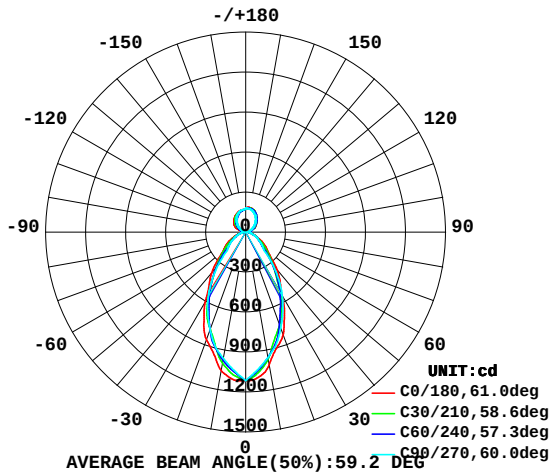
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

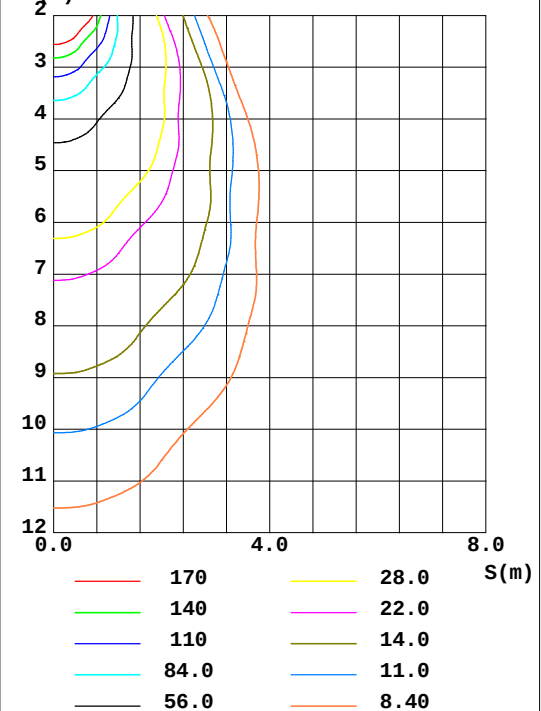
EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.99 lm/W			
MODEL		I _{max} (cd)	1115	S/MH(C0/180)	0.93
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	1868.2	η UP, DN(C0-180)	13.0, 36.8
NOMINAL FLUX(lm)	1868.17	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.4, 37.8
LAMPS INSIDE	1	η up(%)	25.4	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	74.6	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



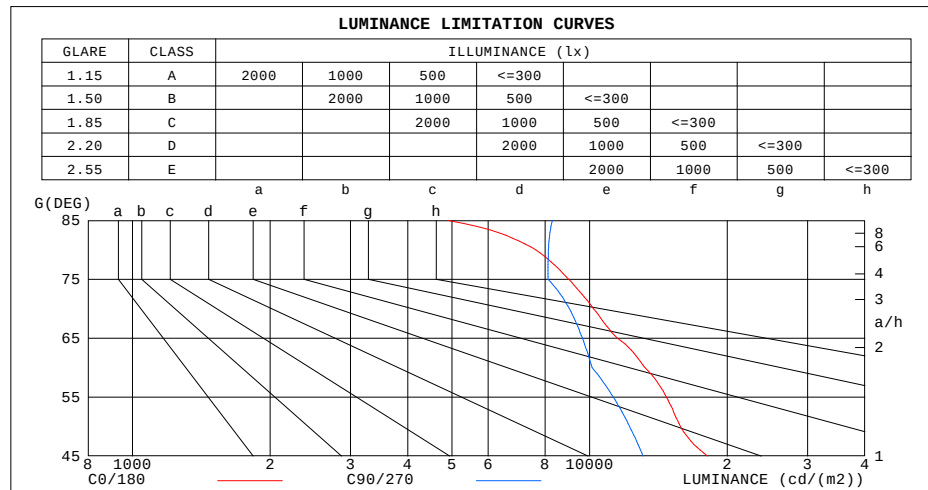
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	1094	1051	1036	1059	1110	1061	1040	1054	0- 5	25.83	25.83	1.38, 1.38
10	1016	962.6	958.0	979.4	1057	984.7	964.6	967.6	5- 10	72.91	98.74	5.29, 5.29
15	900.5	842.0	879.6	881.4	939.0	888.3	889.5	850.3	10- 15	110.0	208.7	11.2, 11.2
20	821.9	733.0	770.0	760.2	861.3	771.4	781.5	742.6	15- 20	135.8	344.5	18.4, 18.4
25	689.2	630.4	660.3	655.9	743.3	664.0	673.4	640.3	20- 25	150.5	495.0	26.5, 26.5
30	540.8	509.7	550.6	545.6	610.7	552.1	565.4	521.1	25- 30	151.8	646.8	34.6, 34.6
35	450.5	399.8	431.9	424.0	479.3	430.0	443.0	405.5	30- 35	141.6	788.4	42.2, 42.2
40	365.2	307.1	313.2	328.8	395.7	334.7	320.5	313.7	35- 40	126.2	914.5	49, 49
45	268.7	239.1	194.5	252.9	300.2	257.7	198.1	242.6	40- 45	106.2	1021	54.6, 54.6
50	213.4	183.5	165.1	188.5	224.7	195.2	168.0	185.9	45- 50	85.91	1107	59.2, 59.2
55	177.5	137.3	135.8	135.1	186.2	144.9	138.0	138.8	50- 55	73.04	1180	63.1, 63.1
60	130.9	111.6	106.4	103.6	150.8	118.4	108.0	112.9	55- 60	61.62	1241	66.4, 66.4
65	102.1	86.86	85.62	75.73	115.0	92.78	87.10	87.93	60- 65	50.02	1291	69.1, 69.1
70	73.26	64.74	64.87	53.49	82.61	69.77	66.22	65.67	65- 70	39.19	1330	71.2, 71.2
75	48.96	45.29	44.12	35.97	54.36	49.06	45.34	46.14	70- 75	28.90	1359	72.8, 72.8
80	27.83	27.16	29.65	20.13	15.51	29.25	30.32	27.89	75- 80	19.07	1378	73.8, 73.8
85	8.977	14.09	15.18	10.04	5.973	14.59	15.31	14.18	80- 85	10.75	1389	74.4, 74.4
90	0.2661	1.195	0.7049	0.4295	0.1757	0.2895	0.2897	0.6395	85- 90	3.554	1393	74.6, 74.6
95	1.191	8.729	7.275	11.11	0.7441	7.485	6.539	7.622	90- 95	1.939	1395	74.7, 74.7
100	7.744	16.66	13.85	22.26	6.963	15.16	12.79	14.97	95-100	5.730	1400	75, 75
105	18.29	32.10	20.42	39.61	31.74	29.84	19.04	30.37	100-105	11.32	1412	75.6, 75.6
110	35.83	48.08	32.40	56.43	59.09	45.12	30.34	46.57	105-110	18.64	1430	76.6, 76.6
115	65.81	60.96	44.39	69.13	84.19	59.00	41.65	59.54	110-115	26.37	1457	78, 78
120	77.25	72.41	56.38	79.98	97.06	73.64	52.95	70.99	115-120	32.01	1489	79.7, 79.7
125	87.43	84.60	71.45	91.06	106.9	89.16	67.77	83.15	120-125	36.21	1525	81.6, 81.6
130	98.85	97.17	86.53	101.7	115.8	99.96	82.58	95.73	125-130	39.52	1564	83.7, 83.7
135	111.3	110.8	101.6	112.8	124.7	111.0	97.40	109.3	130-135	41.80	1606	86, 86
140	124.3	125.6	115.7	124.2	133.8	121.6	111.3	124.0	135-140	42.86	1649	88.3, 88.3
145	137.5	139.2	129.9	132.9	142.4	130.3	125.2	134.3	140-145	42.66	1692	90.6, 90.6
150	150.8	152.2	144.0	141.4	149.7	138.3	139.1	143.7	145-150	40.97	1733	92.8, 92.8
155	164.1	164.9	153.7	150.7	155.6	146.8	148.3	140.8	150-155	37.64	1770	94.8, 94.8
160	175.1	175.4	163.3	160.3	161.9	155.1	157.6	158.6	155-160	33.05	1803	96.5, 96.5
165	183.1	179.8	172.9	166.3	167.7	160.5	166.8	174.1	160-165	27.44	1831	98, 98
170	186.8	182.3	176.3	172.1	170.3	165.8	169.3	176.2	165-170	20.47	1851	99.1, 99.1
175	186.3	183.2	179.7	177.8	170.7	169.4	171.9	176.2	170-175	12.57	1864	99.8, 99.8
180	183.1	183.1	183.1	183.1	174.4	174.4	174.4	174.4	175-180	4.243	1868	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



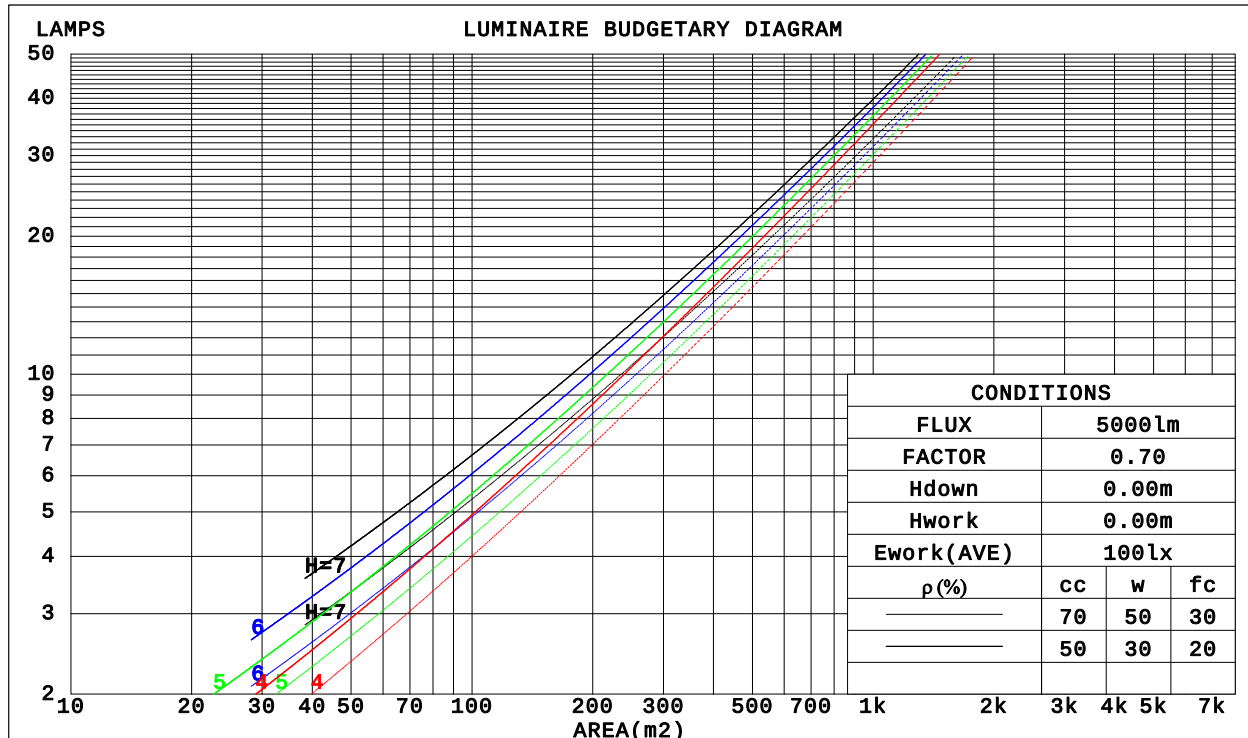
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.79	.79	.79	.75
1.0	1.01	.97	.94	.96	.93	.90	.87	.85	.83	.79	.78	.76	.72	.71	.69	.66
2.0	.90	.85	.80	.86	.81	.77	.79	.75	.72	.72	.69	.66	.65	.63	.61	.58
3.0	.81	.74	.69	.78	.72	.67	.71	.66	.63	.65	.62	.58	.60	.57	.54	.51
4.0	.73	.66	.60	.70	.64	.59	.65	.59	.55	.60	.55	.52	.55	.51	.49	.46
5.0	.67	.59	.54	.64	.57	.52	.59	.54	.49	.55	.50	.47	.51	.47	.44	.41
6.0	.61	.53	.48	.59	.52	.47	.54	.49	.44	.51	.46	.42	.47	.43	.40	.38
7.0	.56	.49	.43	.54	.47	.42	.50	.45	.40	.47	.42	.38	.44	.40	.36	.34
8.0	.52	.44	.39	.50	.43	.39	.47	.41	.37	.44	.39	.35	.41	.37	.34	.32
9.0	.48	.41	.36	.46	.40	.35	.43	.38	.34	.41	.36	.32	.38	.34	.31	.29
10.0	.45	.38	.33	.43	.37	.33	.41	.35	.31	.38	.33	.30	.36	.32	.29	.27



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm					
NAME: EB1			TYPE:		WEIGHT:
SPEC.:			DIM.: 640*33*55		SERIAL No.:
MFR.: Utopia Lighting			SUR.:640*33		PROTECTION ANGLE:

ρ_{CC}	80%			70%			50%			30%			10%			0	
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.250	.142	.045	.235	.134	.043	.208	.119	.038	.183	.105	.034	.160	.092	.030		
2.0	.235	.129	.040	.222	.122	.038	.198	.110	.034	.175	.098	.031	.154	.087	.027		
3.0	.220	.117	.035	.208	.111	.033	.186	.101	.031	.165	.090	.028	.146	.081	.025		
4.0	.205	.106	.031	.194	.102	.030	.174	.092	.028	.155	.083	.025	.138	.075	.023		
5.0	.191	.097	.028	.182	.093	.027	.163	.085	.025	.146	.077	.023	.130	.069	.021		
6.0	.179	.090	.026	.170	.086	.025	.153	.079	.023	.138	.072	.021	.123	.065	.019		
7.0	.168	.083	.024	.160	.080	.023	.145	.073	.021	.130	.067	.019	.116	.060	.018		
8.0	.158	.077	.022	.151	.074	.021	.137	.068	.019	.123	.062	.018	.110	.057	.017		
9.0	.150	.072	.020	.143	.069	.019	.129	.064	.018	.117	.059	.017	.105	.053	.015		
10.0	.141	.068	.019	.135	.065	.018	.123	.060	.017	.111	.055	.016	.100	.050	.014		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.384	.384	.384	.329	.329	.329	.224	.224	.224	.129	.129	.129	.041	.041	.041		
1.0	.372	.352	.335	.318	.302	.288	.218	.208	.199	.125	.120	.116	.040	.039	.037		
2.0	.362	.329	.302	.310	.283	.261	.212	.196	.182	.122	.114	.107	.039	.037	.035		
3.0	.353	.312	.279	.302	.269	.242	.208	.187	.170	.120	.109	.100	.039	.035	.033		
4.0	.345	.299	.264	.296	.258	.229	.203	.180	.161	.118	.105	.095	.038	.034	.031		
5.0	.337	.288	.252	.290	.250	.220	.200	.174	.155	.116	.102	.092	.037	.033	.030		
6.0	.331	.280	.244	.284	.243	.213	.196	.170	.150	.114	.100	.089	.037	.033	.030		
7.0	.324	.274	.238	.279	.237	.207	.193	.166	.147	.112	.098	.087	.036	.032	.029		
8.0	.319	.268	.233	.274	.232	.203	.190	.163	.144	.110	.096	.086	.036	.032	.028		
9.0	.313	.263	.229	.270	.228	.200	.187	.161	.142	.109	.095	.085	.035	.031	.028		
10.0	.308	.259	.226	.266	.225	.198	.184	.158	.140	.108	.094	.084	.035	.031	.028		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm											
NAME: EB1					TYPE:			WEIGHT:			
SPEC.:					DIM.: 640*33*55			SERIAL No.:			
MFR.: Utopia Lighting					SUR.:640*33			PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	19.3	20.3	19.9	20.9	21.5	18.3	19.3	18.9	19.9	20.5	
	20.3	21.2	20.9	21.8	22.5	19.3	20.2	19.9	20.8	21.5	
	20.6	21.5	21.3	22.1	22.8	19.7	20.6	20.3	21.2	21.9	
	20.9	21.7	21.5	22.3	23.1	20.0	20.9	20.7	21.5	22.2	
	20.9	21.7	21.6	22.3	23.1	20.2	21.0	20.8	21.6	22.4	
	20.9	21.7	21.6	22.3	23.1	20.3	21.0	21.0	21.7	22.5	
4H	2H	19.5	20.3	20.1	21.0	21.7	18.6	19.5	19.3	20.1	20.8
	3H	20.6	21.4	21.3	22.0	22.8	19.8	20.6	20.5	21.2	22.0
	4H	21.1	21.8	21.8	22.5	23.3	20.3	21.0	21.0	21.7	22.5
	6H	21.4	22.0	22.2	22.7	23.6	20.8	21.4	21.5	22.1	22.9
	8H	21.5	22.1	22.3	22.8	23.7	21.0	21.5	21.7	22.3	23.1
	12H	21.6	22.0	22.3	22.8	23.7	21.1	21.6	21.9	22.4	23.3
8H	4H	21.2	21.7	21.9	22.4	23.3	20.5	21.0	21.2	21.7	22.6
	6H	21.6	22.1	22.4	22.8	23.7	21.1	21.5	21.8	22.3	23.2
	8H	21.8	22.2	22.6	22.9	23.9	21.3	21.7	22.1	22.5	23.5
	12H	21.8	22.2	22.6	23.0	23.9	21.6	21.9	22.4	22.7	23.7
12H	4H	21.1	21.6	21.9	22.4	23.3	20.4	20.9	21.2	21.7	22.6
	6H	21.6	22.0	22.4	22.8	23.7	21.1	21.5	21.9	22.3	23.2
	8H	21.8	22.1	22.6	22.9	23.9	21.4	21.7	22.2	22.5	23.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
1.5H	+ 0.3 / - 0.3					+ 0.4 / - 0.3					
2.0H	+ 0.5 / - 0.7					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 1868 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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 Operators:
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.190m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

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MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

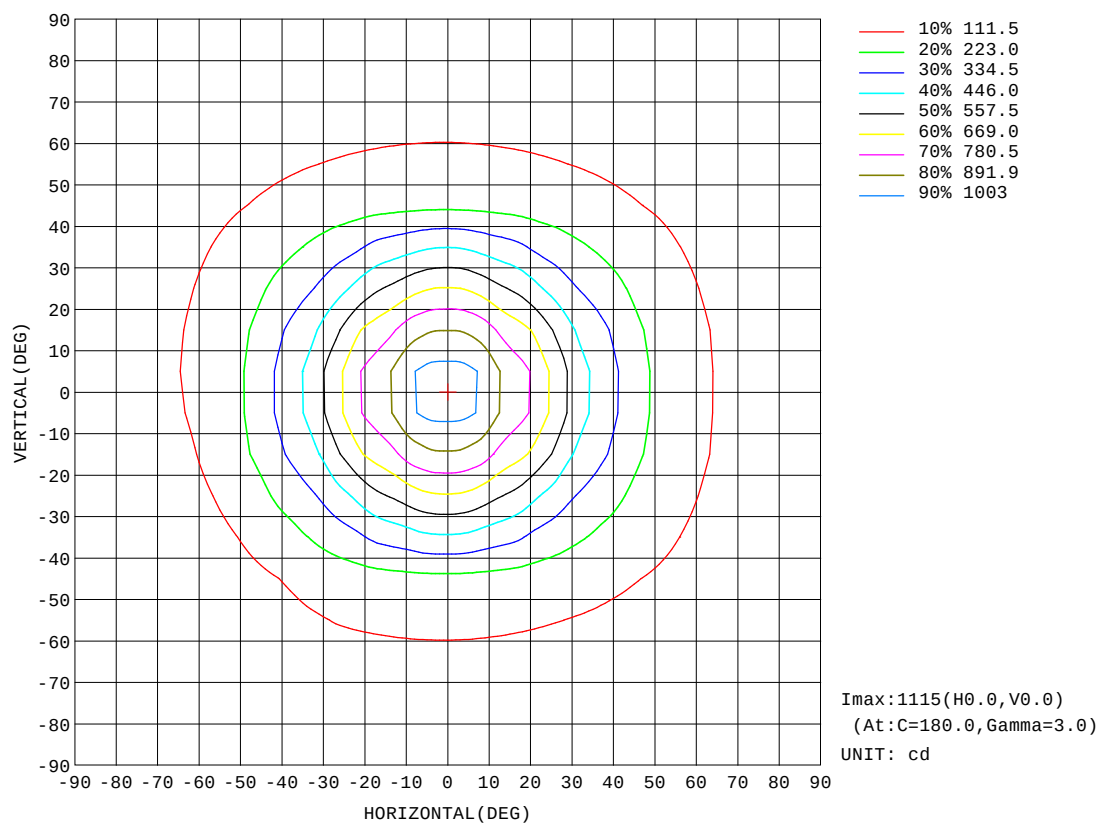
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	50	45	59	50	44	56	48	43	37
0.80	69	59	53	67	58	53	63	56	51	44
1.00	76	67	61	74	65	59	69	63	57	49
1.25	82	73	67	79	71	66	74	68	63	53
1.50	87	78	72	83	76	70	77	71	67	56
2.00	92	85	79	89	82	77	82	77	73	60
2.50	96	89	84	92	86	81	84	80	76	62
3.00	98	92	88	94	89	85	86	82	79	64
4.00	102	97	93	97	93	89	89	86	83	67
5.00	104	100	96	99	96	92	90	88	85	68
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
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ISOCANDELA DIAGRAM

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SPEC.:	DIM.: 640*33*55	SERIAL No.:
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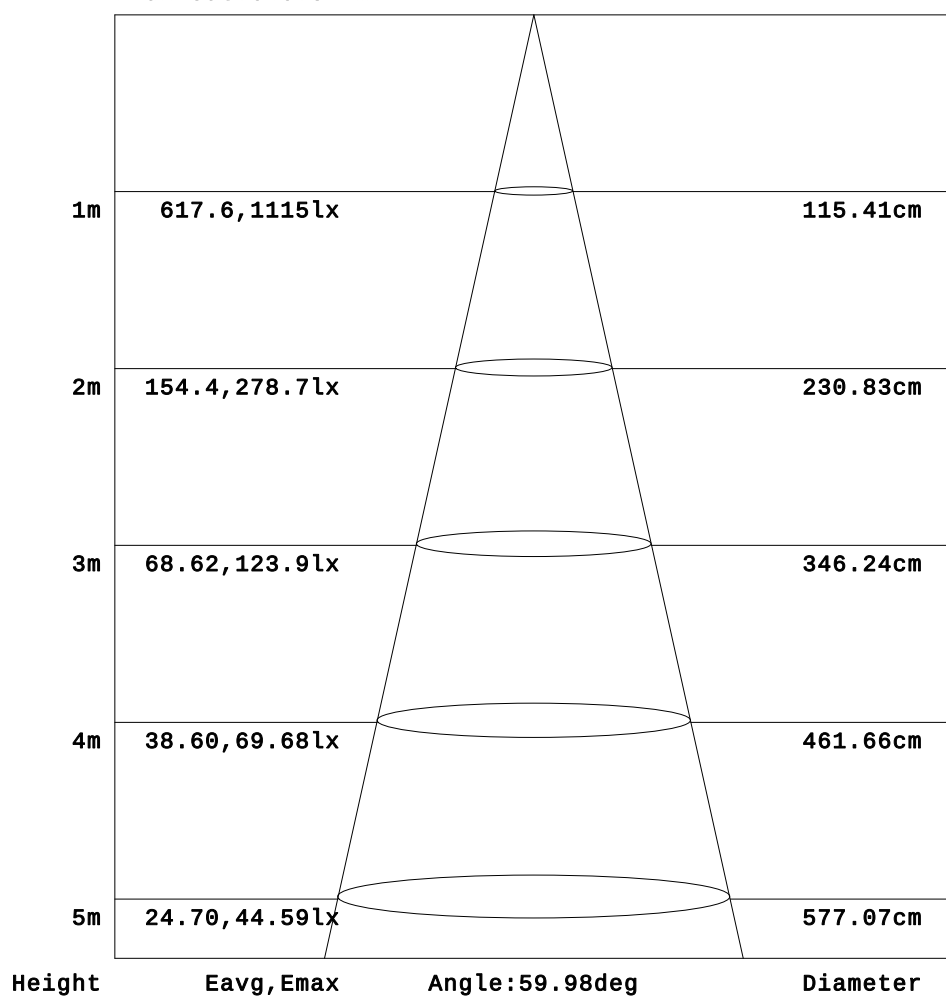
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AAI Figure

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NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:646.8 lm



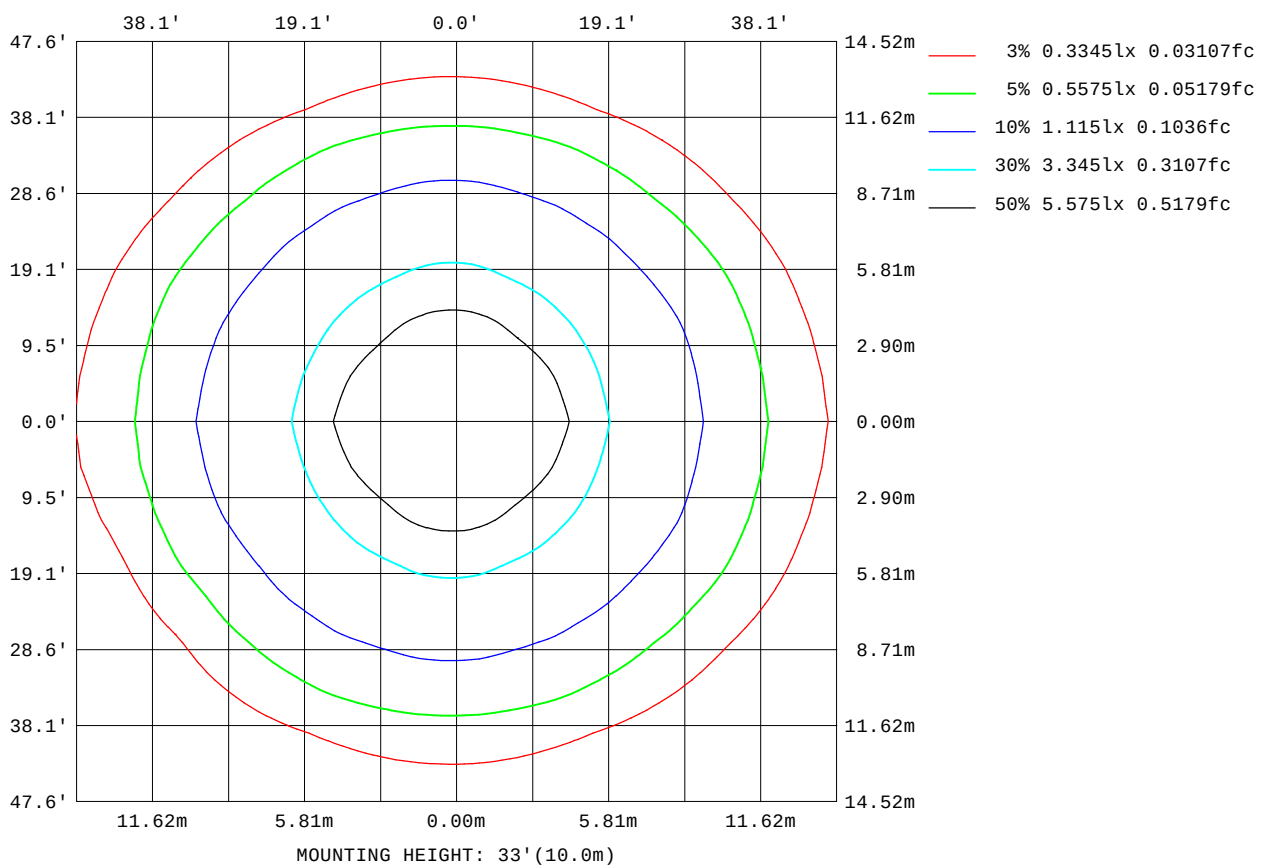
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

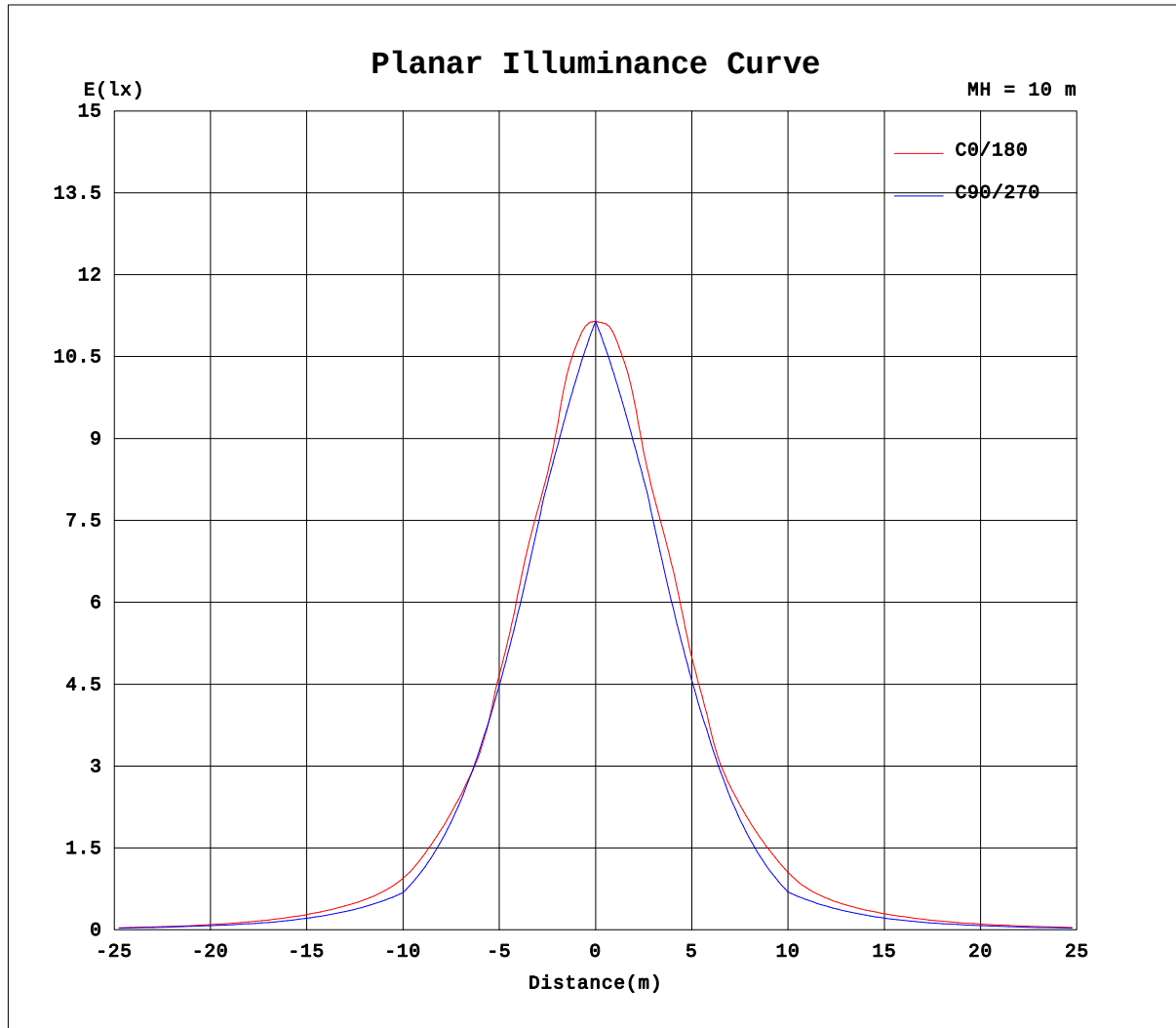
AvgL	cd/m2
L_0~180(65)av	12231
L_0~180(75)av	9505
L_0~180(85)av	4084
L_90~270(65)av	9731
L_90~270(75)av	8230
L_90~270(85)av	8327
L_45(65)av	9671
L_45(75)av	8117
L_45(85)av	7226

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
5	1094	1088	1081	1076	1070	1065	1061	1057	1054	1051	1049	1047	1044	1042	1040	1039	1038	1037	1036
10	1016	1004	993	985	978	974	970	967	965	963	960	959	958	958	959	959	959	959	958
15	901	885	871	859	849	841	836	834	836	842	851	860	866	869	872	875	879	880	880
20	822	802	786	773	762	753	746	739	735	733	732	734	743	753	759	763	767	769	770
25	689	670	655	645	639	637	639	644	637	630	624	620	619	626	636	646	654	658	660
30	541	525	516	511	510	513	518	515	511	510	512	515	515	514	517	525	541	547	551
35	450	435	425	418	414	408	400	398	401	400	395	399	411	412	410	413	423	429	432
40	365	352	344	342	339	329	321	314	309	307	308	306	311	314	310	307	309	312	313
45	269	262	260	260	259	258	251	243	243	239	236	232	225	221	213	205	199	196	195
50	213	209	209	208	204	203	200	194	187	183	176	166	161	161	162	162	163	165	165
55	178	173	173	167	164	161	157	152	145	137	136	135	134	134	134	134	135	135	136
60	139	136	136	131	128	124	121	115	113	112	110	109	108	107	107	106	106	106	106
65	102	101	100	98.0	96.3	93.6	91.0	89.7	88.2	86.9	85.5	84.4	84.3	84.3	84.5	84.7	85.0	85.3	85.6
70	73.3	73.2	71.6	70.5	69.6	68.3	67.4	66.1	64.9	64.7	64.5	64.4	64.2	64.2	64.2	64.3	64.4	64.7	64.9
75	49.0	48.9	48.4	48.1	47.2	46.5	45.9	45.7	45.5	45.3	45.0	44.7	44.4	44.2	44.0	43.9	43.9	44.0	44.1
80	27.8	27.7	28.2	27.6	27.4	27.3	27.2	27.1	26.8	27.2	27.6	28.0	28.4	28.7	28.9	29.1	29.4	29.5	29.6
85	8.98	9.68	9.57	9.71	9.99	11.5	12.5	13.3	13.7	14.1	14.3	14.5	14.7	14.8	14.9	15.0	15.1	15.1	15.2
90	0.27	1.34	1.34	1.34	1.33	1.28	1.27	1.26	1.21	1.20	1.17	1.12	1.09	1.06	0.98	0.91	0.84	0.75	0.70
95	1.19	1.93	2.17	2.58	2.18	3.36	4.70	5.97	7.32	8.73	10.0	11.2	12.5	11.7	10.6	9.47	8.48	7.69	7.28
100	7.74	8.42	8.96	9.39	10.0	11.2	12.3	13.5	14.4	16.7	19.2	21.6	23.9	22.2	20.1	18.0	16.1	14.6	13.8
105	18.3	19.1	19.7	20.8	22.5	23.9	25.8	29.2	33.1	32.1	32.3	33.5	34.9	32.7	29.7	26.7	23.8	21.6	20.4
110	35.8	37.0	37.8	39.9	42.2	46.9	45.3	47.6	50.6	48.1	46.6	46.2	45.7	43.6	41.1	38.4	35.7	33.5	32.4
115	65.8	65.7	64.8	65.8	64.2	64.8	63.1	62.9	61.9	61.0	59.7	58.1	56.5	54.7	52.6	50.2	47.6	45.5	44.4
120	77.2	76.8	77.1	76.3	76.2	75.1	74.5	74.1	73.3	72.4	71.5	70.2	68.7	67.1	65.0	62.5	59.8	57.5	56.4
125	87.4	86.8	87.5	86.7	86.4	86.4	85.8	85.4	85.0	84.6	83.9	82.9	82.1	81.1	79.6	77.4	75.0	72.9	71.5
130	98.9	98.1	98.5	98.7	98.1	98.1	98.3	97.8	97.5	97.2	96.8	96.5	96.2	95.6	94.4	92.3	90.2	88.2	86.5
135	111	110	111	112	111	111	111	111	111	111	111	111	111	110	109	107	105	104	102
140	124	123	123	124	125	124	124	124	125	126	126	126	125	125	124	122	120	118	116
145	138	136	136	137	138	138	138	138	138	139	140	141	140	140	138	136	134	132	130
150	151	150	149	150	150	152	153	152	152	152	152	153	153	152	151	150	148	146	144
155	164	163	163	163	163	164	165	166	166	165	164	164	163	162	161	159	157	155	154
160	175	174	174	173	173	174	174	174	175	175	175	174	173	171	170	168	166	165	163
165	183	182	182	181	181	181	180	180	180	180	180	179	179	178	177	176	175	174	173
170	187	186	186	185	185	184	184	183	183	182	182	181	181	180	179	178	178	177	176
175	186	186	186	185	185	185	184	184	184	183	183	182	182	182	181	181	180	180	180
180	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
5	1037	1037	1039	1041	1044	1047	1051	1055	1059	1064	1069	1073	1079	1084	1091	1097	1104	1110	1104
10	958	960	963	966	970	972	974	976	979	984	990	996	1004	1012	1021	1032	1044	1057	1044
15	880	883	885	885	883	883	884	884	881	878	876	876	880	886	896	908	922	939	923
20	771	774	775	774	775	774	768	762	760	761	766	773	782	794	807	823	841	861	842
25	662	663	661	657	651	645	643	648	656	667	680	682	683	687	694	705	721	743	723
30	552	551	547	536	533	535	540	544	546	546	548	555	559	558	562	572	588	611	590
35	433	434	429	424	428	435	433	425	424	430	432	430	433	438	442	450	462	479	464
40	315	317	316	320	328	333	327	325	329	331	332	337	347	360	365	371	380	396	381
45	197	203	210	219	231	238	243	249	253	253	254	260	271	280	285	285	289	300	291
50	166	166	166	166	166	166	172	182	188	191	193	201	205	208	217	220	221	225	221
55	136	137	137	137	138	139	139	137	135	137	143	147	149	154	167	181	181	186	182
60	107	107	108	110	111	112	110	108	104	99.7	97.1	102	104	107	118	129	137	151	147
65	85.9	86.2	86.4	86.8	87.2	87.3	82.3	78.3	75.7	73.5	71.5	69.8	70.9	73.0	75.6	83.3	94.4	115	112
70	65.1	65.5	65.8	66.2	66.7	65.6	60.9	56.9	53.5	50.9	49.9	49.0	47.7	47.6	48.5	51.0	57.3	82.6	81.3
75	44.4	44.8	45.3	45.8	46.4	44.2	41.1	38.6	36.0	33.9	32.8	31.8	30.2	30.0	28.9	29.1	29.3	54.4	53.2
80	29.8	29.9	30.0	30.1	30.0	27.5	25.1	23.0	20.1	18.2	18.3	18.1	17.2	16.8	16.8	16.1	15.7	15.5	30.5
85	15.3	15.4	15.3	15.4	15.3	13.9	12.6	11.5	10.0	9.05	8.59	8.10	7.60	7.49	8.07	8.79	8.42	5.97	12.2
90	0.73	0.76	0.67	0.66	0.58	0.46	0.41	0.40	0.43	0.43	0.43	0.43	0.48	0.52	0.47	0.45	0.32	0.18	0.19
95	7.56	8.28	9.11	10.2	11.4	12.7	13.0	12.6	11.1	9.39	6.91	5.29	3.60	1.98	2.74	2.23	1.92	0.74	0.73
100	14.4	15.8	17.5	19.6	22.1	24.7	25.6	25.1	22.3	19.5	17.7	17.8	16.5	15.2	14.4	14.0	13.7	6.96	6.98
105	21.2	23.4	26.0	29.1	32.7	36.2	38.1	39.2	39.6	41.4	41.1	40.1	37.2	36.2	33.9	33.1	31.9	31.7	17.5
110	33.0	34.8	37.2	40.1	43.5	47.0	50.1	53.1	56.4	61.5	62.5	61.4	62.8	61.6	60.8	59.6	59.0	59.1	42.5
115	44.8	46.2	48.5	51.0	54.2	57.8	61.5	65.5	69.1	72.7	75.8	78.3	80.8	81.6	83.6	83.3	83.9	84.2	71.6
120	56.6	57.8	60.1	62.5	65.7	69.3	72.9	76.5	80.0	83.4	86.8	89.1	91.5	94.0	94.9	96.3	96.3	97.1	91.8
125	71.1	71.6	73.2	75.4	78.2	81.3	84.6	87.8	91.1	93.9	96.5	99.1	102	103	105	106	106	107	106
130	85.6	85.5	86.5	88.2	90.8	93.5	96.3	99.1	102	104	107	109	111	112	114	114	115	116	114
135	100	99.5	99.8	101	103	105	108	110	113	115	118	119	120	122	123	123	123	125	123
140	114	113	113	114	115	117	119	121	124	126	127	128	130	131	132	132	132	134	132
145	128	127	127	127	128	129	131	132	133	134	136	137	139	140	140	140	141	142	141
150	142	141	140	140	140	139	140	140	141	143	144	146	147	147	147	147	148	150	148
155	152	151	150	150	149	149	150	150	151	152	153	153	153	153	153	154	154	156	154
160	162	161	160	160	160	160	160	160	160	160	159	159	159	159	160	160	161	162	161
165	172	171	170	169	168	168	167	167	166	166	166	166	166	166	166	167	167	168	167
170	176	175	174	174	173	173	172	172	172	172	172	172	172	172	173	173	174	170	170
175	179	179	179	179	178	178	178	178	178	178	178	178	178	178	178	178	179	171	170
180	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	174	174

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
5	1098	1091	1086	1080	1075	1071	1066	1061	1057	1053	1050	1047	1044	1042	1041	1040	1040	1040	1041
10	1033	1023	1014	1007	999	993	988	985	982	980	979	976	973	970	967	965	965	965	966
15	910	899	890	885	882	883	885	888	891	892	892	893	895	895	893	890	890	890	890
20	825	810	797	787	779	773	770	771	774	779	784	785	785	786	786	783	781	782	780
25	707	698	692	690	689	687	674	664	657	653	656	663	668	672	675	675	673	672	666
30	576	566	560	559	559	556	555	552	550	547	544	544	549	556	563	566	565	562	552
35	452	446	444	443	439	437	434	430	431	438	441	437	434	438	442	444	443	440	432
40	373	369	365	354	344	339	337	335	330	332	337	333	326	323	323	322	321	319	316
45	288	289	285	279	271	264	261	258	254	246	242	234	223	213	206	201	198	199	203
50	222	221	218	217	212	206	202	195	186	175	169	168	168	168	169	169	168	167	166
55	183	178	174	172	167	161	154	145	143	142	141	140	139	139	139	138	138	137	137
60	146	142	139	134	129	122	120	118	117	115	113	112	111	110	109	108	108	108	108
65	110	109	105	102	98.2	96.4	94.6	92.8	90.8	89.1	88.6	88.3	88.0	87.7	87.5	87.3	87.1	86.8	86.4
70	80.1	78.6	76.8	74.9	73.9	72.2	70.5	69.8	69.3	68.7	68.2	67.7	67.3	67.0	66.7	66.5	66.2	66.0	65.7
75	53.3	52.3	51.9	51.1	51.1	49.7	49.2	49.1	49.2	48.6	47.9	47.3	46.8	46.3	45.9	45.6	45.3	45.2	45.1
80	30.0	29.5	29.2	29.1	28.8	27.4	28.2	29.2	30.7	30.8	30.8	30.7	30.7	30.6	30.6	30.5	30.3	30.2	30.0
85	12.1	11.5	11.1	11.8	12.3	12.5	13.9	14.6	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.3	15.3	15.3
90	0.22	0.24	0.28	0.28	0.28	0.31	0.29	0.29	0.28	0.28	0.28	0.30	0.30	0.29	0.43	0.45	0.29	0.43	0.48
95	1.11	1.35	0.91	2.25	3.57	4.71	5.96	7.48	9.47	10.7	11.5	10.6	9.30	8.16	7.29	6.49	6.54	7.01	7.78
100	7.24	7.88	8.52	9.64	11.4	12.1	12.6	15.2	19.1	21.3	22.9	20.7	18.2	16.0	14.1	12.5	12.8	13.6	15.0
105	18.0	18.8	21.2	22.3	25.9	28.3	29.7	29.8	31.7	33.3	34.2	30.8	27.3	23.9	21.1	18.6	19.0	20.2	22.4
110	39.1	38.8	39.6	41.6	42.4	45.0	46.4	45.1	45.2	46.3	45.1	41.3	37.8	34.7	32.0	30.0	30.3	32.0	34.3
115	64.7	60.2	58.4	58.5	57.9	58.6	59.0	59.0	58.9	59.0	55.6	51.7	48.4	45.5	42.8	41.4	41.6	43.8	46.1
120	89.0	81.3	74.9	73.9	73.0	72.1	72.8	73.6	73.0	70.7	66.8	62.9	59.6	56.6	53.9	52.9	53.0	55.6	58.1
125	105	98.4	93.3	91.9	91.2	89.0	88.5	89.2	85.5	82.2	78.6	75.1	72.1	69.4	67.4	67.0	67.8	68.6	73.2
130	114	112	109	109	107	104	103	100.0	96.9	93.7	90.5	87.4	84.7	82.2	81.2	81.2	82.6	82.7	88.2
135	123	123	121	119	118	117	114	111	108	105	102	99.3	97.2	95.1	95.1	95.6	97.4	97.5	103
140	132	131	131	129	127	126	124	122	119	116	113	111	109	108	109	109	111	113	110
145	140	140	140	139	137	134	132	130	128	127	125	123	122	122	122	123	125	127	123
150	148	147	146	146	145	142	140	138	137	135	134	134	134	135	136	137	139	141	140
155	153	152	152	151	150	150	148	147	146	144	144	143	144	145	145	147	148	150	152
160	159	158	158	157	156	156	156	155	154	153	153	153	154	154	155	156	158	159	161
165	165	164	164	163	162	161	161	160	161	161	161	162	163	164	165	166	167	168	169
170	169	168	168	167	167	166	166	166	166	166	166	166	167	167	168	169	169	170	171
175	170	170	170	170	170	169	169	169	169	170	170	170	170	171	171	171	172	172	173
180	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1603A P:19.06W PF:0.9892 Lamp Flux:1868.17x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115				
5	1042	1044	1045	1047	1050	1052	1054	1057	1060	1063	1067	1072	1077	1082	1088				
10	967	967	966	965	966	966	968	969	971	973	977	981	987	995	1004				
15	887	884	880	875	869	860	850	843	841	841	846	852	862	873	886				
20	775	771	764	754	745	743	743	743	747	753	759	767	777	789	804				
25	658	648	637	629	629	634	640	649	656	650	645	644	648	657	670				
30	539	529	524	524	524	522	521	520	521	524	523	520	517	519	527				
35	423	419	421	420	409	403	405	408	407	407	413	419	422	427	437				
40	314	316	320	318	312	313	314	314	319	326	335	344	346	348	353				
45	209	217	225	230	235	240	243	247	249	256	262	265	265	261	262				
50	165	164	164	163	168	178	186	191	197	202	204	205	209	209	209				
55	136	136	136	136	136	137	139	146	153	158	163	165	168	173	173				
60	108	108	109	110	110	112	113	114	116	122	125	129	132	136	136				
65	86.1	85.8	85.6	85.5	85.5	86.6	87.9	89.2	90.5	91.9	94.4	97.2	98.9	101	101				
70	65.5	65.4	65.3	65.3	65.4	65.5	65.7	65.8	66.9	68.1	68.9	70.1	71.1	72.0	73.4				
75	45.0	45.1	45.2	45.4	45.7	45.9	46.1	46.3	46.5	46.5	47.0	47.7	48.4	48.6	49.1				
80	29.8	29.5	29.3	29.0	28.7	28.3	27.9	27.5	27.8	27.9	27.8	27.9	28.0	28.5	28.1				
85	15.2	15.0	14.9	14.8	14.6	14.4	14.2	13.9	13.4	12.8	11.8	10.4	10.1	9.91	9.94				
90	0.53	0.53	0.55	0.59	0.60	0.61	0.64	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68				
95	8.78	9.81	10.8	11.4	10.1	8.84	7.62	6.22	4.88	3.58	2.24	1.26	1.75	1.32	1.20				
100	17.0	19.0	21.0	22.3	19.8	17.4	15.0	12.7	11.9	10.8	9.77	8.77	8.21	7.97	7.60				
105	25.4	28.4	31.2	33.4	31.5	30.5	30.4	31.1	27.1	24.0	22.3	21.0	19.6	18.6	18.2				
110	37.0	39.7	42.1	44.2	44.4	45.0	46.6	49.2	45.1	43.6	44.5	40.3	38.2	36.5	35.7				
115	48.7	51.1	53.1	54.9	56.5	58.2	59.5	60.5	61.2	61.8	63.7	62.5	64.8	63.5	63.4				
120	60.9	63.4	65.5	67.1	68.7	70.0	71.0	71.9	72.9	73.4	74.1	75.2	75.3	76.2	73.1				
125	75.7	77.9	79.5	80.5	81.5	82.4	83.2	83.6	84.1	84.6	85.3	85.3	85.7	85.8	81.7				
130	90.5	92.7	93.9	94.6	95.0	95.4	95.7	96.0	96.4	97.0	96.9	96.9	97.6	96.9	95.0				
135	104	107	108	109	109	109	109	110	110	109	109	110	110	109	108				
140	112	121	123	124	124	124	124	123	123	122	123	123	122	121	121				
145	116	127	138	139	139	137	134	136	136	136	137	136	135	134	134				
150	131	132	147	147	142	142	144	141	141	147	149	148	147	147	147				
155	151	142	149	155	153	148	141	145	151	151	150	152	154	156	158				
160	162	163	161	165	166	160	159	157	153	151	155	159	163	166	168				
165	171	172	172	173	174	174	174	173	171	169	170	171	172	174	176				
170	172	173	174	174	175	176	176	177	177	178	178	178	179	179	180				
175	173	174	174	175	175	176	176	177	177	177	178	178	178	179	179				
180	174	174	174	174	174	174	174	174	174	174	174	174	174	174	174				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1113	1109	1106	1103	1099	1097	1094	1091	1089	1086
5.0	1094	1088	1081	1076	1070	1065	1061	1057	1054	1051
7.5	1066	1056	1047	1039	1032	1026	1020	1016	1011	1008
10.0	1016	1004	993.2	984.6	978.1	973.5	969.6	967.1	964.6	962.6
12.5	946.8	933.1	921.5	911.9	905.3	900.9	899.5	901.6	904.3	907.8
15.0	900.5	884.8	871.0	859.1	849.0	841.5	836.1	834.4	836.0	842.0
17.5	865.0	847.3	831.7	818.0	806.0	796.0	788.1	782.8	780.5	781.9
20.0	821.9	802.4	786.0	772.7	761.9	753.2	745.8	739.4	734.9	733.0
22.5	755.9	736.5	721.9	711.5	705.3	700.9	697.8	695.4	693.2	683.4
25.0	689.2	669.8	655.2	645.1	639.1	637.0	639.0	643.6	637.1	630.4
27.5	626.3	605.8	591.8	582.0	577.8	578.0	580.2	575.7	573.6	572.1
30.0	540.8	525.3	515.7	510.6	510.3	513.2	517.9	515.4	510.5	509.7
32.5	489.7	474.2	462.9	456.1	453.9	454.8	451.9	455.4	455.1	450.9
35.0	450.5	435.4	424.7	417.7	413.8	407.7	400.3	397.9	401.5	399.8
37.5	409.5	395.2	385.8	380.5	378.7	367.8	358.3	352.4	350.9	351.1
40.0	365.2	351.7	344.5	341.8	339.2	329.0	320.7	313.7	308.7	307.1
42.5	315.2	304.1	299.2	299.7	298.8	292.2	283.8	278.2	273.3	271.3
45.0	268.7	261.9	259.6	260.5	259.3	258.0	251.3	243.4	242.9	239.1
47.5	236.5	231.6	230.9	231.9	228.5	227.2	223.6	216.5	213.7	210.0
50.0	213.4	209.2	208.8	207.9	204.0	202.8	199.8	193.7	187.4	183.5
52.5	195.2	190.7	190.2	186.9	182.8	181.4	177.7	171.9	165.2	158.7
55.0	177.5	172.9	172.6	167.2	163.7	161.1	157.0	151.7	144.7	137.3
57.5	159.0	154.8	154.8	148.7	145.1	142.4	138.0	132.6	125.7	124.3
60.0	138.9	136.1	135.8	131.1	128.0	124.4	120.6	114.8	112.9	111.6
62.5	121.1	118.7	117.5	114.4	111.5	108.4	104.5	101.9	100.4	99.12
65.0	102.1	100.9	100.3	97.95	96.33	93.56	91.05	89.65	88.25	86.86
67.5	86.76	86.00	84.58	83.36	82.29	80.03	79.01	77.71	76.34	74.90
70.0	73.26	73.20	71.56	70.52	69.56	68.29	67.36	66.13	64.93	64.74
72.5	60.78	61.01	59.61	58.83	58.10	57.11	56.18	55.36	55.14	54.95
75.0	48.96	48.95	48.39	48.08	47.20	46.47	45.91	45.74	45.54	45.29
77.5	38.05	37.94	37.78	37.57	36.99	36.57	36.46	36.33	36.09	35.77
80.0	27.83	27.75	28.21	27.58	27.40	27.29	27.23	27.11	26.79	27.16
82.5	17.98	18.11	18.34	18.30	18.33	18.20	18.38	19.42	20.10	20.59
85.0	8.977	9.676	9.574	9.706	9.995	11.48	12.54	13.28	13.75	14.09
87.5	1.576	2.438	2.508	4.385	5.546	6.313	6.863	7.245	7.463	7.632
90.0	0.2661	1.340	1.340	1.340	1.326	1.284	1.265	1.260	1.209	1.195
92.5	0.8271	1.553	1.497	1.512	1.708	2.266	2.939	3.580	4.234	4.937
95.0	1.191	1.930	2.166	2.577	2.179	3.364	4.697	5.974	7.321	8.729
97.5	3.730	4.513	4.872	5.352	5.709	6.094	6.620	8.515	10.53	12.62
100.0	7.744	8.424	8.965	9.387	10.02	11.16	12.33	13.47	14.42	16.66
102.5	12.47	13.11	13.74	14.65	15.48	16.61	18.76	21.04	23.63	23.82
105.0	18.29	19.11	19.67	20.79	22.47	23.93	25.80	29.20	33.05	32.10
107.5	25.97	27.04	27.49	28.91	31.09	34.11	35.12	38.27	41.97	40.20
110.0	35.83	37.05	37.84	39.91	42.16	46.89	45.31	47.57	50.64	48.08
112.5	50.33	51.05	52.40	55.46	53.84	58.84	54.72	55.90	56.45	55.46
115.0	65.81	65.74	64.76	65.82	64.18	64.83	63.08	62.86	61.93	60.96
117.5	71.85	71.57	71.65	71.23	70.73	70.00	69.48	68.42	67.53	66.62
120.0	77.25	76.80	77.10	76.31	76.15	75.15	74.52	74.14	73.29	72.41
122.5	82.26	81.73	82.38	81.38	81.18	80.50	79.97	79.60	79.19	78.39
125.0	87.43	86.83	87.47	86.74	86.36	86.40	85.79	85.35	85.02	84.60
127.5	92.98	92.27	92.81	92.59	92.06	92.29	91.89	91.37	91.07	90.75
130.0	98.85	98.11	98.52	98.74	98.08	98.14	98.28	97.76	97.45	97.17
132.5	104.9	104.1	104.4	105.3	104.4	104.2	104.5	104.5	104.1	103.9
135.0	111.3	110.5	110.6	111.7	111.0	110.6	110.8	111.4	111.1	110.8
137.5	117.8	116.9	116.9	117.9	117.8	117.2	117.2	117.7	118.4	118.0
140.0	124.3	123.3	123.3	124.1	124.8	124.1	123.9	124.3	125.0	125.6
142.5	130.9	129.8	129.7	130.3	131.8	131.1	130.9	131.0	131.6	132.5
145.0	137.5	136.5	136.2	136.8	138.0	138.4	137.8	137.9	138.4	139.2
147.5	144.2	143.2	142.9	143.2	144.2	145.7	145.1	145.1	145.4	145.7
150.0	150.8	149.7	149.4	149.6	150.5	151.9	152.7	152.3	152.1	152.2
152.5	157.5	156.4	156.0	156.2	157.0	158.1	159.5	159.2	158.9	158.7
155.0	164.1	163.1	162.6	162.5	162.9	163.6	164.7	166.0	165.5	164.9
157.5	169.8	168.8	168.3	168.1	168.3	168.8	169.6	170.6	171.5	170.8
160.0	175.1	174.2	173.6	173.4	173.4	173.6	173.9	174.4	175.0	175.4
162.5	179.5	178.7	178.1	177.7	177.5	177.5	177.6	177.7	177.8	177.8
165.0	183.1	182.3	181.7	181.3	180.9	180.6	180.4	180.2	180.0	179.8
167.5	185.4	184.8	184.2	183.7	183.2	182.8	182.5	182.1	181.8	181.4
170.0	186.8	186.3	185.7	185.2	184.8	184.3	183.8	183.3	182.8	182.3
172.5	187.0	186.5	186.1	185.7	185.2	184.8	184.3	183.9	183.4	182.9
175.0	186.3	186.0	185.7	185.3	185.0	184.6	184.3	183.9	183.6	183.2
177.5	184.9	184.8	184.6	184.4	184.2	184.1	183.9	183.7	183.4	183.2
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1084	1082	1081	1079	1078	1077	1076	1076	1076	1076
5.0	1049	1047	1044	1042	1040	1039	1038	1037	1036	1037
7.5	1006	1004	1003	1002	1001	999.8	998.5	997.6	997.2	997.5
10.0	960.4	958.9	958.1	958.4	959.1	959.5	959.1	958.5	958.0	958.5
12.5	911.2	912.6	913.1	913.8	915.6	918.1	919.1	919.2	918.8	919.4
15.0	851.0	859.6	866.0	869.3	871.7	875.3	878.5	879.6	879.6	880.4
17.5	787.8	800.1	811.9	817.2	818.8	820.6	824.0	824.6	824.8	826.1
20.0	732.2	733.8	742.9	753.0	759.0	763.0	767.1	769.3	770.0	771.3
22.5	676.5	674.1	677.3	688.2	697.6	704.8	710.6	713.8	715.1	716.6
25.0	623.9	619.6	619.2	625.6	635.9	645.7	654.0	658.2	660.3	661.7
27.5	570.4	567.8	565.8	567.4	575.4	585.5	597.3	602.6	605.4	606.6
30.0	511.8	514.9	514.7	513.8	517.3	525.5	540.8	547.0	550.6	551.5
32.5	450.6	457.0	463.3	463.4	462.7	467.9	481.8	488.2	491.2	492.4
35.0	394.9	398.9	411.3	412.4	410.5	412.9	423.4	429.4	431.9	433.2
37.5	346.4	348.0	358.9	363.5	359.5	359.3	365.9	370.8	372.6	374.0
40.0	307.8	305.7	310.6	314.0	310.0	306.9	309.2	312.2	313.2	314.9
42.5	271.1	267.1	265.3	266.8	261.2	255.6	253.7	253.9	253.9	255.9
45.0	235.8	231.6	225.3	221.3	213.2	205.1	199.3	195.7	194.5	196.9
47.5	204.4	197.6	188.5	178.5	175.7	176.7	177.9	179.1	179.8	180.3
50.0	175.5	166.0	161.1	161.2	161.6	162.4	163.5	164.5	165.1	165.6
52.5	149.2	148.0	147.6	147.6	147.8	148.3	149.1	149.9	150.4	150.9
55.0	135.9	134.8	134.2	134.0	134.0	134.3	134.7	135.3	135.8	136.2
57.5	123.0	121.9	121.1	120.7	120.4	120.3	120.5	120.8	121.1	121.5
60.0	110.3	109.1	108.2	107.4	106.9	106.5	106.2	106.4	106.4	106.8
62.5	97.81	96.53	95.40	94.47	94.69	94.98	95.32	95.69	96.00	96.25
65.0	85.48	84.37	84.31	84.31	84.47	84.72	85.02	85.34	85.62	85.88
67.5	74.48	74.33	74.24	74.21	74.30	74.49	74.73	75.00	75.25	75.51
70.0	64.54	64.36	64.24	64.15	64.16	64.28	64.45	64.66	64.87	65.15
72.5	54.71	54.49	54.29	54.14	54.06	54.08	54.18	54.32	54.50	54.78
75.0	45.00	44.70	44.41	44.17	43.99	43.90	43.92	43.99	44.12	44.42
77.5	35.38	34.98	35.24	35.60	35.92	36.22	36.50	36.72	36.88	37.08
80.0	27.64	28.03	28.36	28.66	28.91	29.14	29.36	29.53	29.65	29.81
82.5	20.96	21.27	21.52	21.74	21.91	22.08	22.23	22.33	22.41	22.54
85.0	14.34	14.53	14.70	14.84	14.93	15.02	15.10	15.14	15.18	15.27
87.5	7.744	7.822	7.888	7.944	7.950	7.967	7.969	7.944	7.941	8.000
90.0	1.167	1.120	1.088	1.055	0.9756	0.9149	0.8402	0.7515	0.7049	0.7285
92.5	5.570	6.156	6.804	6.373	5.776	5.195	4.661	4.223	3.990	4.144
95.0	10.02	11.23	12.51	11.68	10.57	9.466	8.477	7.694	7.275	7.559
97.5	14.55	16.37	18.20	16.95	15.33	13.72	12.28	11.16	10.56	10.97
100.0	19.23	21.62	23.87	22.19	20.06	17.96	16.08	14.62	13.85	14.38
102.5	24.98	27.05	29.50	27.37	24.74	22.16	19.85	18.08	17.13	17.78
105.0	32.32	33.54	34.92	32.68	29.74	26.66	23.80	21.58	20.42	21.22
107.5	39.55	39.92	40.29	38.14	35.44	32.56	29.77	27.56	26.41	27.11
110.0	46.62	46.19	45.68	43.63	41.15	38.45	35.73	33.54	32.40	33.00
112.5	53.47	52.25	51.06	49.15	46.87	44.33	41.69	39.51	38.40	38.89
115.0	59.71	58.06	56.46	54.71	52.61	50.21	47.64	45.49	44.39	44.78
117.5	65.51	64.03	62.22	60.31	58.38	56.08	53.58	51.46	50.39	50.68
120.0	71.45	70.18	68.69	67.11	65.03	62.49	59.76	57.50	56.38	56.63
122.5	77.56	76.46	75.30	74.06	72.30	69.93	67.37	65.19	63.92	63.84
125.0	83.86	82.93	82.09	81.10	79.63	77.37	74.99	72.89	71.45	71.06
127.5	90.36	89.60	89.06	88.27	87.01	84.82	82.62	80.57	78.99	78.31
130.0	96.84	96.45	96.20	95.59	94.43	92.29	90.25	88.24	86.53	85.58
132.5	103.6	103.4	103.3	103.0	101.9	99.78	97.88	95.90	94.07	92.88
135.0	110.6	110.7	110.5	110.2	109.1	107.2	105.5	103.5	101.6	100.2
137.5	118.0	118.0	117.9	117.5	116.3	114.5	112.7	110.7	108.7	107.2
140.0	125.6	125.6	125.3	124.9	123.6	121.9	119.8	117.8	115.7	114.2
142.5	133.4	133.2	132.9	132.2	130.9	129.1	127.0	124.9	122.8	121.2
145.0	140.0	140.8	140.5	139.6	138.1	136.4	134.1	132.0	129.9	128.3
147.5	146.2	146.8	147.1	146.9	145.5	143.6	141.1	139.1	137.0	135.3
150.0	152.5	152.6	152.5	152.0	151.3	149.8	147.8	146.0	144.0	142.3
152.5	158.6	158.3	157.8	157.0	156.0	154.4	152.5	150.7	148.8	147.2
155.0	164.4	163.7	162.9	161.9	160.6	158.9	157.1	155.4	153.7	152.2
157.5	169.9	168.9	167.8	166.6	165.1	163.4	161.7	160.1	158.5	157.1
160.0	174.9	173.7	172.5	171.1	169.5	167.9	166.3	164.8	163.3	162.0
162.5	177.8	177.7	176.9	175.4	173.9	172.3	170.9	169.4	168.1	167.0
165.0	179.5	179.1	178.5	177.8	177.0	176.1	175.1	174.0	172.9	171.9
167.5	180.8	180.2	179.6	178.9	178.1	177.3	176.4	175.5	174.6	173.7
170.0	181.7	181.2	180.5	179.9	179.2	178.5	177.7	177.0	176.3	175.6
172.5	182.4	181.9	181.3	180.8	180.2	179.7	179.1	178.5	178.0	177.5
175.0	182.8	182.4	182.0	181.6	181.2	180.8	180.4	180.0	179.7	179.3
177.5	183.0	182.8	182.6	182.3	182.1	181.9	181.7	181.5	181.4	181.2
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1076	1077	1078	1079	1081	1082	1085	1087	1089	1092
5.0	1037	1039	1041	1044	1047	1051	1055	1059	1064	1069
7.5	998.8	1001	1004	1008	1012	1016	1020	1023	1027	1032
10.0	960.2	963.1	966.4	969.7	972.4	973.9	976.2	979.4	984.0	989.6
12.5	921.6	924.5	926.9	927.7	927.8	928.8	931.8	935.2	938.1	941.1
15.0	882.7	885.1	885.0	883.2	883.1	884.3	883.9	881.4	878.3	876.2
17.5	829.5	831.9	832.2	833.4	837.0	834.6	826.3	818.1	813.7	814.1
20.0	774.2	775.3	774.4	775.2	773.9	768.0	762.4	760.2	761.3	765.9
22.5	718.8	718.2	716.6	714.0	708.0	701.4	701.2	707.6	717.2	723.1
25.0	662.9	661.5	657.5	651.3	644.7	642.7	647.7	655.9	667.2	679.8
27.5	606.8	604.7	597.0	590.3	587.1	590.1	596.3	603.8	610.8	616.7
30.0	550.9	546.8	536.4	533.0	534.7	539.5	543.6	545.6	546.5	548.1
32.5	492.4	487.4	478.7	480.0	484.8	488.4	486.3	483.1	483.6	489.4
35.0	433.7	428.6	424.2	428.3	434.6	433.4	425.2	424.0	429.6	432.3
37.5	375.4	371.5	371.3	377.6	383.5	378.3	368.7	373.4	378.7	377.3
40.0	317.3	316.2	319.7	327.7	332.8	327.4	325.5	328.8	331.1	331.6
42.5	259.6	262.3	269.1	278.7	284.1	282.5	286.3	289.6	289.2	291.2
45.0	202.5	209.7	219.3	230.7	238.3	242.7	249.4	252.9	252.9	253.6
47.5	180.4	180.3	180.1	184.1	196.4	206.2	214.4	219.1	221.0	221.1
50.0	165.8	165.7	165.7	166.0	166.5	171.7	182.0	188.5	190.9	192.6
52.5	151.1	151.3	151.5	152.0	152.6	152.4	152.3	160.7	162.9	167.6
55.0	136.6	136.9	137.4	138.1	138.8	138.5	137.5	135.1	137.5	143.1
57.5	122.0	122.6	123.4	124.4	125.3	124.6	122.7	118.9	114.3	119.1
60.0	107.5	108.4	109.5	110.8	111.9	110.5	107.7	103.6	99.71	97.06
62.5	96.51	96.77	97.08	97.46	98.81	96.22	92.79	89.23	86.16	83.62
65.0	86.15	86.44	86.77	87.17	87.33	82.30	78.35	75.73	73.52	71.51
67.5	75.81	76.12	76.49	76.93	76.47	71.42	66.52	63.02	61.71	60.31
70.0	65.47	65.82	66.24	66.71	65.64	60.95	56.86	53.49	50.86	49.86
72.5	55.13	55.53	55.01	56.53	54.82	50.86	47.59	44.60	42.18	40.60
75.0	44.80	45.26	45.80	46.36	44.19	41.10	38.61	35.97	33.86	32.82
77.5	37.24	37.34	37.45	37.43	34.48	31.59	29.88	27.54	25.88	25.41
80.0	29.95	30.01	30.09	30.01	27.50	25.07	23.00	20.13	18.19	18.34
82.5	22.65	22.67	22.73	22.62	20.64	18.80	17.20	14.99	13.43	12.76
85.0	15.35	15.34	15.37	15.26	13.87	12.62	11.53	10.04	9.045	8.590
87.5	8.057	8.001	8.015	7.916	7.148	6.499	5.942	5.202	4.722	4.494
90.0	0.7609	0.6676	0.6630	0.5832	0.4621	0.4107	0.4015	0.4295	0.4295	0.4342
92.5	4.525	4.892	5.430	6.007	6.574	6.685	6.498	5.738	4.872	3.634
95.0	8.285	9.108	10.18	11.41	12.67	12.96	12.63	11.11	9.393	6.911
97.5	12.04	13.31	14.91	16.79	18.72	19.25	18.83	16.60	14.07	10.34
100.0	15.77	17.48	19.60	22.10	24.70	25.56	25.13	22.26	19.53	17.75
102.5	19.50	21.63	24.23	27.35	30.60	31.88	31.90	30.56	30.58	29.18
105.0	23.37	26.03	29.13	32.68	36.17	38.11	39.19	39.61	41.44	41.13
107.5	29.08	31.64	34.61	38.10	41.62	44.21	46.26	48.28	51.75	53.23
110.0	34.79	37.24	40.09	43.48	47.04	50.13	53.05	56.43	61.48	62.46
112.5	40.50	42.85	45.56	48.85	52.42	55.90	59.58	63.78	67.40	69.58
115.0	46.20	48.47	51.02	54.20	57.78	61.45	65.48	69.13	72.74	75.80
117.5	51.92	54.10	56.50	59.53	63.33	67.12	70.95	74.53	78.06	81.35
120.0	57.83	60.05	62.54	65.67	69.27	72.88	76.49	79.98	83.43	86.84
122.5	64.70	66.63	68.95	71.89	75.24	78.69	82.11	85.47	88.87	91.63
125.0	71.59	73.23	75.35	78.16	81.26	84.55	87.85	91.06	93.90	96.51
127.5	78.52	79.86	81.77	84.48	87.37	90.45	93.67	96.37	98.99	101.6
130.0	85.48	86.50	88.21	90.83	93.54	96.29	99.11	101.7	104.3	106.9
132.5	92.48	93.17	94.70	97.13	99.42	101.9	104.6	107.2	109.7	112.3
135.0	99.49	99.84	101.1	103.0	105.2	107.6	110.2	112.8	115.3	117.8
137.5	106.4	106.5	107.5	109.0	111.0	113.2	115.8	118.5	121.0	122.3
140.0	113.3	113.2	114.0	115.1	116.9	119.0	121.5	124.2	125.7	126.9
142.5	120.3	120.0	120.7	121.4	122.9	124.8	127.1	128.8	130.1	131.4
145.0	127.2	126.9	127.3	127.9	129.0	130.7	131.6	132.9	134.3	135.7
147.5	134.3	133.9	134.0	134.6	134.6	135.1	135.9	137.0	138.4	140.0
150.0	141.0	140.1	139.7	139.6	139.5	139.7	140.5	141.4	142.7	144.2
152.5	146.0	145.1	144.6	144.4	144.5	144.6	145.1	146.0	147.1	148.5
155.0	151.0	150.1	149.6	149.4	149.5	149.7	150.0	150.7	151.8	153.0
157.5	156.0	155.1	154.6	154.5	154.5	154.8	155.2	155.8	156.5	156.1
160.0	161.0	160.2	159.7	159.5	159.6	159.8	160.3	160.3	159.7	159.3
162.5	166.1	165.4	164.8	164.6	164.7	164.4	163.8	163.3	163.0	162.6
165.0	170.9	169.9	169.0	168.2	167.6	167.1	166.7	166.3	166.0	165.8
167.5	172.9	172.2	171.4	170.8	170.2	169.8	169.5	169.3	169.1	169.0
170.0	175.0	174.4	173.9	173.3	172.9	172.5	172.2	172.1	172.0	172.0
172.5	177.0	176.6	176.2	175.9	175.5	175.3	175.1	174.9	174.8	174.8
175.0	179.0	178.7	178.5	178.3	178.1	178.0	177.9	177.8	177.7	177.7
177.5	181.0	180.9	180.8	180.7	180.6	180.5	180.5	180.5	180.5	180.5
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1095	1098	1101	1105	1108	1111	1115	1112	1108	1105
5.0	1073	1079	1084	1091	1097	1104	1110	1104	1098	1091
7.5	1037	1043	1050	1058	1067	1076	1086	1077	1068	1060
10.0	996.3	1004	1012	1021	1032	1044	1057	1044	1033	1023
12.5	944.3	948.5	954.2	962.2	972.2	984.7	999.8	985.6	973.9	964.8
15.0	876.2	880.1	886.4	896.3	908.2	922.4	939.0	923.3	910.1	899.2
17.5	818.4	826.1	836.0	848.1	862.5	879.1	897.6	880.0	864.4	850.9
20.0	772.7	782.1	793.6	807.1	822.8	840.9	861.3	841.8	824.6	809.7
22.5	730.6	738.9	748.5	759.7	774.2	792.0	814.0	793.2	776.8	763.3
25.0	681.6	683.2	686.7	693.7	705.2	721.5	743.3	722.5	707.5	697.6
27.5	619.2	617.2	620.0	626.6	637.6	654.0	676.0	654.1	637.5	627.1
30.0	555.2	559.2	557.9	562.1	572.0	587.9	610.7	590.1	575.8	566.2
32.5	493.2	492.1	490.5	493.1	498.5	510.0	527.3	511.5	501.8	499.3
35.0	429.5	433.1	437.9	441.6	449.7	462.3	479.3	463.6	452.4	445.6
37.5	379.2	387.0	399.2	403.6	410.7	421.9	438.1	423.0	413.1	407.7
40.0	336.8	346.6	359.8	365.5	370.8	380.5	395.7	381.3	372.6	368.6
42.5	297.8	307.2	319.4	326.7	328.8	336.3	350.4	337.3	330.6	329.3
45.0	260.2	270.8	279.8	285.1	284.8	289.4	300.2	290.6	287.5	288.9
47.5	227.5	237.5	241.0	247.2	247.4	248.2	254.3	248.7	248.8	250.9
50.0	200.5	204.8	208.2	216.9	220.5	220.6	224.7	221.2	221.6	221.4
52.5	173.2	175.6	180.0	191.0	199.8	199.6	203.5	200.1	200.8	198.5
55.0	146.8	148.7	154.0	166.7	181.3	181.0	186.2	182.5	182.9	178.0
57.5	123.0	125.0	129.3	142.7	158.2	159.6	168.9	165.0	165.5	159.4
60.0	101.8	104.5	106.6	117.6	129.4	137.1	150.8	146.6	146.0	141.5
62.5	83.34	86.54	88.68	94.76	104.6	114.9	132.3	128.9	127.5	124.4
65.0	69.76	70.90	72.98	75.63	83.28	94.39	115.0	112.0	110.4	109.0
67.5	58.90	57.62	59.36	60.49	65.26	74.25	97.04	95.09	94.04	93.02
70.0	49.03	47.75	47.65	48.54	50.99	57.33	82.61	81.32	80.10	78.62
72.5	39.91	38.63	38.15	38.22	39.38	41.94	69.07	68.01	67.48	65.42
75.0	31.81	30.23	29.96	28.94	29.09	29.27	54.36	53.21	53.32	52.31
77.5	24.69	23.04	22.65	21.96	21.56	21.04	36.63	40.58	40.43	39.99
80.0	18.10	17.23	16.75	16.77	16.12	15.74	15.51	30.54	30.02	29.46
82.5	12.06	11.88	11.87	12.53	12.66	11.32	10.51	20.98	20.61	20.15
85.0	8.100	7.595	7.490	8.070	8.790	8.421	5.973	12.19	12.10	11.50
87.5	4.240	4.005	4.001	4.064	3.834	3.922	2.073	4.697	4.388	5.085
90.0	0.4342	0.4809	0.5228	0.4667	0.4477	0.3219	0.1757	0.1866	0.2193	0.2380
92.5	2.804	1.979	1.181	0.7860	0.7535	0.8489	0.3920	0.2106	0.2499	0.2995
95.0	5.295	3.602	1.981	2.740	2.230	1.915	0.7441	0.7263	1.114	1.354
97.5	8.019	7.994	7.904	7.622	7.082	6.981	3.568	3.525	3.697	4.178
100.0	17.78	16.54	15.16	14.41	14.01	13.69	6.963	6.982	7.243	7.882
102.5	28.60	25.90	24.64	23.16	22.32	21.49	18.03	11.08	11.67	12.49
105.0	40.13	37.24	36.19	33.90	33.14	31.92	31.74	17.52	18.03	18.82
107.5	51.30	49.97	48.69	47.07	46.85	45.78	45.71	28.82	28.01	28.06
110.0	61.39	62.82	61.60	60.80	59.60	59.05	59.09	42.55	39.06	38.77
112.5	70.46	74.31	72.59	74.33	72.91	72.94	73.27	57.82	51.99	50.06
115.0	78.29	80.82	81.56	83.62	83.29	83.95	84.19	71.57	64.68	60.23
117.5	84.34	86.31	88.32	89.61	90.40	90.62	91.13	82.18	76.65	70.44
120.0	89.14	91.54	94.00	94.94	96.35	96.25	97.06	91.77	88.99	81.28
122.5	94.06	96.67	98.75	99.83	101.6	101.2	102.2	100.2	100.3	90.41
125.0	99.10	101.7	103.2	104.6	106.1	105.9	106.9	105.6	105.4	98.41
127.5	104.2	106.5	107.6	109.2	110.3	110.3	111.4	110.1	109.7	105.6
130.0	109.4	110.8	112.2	113.9	114.5	114.7	115.8	114.4	114.0	112.1
132.5	114.3	115.4	116.8	118.7	118.8	119.0	120.3	118.9	118.4	117.9
135.0	118.8	120.1	121.8	123.4	123.1	123.5	124.7	123.3	122.7	122.8
137.5	123.4	124.8	126.6	127.8	127.6	128.1	129.3	127.9	127.2	127.2
140.0	128.2	129.6	131.5	131.8	131.9	132.5	133.8	132.4	131.6	131.4
142.5	132.9	134.5	136.2	135.9	136.0	136.7	138.1	136.8	135.9	135.6
145.0	137.4	139.3	140.1	139.9	140.2	140.9	142.4	141.1	140.2	139.8
147.5	141.7	143.7	143.6	143.7	144.2	144.9	146.4	145.1	144.2	143.6
150.0	145.9	146.7	146.7	147.0	147.4	148.2	149.7	148.5	147.5	146.8
152.5	149.7	149.6	149.7	150.0	150.5	151.3	152.7	151.5	150.5	149.7
155.0	152.7	152.6	152.7	153.0	153.5	154.3	155.6	154.4	153.3	152.4
157.5	155.9	155.8	155.9	156.2	156.7	157.4	158.7	157.4	156.2	155.3
160.0	159.0	159.0	159.2	159.5	160.1	160.8	161.9	160.6	159.4	158.5
162.5	162.4	162.4	162.5	162.8	163.3	164.0	164.9	163.7	162.6	161.6
165.0	165.8	165.8	166.0	166.3	166.8	167.4	167.7	166.5	165.5	164.5
167.5	169.0	169.1	169.2	169.5	170.0	170.5	169.4	168.4	167.4	166.5
170.0	172.1	172.2	172.4	172.7	173.1	173.6	170.3	169.5	168.8	168.1
172.5	174.9	175.0	175.2	175.5	175.8	176.2	170.6	170.2	169.7	169.3
175.0	177.8	177.8	177.9	178.1	178.3	178.6	170.7	170.5	170.2	170.0
177.5	180.5	180.6	180.6	180.7	180.8	181.0	171.8	171.7	171.6	171.6
180.0	183.1	183.1	183.1	183.1	183.1	183.1	174.4	174.4	174.4	174.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1102	1099	1096	1093	1090	1088	1086	1084	1082	1080
5.0	1086	1080	1075	1071	1066	1061	1057	1053	1050	1047
7.5	1052	1046	1040	1035	1031	1027	1024	1020	1016	1012
10.0	1014	1007	999.4	993.4	988.5	984.7	981.9	980.0	978.6	976.0
12.5	957.4	952.3	948.5	945.6	943.0	940.7	938.2	936.4	935.9	935.9
15.0	890.5	885.2	882.5	883.0	885.3	888.3	890.9	892.1	892.4	893.4
17.5	839.8	830.9	824.6	821.9	822.9	828.0	835.7	843.4	846.4	844.1
20.0	797.2	786.9	778.7	773.1	770.4	771.4	774.4	778.8	783.6	785.1
22.5	753.0	744.0	736.4	730.3	725.9	717.2	712.2	713.1	719.0	724.4
25.0	692.3	690.2	689.2	687.4	674.5	664.0	656.8	653.4	656.2	662.7
27.5	622.4	623.1	627.9	625.5	618.1	610.4	604.0	599.2	597.9	602.1
30.0	559.8	559.0	559.1	555.7	554.5	552.1	549.9	547.3	544.0	544.4
32.5	500.2	500.7	495.8	492.6	490.1	490.2	491.8	494.6	493.0	490.3
35.0	443.9	442.7	439.0	436.8	433.7	430.0	431.1	438.4	441.4	436.5
37.5	404.8	393.5	387.1	385.2	384.1	378.4	374.4	382.8	388.7	384.2
40.0	365.0	353.8	344.1	339.2	337.1	334.7	330.0	332.0	337.1	333.1
42.5	324.1	314.9	306.7	299.6	295.4	295.4	290.6	286.8	287.6	283.0
45.0	285.0	278.7	270.9	264.0	261.1	257.7	254.0	246.3	241.5	234.1
47.5	248.9	246.0	239.0	233.3	229.8	224.9	219.1	209.3	199.3	186.9
50.0	218.4	217.2	212.3	206.5	201.8	195.2	186.4	174.6	168.9	168.5
52.5	194.7	193.1	188.9	182.8	176.4	168.3	156.8	155.3	154.8	154.2
55.0	174.5	172.1	167.0	161.2	153.6	144.9	143.0	141.6	140.8	140.0
57.5	156.1	152.1	147.1	141.0	133.4	131.6	129.6	128.1	127.0	126.0
60.0	138.6	133.9	128.9	122.4	120.2	118.4	116.5	114.8	113.4	112.2
62.5	121.3	117.1	112.2	109.1	107.2	105.5	103.6	101.7	100.0	98.64
65.0	105.2	101.6	98.25	96.43	94.63	92.78	90.80	89.14	88.64	88.30
67.5	90.45	87.43	85.84	84.15	82.35	80.37	79.46	78.89	78.37	78.00
70.0	76.79	74.94	73.92	72.24	70.52	69.77	69.29	68.71	68.17	67.74
72.5	64.21	62.84	62.43	60.82	59.81	59.41	59.23	58.61	58.02	57.52
75.0	51.91	51.06	51.11	49.69	49.16	49.06	49.20	48.57	47.93	47.34
77.5	40.00	39.62	39.80	38.51	38.62	38.73	39.23	38.60	38.41	38.34
80.0	29.21	29.11	28.82	27.43	28.18	29.25	30.69	30.81	30.76	30.71
82.5	19.69	19.23	18.43	18.76	20.82	21.86	23.01	23.16	23.13	23.10
85.0	11.10	11.80	12.28	12.55	13.89	14.59	15.39	15.52	15.51	15.50
87.5	5.617	5.997	6.249	6.407	7.069	7.420	7.828	7.900	7.894	7.896
90.0	0.2848	0.2756	0.2754	0.3079	0.2941	0.2895	0.2848	0.2848	0.2848	0.2988
92.5	0.5489	1.207	1.884	2.478	3.099	3.856	4.848	5.475	5.913	5.459
95.0	0.9124	2.252	3.570	4.713	5.963	7.485	9.471	10.69	11.55	10.60
97.5	4.352	4.839	5.406	7.074	8.944	11.23	14.21	15.97	17.20	15.70
100.0	8.525	9.642	11.39	12.11	12.57	15.16	19.13	21.32	22.88	20.75
102.5	13.91	14.97	18.28	19.96	21.07	21.97	24.87	26.82	28.58	25.72
105.0	21.24	22.32	25.89	28.29	29.67	29.84	31.72	33.29	34.24	30.83
107.5	29.76	31.70	34.18	37.15	38.12	37.57	38.50	39.78	39.71	36.10
110.0	39.56	41.60	42.43	45.00	46.43	45.12	45.22	46.28	45.10	41.33
112.5	49.41	51.10	50.39	51.98	52.74	52.33	51.93	52.78	50.35	46.54
115.0	58.40	58.48	57.89	58.63	59.01	59.00	58.92	59.03	55.56	51.72
117.5	66.71	65.95	65.10	65.10	65.70	66.09	66.14	64.97	60.97	56.87
120.0	74.92	73.93	73.00	72.12	72.82	73.64	72.98	70.71	66.80	62.89
122.5	84.29	82.58	81.70	80.69	80.45	81.55	79.43	76.43	72.66	68.99
125.0	93.33	91.94	91.16	88.99	88.48	89.16	85.53	82.19	78.56	75.12
127.5	101.5	101.4	99.80	97.02	96.01	94.67	91.41	87.96	84.51	81.27
130.0	109.2	108.8	107.5	104.4	102.8	99.96	96.90	93.66	90.52	87.43
132.5	115.6	114.1	113.4	111.1	108.5	105.5	102.3	99.17	96.29	93.55
135.0	120.9	119.4	118.1	116.9	114.1	111.0	107.7	104.7	101.9	99.28
137.5	126.0	124.2	122.8	121.4	119.7	116.3	113.1	110.2	107.6	105.1
140.0	131.0	129.1	127.5	126.0	124.1	121.6	118.7	115.8	113.3	111.0
142.5	135.8	134.0	132.2	130.2	128.1	126.2	124.2	121.5	119.0	117.0
145.0	139.8	138.8	136.6	134.4	132.3	130.3	128.5	127.0	124.8	123.1
147.5	143.3	143.2	140.8	138.5	136.2	134.2	132.6	131.2	130.0	129.5
150.0	146.4	146.1	144.8	142.3	140.1	138.3	136.8	135.5	134.5	134.1
152.5	149.1	148.5	147.9	146.0	144.1	142.5	141.1	139.9	139.1	138.7
155.0	151.6	151.0	150.4	149.9	148.3	146.8	145.5	144.4	143.6	143.4
157.5	154.5	153.8	153.3	152.9	152.5	151.2	150.0	148.8	148.2	148.4
160.0	157.7	157.0	156.3	155.9	155.5	155.1	154.2	153.3	153.1	153.4
162.5	160.8	160.0	159.4	158.8	158.2	157.6	157.4	157.7	158.3	158.5
165.0	163.6	162.8	162.0	161.3	160.7	160.5	160.6	161.0	161.4	162.0
167.5	165.6	164.9	164.3	163.8	163.6	163.5	163.5	163.6	163.8	164.2
170.0	167.5	167.0	166.6	166.3	166.0	165.8	165.7	165.7	165.9	166.1
172.5	168.9	168.5	168.2	167.9	167.7	167.6	167.6	167.6	167.8	168.0
175.0	169.8	169.7	169.5	169.4	169.4	169.4	169.4	169.5	169.7	169.9
177.5	171.5	171.5	171.5	171.5	171.5	171.6	171.6	171.7	171.9	172.0
180.0	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks:

Photometric Data Table [cd]

G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1079	1078	1078	1077	1077	1077	1078	1079	1080	1081
5.0	1044	1042	1041	1040	1040	1040	1041	1042	1044	1045
7.5	1009	1006	1004	1002	1002	1003	1004	1005	1006	1007
10.0	972.8	969.5	966.6	964.9	964.6	965.3	966.1	966.8	966.6	965.9
12.5	935.1	932.7	929.6	927.5	927.1	927.8	928.2	927.6	925.4	923.2
15.0	895.1	895.0	892.5	890.1	889.5	890.1	889.7	887.2	883.5	879.8
17.5	843.2	842.7	840.3	836.5	835.5	836.1	836.0	833.1	830.8	827.9
20.0	785.1	786.4	785.6	782.6	781.5	781.6	779.6	775.2	770.6	764.3
22.5	726.7	729.1	730.7	728.7	727.5	727.1	723.2	718.7	709.5	699.9
25.0	667.7	671.6	675.2	674.6	673.4	672.3	666.5	657.7	648.3	636.9
27.5	608.4	614.1	619.1	620.3	619.4	617.2	609.4	598.4	587.6	578.1
30.0	549.1	556.1	563.1	565.9	565.4	562.1	552.3	539.2	528.8	523.8
32.5	491.0	496.7	502.6	505.1	504.2	501.2	492.1	480.7	473.1	472.3
35.0	434.5	437.6	442.1	444.1	443.0	440.4	432.4	423.5	419.2	420.6
37.5	379.5	379.8	382.2	383.1	381.7	379.7	373.7	367.7	366.9	370.0
40.0	326.2	323.1	322.8	322.1	320.5	319.2	315.8	313.5	315.8	320.0
42.5	274.0	267.7	264.1	261.3	259.3	259.0	258.9	260.5	265.8	271.7
45.0	222.9	213.4	206.1	200.7	198.1	199.1	202.9	208.7	216.9	225.3
47.5	182.8	183.1	183.5	183.6	183.1	182.2	180.9	179.5	178.4	181.3
50.0	168.2	168.3	168.6	168.6	168.0	167.3	166.2	165.0	164.2	163.6
52.5	153.7	153.6	153.6	153.5	153.0	152.4	151.5	150.6	150.0	149.7
55.0	139.4	139.0	138.7	138.4	138.0	137.5	136.9	136.3	136.0	135.9
57.5	125.1	124.4	123.8	123.4	123.0	122.6	122.3	122.1	122.2	122.4
60.0	111.0	109.9	109.0	108.4	108.0	107.8	107.8	108.0	108.4	109.0
62.5	98.34	98.13	97.96	97.75	97.53	97.19	96.78	96.37	96.09	95.84
65.0	87.98	87.74	87.54	87.32	87.10	86.78	86.42	86.06	85.82	85.61
67.5	77.64	77.36	77.12	76.89	76.66	76.37	76.06	75.77	75.58	75.44
70.0	67.34	67.00	66.72	66.46	66.22	65.97	65.73	65.51	65.39	65.33
72.5	57.06	56.65	56.32	56.04	55.78	55.57	55.40	55.27	55.23	55.26
75.0	46.79	46.32	45.92	45.62	45.34	45.18	45.08	45.05	45.10	45.23
77.5	38.27	38.20	38.13	38.04	37.83	37.66	37.43	37.14	36.83	36.51
80.0	30.67	30.61	30.59	30.52	30.32	30.21	30.03	29.81	29.55	29.29
82.5	23.07	23.03	23.05	23.00	22.81	22.77	22.64	22.48	22.28	22.09
85.0	15.48	15.45	15.51	15.49	15.31	15.32	15.25	15.16	15.03	14.90
87.5	7.888	7.872	7.973	7.967	7.798	7.878	7.867	7.842	7.775	7.725
90.0	0.2988	0.2942	0.4339	0.4481	0.2897	0.4338	0.4807	0.5275	0.5275	0.5508
92.5	4.807	4.233	3.865	3.467	3.415	3.725	4.131	4.657	5.172	5.699
95.0	9.303	8.163	7.292	6.485	6.539	7.014	7.776	8.778	9.805	10.83
97.5	13.77	12.08	10.71	9.500	9.664	10.30	11.41	12.88	14.42	15.94
100.0	18.21	15.96	14.11	12.51	12.79	13.58	15.03	16.96	18.99	21.01
102.5	22.59	19.81	17.50	15.51	15.91	16.85	18.64	21.01	23.52	26.03
105.0	27.26	23.94	21.05	18.57	19.04	20.18	22.43	25.38	28.41	31.25
107.5	32.56	29.34	26.51	24.28	24.69	26.08	28.35	31.21	34.05	36.68
110.0	37.84	34.74	31.95	29.98	30.34	31.99	34.26	37.05	39.71	42.13
112.5	43.13	40.12	37.39	35.69	35.99	37.88	40.17	42.88	45.37	47.61
115.0	48.43	45.50	42.82	41.40	41.65	43.78	46.06	48.70	51.05	53.13
117.5	53.72	50.87	48.26	47.10	47.30	49.67	51.94	54.54	56.76	58.70
120.0	59.61	56.59	53.90	52.86	52.95	55.56	58.07	60.90	63.39	65.49
122.5	65.87	63.02	60.64	59.91	60.36	61.76	65.62	68.29	70.64	72.43
125.0	72.12	69.42	67.43	66.98	67.77	68.63	73.18	75.68	77.94	79.47
127.5	78.40	75.81	74.28	74.07	75.17	75.88	80.72	83.08	85.29	86.63
130.0	84.72	82.19	81.18	81.22	82.58	82.66	88.17	90.49	92.67	93.93
132.5	91.06	88.57	88.12	88.39	89.99	89.86	95.55	97.93	100.1	101.3
135.0	97.17	95.06	95.07	95.59	97.40	97.52	102.5	104.2	107.3	108.5
137.5	103.2	101.6	101.8	102.5	104.3	105.2	105.8	108.4	114.5	115.7
140.0	109.4	108.3	108.6	109.4	111.3	112.8	110.1	111.7	121.3	123.0
142.5	115.7	115.1	115.4	116.4	118.3	120.3	116.1	114.1	127.3	130.3
145.0	122.1	121.9	122.3	123.3	125.2	127.5	123.3	116.0	127.4	137.7
147.5	128.7	128.7	129.1	130.3	132.2	134.6	131.6	117.5	128.0	145.0
150.0	134.2	134.9	135.7	137.2	139.1	141.5	140.4	130.8	131.8	146.8
152.5	139.0	139.7	140.6	141.9	143.7	146.0	146.2	143.9	136.1	145.3
155.0	143.9	144.5	145.4	146.7	148.3	150.5	151.6	151.1	142.3	149.2
157.5	148.8	149.4	150.3	151.4	153.0	154.9	156.5	156.9	153.3	154.5
160.0	153.8	154.3	155.1	156.2	157.6	159.3	161.0	161.9	162.8	161.0
162.5	158.7	159.3	160.1	161.0	162.2	163.7	165.4	166.8	168.4	169.5
165.0	162.7	163.6	164.6	165.7	166.8	168.0	169.3	170.5	171.6	172.5
167.5	164.7	165.4	166.2	167.1	168.1	169.2	170.3	171.3	172.3	173.1
170.0	166.6	167.1	167.7	168.5	169.3	170.2	171.2	172.1	172.9	173.7
172.5	168.4	168.8	169.3	169.9	170.6	171.3	172.1	172.8	173.5	174.2
175.0	170.2	170.6	170.9	171.4	171.9	172.4	172.9	173.4	173.9	174.5
177.5	172.2	172.4	172.6	172.9	173.1	173.4	173.7	173.9	174.2	174.5
180.0	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1115	1115	1115	1115	1115	1115	1115	1115	1115	1115
2.5	1082	1084	1086	1088	1090	1092	1095	1097	1100	1103
5.0	1047	1050	1052	1054	1057	1060	1063	1067	1072	1077
7.5	1008	1009	1010	1012	1015	1019	1023	1028	1034	1041
10.0	965.4	965.6	966.2	967.6	969.1	971.2	973.2	976.7	980.7	986.7
12.5	921.6	919.8	917.9	914.3	910.5	907.3	904.4	905.0	908.4	914.3
15.0	875.1	868.6	859.9	850.3	843.3	840.5	841.3	845.8	852.4	861.7
17.5	822.9	811.4	798.1	790.7	788.3	789.6	793.9	801.0	810.0	821.1
20.0	754.5	745.0	742.5	742.6	743.4	747.2	752.6	759.4	767.4	777.0
22.5	688.5	684.2	686.2	693.1	703.0	705.1	707.4	709.4	712.1	716.5
25.0	629.5	629.2	633.5	640.3	648.6	656.4	649.8	644.8	643.8	647.6
27.5	575.3	576.9	580.1	583.3	585.7	586.5	587.2	581.7	581.7	586.4
30.0	523.6	524.0	522.5	521.1	519.8	520.9	523.6	523.1	519.9	517.0
32.5	472.2	468.0	462.2	459.6	460.7	462.1	463.0	465.1	459.4	459.7
35.0	419.6	408.9	403.5	405.5	407.9	407.1	407.3	413.4	418.9	421.6
37.5	367.5	357.4	352.7	357.7	357.9	358.2	363.7	373.3	384.3	384.6
40.0	317.6	312.0	313.3	313.7	314.0	318.8	326.0	334.7	344.5	346.2
42.5	271.6	271.8	276.0	275.6	277.9	283.0	289.8	297.4	304.2	305.8
45.0	229.8	235.1	240.1	242.6	246.5	249.0	256.4	262.5	265.2	264.8
47.5	191.4	200.7	207.2	213.1	217.5	221.1	227.0	230.8	230.7	233.0
50.0	163.3	168.1	177.8	185.9	191.3	196.6	201.7	203.9	205.0	208.6
52.5	149.6	149.8	150.9	160.8	167.9	174.0	178.8	182.6	183.9	187.1
55.0	136.1	136.4	137.4	138.8	146.5	153.0	158.1	162.7	164.6	167.8
57.5	122.7	123.3	124.4	125.7	127.1	133.7	139.1	143.6	146.2	149.5
60.0	109.6	110.5	111.6	112.9	114.2	115.9	121.6	125.4	129.0	131.9
62.5	96.71	97.77	99.00	100.3	101.5	102.9	105.4	109.3	112.4	115.2
65.0	85.53	85.52	86.58	87.93	89.24	90.54	91.89	94.40	97.16	98.92
67.5	75.40	75.42	75.50	75.87	77.25	78.52	79.79	80.71	82.91	84.05
70.0	65.35	65.41	65.53	65.67	65.78	66.89	68.08	68.86	70.06	71.06
72.5	55.35	55.50	55.66	55.84	55.95	56.08	56.84	57.66	58.56	59.24
75.0	45.42	45.66	45.92	46.14	46.32	46.46	46.54	47.00	47.68	48.44
77.5	36.15	35.90	36.26	36.60	36.86	37.05	37.09	37.12	37.47	37.95
80.0	29.00	28.68	28.31	27.89	27.55	27.82	27.88	27.85	27.89	28.02
82.5	21.87	21.62	21.33	21.00	20.55	19.96	19.02	18.87	18.82	18.75
85.0	14.77	14.60	14.40	14.18	13.88	13.45	12.77	11.80	10.42	10.10
87.5	7.674	7.592	7.497	7.398	7.263	7.040	6.686	6.170	5.438	4.371
90.0	0.5882	0.5975	0.6115	0.6395	0.6815	0.6816	0.6816	0.6816	0.6816	0.6816
92.5	5.970	5.313	4.705	4.108	3.419	2.746	2.091	1.411	0.9412	0.8180
95.0	11.37	10.06	8.842	7.622	6.215	4.877	3.581	2.241	1.258	1.747
97.5	16.81	14.87	13.06	11.23	9.130	7.137	5.229	4.753	4.602	4.267
100.0	22.32	19.76	17.41	14.97	12.71	11.85	10.80	9.767	8.766	8.212
102.5	27.90	24.86	22.99	22.05	21.63	19.17	17.07	15.20	14.14	13.47
105.0	33.44	31.48	30.48	30.37	31.06	27.14	24.04	22.28	21.02	19.60
107.5	38.79	38.00	37.81	38.57	40.47	35.83	33.26	32.14	29.45	27.52
110.0	44.15	44.37	44.98	46.57	49.20	45.07	43.63	44.50	40.32	38.21
112.5	49.52	50.56	51.94	54.05	55.05	53.60	53.18	57.70	52.02	53.41
115.0	54.89	56.52	58.23	59.54	60.54	61.18	61.79	63.69	62.53	64.85
117.5	60.65	62.53	64.04	65.20	66.17	67.16	68.37	68.92	69.73	70.28
120.0	67.13	68.70	69.99	70.99	71.93	72.89	73.38	74.08	75.17	75.34
122.5	73.75	75.01	76.11	76.98	77.82	78.34	78.80	79.43	80.16	80.36
125.0	80.55	81.48	82.44	83.15	83.64	84.07	84.50	85.29	85.29	85.67
127.5	87.50	88.15	88.95	89.31	89.68	90.04	90.69	91.14	90.92	91.45
130.0	94.62	94.98	95.40	95.73	96.03	96.40	97.03	96.92	96.86	97.55
132.5	101.7	101.9	102.1	102.4	102.7	103.1	103.2	102.9	103.1	104.0
135.0	108.9	109.1	109.1	109.3	109.6	110.0	109.4	109.2	109.7	110.3
137.5	116.2	116.4	116.3	116.5	116.9	116.3	115.8	115.7	116.4	116.3
140.0	123.6	123.8	123.9	124.0	123.4	122.7	122.4	122.5	123.3	122.3
142.5	131.1	131.4	131.7	130.3	129.9	129.3	129.2	129.5	130.1	128.3
145.0	138.6	138.7	136.5	134.3	135.7	136.2	136.2	136.7	136.1	134.6
147.5	143.7	140.5	140.8	138.3	137.8	141.7	143.2	143.9	142.1	140.9
150.0	147.0	142.4	141.5	143.7	140.8	141.4	146.7	149.3	148.2	147.1
152.5	150.0	147.9	140.9	143.7	147.1	144.3	144.3	148.4	151.7	152.7
155.0	154.8	152.5	148.3	140.8	144.7	150.7	150.7	150.2	151.7	154.1
157.5	158.5	156.9	155.1	150.4	140.9	145.5	153.0	157.2	158.5	159.2
160.0	164.6	166.0	160.3	158.6	157.2	153.2	151.4	154.6	159.4	163.1
162.5	171.4	172.4	171.5	166.6	163.3	163.9	164.1	163.4	163.5	164.9
165.0	173.2	173.7	174.0	174.1	172.9	170.8	169.0	169.9	171.2	172.5
167.5	173.9	174.5	175.1	175.5	175.9	176.2	176.5	176.4	176.3	176.7
170.0	174.4	175.1	175.6	176.2	176.7	177.2	177.6	178.0	178.4	178.9
172.5	174.8	175.3	175.9	176.4	176.8	177.3	177.7	178.1	178.5	178.9
175.0	174.9	175.4	175.8	176.2	176.6	177.0	177.3	177.6	178.0	178.3
177.5	174.8	175.1	175.3	175.6	175.8	176.1	176.3	176.5	176.7	176.8
180.0	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4	174.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.190m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

G/C	350.0	355.0
0.0	1115	1115
2.5	1106	1109
5.0	1082	1088
7.5	1048	1057
10.0	994.5	1004
12.5	923.0	933.9
15.0	872.7	885.7
17.5	833.7	848.3
20.0	789.0	803.9
22.5	725.0	738.0
25.0	656.6	670.4
27.5	595.6	607.9
30.0	519.1	526.7
32.5	465.2	475.4
35.0	427.4	436.7
37.5	388.5	396.5
40.0	347.6	353.4
42.5	303.6	306.1
45.0	261.2	262.4
47.5	231.4	231.8
50.0	208.9	209.2
52.5	190.2	190.8
55.0	173.1	173.2
57.5	155.3	155.1
60.0	136.2	136.3
62.5	118.1	119.0
65.0	100.8	101.2
67.5	85.12	86.26
70.0	72.05	73.40
72.5	60.08	61.18
75.0	48.63	49.14
77.5	38.05	38.17
80.0	28.53	28.08
82.5	18.72	18.52
85.0	9.906	9.935
87.5	2.610	2.420
90.0	0.6816	0.6816
92.5	0.7838	0.8317
95.0	1.320	1.195
97.5	3.863	3.657
100.0	7.970	7.600
102.5	12.71	12.28
105.0	18.57	18.25
107.5	26.23	26.08
110.0	36.51	35.72
112.5	50.92	49.01
115.0	63.46	63.44
117.5	70.74	68.64
120.0	76.19	73.07
122.5	81.40	77.41
125.0	85.83	81.75
127.5	90.72	86.83
130.0	96.89	94.95
132.5	102.7	101.8
135.0	108.8	108.2
137.5	114.9	114.5
140.0	121.2	120.8
142.5	127.4	127.2
145.0	133.8	133.6
147.5	140.2	140.2
150.0	146.6	146.7
152.5	152.9	153.2
155.0	156.4	158.4
157.5	160.9	163.1
160.0	165.9	168.3
162.5	167.8	171.1
165.0	174.0	175.7
167.5	177.3	178.3
170.0	179.3	179.8
172.5	179.3	179.7
175.0	178.5	178.8
177.5	177.0	177.2
180.0	174.4	174.4

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks: