

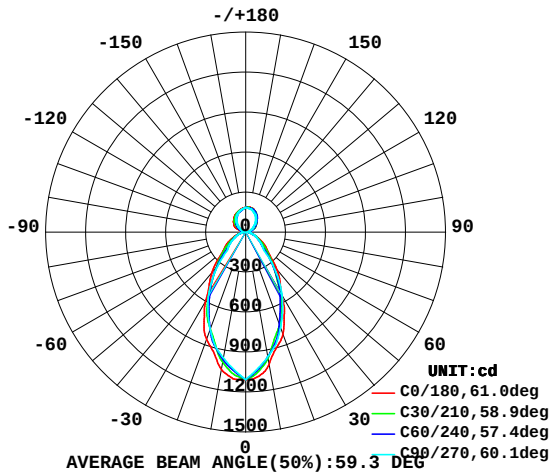
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

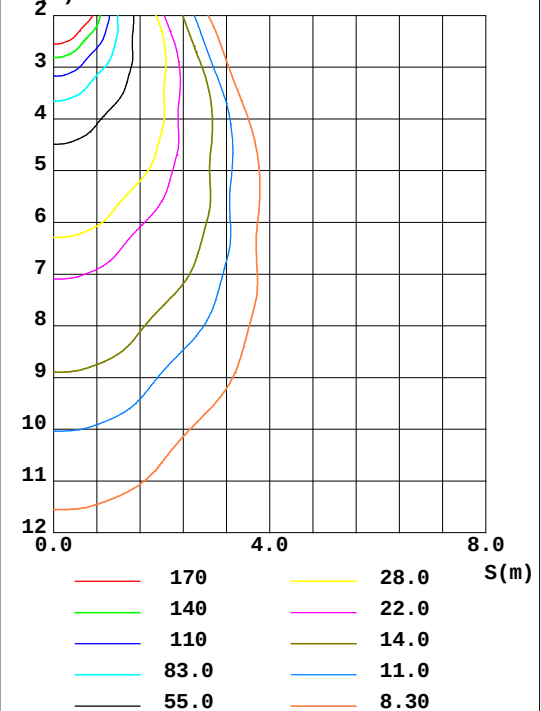
EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.99 lm/W			
MODEL		I _{max} (cd)	1109	S/MH(C0/180)	0.93
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.86
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	1871.9	η UP, DN(C0-180)	13.2, 36.5
NOMINAL FLUX(lm)	1871.92	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.7, 37.6
LAMPS INSIDE	1	η up(%)	25.9	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	74.1	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



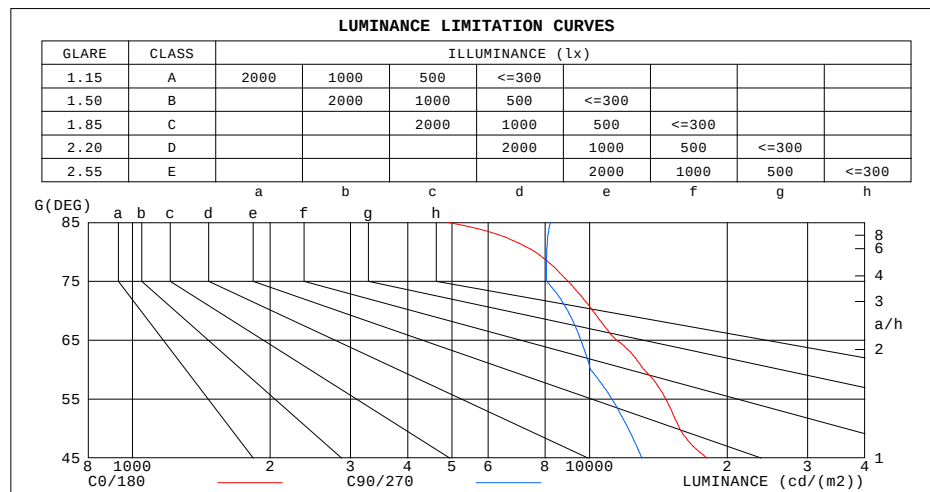
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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	1088	1045	1030	1053	1103	1056	1034	1048	0- 5	25.68	25.68	1.37, 1.37
10	1009	957.0	952.2	973.7	1050	979.1	960.9	963.4	5- 10	72.50	98.18	5.24, 5.24
15	897.8	838.4	874.5	875.8	933.3	884.9	887.5	847.1	10- 15	109.4	207.6	11.1, 11.1
20	818.9	731.3	765.6	755.0	857.6	769.8	779.2	740.9	15- 20	135.3	342.9	18.3, 18.3
25	687.0	628.8	656.7	652.3	740.4	662.3	671.0	639.2	20- 25	150.0	492.8	26.3, 26.3
30	539.0	507.9	547.7	543.3	607.6	550.3	562.8	520.2	25- 30	151.2	644.1	34.4, 34.4
35	448.9	397.6	429.6	423.0	477.0	428.3	441.0	405.4	30- 35	141.1	785.1	41.9, 41.9
40	364.0	305.8	311.4	328.7	394.2	332.6	319.2	313.8	35- 40	125.7	910.8	48.7, 48.7
45	267.9	238.0	193.2	252.0	299.3	256.7	197.4	242.1	40- 45	105.7	1017	54.3, 54.3
50	212.6	182.6	164.0	187.4	223.8	194.5	167.5	185.3	45- 50	85.55	1102	58.9, 58.9
55	176.9	136.4	134.8	134.1	185.4	144.4	137.6	138.4	50- 55	72.71	1175	62.8, 62.8
60	130.3	110.8	105.6	102.8	150.1	117.9	107.6	112.6	55- 60	61.33	1236	66, 66
65	101.7	86.27	84.95	75.11	114.4	92.44	86.84	87.72	60- 65	49.78	1286	68.7, 68.7
70	72.97	64.29	64.34	53.02	82.21	69.52	66.02	65.54	65- 70	39.00	1325	70.8, 70.8
75	48.81	44.96	43.74	35.65	54.05	48.89	45.21	46.07	70- 75	28.75	1354	72.3, 72.3
80	27.74	26.95	29.39	19.94	15.45	29.16	30.24	27.87	75- 80	18.98	1373	73.3, 73.3
85	8.973	13.96	15.03	9.947	5.936	14.56	15.26	14.17	80- 85	10.70	1383	73.9, 73.9
90	0.2568	1.158	0.6816	0.4342	0.1664	0.2987	0.2852	0.6395	85- 90	3.535	1387	74.1, 74.1
95	1.098	8.842	7.379	11.34	0.7999	7.628	6.604	7.753	90- 95	1.968	1389	74.2, 74.2
100	7.763	16.92	14.08	22.76	7.117	15.51	12.92	15.26	95-100	5.835	1395	74.5, 74.5
105	18.46	32.65	20.77	40.42	32.69	30.70	19.24	31.03	100-105	11.53	1406	75.1, 75.1
110	36.22	48.92	32.97	57.53	61.21	45.93	30.76	47.60	105-110	19.00	1425	76.1, 76.1
115	66.64	62.02	45.16	70.38	86.99	60.15	42.28	60.90	110-115	26.87	1452	77.6, 77.6
120	78.24	73.65	57.35	81.40	100.1	75.11	53.80	72.65	115-120	32.63	1485	79.3, 79.3
125	88.57	86.05	72.71	92.64	110.1	91.59	68.94	85.12	120-125	36.93	1522	81.3, 81.3
130	100.1	98.76	88.06	103.4	119.2	103.2	84.08	97.98	125-130	40.31	1562	83.4, 83.4
135	112.7	112.6	103.4	114.7	128.4	114.7	99.21	111.9	130-135	42.64	1605	85.7, 85.7
140	125.8	127.6	117.8	126.2	137.8	126.4	113.2	127.0	135-140	43.74	1648	88.1, 88.1
145	139.1	141.3	132.1	134.9	146.6	135.5	127.2	138.4	140-145	43.55	1692	90.4, 90.4
150	152.7	154.4	146.5	143.7	154.0	144.4	141.3	145.6	145-150	41.83	1734	92.6, 92.6
155	166.3	167.2	156.2	153.1	160.1	153.8	150.4	145.8	150-155	38.42	1772	94.7, 94.7
160	177.5	177.9	165.9	162.8	166.6	164.0	159.6	154.4	155-160	33.72	1806	96.5, 96.5
165	185.5	182.4	175.6	168.8	173.1	168.3	168.8	177.1	160-165	27.95	1834	98, 98
170	189.3	184.8	179.0	174.5	178.8	173.0	174.2	177.9	165-170	20.89	1855	99.1, 99.1
175	188.8	185.8	182.3	180.3	183.4	180.0	179.7	179.2	170-175	12.86	1868	99.8, 99.8
180	185.7	185.7	185.7	185.7	185.1	185.1	185.1	185.1	175-180	4.377	1872	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4902	8214
80	7607	8058
75	8980	8047
70	10159	8959
65	11462	9572
60	13168	10053
55	14684	11189
50	15748	12149
45	18040	13012

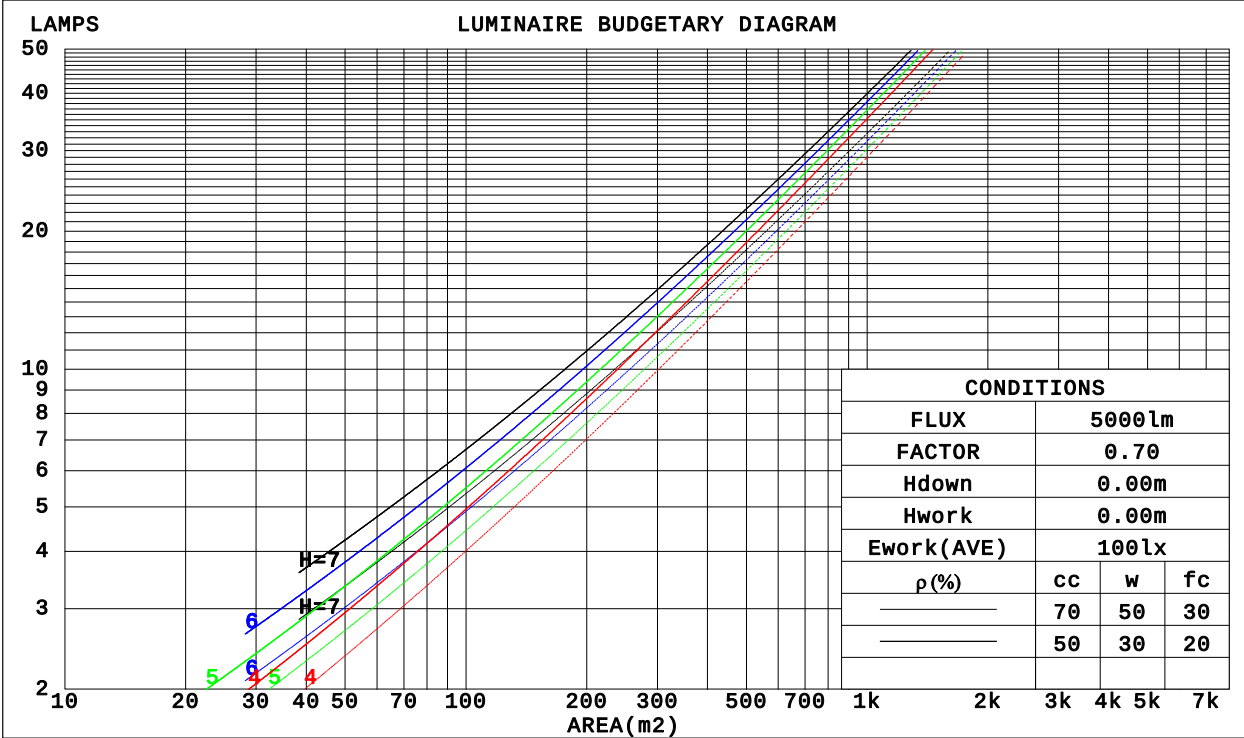
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	.78	.78	.78	.74
1.0	1.01	.97	.94	.96	.93	.90	.87	.85	.83	.79	.77	.76	.72	.70	.69	.65
2.0	.90	.85	.80	.86	.81	.77	.78	.75	.71	.72	.69	.66	.65	.63	.61	.58
3.0	.81	.74	.69	.78	.72	.67	.71	.66	.62	.65	.61	.58	.59	.57	.54	.51
4.0	.73	.66	.60	.70	.64	.59	.65	.59	.55	.59	.55	.52	.55	.51	.48	.46
5.0	.67	.59	.53	.64	.57	.52	.59	.53	.49	.55	.50	.46	.50	.47	.44	.41
6.0	.61	.53	.48	.59	.52	.47	.54	.49	.44	.50	.46	.42	.47	.43	.40	.37
7.0	.56	.48	.43	.54	.47	.42	.50	.44	.40	.47	.42	.38	.43	.39	.36	.34
8.0	.52	.44	.39	.50	.43	.38	.47	.41	.37	.43	.39	.35	.40	.36	.33	.31
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	.32	.40	.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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	.207	.119	.038	.182	.105	.034	.159	.092	.030		
2.0	.235	.129	.040	.222	.122	.038	.197	.110	.034	.174	.098	.031	.153	.087	.027		
3.0	.219	.117	.035	.208	.111	.033	.185	.100	.030	.164	.090	.028	.145	.080	.025		
4.0	.205	.106	.031	.194	.101	.030	.174	.092	.027	.155	.083	.025	.137	.074	.023		
5.0	.191	.097	.028	.181	.093	.027	.163	.085	.025	.146	.077	.023	.129	.069	.021		
6.0	.179	.090	.026	.170	.086	.025	.153	.078	.023	.137	.071	.021	.122	.064	.019		
7.0	.168	.083	.024	.160	.080	.023	.144	.073	.021	.130	.066	.019	.116	.060	.018		
8.0	.158	.077	.022	.151	.074	.021	.136	.068	.019	.123	.062	.018	.110	.056	.016		
9.0	.149	.072	.020	.142	.069	.019	.129	.064	.018	.116	.058	.017	.104	.053	.015		
10.0	.141	.068	.019	.135	.065	.018	.122	.060	.017	.111	.055	.016	.099	.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	.388	.388	.388	.332	.332	.332	.226	.226	.226	.130	.130	.130	.042	.042	.042		
1.0	.375	.356	.338	.321	.305	.291	.220	.210	.201	.126	.122	.117	.040	.039	.038		
2.0	.365	.333	.305	.313	.286	.264	.214	.198	.184	.124	.115	.108	.040	.037	.035		
3.0	.356	.315	.283	.305	.272	.245	.210	.189	.172	.121	.110	.101	.039	.036	.033		
4.0	.348	.302	.267	.299	.261	.232	.205	.182	.164	.119	.107	.097	.038	.035	.032		
5.0	.341	.292	.256	.293	.253	.223	.202	.177	.157	.117	.104	.093	.038	.034	.031		
6.0	.334	.284	.248	.287	.246	.216	.198	.172	.153	.115	.101	.091	.037	.033	.030		
7.0	.328	.277	.242	.282	.240	.211	.195	.168	.149	.113	.099	.089	.037	.032	.029		
8.0	.322	.272	.237	.277	.236	.206	.192	.165	.146	.112	.098	.087	.036	.032	.029		
9.0	.317	.267	.233	.273	.232	.203	.189	.163	.144	.110	.096	.086	.036	.032	.029		
10.0	.312	.263	.230	.269	.228	.201	.187	.161	.143	.109	.095	.085	.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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	18.2	19.2	18.8	19.8	20.5	
	20.2	21.2	20.9	21.8	22.5	19.2	20.2	19.9	20.8	21.5	
	20.6	21.5	21.2	22.1	22.8	19.6	20.5	20.3	21.1	21.9	
	20.8	21.6	21.5	22.3	23.0	20.0	20.8	20.6	21.4	22.2	
	20.9	21.6	21.6	22.3	23.1	20.1	20.9	20.8	21.5	22.3	
	20.9	21.6	21.6	22.3	23.1	20.2	20.9	20.9	21.6	22.4	
4H	2H	19.4	20.3	20.1	20.9	21.6	18.6	19.4	19.2	20.1	20.8
	3H	20.6	21.3	21.2	22.0	22.7	19.8	20.5	20.4	21.2	21.9
	4H	21.0	21.7	21.8	22.4	23.2	20.3	20.9	21.0	21.6	22.4
	6H	21.4	22.0	22.1	22.7	23.5	20.7	21.3	21.5	22.0	22.9
	8H	21.5	22.0	22.2	22.8	23.6	20.9	21.5	21.7	22.2	23.1
	12H	21.5	22.0	22.3	22.7	23.6	21.1	21.6	21.8	22.3	23.2
8H	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	22.3	22.8	23.7	21.0	21.4	21.8	22.2	23.1
	8H	21.7	22.1	22.5	22.9	23.8	21.3	21.7	22.1	22.4	23.4
	12H	21.8	22.1	22.6	22.9	23.9	21.5	21.8	22.3	22.7	23.6
12H	4H	21.1	21.6	21.8	22.3	23.2	20.4	20.9	21.1	21.6	22.5
	6H	21.6	22.0	22.4	22.7	23.7	21.0	21.4	21.8	22.2	23.1
	8H	21.7	22.1	22.6	22.9	23.8	21.3	21.7	22.1	22.5	23.4
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 1872 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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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:

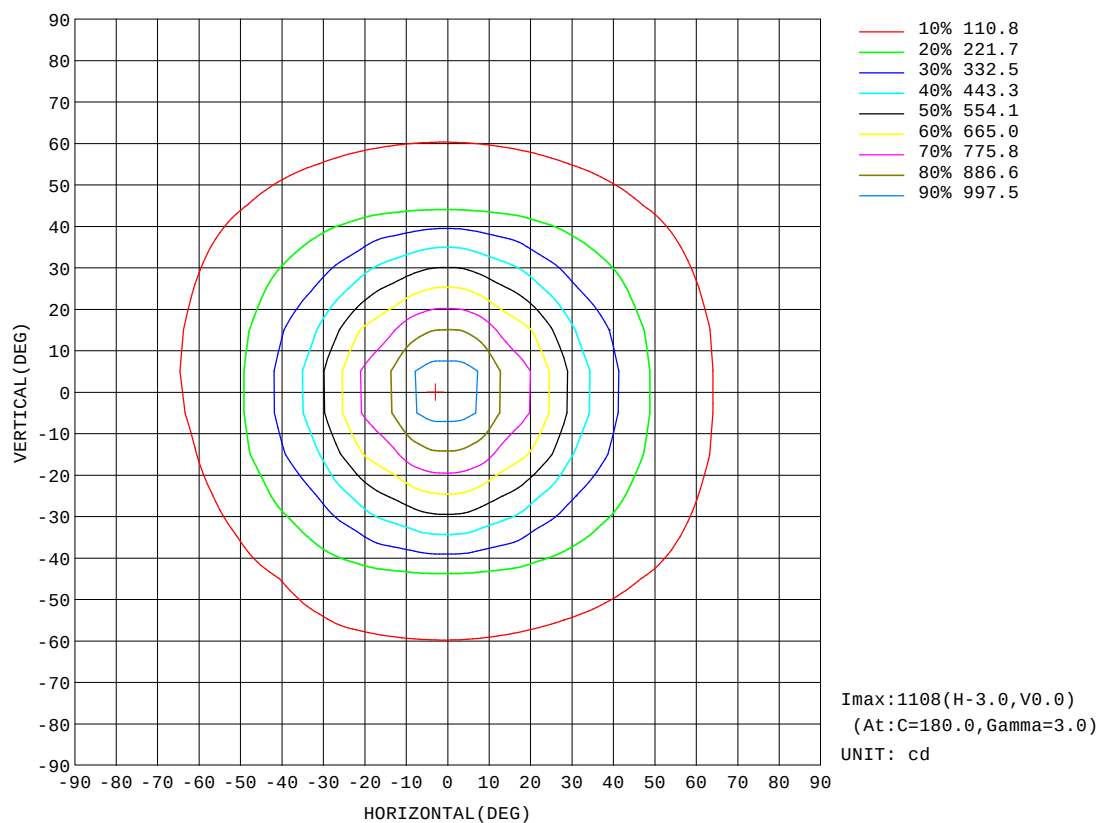
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	50	45	58	49	44	56	48	43	37
0.80	69	59	53	67	58	52	63	56	51	43
1.00	76	66	60	73	65	59	69	63	57	49
1.25	82	73	67	79	71	66	74	67	63	53
1.50	86	78	72	83	76	70	77	71	67	56
2.00	92	85	79	88	82	77	81	76	72	60
2.50	95	89	83	91	85	81	84	79	76	62
3.00	98	92	87	94	89	84	86	82	79	64
4.00	102	97	93	97	93	89	89	85	83	66
5.00	104	100	96	99	95	92	90	88	85	68
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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ISOCANDELA DIAGRAM

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SPEC.:	DIM.: 640*33*55	SERIAL No.:
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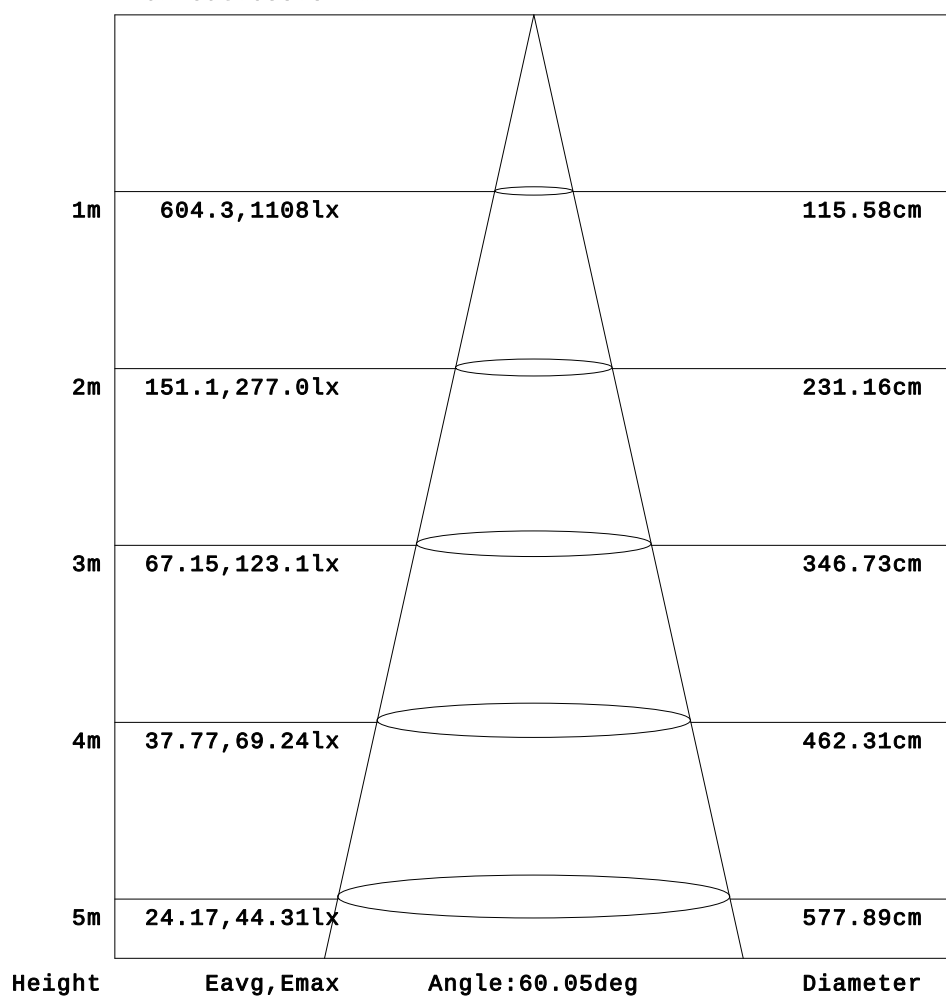
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Humidity:65.0%
Test Distance:8.190m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.3V I:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:658.8 lm



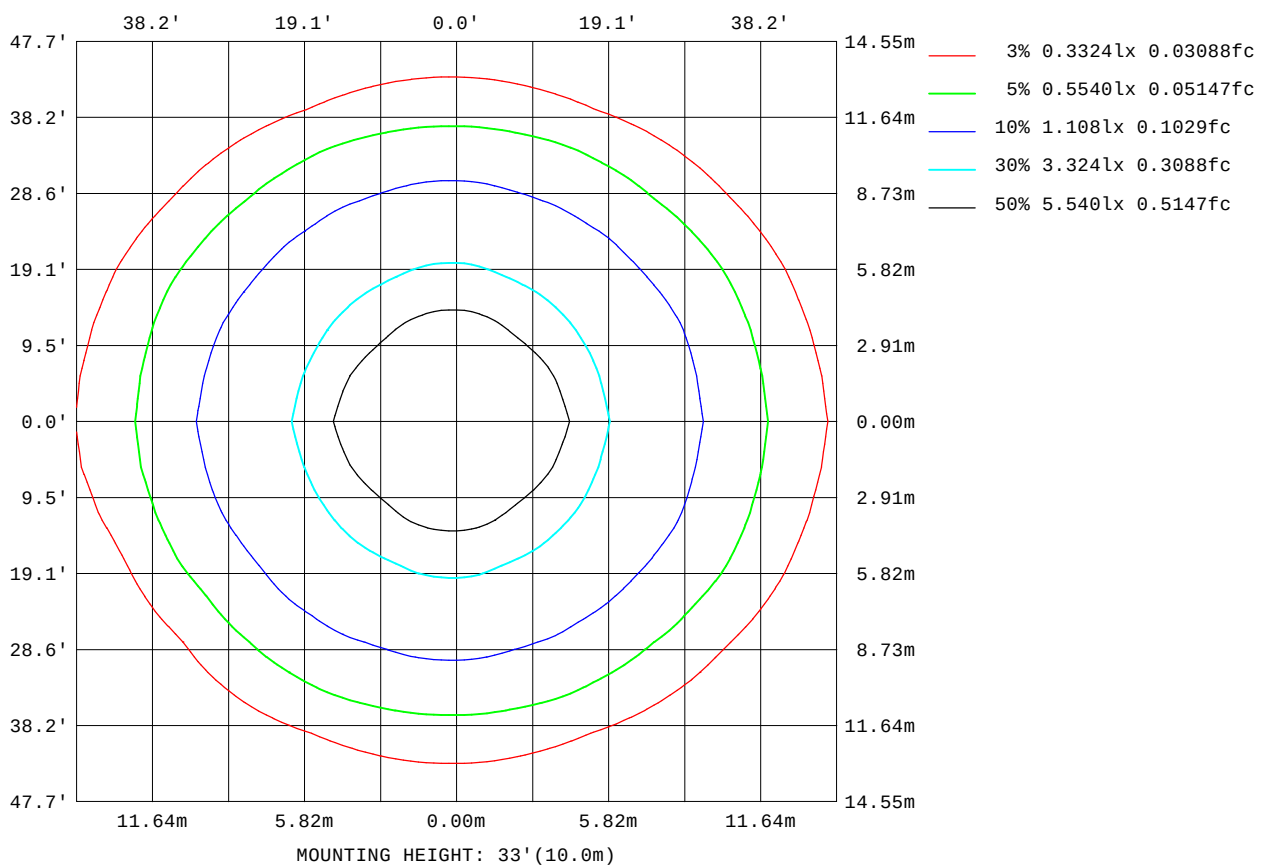
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

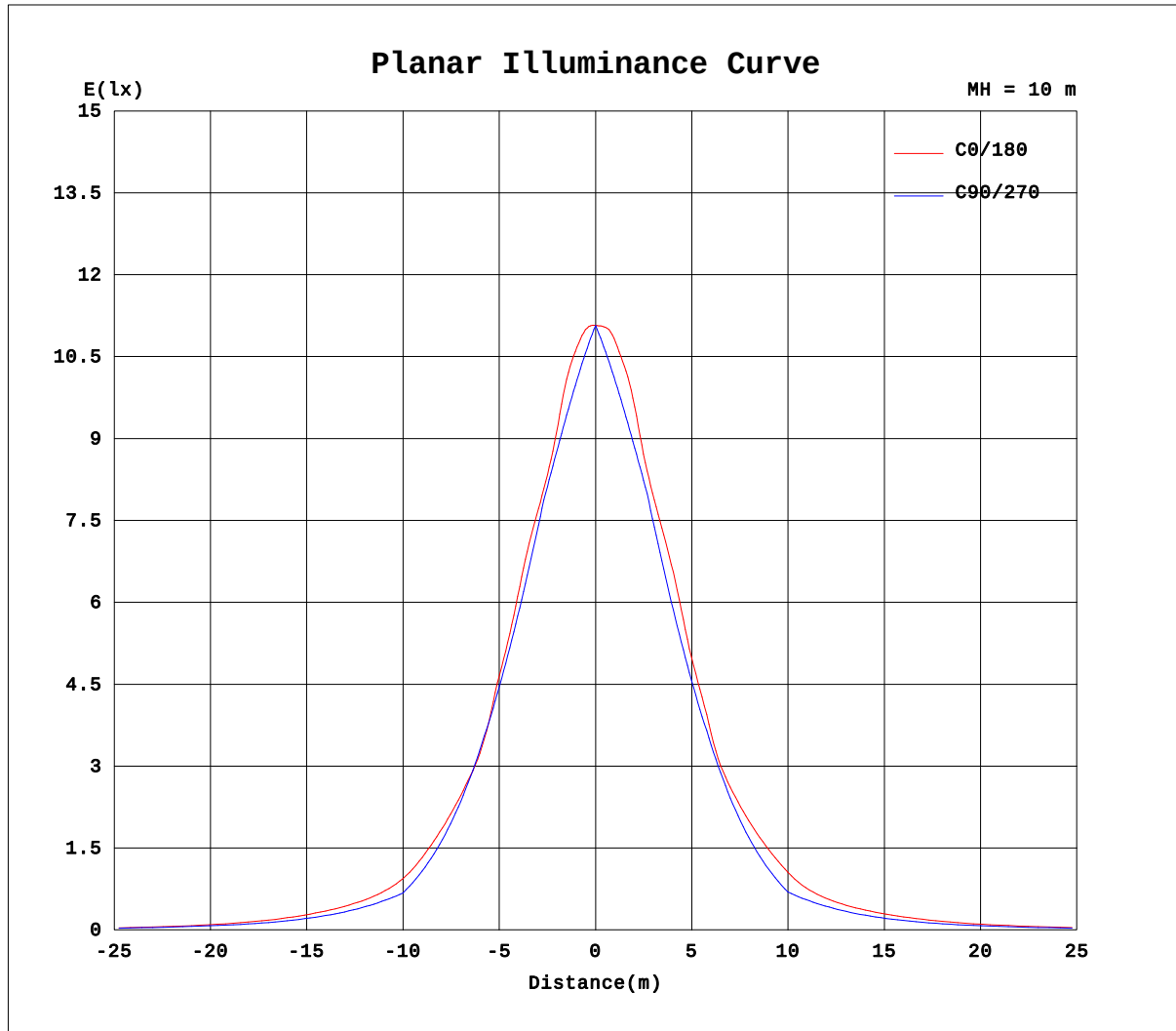
AvgL	cd/m2
L_0~180(65)av	12176
L_0~180(75)av	9462
L_0~180(85)av	4073
L_90~270(65)av	9678
L_90~270(75)av	8183
L_90~270(85)av	8276
L_45(65)av	9621
L_45(75)av	8076
L_45(85)av	7189

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
5	1088	1081	1075	1069	1064	1059	1055	1051	1048	1045	1043	1040	1038	1036	1034	1032	1031	1030	1030
10	1009	997	987	979	972	968	964	961	959	957	955	953	952	952	953	954	953	953	952
15	898	882	868	857	846	839	834	832	833	838	847	855	861	864	866	870	873	874	874
20	819	800	784	771	760	751	744	738	733	731	730	731	740	749	755	759	763	765	766
25	687	668	654	644	639	636	638	643	636	629	622	618	617	623	632	642	651	655	657
30	539	524	514	509	509	513	518	515	510	508	510	513	513	512	515	523	539	545	548
35	449	434	424	417	413	407	400	397	400	398	392	396	409	411	408	411	421	428	430
40	364	351	343	341	338	328	320	313	308	306	305	303	309	313	308	305	307	311	311
45	268	261	259	259	258	257	251	242	242	238	235	230	224	220	212	204	198	194	193
50	213	208	208	207	203	202	199	193	187	183	175	165	160	160	161	161	162	163	164
55	177	172	172	167	163	161	156	151	144	136	135	134	133	133	133	133	134	134	135
60	138	135	135	130	127	124	120	114	112	111	110	108	107	107	106	106	105	105	106
65	102	100	99.9	97.7	95.9	93.1	90.5	89.1	87.7	86.3	84.9	83.8	83.7	83.7	83.8	84.1	84.4	84.7	85.0
70	73.0	72.9	71.4	70.2	69.1	67.9	66.9	65.7	64.5	64.3	64.1	63.9	63.7	63.7	63.7	63.8	63.9	64.1	64.3
75	48.8	48.7	48.1	47.8	46.9	46.2	45.6	45.4	45.2	45.0	44.7	44.4	44.1	43.8	43.6	43.5	43.5	43.6	43.7
80	27.7	27.8	28.1	27.4	27.2	27.1	27.0	26.9	26.6	26.9	27.4	27.8	28.1	28.4	28.7	28.9	29.1	29.3	29.4
85	8.97	9.64	9.52	9.64	9.92	11.4	12.4	13.2	13.6	14.0	14.2	14.4	14.5	14.7	14.8	14.9	15.0	15.0	15.0
90	0.26	1.32	1.31	1.29	1.27	1.27	1.26	1.21	1.20	1.16	1.13	1.10	1.04	0.99	0.97	0.91	0.81	0.76	0.68
95	1.10	1.92	2.16	2.58	2.18	3.39	4.75	6.04	7.43	8.84	10.2	11.4	12.7	11.8	10.7	9.61	8.59	7.82	7.38
100	7.76	8.50	9.07	9.51	10.2	11.3	12.5	13.7	14.7	16.9	19.6	22.0	24.3	22.5	20.4	18.2	16.3	14.9	14.1
105	18.5	19.3	19.9	21.1	22.8	24.3	26.2	29.7	33.6	32.7	32.9	34.1	35.5	33.2	30.2	27.1	24.2	21.9	20.8
110	36.2	37.5	38.4	40.5	42.8	47.7	46.1	48.4	51.5	48.9	47.4	47.0	46.5	44.4	41.9	39.1	36.3	34.1	33.0
115	66.6	66.6	65.7	66.8	65.2	65.9	64.1	63.9	63.0	62.0	60.8	59.1	57.5	55.7	53.5	51.1	48.4	46.3	45.2
120	78.2	77.8	78.2	77.4	77.3	76.4	75.8	75.4	74.6	73.6	72.7	71.4	69.9	68.3	66.2	63.6	60.8	58.5	57.4
125	88.6	88.0	88.7	88.0	87.7	87.8	87.2	86.8	86.5	86.0	85.3	84.4	83.5	82.5	81.0	78.7	76.3	74.2	72.7
130	100	99.4	99.9	100	99.5	99.6	99.8	99.3	99.0	98.8	98.5	98.1	97.8	97.2	96.0	93.9	91.8	89.8	88.1
135	113	112	112	113	113	112	112	113	113	113	112	112	112	112	111	109	107	105	103
140	126	125	125	126	127	126	126	126	127	128	128	128	127	127	126	124	122	120	118
145	139	138	138	139	140	140	140	140	140	141	142	143	143	142	140	139	136	134	132
150	153	152	151	152	153	154	155	154	154	154	155	155	155	154	154	152	150	149	146
155	166	165	165	165	165	166	167	168	168	167	167	166	165	164	163	161	160	158	156
160	177	177	176	176	176	176	176	177	177	178	178	176	175	174	172	170	169	167	166
165	186	185	184	184	183	183	183	183	183	182	182	182	181	180	180	179	178	177	176
170	189	189	188	188	187	187	186	186	185	185	184	184	183	183	182	181	180	180	179
175	189	189	188	188	188	187	187	186	186	186	185	185	185	184	184	183	183	183	182
180	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
5	1030	1031	1033	1035	1037	1041	1044	1048	1053	1058	1062	1067	1072	1078	1084	1090	1097	1103	1097
10	953	955	958	961	964	967	968	971	974	978	984	990	998	1005	1014	1025	1037	1050	1037
15	875	878	880	881	879	879	880	879	876	872	870	870	874	881	891	903	917	933	918
20	767	770	772	771	772	770	763	757	755	757	761	769	778	790	803	819	837	858	838
25	658	659	658	654	648	641	639	644	652	663	676	678	679	683	690	702	718	740	720
30	548	547	544	534	530	532	537	541	543	544	545	551	555	554	559	569	585	608	587
35	431	431	426	422	426	432	431	425	423	428	430	427	430	435	439	447	460	477	462
40	313	315	314	318	326	331	327	326	329	330	330	335	345	358	363	369	379	394	380
45	196	201	208	218	229	237	242	249	252	252	252	259	269	278	284	284	288	299	290
50	164	165	165	165	165	165	171	181	187	190	192	199	204	207	216	219	220	224	220
55	135	136	136	136	137	138	138	137	134	137	142	146	148	153	166	180	180	185	182
60	106	107	108	109	110	111	110	107	103	98.9	96.3	101	104	106	117	129	136	150	146
65	85.2	85.5	85.8	86.1	86.5	86.7	81.6	77.7	75.1	72.9	71.0	69.3	70.4	72.5	75.2	82.8	93.8	114	111
70	64.6	64.9	65.3	65.7	66.2	65.1	60.4	56.4	53.0	50.4	49.5	48.7	47.4	47.4	48.3	50.7	57.0	82.2	80.9
75	44.0	44.4	44.9	45.4	46.0	43.8	40.7	38.3	35.7	33.6	32.6	31.6	30.0	29.8	28.8	28.9	29.1	54.1	52.9
80	29.5	29.7	29.7	29.8	29.7	27.2	24.8	22.8	19.9	18.0	18.2	18.0	17.1	16.6	16.7	16.0	15.7	15.4	30.4
85	15.1	15.2	15.2	15.2	15.1	13.7	12.5	11.4	9.95	8.98	8.52	8.04	7.54	7.43	8.01	8.73	8.37	5.94	12.1
90	0.70	0.75	0.67	0.68	0.57	0.45	0.41	0.40	0.43	0.43	0.43	0.43	0.48	0.51	0.46	0.39	0.31	0.17	0.16
95	7.65	8.40	9.26	10.4	11.6	12.9	13.2	12.9	11.3	9.65	7.15	5.47	3.70	2.02	2.78	2.27	1.93	0.80	0.76
100	14.6	16.0	17.8	19.9	22.5	25.1	26.0	25.6	22.8	20.1	18.3	18.2	16.9	15.4	14.6	14.1	13.8	7.12	7.08
105	21.6	23.8	26.5	29.6	33.3	36.8	38.8	39.9	40.4	42.4	42.2	41.1	38.0	36.9	34.3	33.6	32.3	32.7	18.0
110	33.6	35.4	37.9	40.8	44.3	47.9	51.0	54.0	57.5	62.7	63.9	62.7	64.0	62.6	61.7	60.3	59.7	61.2	43.4
115	45.5	47.0	49.3	51.9	55.2	58.8	62.6	66.7	70.4	74.1	77.3	79.8	82.3	82.9	84.8	84.4	84.8	87.0	73.4
120	57.6	58.9	61.1	63.6	66.8	70.5	74.2	77.8	81.4	84.9	88.3	90.7	93.1	95.6	96.4	97.8	97.6	100	94.1
125	72.3	72.9	74.5	76.7	79.5	82.7	86.0	89.4	92.6	95.5	98.1	101	103	105	106	108	107	110	109
130	87.1	87.0	88.0	89.7	92.4	95.2	97.9	101	103	106	109	111	113	114	116	116	116	119	118
135	102	101	102	103	105	107	109	112	115	117	120	121	122	124	125	125	125	128	127
140	116	115	115	116	117	119	121	123	126	128	129	130	132	134	134	134	134	138	136
145	130	129	129	129	130	131	133	134	135	136	138	140	141	142	142	142	143	147	145
150	145	143	142	142	142	142	142	143	144	145	146	148	149	149	149	150	150	154	153
155	155	153	152	152	152	152	152	152	153	154	155	155	155	155	155	156	157	160	159
160	165	164	163	162	162	162	162	163	163	162	162	161	161	162	162	162	163	167	166
165	175	173	173	172	171	170	170	169	169	168	168	168	168	168	169	169	170	173	172
170	178	178	177	176	176	175	175	175	175	174	174	175	175	175	175	176	176	179	178
175	182	182	181	181	181	181	180	180	180	180	180	180	180	180	181	181	181	183	183
180	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	185	185

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
5	1091	1085	1079	1074	1069	1065	1060	1056	1052	1048	1044	1041	1039	1037	1035	1034	1034	1035	1036
10	1026	1016	1008	1001	994	988	983	979	977	975	974	972	969	966	963	961	961	962	963
15	905	894	886	881	878	879	882	885	887	889	889	890	892	892	890	888	887	888	888
20	821	807	794	784	776	771	768	770	773	777	781	783	782	784	783	780	779	779	778
25	706	696	691	689	688	686	673	662	655	652	654	661	666	670	673	672	671	670	664
30	574	565	559	559	559	556	553	550	548	545	542	542	548	555	561	564	563	559	550
35	451	444	443	442	438	436	432	428	429	436	440	435	433	436	441	443	441	438	430
40	372	368	364	353	343	338	336	333	328	330	335	332	325	322	322	321	319	318	314
45	287	288	284	278	270	263	260	257	253	245	240	233	222	213	206	200	197	198	202
50	221	220	218	216	212	206	201	194	186	174	168	168	168	168	168	168	167	167	166
55	182	177	174	172	166	161	153	144	142	141	140	140	139	139	138	138	138	137	136
60	145	141	138	133	128	122	120	118	116	114	113	112	111	110	109	108	108	107	107
65	110	108	105	101	97.8	96.0	94.3	92.4	90.5	88.8	88.3	88.0	87.7	87.5	87.3	87.1	86.8	86.5	86.2
70	79.7	78.2	76.4	74.6	73.6	72.0	70.3	69.5	69.1	68.5	68.0	67.5	67.1	66.8	66.5	66.3	66.0	65.8	65.6
75	53.1	52.0	51.7	50.9	50.9	49.5	49.0	48.9	49.0	48.4	47.8	47.2	46.7	46.2	45.8	45.5	45.2	45.1	45.0
80	29.9	29.3	29.1	29.0	28.7	27.3	28.1	29.2	30.6	30.7	30.7	30.6	30.6	30.5	30.5	30.4	30.2	30.1	30.0
85	12.0	11.4	11.0	11.8	12.2	12.5	13.9	14.6	15.3	15.5	15.5	15.5	15.4	15.4	15.5	15.5	15.3	15.3	15.3
90	0.21	0.24	0.28	0.28	0.29	0.29	0.30	0.30	0.28	0.28	0.29	0.30	0.30	0.29	0.45	0.47	0.29	0.44	0.53
95	1.17	1.37	0.94	2.28	3.61	4.80	6.03	7.63	9.73	11.0	11.7	10.9	9.52	8.40	7.49	6.63	6.60	7.18	7.99
100	7.43	7.91	8.69	9.68	11.5	12.3	12.8	15.5	19.6	21.8	23.1	21.4	18.6	16.4	14.5	12.8	12.9	13.9	15.4
105	18.3	19.0	21.5	22.3	26.2	28.7	30.0	30.7	32.5	34.0	34.9	31.6	27.9	24.6	21.6	19.0	19.2	20.7	23.0
110	39.8	39.4	39.8	41.9	42.8	45.4	47.3	45.9	46.4	47.4	46.2	42.4	38.7	35.7	32.8	30.5	30.8	32.7	35.1
115	65.9	60.8	59.1	59.0	58.5	59.5	59.7	60.1	60.6	60.8	56.8	53.2	49.5	46.8	43.9	42.1	42.3	44.8	47.1
120	90.7	82.9	76.0	74.9	74.0	73.3	73.9	75.1	75.2	73.1	68.4	64.7	61.0	58.3	55.2	53.8	53.8	56.8	59.4
125	108	101	95.1	93.4	92.8	90.2	90.3	91.6	88.6	85.0	80.9	76.9	74.0	71.3	68.8	68.1	68.9	68.3	74.9
130	117	115	112	111	109	107	105	103	100	97.1	92.9	89.7	86.8	84.5	82.5	82.6	84.1	80.7	90.3
135	126	126	124	122	121	120	117	115	112	109	105	102	99.6	97.6	96.5	97.1	99.2	95.9	105
140	135	135	135	133	131	129	128	126	123	120	117	114	112	110	110	111	113	114	111
145	144	144	144	143	141	139	137	135	134	132	129	127	125	124	124	125	127	130	126
150	152	151	151	150	149	147	146	144	143	141	140	139	137	137	138	139	141	144	142
155	158	157	157	157	157	157	155	154	152	152	150	148	147	147	147	149	150	153	154
160	165	164	164	163	163	163	164	164	163	161	159	158	156	156	157	158	160	162	163
165	172	171	171	170	170	169	169	168	168	167	166	165	165	165	166	168	169	170	172
170	177	177	176	175	175	174	174	173	172	172	172	172	172	173	173	174	174	175	175
175	182	182	181	181	181	180	180	180	180	180	180	180	180	180	180	180	180	180	180
180	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1871.92x1 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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108				
5	1037	1038	1040	1042	1044	1046	1048	1051	1054	1057	1061	1066	1070	1076	1081				
10	963	963	963	962	962	962	963	964	966	968	972	975	981	988	998				
15	886	882	878	872	865	857	847	841	838	839	843	850	859	870	883				
20	774	769	762	752	743	741	741	742	746	751	758	765	775	787	801				
25	655	646	635	628	628	632	639	647	655	648	643	642	646	655	668				
30	537	527	523	522	523	521	520	519	520	522	522	518	515	517	525				
35	422	418	420	418	408	403	405	407	406	406	412	418	420	426	435				
40	313	315	319	317	312	314	314	313	318	325	334	343	345	346	352				
45	208	216	225	229	235	240	242	246	249	256	262	264	264	260	262				
50	164	164	163	163	168	177	185	191	196	201	203	204	208	208	208				
55	136	136	135	136	136	137	138	146	153	158	162	164	167	173	173				
60	108	108	109	109	110	111	113	114	116	121	125	129	131	136	136				
65	85.8	85.6	85.4	85.3	85.3	86.4	87.7	89.0	90.3	91.7	94.2	96.9	98.7	101	101				
70	65.3	65.2	65.2	65.2	65.3	65.4	65.5	65.6	66.8	67.9	68.7	69.9	70.9	71.9	73.2				
75	44.9	45.0	45.2	45.3	45.6	45.8	46.1	46.3	46.4	46.5	46.9	47.6	48.3	48.5	49.0				
80	29.7	29.5	29.2	29.0	28.6	28.3	27.9	27.5	27.8	27.9	27.8	27.9	28.0	28.5	28.0				
85	15.1	15.0	14.9	14.7	14.6	14.4	14.2	13.9	13.5	12.8	11.8	10.5	10.1	9.94	9.96				
90	0.53	0.55	0.57	0.59	0.60	0.63	0.64	0.67	0.69	0.69	0.69	0.69	0.69	0.69	0.69				
95	8.95	10.0	11.1	11.6	10.3	9.02	7.75	6.32	4.96	3.63	2.26	1.27	1.77	1.33	1.21				
100	17.3	19.4	21.5	22.8	20.2	17.7	15.3	12.9	12.1	11.0	9.95	8.93	8.37	8.15	7.78				
105	25.9	29.0	32.0	34.1	32.1	31.1	31.0	31.7	27.7	24.5	22.8	21.5	20.0	19.0	18.7				
110	37.8	40.6	43.1	45.1	45.3	46.0	47.6	50.3	46.0	44.6	45.5	41.2	39.1	37.4	36.5				
115	49.8	52.2	54.3	56.1	57.8	59.6	60.9	62.0	62.6	63.3	65.2	64.0	66.5	65.1	65.0				
120	62.3	64.8	67.0	68.6	70.3	71.6	72.6	73.6	74.6	75.2	75.9	77.1	77.3	78.3	75.0				
125	77.4	79.7	81.3	82.4	83.4	84.4	85.1	85.6	86.1	86.7	87.4	87.5	88.0	88.2	83.9				
130	92.6	94.8	96.1	96.8	97.2	97.6	98.0	98.3	98.7	99.4	99.3	99.4	100	99.4	96.9				
135	107	110	111	111	112	112	112	112	113	112	112	113	113	112	111				
140	116	124	126	126	127	127	127	126	126	125	126	127	125	124	124				
145	120	133	141	142	142	140	138	139	140	140	140	140	138	138	138				
150	127	137	151	148	144	147	146	147	147	150	153	152	150	150	150				
155	151	146	154	160	151	143	146	153	152	154	157	158	159	161	162				
160	164	163	165	168	171	166	154	148	149	155	162	165	167	169	171				
165	173	174	175	176	177	177	177	177	176	173	171	171	173	175	177				
170	175	176	176	176	177	177	178	179	179	180	180	181	181	181	182				
175	180	180	179	179	179	179	179	179	179	179	180	180	180	180	180				
180	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185				

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	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1106	1103	1099	1096	1093	1090	1087	1085	1082	1080
5.0	1088	1081	1075	1069	1064	1059	1055	1051	1048	1045
7.5	1059	1050	1041	1033	1026	1020	1014	1009	1005	1002
10.0	1009	997.2	987.0	978.7	972.4	968.0	964.0	961.3	958.8	957.0
12.5	943.1	929.5	917.9	908.4	901.7	897.4	895.6	897.0	899.4	902.8
15.0	897.8	882.2	868.4	856.5	846.4	839.0	833.6	831.6	833.0	838.4
17.5	862.2	844.6	829.1	815.5	803.5	793.5	786.0	780.8	778.5	779.7
20.0	818.9	799.7	783.5	770.5	759.9	751.2	743.9	737.5	733.1	731.3
22.5	753.3	734.2	719.6	709.5	703.4	699.2	696.4	693.9	691.7	681.8
25.0	687.0	668.0	653.8	644.2	638.6	636.4	638.1	642.7	635.7	628.8
27.5	624.2	604.1	590.6	581.1	577.3	578.2	580.8	575.3	572.3	570.2
30.0	539.0	523.7	514.3	509.3	509.5	513.2	518.0	515.4	509.7	507.9
32.5	488.1	472.8	461.6	455.0	453.2	453.9	451.4	454.5	454.2	449.3
35.0	448.9	434.0	423.5	416.7	413.0	407.0	399.5	396.8	399.7	397.6
37.5	408.2	394.0	384.7	379.6	378.1	367.1	357.6	351.5	349.4	348.9
40.0	364.0	350.6	343.4	341.0	338.4	328.3	320.2	313.2	307.7	305.8
42.5	314.2	303.0	298.0	298.6	297.9	291.5	283.1	277.7	272.5	269.9
45.0	267.9	261.0	258.6	259.4	258.2	257.1	250.7	242.4	242.0	238.0
47.5	235.8	230.8	230.0	230.9	227.4	226.2	222.7	215.4	213.0	209.2
50.0	212.6	208.4	207.9	207.0	203.2	201.7	199.0	192.6	186.7	182.6
52.5	194.5	189.9	189.4	186.2	182.1	180.7	176.9	171.2	164.3	157.9
55.0	176.9	172.3	171.9	166.5	163.1	160.8	156.4	150.9	143.8	136.4
57.5	158.4	154.2	154.1	148.1	144.5	141.8	137.3	131.8	125.0	123.5
60.0	138.3	135.5	135.3	130.5	127.4	123.8	119.9	114.1	112.2	110.8
62.5	120.7	118.2	117.0	113.9	111.0	107.8	103.9	101.3	99.78	98.47
65.0	101.7	100.5	99.88	97.66	95.87	93.07	90.51	88.08	87.67	86.27
67.5	86.45	85.68	84.29	83.01	81.84	79.58	78.52	77.20	75.82	74.38
70.0	72.97	72.88	71.35	70.21	69.15	67.88	66.94	65.69	64.48	64.29
72.5	60.54	60.77	59.44	58.54	57.77	56.76	55.81	54.98	54.74	54.55
75.0	48.81	48.75	48.08	47.80	46.93	46.16	45.59	45.42	45.21	44.96
77.5	37.92	37.83	37.56	37.37	36.77	36.33	36.20	36.08	35.82	35.50
80.0	27.74	27.76	28.06	27.42	27.23	27.11	27.04	26.92	26.57	26.95
82.5	17.95	18.19	18.26	18.19	18.22	18.17	18.24	19.28	19.94	20.42
85.0	8.973	9.639	9.524	9.642	9.918	11.40	12.44	13.17	13.64	13.96
87.5	1.590	2.422	2.486	4.340	5.480	6.263	6.809	7.162	7.499	7.549
90.0	0.2568	1.316	1.307	1.293	1.274	1.270	1.256	1.209	1.204	1.158
92.5	0.7291	1.534	1.491	1.484	1.682	2.272	2.961	3.585	4.285	4.975
95.0	1.098	1.916	2.161	2.584	2.177	3.389	4.754	6.037	7.429	8.842
97.5	3.681	4.524	4.913	5.392	5.770	6.163	6.718	8.638	10.70	12.81
100.0	7.763	8.501	9.071	9.509	10.17	11.33	12.53	13.68	14.66	16.92
102.5	12.54	13.25	13.93	14.86	15.72	16.87	19.08	21.40	24.04	24.22
105.0	18.46	19.34	19.94	21.11	22.81	24.33	26.25	29.72	33.62	32.65
107.5	26.24	27.35	27.85	29.34	31.59	34.70	35.73	38.98	42.69	40.90
110.0	36.22	37.50	38.36	40.50	42.82	47.72	46.07	48.44	51.52	48.92
112.5	50.95	51.69	53.15	56.32	54.71	59.82	55.64	56.90	57.43	56.43
115.0	66.64	66.64	65.71	66.82	65.21	65.89	64.14	63.94	63.01	62.02
117.5	72.75	72.54	72.67	72.29	71.83	71.14	70.65	69.58	68.69	67.77
120.0	78.24	77.84	78.21	77.45	77.33	76.35	75.77	75.41	74.55	73.65
122.5	83.33	82.86	83.57	82.60	82.44	81.78	81.30	80.94	80.56	79.75
125.0	88.57	88.03	88.74	88.03	87.67	87.79	87.18	86.76	86.46	86.05
127.5	94.16	93.52	94.13	93.95	93.47	93.74	93.36	92.85	92.57	92.26
130.0	100.1	99.42	99.89	100.2	99.54	99.64	99.82	99.32	99.04	98.76
132.5	106.2	105.4	105.8	106.8	106.0	105.8	106.1	106.1	105.7	105.6
135.0	112.7	111.9	112.1	113.3	112.6	112.2	112.4	113.2	112.8	112.6
137.5	119.2	118.4	118.5	119.5	119.5	118.9	119.0	119.5	120.3	119.9
140.0	125.8	124.9	124.9	125.7	126.5	125.8	125.7	126.2	126.9	127.6
142.5	132.4	131.4	131.3	132.0	133.5	133.0	132.7	132.9	133.6	134.6
145.0	139.1	138.2	138.0	138.6	139.9	140.3	139.8	139.9	140.4	141.3
147.5	146.0	145.0	144.7	145.1	146.1	147.7	147.2	147.1	147.5	147.8
150.0	152.7	151.7	151.3	151.6	152.5	154.0	154.8	154.4	154.3	154.4
152.5	159.5	158.5	158.1	158.3	159.1	160.2	161.6	161.4	161.1	161.0
155.0	166.3	165.3	164.8	164.7	165.1	165.8	166.9	168.3	167.8	167.2
157.5	172.1	171.2	170.6	170.4	170.6	171.1	171.9	172.9	173.9	173.1
160.0	177.5	176.6	176.0	175.7	175.7	175.9	176.3	176.8	177.4	177.9
162.5	181.9	181.1	180.5	180.1	179.9	179.9	180.0	180.2	180.3	180.4
165.0	185.5	184.8	184.2	183.7	183.4	183.1	182.9	182.8	182.6	182.4
167.5	187.9	187.2	186.7	186.2	185.8	185.4	185.0	184.7	184.3	183.9
170.0	189.3	188.7	188.2	187.7	187.3	186.8	186.3	185.9	185.4	184.8
172.5	189.4	189.0	188.6	188.2	187.7	187.3	186.9	186.4	186.0	185.5
175.0	188.8	188.5	188.2	187.9	187.6	187.2	186.8	186.5	186.1	185.8
177.5	187.5	187.3	187.2	187.0	186.8	186.6	186.4	186.2	186.0	185.8
180.0	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7

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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1078	1076	1074	1073	1071	1070	1070	1069	1069	1069
5.0	1043	1040	1038	1036	1034	1032	1031	1030	1030	1030
7.5	999.3	997.6	996.6	996.1	994.8	993.6	992.4	991.5	991.1	991.4
10.0	954.6	953.0	952.2	952.5	953.4	953.6	953.1	952.6	952.2	952.7
12.5	905.8	907.2	907.5	908.1	910.0	912.6	913.3	913.6	913.4	913.9
15.0	846.7	855.0	861.0	863.9	866.3	870.1	873.1	874.1	874.5	875.2
17.5	785.1	796.6	807.7	812.4	813.7	815.8	819.2	819.6	820.0	821.3
20.0	730.4	731.4	739.5	749.0	754.6	758.6	762.8	764.7	765.6	767.0
22.5	674.8	672.2	674.7	684.8	693.7	700.7	706.9	709.8	711.1	712.6
25.0	622.5	617.9	617.2	622.7	632.5	642.0	650.9	654.7	656.7	658.0
27.5	568.5	566.1	563.8	565.0	572.4	582.3	594.8	599.7	602.2	603.3
30.0	509.8	512.8	512.8	511.7	514.5	522.7	538.8	544.7	547.7	548.5
32.5	448.8	456.1	461.7	461.0	460.2	465.3	479.7	486.1	488.7	489.6
35.0	392.3	395.8	409.1	410.8	408.4	410.6	421.2	427.5	429.6	430.7
37.5	343.9	345.8	357.6	361.6	357.9	357.2	363.9	369.0	370.5	371.8
40.0	305.5	303.3	308.5	312.7	308.3	305.1	307.4	310.6	311.4	312.9
42.5	268.9	265.3	263.8	265.3	259.7	254.0	252.2	252.4	252.3	254.2
45.0	234.6	229.8	223.7	220.0	212.0	203.8	198.0	194.4	193.2	195.6
47.5	203.2	196.3	187.2	177.4	174.5	175.5	176.7	177.9	178.6	179.0
50.0	174.6	164.9	160.0	160.2	160.6	161.3	162.3	163.4	164.0	164.4
52.5	148.3	147.0	146.6	146.6	146.8	147.3	148.0	148.9	149.4	149.8
55.0	135.0	134.0	133.3	133.1	133.1	133.3	133.8	134.4	134.8	135.2
57.5	122.2	121.1	120.3	119.8	119.5	119.4	119.6	119.9	120.2	120.6
60.0	109.6	108.4	107.4	106.7	106.1	105.7	105.4	105.4	105.6	106.0
62.5	97.14	95.85	94.71	93.00	93.97	94.25	94.59	94.95	95.26	95.49
65.0	84.89	83.76	83.68	83.69	83.82	84.07	84.36	84.67	84.95	85.20
67.5	73.95	73.78	73.68	73.65	73.73	73.90	74.14	74.40	74.65	74.90
70.0	64.08	63.89	63.75	63.66	63.66	63.76	63.93	64.14	64.34	64.61
72.5	54.31	54.08	53.87	53.71	53.63	53.64	53.73	53.87	54.04	54.32
75.0	44.66	44.35	44.05	43.81	43.62	43.53	43.54	43.61	43.74	44.03
77.5	35.10	34.69	34.94	35.30	35.61	35.91	36.18	36.41	36.56	36.76
80.0	27.41	27.80	28.12	28.41	28.66	28.90	29.10	29.28	29.39	29.55
82.5	20.78	21.08	21.32	21.53	21.73	21.90	22.03	22.14	22.21	22.34
85.0	14.21	14.40	14.55	14.68	14.80	14.90	14.95	15.01	15.03	15.12
87.5	7.661	7.746	7.792	7.834	7.882	7.903	7.882	7.885	7.857	7.912
90.0	1.130	1.097	1.041	0.9943	0.9662	0.9104	0.8122	0.7563	0.6816	0.7004
92.5	5.620	6.231	6.872	6.416	5.852	5.265	4.704	4.288	4.030	4.176
95.0	10.16	11.40	12.69	11.82	10.73	9.611	8.591	7.818	7.379	7.650
97.5	14.79	16.64	18.50	17.20	15.57	13.94	12.47	11.34	10.73	11.12
100.0	19.55	21.99	24.28	22.54	20.39	18.24	16.33	14.87	14.08	14.59
102.5	25.41	27.53	30.02	27.83	25.15	22.52	20.18	18.38	17.43	18.05
105.0	32.89	34.14	35.54	33.24	30.24	27.10	24.20	21.94	20.77	21.56
107.5	40.24	40.63	41.00	38.80	36.04	33.10	30.27	28.03	26.87	27.55
110.0	47.43	47.00	46.48	44.38	41.85	39.09	36.34	34.12	32.97	33.55
112.5	54.42	53.17	51.96	50.00	47.68	45.08	42.40	40.20	39.06	39.55
115.0	60.76	59.07	57.46	55.66	53.53	51.07	48.45	46.28	45.16	45.55
117.5	66.65	65.14	63.32	61.37	59.40	57.05	54.49	52.36	51.26	51.55
120.0	72.68	71.39	69.88	68.28	66.16	63.57	60.78	58.51	57.35	57.61
122.5	78.89	77.78	76.60	75.34	73.55	71.12	68.52	66.35	65.03	64.95
125.0	85.29	84.36	83.49	82.48	80.99	78.69	76.27	74.19	72.71	72.30
127.5	91.89	91.13	90.58	89.77	88.49	86.26	84.03	82.02	80.38	79.68
130.0	98.45	98.09	97.82	97.21	96.03	93.85	91.79	89.84	88.06	87.09
132.5	105.3	105.2	105.1	104.7	103.6	101.5	99.55	97.65	95.74	94.52
135.0	112.4	112.5	112.4	112.1	111.0	109.0	107.2	105.4	103.4	102.0
137.5	119.8	119.9	119.8	119.4	118.2	116.4	114.6	112.7	110.6	109.1
140.0	127.6	127.5	127.3	126.8	125.6	123.9	121.9	119.9	117.8	116.2
142.5	135.5	135.2	135.0	134.3	132.9	131.3	129.1	127.1	124.9	123.3
145.0	142.1	142.9	142.6	141.7	140.3	138.6	136.3	134.3	132.1	130.4
147.5	148.4	149.0	149.3	149.2	147.7	146.0	143.5	141.5	139.3	137.6
150.0	154.7	154.9	154.8	154.4	153.6	152.2	150.2	148.5	146.5	144.7
152.5	160.8	160.6	160.2	159.5	158.4	156.9	155.0	153.2	151.3	149.6
155.0	166.7	166.2	165.4	164.4	163.1	161.4	159.7	158.0	156.2	154.6
157.5	172.3	171.4	170.4	169.1	167.7	166.0	164.3	162.7	161.1	159.6
160.0	177.5	176.4	175.1	173.7	172.1	170.5	168.9	167.4	165.9	164.6
162.5	180.4	180.3	179.5	178.0	176.5	175.0	173.5	172.1	170.8	169.6
165.0	182.1	181.7	181.1	180.5	179.7	178.8	177.8	176.7	175.6	174.5
167.5	183.4	182.8	182.2	181.5	180.8	180.0	179.1	178.2	177.3	176.4
170.0	184.3	183.8	183.2	182.5	181.8	181.2	180.4	179.7	179.0	178.3
172.5	185.0	184.5	183.9	183.4	182.9	182.3	181.7	181.2	180.7	180.1
175.0	185.4	185.0	184.6	184.2	183.8	183.4	183.0	182.7	182.3	182.0
177.5	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.2	184.0	183.8
180.0	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7

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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1069	1070	1071	1072	1074	1076	1078	1080	1083	1086
5.0	1031	1033	1035	1037	1041	1044	1048	1053	1058	1062
7.5	992.8	995.2	998.3	1002	1006	1010	1014	1017	1021	1026
10.0	954.6	957.5	961.0	964.5	967.2	968.4	970.5	973.7	978.3	983.8
12.5	916.3	919.4	922.1	923.1	922.9	924.0	926.9	930.1	932.5	935.2
15.0	877.7	880.4	880.9	879.1	879.1	880.1	879.0	875.8	872.4	870.3
17.5	824.9	827.8	828.4	829.9	833.4	829.9	820.9	812.7	808.2	808.8
20.0	769.9	771.5	770.9	771.7	769.7	763.2	757.3	755.0	756.8	761.5
22.5	714.8	714.5	713.2	710.5	703.8	697.0	696.8	703.4	713.1	719.1
25.0	659.1	657.9	654.2	647.8	640.9	638.8	644.0	652.3	663.4	675.8
27.5	603.2	601.3	593.9	587.2	584.0	587.0	593.1	600.3	607.7	613.0
30.0	547.3	543.5	533.7	530.5	532.1	536.7	540.6	543.3	543.7	544.6
32.5	489.1	484.5	476.6	478.0	482.5	485.9	484.4	481.3	481.4	486.5
35.0	430.8	426.1	422.3	426.5	432.5	431.2	424.5	423.0	428.1	430.0
37.5	372.8	369.3	369.6	375.8	381.6	377.4	368.6	373.3	377.6	375.4
40.0	315.1	314.3	318.1	326.0	331.0	326.9	325.5	328.7	330.1	329.7
42.5	257.8	260.7	267.6	277.1	282.7	281.9	286.1	289.2	287.9	289.7
45.0	201.1	208.3	217.9	229.3	237.2	242.1	248.8	252.0	251.5	252.3
47.5	179.1	179.0	178.8	182.9	195.3	205.5	213.7	217.9	219.8	220.0
50.0	164.6	164.5	164.6	164.9	165.4	170.6	181.0	187.4	189.8	191.6
52.5	150.0	150.2	150.4	150.9	151.5	151.3	151.2	159.6	162.0	166.7
55.0	135.5	135.9	136.4	137.1	137.9	137.6	136.5	134.1	136.6	142.2
57.5	121.1	121.7	122.5	123.5	124.4	123.7	121.8	118.0	113.5	118.2
60.0	106.7	107.6	108.7	109.9	111.1	109.7	106.9	102.8	98.94	96.29
62.5	95.76	96.02	96.33	96.72	98.08	95.49	92.09	88.53	85.48	82.95
65.0	85.48	85.76	86.10	86.50	86.66	81.64	77.72	75.11	72.93	70.97
67.5	75.20	75.51	75.89	76.33	75.87	70.83	65.97	62.47	61.19	59.85
70.0	64.93	65.29	65.70	66.18	65.12	60.44	56.37	53.02	50.42	49.49
72.5	54.67	55.07	55.55	56.07	54.37	50.42	47.17	44.21	41.83	40.30
75.0	44.41	44.86	45.41	45.97	43.81	40.74	38.25	35.65	33.58	32.58
77.5	36.91	37.01	37.12	37.11	34.16	31.31	29.58	27.29	25.67	25.22
80.0	29.68	29.74	29.83	29.75	27.25	24.83	22.76	19.94	18.03	18.20
82.5	22.44	22.47	22.53	22.42	20.45	18.62	17.02	14.85	13.32	12.66
85.0	15.21	15.20	15.25	15.12	13.73	12.50	11.41	9.947	8.977	8.520
87.5	7.979	7.938	7.961	7.841	7.075	6.435	5.884	5.160	4.691	4.458
90.0	0.7469	0.6723	0.6769	0.5693	0.4481	0.4061	0.3969	0.4342	0.4342	0.4342
92.5	4.578	4.968	5.526	6.095	6.670	6.798	6.624	5.855	4.997	3.753
95.0	8.405	9.255	10.36	11.60	12.87	13.20	12.88	11.34	9.646	7.151
97.5	12.22	13.53	15.17	17.08	19.03	19.60	19.21	16.96	14.46	10.70
100.0	16.03	17.78	19.94	22.49	25.13	26.02	25.62	22.76	20.08	18.31
102.5	19.82	21.99	24.65	27.84	31.14	32.47	32.51	31.22	31.35	30.00
105.0	23.76	26.48	29.63	33.27	36.81	38.81	39.93	40.42	42.39	42.16
107.5	29.57	32.19	35.21	38.78	42.36	45.01	47.11	49.24	52.05	54.50
110.0	35.39	37.90	40.78	44.26	47.88	51.05	54.02	57.53	62.74	63.85
112.5	41.20	43.60	46.35	49.71	53.37	56.92	60.66	64.99	68.71	71.01
115.0	47.01	49.31	51.92	55.15	58.82	62.57	66.65	70.38	74.10	77.25
117.5	52.84	55.02	57.49	60.58	64.46	68.33	72.20	75.86	79.47	82.82
120.0	58.85	61.07	63.63	66.83	70.49	74.17	77.84	81.40	84.91	88.35
122.5	65.84	67.77	70.14	73.16	76.57	80.06	83.55	86.97	90.43	93.21
125.0	72.85	74.50	76.66	79.54	82.70	86.02	89.37	92.64	95.52	98.14
127.5	79.90	81.25	83.19	85.95	88.90	92.02	95.28	98.01	100.7	103.3
130.0	86.97	88.01	89.74	92.38	95.18	97.94	100.8	103.4	106.0	108.6
132.5	94.09	94.80	96.35	98.79	101.1	103.6	106.4	109.0	111.5	114.1
135.0	101.2	101.6	102.8	104.7	107.0	109.4	112.0	114.7	117.2	119.7
137.5	108.2	108.3	109.4	110.8	112.9	115.1	117.7	120.4	123.0	124.2
140.0	115.2	115.2	116.0	117.0	118.9	120.9	123.4	126.2	127.8	128.9
142.5	122.3	122.1	122.7	123.4	124.9	126.9	129.2	130.8	132.1	133.5
145.0	129.4	129.1	129.4	130.0	131.1	132.8	133.7	134.9	136.4	137.9
147.5	136.5	136.1	136.2	136.8	136.8	137.3	138.1	139.2	140.5	142.2
150.0	143.3	142.4	141.9	141.8	141.7	142.0	142.7	143.7	144.9	146.4
152.5	148.3	147.4	147.0	146.7	146.8	146.9	147.4	148.3	149.4	150.8
155.0	153.4	152.5	152.0	151.8	151.8	152.0	152.4	153.1	154.1	155.3
157.5	158.4	157.6	157.1	156.9	156.9	157.2	157.6	158.1	158.9	158.5
160.0	163.5	162.7	162.2	162.0	162.1	162.3	162.8	162.8	162.1	161.7
162.5	168.6	167.9	167.4	167.1	167.2	166.9	166.3	165.8	165.4	165.1
165.0	173.5	172.5	171.6	170.8	170.1	169.6	169.2	168.8	168.5	168.3
167.5	175.5	174.8	174.0	173.3	172.7	172.3	172.0	171.8	171.6	171.5
170.0	177.6	177.0	176.4	175.9	175.4	175.0	174.7	174.5	174.5	174.5
172.5	179.6	179.1	178.7	178.4	178.0	177.8	177.5	177.4	177.3	177.3
175.0	181.6	181.3	181.1	180.8	180.6	180.5	180.4	180.3	180.2	180.2
177.5	183.7	183.5	183.4	183.3	183.2	183.1	183.0	183.0	183.0	183.0
180.0	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7	185.7

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	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1089	1092	1095	1098	1101	1105	1108	1105	1102	1099
5.0	1067	1072	1078	1084	1090	1097	1103	1097	1091	1085
7.5	1031	1037	1044	1051	1060	1069	1079	1069	1061	1053
10.0	990.3	997.8	1005	1014	1025	1037	1050	1037	1026	1016
12.5	938.1	942.1	947.8	955.7	965.7	978.1	993.1	979.2	967.9	959.0
15.0	870.3	874.2	880.6	890.6	902.6	916.7	933.3	917.9	905.0	894.4
17.5	813.5	821.4	831.6	843.8	858.3	874.9	893.4	876.0	860.6	847.4
20.0	768.6	778.1	789.6	803.2	819.0	837.1	857.6	838.4	821.4	806.8
22.5	726.6	735.0	744.8	756.1	770.7	788.6	810.8	790.4	774.3	761.0
25.0	677.8	679.2	682.7	690.0	701.8	718.3	740.4	720.2	705.7	696.3
27.5	614.6	613.0	616.0	622.8	634.1	650.8	673.0	651.7	635.6	625.8
30.0	551.1	554.9	554.1	558.6	568.7	584.7	607.6	587.4	573.7	564.8
32.5	489.8	488.5	487.3	490.2	495.9	507.6	525.0	509.5	500.2	498.0
35.0	426.9	430.2	435.2	439.1	447.4	460.0	477.0	461.7	450.8	444.3
37.5	376.8	384.7	396.8	401.3	408.5	419.9	436.2	421.4	411.7	406.4
40.0	334.9	344.6	357.7	363.3	368.9	378.9	394.2	380.0	371.5	367.7
42.5	296.2	305.5	317.5	325.0	327.3	335.0	349.3	336.2	329.5	328.4
45.0	259.0	269.4	278.3	283.7	283.6	288.4	299.3	289.6	286.6	288.1
47.5	226.4	236.2	239.7	246.1	246.4	247.1	253.2	247.7	247.8	249.9
50.0	199.4	203.6	207.2	216.0	219.5	219.7	223.8	220.2	220.6	220.4
52.5	172.1	174.6	179.1	190.1	198.9	198.7	202.7	199.2	199.9	197.5
55.0	145.9	147.8	153.2	165.8	180.4	180.2	185.4	181.7	182.2	177.2
57.5	122.2	124.3	128.6	141.9	157.3	158.8	168.2	164.3	164.7	158.7
60.0	101.1	103.8	105.0	116.9	128.6	136.3	150.1	145.9	145.4	140.9
62.5	82.74	85.95	88.10	94.19	103.9	114.3	131.6	128.3	126.9	123.9
65.0	69.26	70.43	72.51	75.19	82.76	93.83	114.4	111.5	109.9	108.5
67.5	58.49	57.24	59.00	60.12	64.84	73.80	96.58	94.59	93.57	92.58
70.0	48.69	47.44	47.36	48.26	50.69	57.00	82.21	80.90	79.69	78.25
72.5	39.63	38.38	37.91	37.99	39.16	41.71	68.67	67.64	67.14	65.10
75.0	31.59	30.03	29.77	28.77	28.92	29.11	54.05	52.94	53.06	52.03
77.5	24.52	22.89	22.52	21.83	21.44	20.94	36.23	40.35	40.22	39.80
80.0	17.97	17.11	16.65	16.67	16.03	15.66	15.45	30.37	29.86	29.34
82.5	11.97	11.80	11.79	12.45	12.59	11.25	10.46	20.85	20.50	20.06
85.0	8.041	7.542	7.428	8.010	8.729	8.365	5.936	12.08	12.02	11.44
87.5	4.212	3.976	3.966	4.033	3.783	3.879	2.056	4.637	4.345	5.053
90.0	0.4342	0.4809	0.5135	0.4620	0.3874	0.3081	0.1664	0.1587	0.2146	0.2380
92.5	2.889	2.021	1.195	0.7850	0.7446	0.8508	0.4222	0.2119	0.2526	0.3002
95.0	5.466	3.696	2.024	2.778	2.266	1.931	0.7999	0.7637	1.174	1.366
97.5	8.276	8.205	8.015	7.737	7.135	7.017	3.717	3.587	3.820	4.202
100.0	18.22	16.91	15.37	14.57	14.12	13.76	7.117	7.082	7.434	7.911
102.5	29.26	26.44	25.12	23.28	22.67	21.60	18.53	11.32	11.91	12.54
105.0	41.10	38.01	36.86	34.33	33.57	32.34	32.69	17.96	18.33	18.99
107.5	52.49	50.92	49.53	47.70	47.56	46.15	47.43	29.38	28.24	28.56
110.0	62.69	63.98	62.60	61.66	60.35	59.72	61.21	43.42	39.82	39.37
112.5	71.88	75.63	73.77	75.39	73.83	73.77	75.79	59.24	53.01	50.69
115.0	79.77	82.26	82.89	84.84	84.39	84.85	86.99	73.41	65.89	60.79
117.5	85.87	87.84	89.79	90.97	91.68	91.72	94.08	84.29	78.08	71.52
120.0	90.69	93.12	95.56	96.44	97.81	97.62	100.1	94.10	90.70	82.91
122.5	95.66	98.27	100.4	101.4	103.1	102.8	105.3	102.8	103.0	92.47
125.0	100.7	103.4	104.9	106.2	107.7	107.5	110.1	108.7	108.4	100.7
127.5	105.9	108.2	109.3	110.9	112.0	112.0	114.7	113.3	112.8	108.2
130.0	111.2	112.6	113.9	115.7	116.2	116.4	119.2	117.7	117.1	115.0
132.5	116.1	117.2	118.6	120.5	120.6	120.8	123.8	122.3	121.7	121.1
135.0	120.7	122.0	123.6	125.2	124.9	125.3	128.4	126.9	126.1	126.1
137.5	125.4	126.8	128.5	129.6	129.5	130.0	133.1	131.6	130.8	130.7
140.0	130.1	131.6	133.5	133.7	133.8	134.4	137.8	136.2	135.3	135.0
142.5	135.0	136.6	138.2	137.9	138.1	138.8	142.2	140.7	139.7	139.3
145.0	139.5	141.5	142.2	142.0	142.3	143.0	146.6	145.1	144.1	143.7
147.5	143.9	145.9	145.8	145.9	146.3	147.0	150.7	149.2	148.3	147.6
150.0	148.2	149.0	149.0	149.2	149.6	150.4	154.0	152.7	151.7	151.0
152.5	152.0	151.9	151.9	152.2	152.7	153.5	157.1	155.8	154.8	154.1
155.0	155.0	154.9	155.0	155.3	155.8	156.5	160.1	158.9	157.9	157.2
157.5	158.2	158.1	158.2	158.5	159.0	159.7	163.3	162.1	161.2	160.6
160.0	161.4	161.4	161.5	161.9	162.4	163.1	166.6	165.5	164.7	164.0
162.5	164.9	164.8	164.9	165.2	165.7	166.4	169.8	168.9	168.1	167.5
165.0	168.2	168.3	168.4	168.7	169.2	169.8	173.1	172.2	171.5	170.9
167.5	171.5	171.6	171.7	172.0	172.4	173.0	176.1	175.3	174.5	173.9
170.0	174.5	174.7	174.9	175.2	175.6	176.0	178.8	178.0	177.2	176.6
172.5	177.3	177.5	177.7	177.9	178.2	178.6	181.2	180.4	179.7	179.1
175.0	180.2	180.3	180.4	180.6	180.8	181.0	183.4	182.8	182.3	181.8
177.5	183.0	183.1	183.1	183.2	183.3	183.4	185.3	185.0	184.7	184.5
180.0	185.7	185.7	185.7	185.7	185.7	185.7	185.1	185.1	185.1	185.1

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	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1096	1093	1090	1087	1084	1082	1080	1078	1076	1074
5.0	1079	1074	1069	1065	1060	1056	1052	1048	1044	1041
7.5	1045	1039	1034	1029	1025	1022	1018	1015	1011	1008
10.0	1008	1001	993.7	987.8	983.0	979.1	976.6	975.0	974.1	971.6
12.5	952.0	947.1	943.7	940.9	938.4	936.1	933.7	931.8	931.5	932.1
15.0	885.9	880.9	878.3	879.2	881.7	884.9	887.4	888.6	888.7	889.8
17.5	836.4	827.7	821.4	819.0	820.2	825.4	833.5	840.9	843.7	841.1
20.0	794.5	784.2	776.2	770.9	768.4	769.8	772.7	777.1	781.4	782.5
22.5	750.7	741.9	734.5	728.5	724.2	715.6	710.7	711.3	717.3	722.2
25.0	691.2	689.2	688.0	686.2	673.0	662.3	655.1	651.7	654.3	660.9
27.5	621.7	623.1	628.2	624.9	616.6	608.7	602.2	597.3	596.0	600.4
30.0	559.2	559.0	559.3	555.6	553.4	550.3	547.9	545.5	542.0	542.4
32.5	499.0	500.4	495.6	491.9	489.2	488.3	489.8	492.5	490.9	488.1
35.0	442.9	442.0	438.2	435.9	432.2	428.3	428.5	436.2	439.7	434.6
37.5	404.0	392.7	386.2	384.1	382.5	376.0	371.8	380.7	387.0	382.5
40.0	364.2	352.8	343.2	338.2	335.7	332.6	327.7	329.9	335.5	331.8
42.5	323.4	314.0	305.7	298.6	294.2	293.6	288.6	285.1	286.3	282.0
45.0	284.1	277.9	270.0	263.1	260.1	256.7	252.5	244.9	240.4	233.2
47.5	248.1	245.1	238.1	232.5	229.0	224.0	217.9	208.2	198.5	186.2
50.0	217.6	216.5	211.6	205.7	201.0	194.5	185.6	173.9	168.4	167.9
52.5	194.0	192.4	188.2	182.1	175.7	167.7	156.2	154.7	154.3	153.7
55.0	173.8	171.5	166.4	160.6	153.0	144.4	142.4	141.0	140.3	139.6
57.5	155.5	151.5	146.6	140.5	132.9	131.0	129.1	127.6	126.5	125.6
60.0	138.0	133.3	128.4	121.9	119.7	117.9	116.1	114.4	113.0	111.8
62.5	120.8	116.6	111.7	108.7	106.8	105.1	103.2	101.4	99.70	98.31
65.0	104.8	101.2	97.81	96.04	94.28	92.44	90.48	88.83	88.33	88.00
67.5	90.03	87.04	85.46	83.82	82.06	80.08	79.19	78.62	78.11	77.73
70.0	76.43	74.59	73.61	71.97	70.28	69.52	69.05	68.47	67.95	67.51
72.5	63.91	62.58	62.19	60.59	59.60	59.20	59.02	58.41	57.84	57.33
75.0	51.67	50.85	50.92	49.52	48.99	48.89	49.03	48.41	47.77	47.19
77.5	39.84	39.46	39.65	38.37	38.49	38.60	39.09	38.48	38.29	38.22
80.0	29.10	29.00	28.71	27.34	28.10	29.16	30.58	30.71	30.67	30.62
82.5	19.61	19.17	18.36	18.69	20.76	21.80	22.94	23.08	23.06	23.03
85.0	11.05	11.76	12.24	12.50	13.86	14.56	15.35	15.47	15.47	15.45
87.5	5.592	5.975	6.238	6.375	7.059	7.407	7.804	7.872	7.878	7.877
90.0	0.2847	0.2757	0.2893	0.2942	0.3034	0.2987	0.2802	0.2801	0.2941	0.3035
92.5	0.5605	1.221	1.909	2.514	3.132	3.929	4.981	5.615	5.978	5.626
95.0	0.9375	2.277	3.612	4.796	6.028	7.628	9.734	10.97	11.67	10.93
97.5	4.415	4.884	5.478	7.201	9.055	11.47	14.59	16.36	17.39	16.18
100.0	8.694	9.684	11.52	12.26	12.75	15.51	19.60	21.81	23.14	21.36
102.5	14.20	14.94	18.43	20.19	21.38	22.53	25.45	27.38	28.94	26.45
105.0	21.46	22.34	26.25	28.73	30.02	30.70	32.54	34.04	34.86	31.65
107.5	30.26	32.17	34.74	37.59	38.52	38.39	39.57	40.73	40.63	36.99
110.0	39.81	41.88	42.77	45.40	47.27	45.93	46.41	47.38	46.24	42.36
112.5	50.14	51.73	51.15	52.62	53.50	53.41	53.42	54.04	51.57	47.75
115.0	59.09	59.04	58.46	59.49	59.70	60.15	60.62	60.81	56.76	53.16
117.5	67.69	66.90	66.13	65.92	66.86	67.49	68.02	67.15	62.24	58.60
120.0	76.02	74.86	74.00	73.29	73.91	75.11	75.22	73.11	68.44	64.68
122.5	85.70	83.81	83.00	81.77	81.66	83.36	82.06	79.02	74.67	70.78
125.0	95.10	93.39	92.77	90.24	90.28	91.59	88.57	85.01	80.91	76.92
127.5	103.7	103.1	101.2	98.98	98.05	97.67	94.74	91.10	87.00	83.23
130.0	111.6	110.6	109.5	106.9	105.4	103.2	100.4	97.13	92.92	89.74
132.5	118.2	116.5	116.2	113.9	111.6	108.9	106.1	102.8	98.76	96.38
135.0	123.9	122.4	121.1	120.0	117.3	114.7	111.8	108.5	104.8	102.5
137.5	129.4	127.5	126.0	124.7	123.3	120.6	117.6	114.3	111.1	108.3
140.0	134.5	132.5	130.9	129.5	128.2	126.4	123.4	120.2	117.3	114.1
142.5	139.4	137.6	135.8	134.2	132.7	131.2	129.4	126.3	123.1	120.3
145.0	143.6	142.6	140.5	138.7	137.0	135.5	134.0	132.2	128.7	126.9
147.5	147.3	147.1	145.0	143.1	141.3	139.8	138.4	136.3	134.1	133.6
150.0	150.5	150.3	149.3	147.4	145.8	144.4	142.8	140.7	139.6	138.7
152.5	153.6	153.4	153.3	152.0	150.5	149.0	147.3	145.9	145.2	143.6
155.0	156.8	156.5	156.5	156.8	155.3	153.8	152.5	151.6	150.3	148.3
157.5	160.1	159.9	159.9	160.0	160.4	159.2	158.1	156.8	154.9	153.0
160.0	163.6	163.3	163.3	163.4	163.7	164.0	163.3	161.3	159.2	157.5
162.5	167.1	166.8	166.8	166.7	166.7	166.5	165.8	164.8	163.5	161.7
165.0	170.5	170.1	169.9	169.5	169.0	168.3	167.6	166.8	165.8	165.0
167.5	173.4	172.8	172.3	171.7	171.1	170.5	169.8	169.1	168.5	168.2
170.0	175.9	175.3	174.7	174.1	173.5	173.0	172.5	172.1	171.9	172.1
172.5	178.4	177.9	177.3	176.8	176.4	176.1	175.9	175.9	175.9	176.0
175.0	181.4	181.0	180.7	180.4	180.2	180.0	179.9	179.8	179.8	179.8
177.5	184.2	184.0	183.8	183.7	183.5	183.4	183.2	183.1	183.0	182.9
180.0	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1

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	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1073	1072	1071	1071	1071	1071	1072	1073	1074	1075
5.0	1039	1037	1035	1034	1034	1035	1036	1037	1038	1040
7.5	1004	1001	999.0	997.8	997.6	998.3	999.3	1001	1002	1003
10.0	968.7	965.5	962.8	961.1	960.9	961.8	962.5	963.2	963.2	962.5
12.5	931.4	929.3	926.5	924.5	924.2	925.1	925.4	925.0	923.0	920.6
15.0	892.1	891.9	889.9	887.8	887.5	888.1	887.8	885.8	882.0	877.6
17.5	849.3	849.0	837.7	834.3	833.4	834.0	834.1	831.7	829.0	825.8
20.0	782.3	784.1	783.1	780.3	779.2	779.4	777.7	773.6	768.5	761.9
22.5	724.3	726.8	728.3	726.4	725.1	724.8	721.2	714.7	707.2	697.8
25.0	665.7	669.6	673.0	672.3	671.0	669.9	664.3	655.5	646.1	635.2
27.5	606.5	612.3	617.3	618.1	616.9	614.7	607.0	596.1	585.9	576.7
30.0	547.5	554.7	561.4	563.8	562.8	559.5	549.6	536.9	527.4	522.9
32.5	489.5	495.5	501.2	503.3	501.9	498.9	489.8	478.7	471.9	471.5
35.0	433.0	436.4	440.9	442.5	441.0	438.4	430.5	422.0	418.3	419.6
37.5	378.1	378.6	381.2	381.8	380.1	378.0	372.1	366.6	366.2	369.1
40.0	324.9	322.2	322.0	321.0	319.2	317.9	314.5	312.5	315.1	319.1
42.5	273.0	267.0	263.4	260.4	258.3	258.0	257.9	259.7	265.1	270.9
45.0	222.2	212.8	205.5	200.0	197.4	198.4	202.1	207.9	216.2	224.5
47.5	182.2	182.7	183.0	183.0	182.4	181.6	180.3	178.9	177.8	180.6
50.0	167.7	167.9	168.1	168.0	167.5	166.7	165.6	164.4	163.6	163.0
52.5	153.2	153.2	153.2	153.0	152.5	151.9	151.0	150.1	149.5	149.2
55.0	138.9	138.6	138.3	138.0	137.6	137.1	136.4	135.9	135.6	135.5
57.5	124.7	124.0	123.5	123.0	122.6	122.2	121.9	121.7	121.8	122.0
60.0	110.6	109.6	108.7	108.0	107.6	107.5	107.5	107.7	108.1	108.7
62.5	98.03	97.82	97.64	97.45	97.24	96.91	96.50	96.09	95.82	95.60
65.0	87.70	87.46	87.26	87.05	86.84	86.53	86.18	85.82	85.58	85.39
67.5	77.40	77.13	76.88	76.66	76.43	76.16	75.86	75.57	75.39	75.26
70.0	67.13	66.80	66.51	66.27	66.02	65.79	65.55	65.34	65.23	65.18
72.5	56.88	56.49	56.15	55.88	55.62	55.42	55.26	55.13	55.10	55.15
75.0	46.66	46.19	45.79	45.50	45.21	45.06	44.98	44.94	45.00	45.15
77.5	38.16	38.09	38.03	37.94	37.72	37.57	37.35	37.05	36.75	36.45
80.0	30.58	30.52	30.51	30.45	30.24	30.14	29.98	29.74	29.49	29.24
82.5	23.00	22.96	22.99	22.96	22.75	22.71	22.61	22.43	22.24	22.06
85.0	15.43	15.41	15.48	15.46	15.26	15.29	15.25	15.13	15.01	14.89
87.5	7.865	7.849	7.962	7.963	7.773	7.863	7.891	7.828	7.774	7.728
90.0	0.2988	0.2942	0.4479	0.4668	0.2852	0.4388	0.5321	0.5322	0.5462	0.5740
92.5	4.918	4.354	3.973	3.551	3.445	3.809	4.261	4.744	5.289	5.839
95.0	9.524	8.404	7.493	6.632	6.604	7.177	7.985	8.947	10.02	11.09
97.5	14.10	12.43	11.00	9.709	9.764	10.54	11.70	13.13	14.73	16.31
100.0	18.64	16.44	14.50	12.78	12.92	13.90	15.40	17.30	19.40	21.50
102.5	23.12	20.40	17.98	15.84	16.08	17.25	19.09	21.43	24.02	26.63
105.0	27.99	24.64	21.62	18.95	19.24	20.66	22.96	25.89	29.01	31.96
107.5	33.31	30.16	27.21	24.72	25.00	26.70	29.01	31.87	34.79	37.51
110.0	38.71	35.69	32.79	30.50	30.76	32.74	35.06	37.84	40.57	43.08
112.5	44.09	41.23	38.36	36.29	36.52	38.77	41.10	43.81	46.37	48.68
115.0	49.47	46.78	43.93	42.08	42.28	44.81	47.13	49.78	52.18	54.31
117.5	54.89	52.35	49.48	47.89	48.04	50.84	53.15	55.75	58.03	60.00
120.0	61.02	58.27	55.22	53.75	53.80	56.84	59.42	62.27	64.81	66.96
122.5	67.56	64.80	61.98	60.94	61.37	62.40	67.15	69.83	72.23	74.08
125.0	74.02	71.34	68.76	68.14	68.94	68.25	74.88	77.40	79.71	81.28
127.5	80.42	77.89	75.58	75.35	76.51	74.34	82.62	84.98	87.23	88.60
130.0	86.79	84.45	82.48	82.58	84.08	80.75	90.35	92.57	94.79	96.06
132.5	93.23	91.05	89.46	89.84	91.64	87.90	98.08	100.2	102.4	103.6
135.0	99.60	97.57	96.46	97.11	99.21	95.89	105.0	106.9	109.8	111.0
137.5	106.0	104.0	103.3	104.1	106.2	105.1	106.9	111.5	117.1	118.4
140.0	112.5	110.5	110.2	111.1	113.2	113.8	111.1	115.6	124.2	125.9
142.5	118.9	117.1	117.2	118.1	120.2	122.2	118.3	119.0	130.7	133.4
145.0	125.3	123.8	124.2	125.1	127.2	129.7	125.8	126.4	133.3	140.9
147.5	131.6	130.6	131.1	132.2	134.3	137.0	133.8	120.4	134.8	148.4
150.0	137.0	136.9	137.8	139.2	141.3	144.2	142.3	126.5	137.2	151.2
152.5	142.1	141.8	142.5	143.9	145.9	148.7	148.2	137.4	142.2	151.5
155.0	147.0	146.6	147.2	148.6	150.4	153.1	153.7	151.0	146.4	154.0
157.5	151.7	151.2	151.9	153.4	155.0	157.4	158.8	159.0	153.8	159.2
160.0	156.2	155.7	156.7	158.2	159.6	161.6	163.4	164.1	163.0	165.0
162.5	160.5	160.5	161.5	163.0	164.2	165.8	167.8	169.2	170.8	172.2
165.0	164.6	165.2	166.4	167.7	168.8	170.1	171.6	173.0	173.9	174.9
167.5	168.5	169.1	170.0	170.9	171.5	172.2	173.1	174.0	174.7	175.2
170.0	172.4	172.9	173.5	174.0	174.2	174.6	175.0	175.4	175.7	176.0
172.5	176.3	176.5	176.8	176.9	177.0	177.1	177.2	177.3	177.3	177.3
175.0	179.8	179.8	179.8	179.7	179.7	179.6	179.6	179.6	179.5	179.5
177.5	182.8	182.7	182.6	182.5	182.4	182.3	182.2	182.2	182.2	182.2
180.0	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1

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	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1108	1108	1108	1108	1108	1108	1108	1108	1108	1108
2.5	1076	1078	1080	1082	1084	1086	1089	1091	1094	1097
5.0	1042	1044	1046	1048	1051	1054	1057	1061	1066	1070
7.5	1004	1004	1006	1008	1010	1014	1018	1023	1029	1035
10.0	961.9	961.7	962.1	963.4	964.3	966.1	968.2	971.7	975.4	981.0
12.5	918.5	916.5	913.9	910.3	906.3	903.0	900.7	901.5	904.9	910.8
15.0	872.4	865.4	856.6	847.1	840.5	837.9	838.8	843.3	849.9	859.1
17.5	820.4	808.8	795.7	788.6	786.2	787.5	791.9	798.6	807.6	818.7
20.0	752.3	743.0	740.8	740.9	741.8	745.5	751.0	757.5	765.3	774.8
22.5	686.6	682.7	684.7	691.8	701.8	703.7	705.8	707.6	709.8	713.9
25.0	628.2	627.8	632.3	639.2	647.4	655.3	647.9	642.9	641.9	645.6
27.5	574.0	575.7	578.8	582.2	584.5	585.0	585.4	579.8	579.7	584.6
30.0	522.4	522.7	521.4	520.2	518.7	519.6	521.8	521.6	518.1	515.0
32.5	471.1	466.7	461.7	459.0	460.0	461.0	461.7	463.2	458.1	458.2
35.0	418.4	408.3	403.1	405.4	407.5	406.1	406.2	412.1	417.8	420.4
37.5	366.3	357.0	353.1	357.9	357.5	357.3	362.5	372.3	383.4	383.5
40.0	316.8	311.8	313.6	313.8	313.3	317.8	325.2	334.0	343.5	345.0
42.5	271.1	271.7	276.2	275.2	277.1	282.3	289.2	296.6	303.3	304.8
45.0	229.2	235.0	240.0	242.1	245.8	248.6	255.9	261.8	264.4	263.9
47.5	190.9	200.4	206.8	212.5	217.0	220.8	226.6	230.3	230.0	232.3
50.0	162.8	167.7	177.3	185.3	191.0	196.3	201.4	203.3	204.5	208.0
52.5	149.1	149.4	150.5	160.3	167.6	173.7	178.3	182.2	183.3	186.6
55.0	135.7	136.1	137.1	138.4	146.1	152.7	157.6	162.2	164.1	167.3
57.5	122.4	123.0	124.1	125.4	126.7	133.3	138.7	143.1	145.7	149.1
60.0	109.3	110.2	111.3	112.6	113.9	115.6	121.2	125.1	128.6	131.5
62.5	96.47	97.53	98.76	100.0	101.3	102.7	105.1	109.0	112.1	114.8
65.0	85.32	85.31	86.38	87.72	89.03	90.33	91.66	94.16	96.90	98.66
67.5	75.22	75.25	75.33	75.70	77.08	78.34	79.60	80.50	82.70	83.81
70.0	65.20	65.27	65.39	65.54	65.65	66.76	67.94	68.71	69.90	70.89
72.5	55.24	55.38	55.55	55.73	55.85	55.99	56.74	57.55	58.44	59.11
75.0	45.34	45.58	45.84	46.07	46.26	46.39	46.47	46.93	47.61	48.34
77.5	36.09	35.85	36.22	36.56	36.82	37.00	37.06	37.09	37.44	37.91
80.0	28.95	28.64	28.28	27.87	27.54	27.81	27.88	27.84	27.90	28.02
82.5	21.84	21.60	21.32	20.98	20.55	19.96	19.04	18.88	18.84	18.78
85.0	14.74	14.58	14.39	14.17	13.87	13.46	12.79	11.82	10.45	10.14
87.5	7.665	7.584	7.502	7.393	7.252	7.047	6.703	6.189	5.400	4.402
90.0	0.5929	0.5976	0.6255	0.6395	0.6676	0.6862	0.6909	0.6863	0.6862	0.6862
92.5	6.076	5.411	4.799	4.171	3.461	2.790	2.119	1.422	0.9507	0.8155
95.0	11.58	10.26	9.016	7.753	6.316	4.960	3.631	2.260	1.275	1.766
97.5	17.13	15.16	13.32	11.43	9.293	7.263	5.305	4.821	4.687	4.330
100.0	22.75	20.16	17.74	15.26	12.95	12.08	10.99	9.948	8.929	8.366
102.5	28.46	25.35	23.45	22.52	22.05	19.53	17.40	15.52	14.43	13.78
105.0	34.14	32.13	31.12	31.03	31.70	27.68	24.53	22.75	21.49	20.04
107.5	39.63	38.81	38.64	39.42	41.37	36.56	33.97	32.82	30.10	28.15
110.0	45.13	45.33	45.97	47.60	50.31	46.02	44.62	45.47	41.20	39.09
112.5	50.62	51.68	53.11	55.26	56.30	54.78	54.42	59.08	53.24	54.64
115.0	56.13	57.79	59.55	60.90	61.95	62.61	63.27	65.24	64.02	66.47
117.5	62.01	63.95	65.51	66.70	67.72	68.77	70.03	70.61	71.45	72.07
120.0	68.64	70.27	71.61	72.65	73.63	74.65	75.19	75.92	77.05	77.31
122.5	75.42	76.73	77.87	78.79	79.67	80.24	80.74	81.41	82.20	82.51
125.0	82.38	83.36	84.37	85.12	85.63	86.10	86.68	87.42	87.49	87.98
127.5	89.50	90.18	91.05	91.43	91.82	92.23	92.91	93.44	93.29	93.92
130.0	96.79	97.19	97.64	97.98	98.34	98.75	99.42	99.35	99.40	100.2
132.5	104.1	104.3	104.5	104.9	105.1	105.6	105.7	105.5	105.8	106.8
135.0	111.4	111.6	111.7	111.9	112.2	112.7	112.0	112.0	112.5	113.3
137.5	118.9	119.1	119.1	119.3	119.7	119.1	118.7	118.7	119.4	119.3
140.0	126.4	126.7	126.8	127.0	126.4	125.8	125.4	125.7	126.5	125.4
142.5	134.1	134.5	134.8	133.4	133.0	132.6	132.5	132.9	133.6	131.8
145.0	141.9	142.0	139.8	138.4	138.8	139.5	139.6	140.2	139.8	138.3
147.5	146.1	144.9	143.5	142.8	142.3	144.9	146.7	147.7	145.7	144.4
150.0	147.8	144.2	147.3	145.6	146.7	146.9	150.1	152.9	151.6	150.4
152.5	152.9	144.9	144.9	150.4	148.4	150.3	152.1	152.7	155.2	156.1
155.0	160.3	151.0	142.6	145.8	153.2	151.8	153.7	156.8	158.5	159.4
157.5	163.4	162.4	150.6	141.7	143.5	155.0	158.5	159.0	160.7	163.1
160.0	168.4	170.8	166.3	154.4	148.2	148.9	155.1	162.0	165.4	167.4
162.5	175.3	175.7	175.2	172.8	165.7	160.6	158.7	159.9	163.4	167.2
165.0	176.3	177.2	177.2	177.1	177.0	175.9	173.2	171.5	171.3	172.6
167.5	175.9	176.9	178.0	178.5	178.6	178.8	179.2	179.5	179.9	180.3
170.0	176.3	176.7	177.2	177.9	178.7	179.3	179.8	180.2	180.5	180.9
172.5	177.4	177.5	177.6	177.8	178.1	178.4	178.7	179.1	179.4	179.8
175.0	179.4	179.3	179.2	179.2	179.2	179.3	179.4	179.5	179.6	179.7
177.5	182.1	182.1	182.0	182.0	182.1	182.1	182.1	182.1	182.2	182.2
180.0	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1	185.1

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 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	1108	1108
2.5	1100	1103
5.0	1076	1081
7.5	1042	1050
10.0	988.5	998.0
12.5	919.5	930.3
15.0	870.2	883.1
17.5	831.3	845.7
20.0	786.5	801.2
22.5	722.3	735.4
25.0	654.5	668.3
27.5	593.9	605.9
30.0	517.4	525.1
32.5	463.8	473.9
35.0	426.1	435.3
37.5	387.3	395.2
40.0	346.4	352.2
42.5	302.6	305.1
45.0	260.5	261.6
47.5	230.8	231.2
50.0	208.3	208.5
52.5	189.6	190.1
55.0	172.5	172.6
57.5	154.8	154.5
60.0	135.8	135.8
62.5	117.8	118.6
65.0	100.5	100.9
67.5	84.86	85.95
70.0	71.85	73.15
72.5	59.93	61.00
75.0	48.50	49.00
77.5	37.98	38.06
80.0	28.50	28.02
82.5	18.72	18.50
85.0	9.944	9.962
87.5	2.651	2.454
90.0	0.6862	0.6862
92.5	0.7801	0.8349
95.0	1.327	1.214
97.5	3.933	3.727
100.0	8.151	7.775
102.5	13.01	12.60
105.0	19.04	18.72
107.5	26.88	26.76
110.0	37.40	36.49
112.5	52.19	50.07
115.0	65.10	64.96
117.5	72.65	70.25
120.0	78.26	75.01
122.5	83.67	79.83
125.0	88.18	83.85
127.5	93.16	89.13
130.0	99.38	96.92
132.5	105.4	104.3
135.0	111.7	111.0
137.5	117.9	117.5
140.0	124.0	123.5
142.5	130.7	130.3
145.0	137.6	137.6
147.5	144.0	144.1
150.0	149.7	149.7
152.5	156.1	156.2
155.0	160.8	162.4
157.5	165.4	167.7
160.0	169.2	171.3
162.5	170.9	174.3
165.0	174.7	177.4
167.5	180.5	181.2
170.0	181.3	181.7
172.5	180.2	180.5
175.0	179.9	180.0
177.5	182.3	182.4
180.0	185.1	185.1

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 G0-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 8.190m [K=1.0000]
Remarks: