

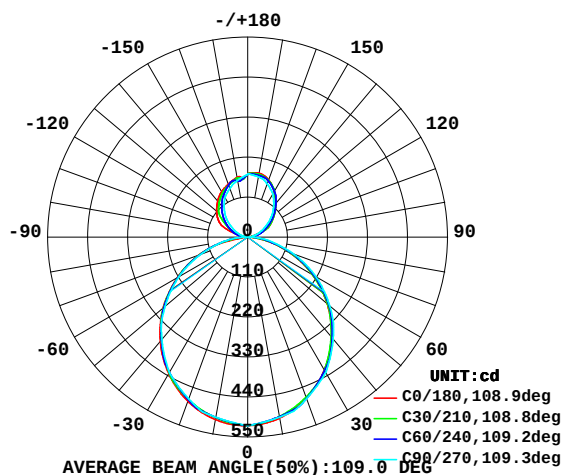
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1639A P:19.50W PF:0.9895 Lamp Flux:1867.04x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

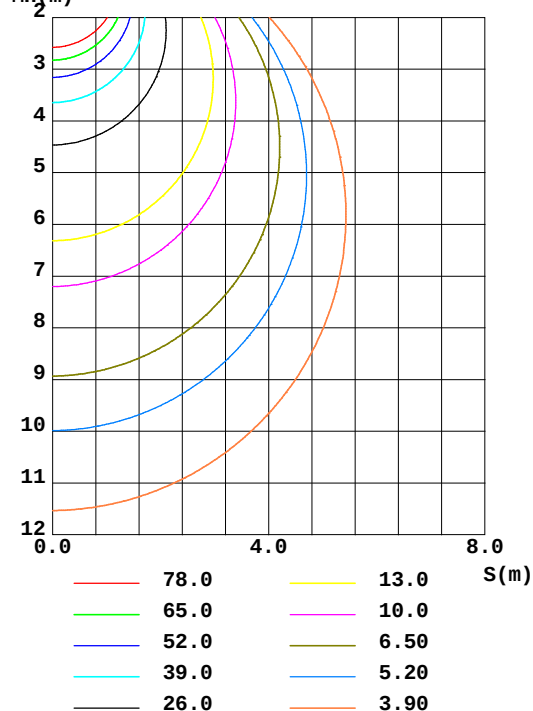
EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.73 lm/W			
MODEL		I _{max} (cd)	518.8	S/MH(C0/180)	1.25
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	1867.0	η UP, DN(C0-180)	12.6, 37.2
NOMINAL FLUX(lm)	1867.04	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.0, 38.2
LAMPS INSIDE	1	η up(%)	24.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	75.4	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



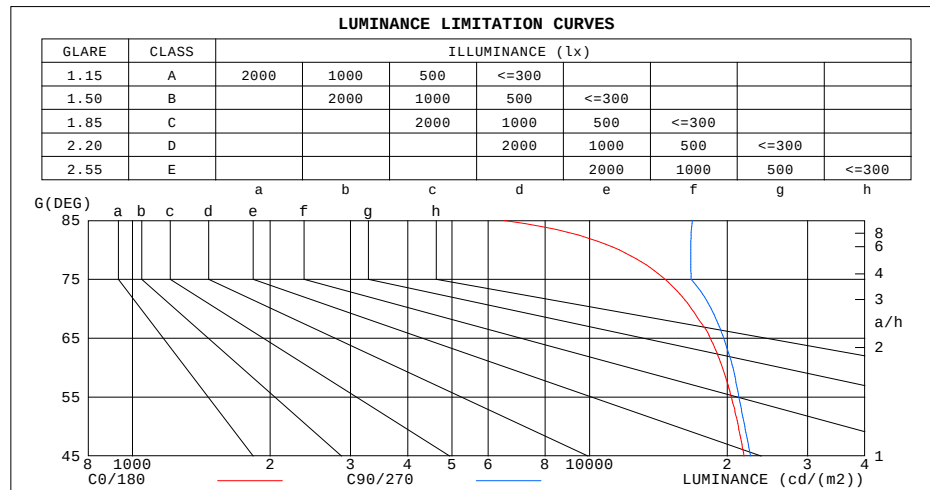
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

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	515.0	511.1	510.9	512.6	517.1	512.7	511.0	511.1	0- 5	12.31	12.31	0.66, 0.66
10	505.8	501.0	503.1	503.9	510.1	504.0	503.3	501.2	5- 10	36.32	48.63	2.6, 2.6
15	491.4	488.4	495.3	492.5	497.9	492.7	495.5	488.7	10- 15	59.04	107.7	5.77, 5.77
20	472.3	473.7	473.6	479.0	480.8	479.2	474.0	474.1	15- 20	79.65	187.3	10, 10
25	448.9	448.7	451.9	455.3	459.6	455.7	452.5	449.2	20- 25	97.07	284.4	15.2, 15.2
30	422.0	420.8	430.1	428.9	434.4	429.3	431.0	421.6	25- 30	111.2	395.5	21.2, 21.2
35	391.9	392.3	398.2	401.7	405.8	402.3	399.3	393.1	30- 35	121.5	517.0	27.7, 27.7
40	358.6	361.9	366.2	372.4	374.4	373.3	367.6	362.9	35- 40	127.3	644.3	34.5, 34.5
45	323.3	323.9	334.3	333.5	340.3	336.9	335.9	325.2	40- 45	128.9	773.2	41.4, 41.4
50	285.7	286.4	295.0	293.1	303.8	300.5	296.8	287.8	45- 50	126.2	899.4	48.2, 48.2
55	246.0	249.2	255.6	248.3	263.5	264.1	257.8	250.7	50- 55	118.6	1018	54.5, 54.5
60	205.1	206.7	216.3	195.1	223.7	222.2	218.7	208.5	55- 60	106.9	1125	60.3, 60.3
65	163.0	165.3	174.4	147.7	182.7	181.1	177.2	167.4	60- 65	91.73	1217	65.2, 65.2
70	119.9	124.2	132.6	106.9	141.0	139.8	135.6	126.6	65- 70	74.15	1291	69.1, 69.1
75	79.55	83.47	90.68	71.04	95.54	97.51	94.09	86.37	70- 75	55.03	1346	72.1, 72.1
80	42.35	46.35	60.70	39.04	26.48	57.40	62.85	49.34	75- 80	35.85	1382	74, 74
85	11.89	23.64	30.72	19.44	9.679	28.47	31.61	24.77	80- 85	19.70	1401	75.1, 75.1
90	0.7983	1.466	0.7423	0.8543	0.2419	0.3221	0.3742	0.7423	85- 90	6.357	1408	75.4, 75.4
95	0.9586	8.319	7.225	11.16	0.5683	6.874	5.309	7.338	90- 95	1.955	1410	75.5, 75.5
100	7.076	15.53	13.71	21.85	6.282	14.02	10.24	14.28	95-100	5.539	1415	75.8, 75.8
105	16.96	29.58	20.19	38.67	30.18	28.28	15.18	28.74	100-105	10.82	1426	76.4, 76.4
110	33.82	44.21	31.88	55.05	56.48	43.56	25.89	44.09	105-110	17.82	1444	77.3, 77.3
115	61.18	57.25	43.57	67.19	81.21	57.14	36.61	56.83	110-115	25.30	1469	78.7, 78.7
120	72.98	69.69	55.26	77.43	93.48	71.39	47.32	68.42	115-120	30.82	1500	80.3, 80.3
125	83.43	82.41	69.65	87.90	103.0	86.44	61.01	80.70	120-125	34.99	1535	82.2, 82.2
130	95.63	94.55	84.05	98.07	111.6	96.94	74.69	93.14	125-130	38.29	1573	84.3, 84.3
135	108.0	107.6	98.44	108.8	120.2	107.7	88.37	106.5	130-135	40.50	1614	86.4, 86.4
140	120.4	121.8	111.9	119.7	128.9	118.7	101.0	120.9	135-140	41.52	1655	88.7, 88.7
145	132.9	134.7	125.3	128.0	137.2	127.2	113.5	134.0	140-145	41.35	1697	90.9, 90.9
150	145.6	146.8	138.8	136.1	144.3	135.6	126.1	145.3	145-150	39.79	1736	93, 93
155	158.2	158.5	147.7	145.0	150.0	144.7	134.9	155.5	150-155	36.66	1773	95, 95
160	168.5	168.2	156.6	154.1	155.9	154.0	143.6	159.6	155-160	32.13	1805	96.7, 96.7
165	175.7	172.3	165.6	159.6	161.9	159.8	152.4	163.9	160-165	26.34	1832	98.1, 98.1
170	178.8	174.4	168.7	164.9	167.3	163.5	159.2	161.5	165-170	19.49	1851	99.1, 99.1
175	178.0	175.1	171.8	170.0	161.6	159.7	166.0	163.4	170-175	11.96	1863	99.8, 99.8
180	174.9	174.9	174.9	174.9	172.8	172.8	172.8	172.8	175-180	4.054	1867	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



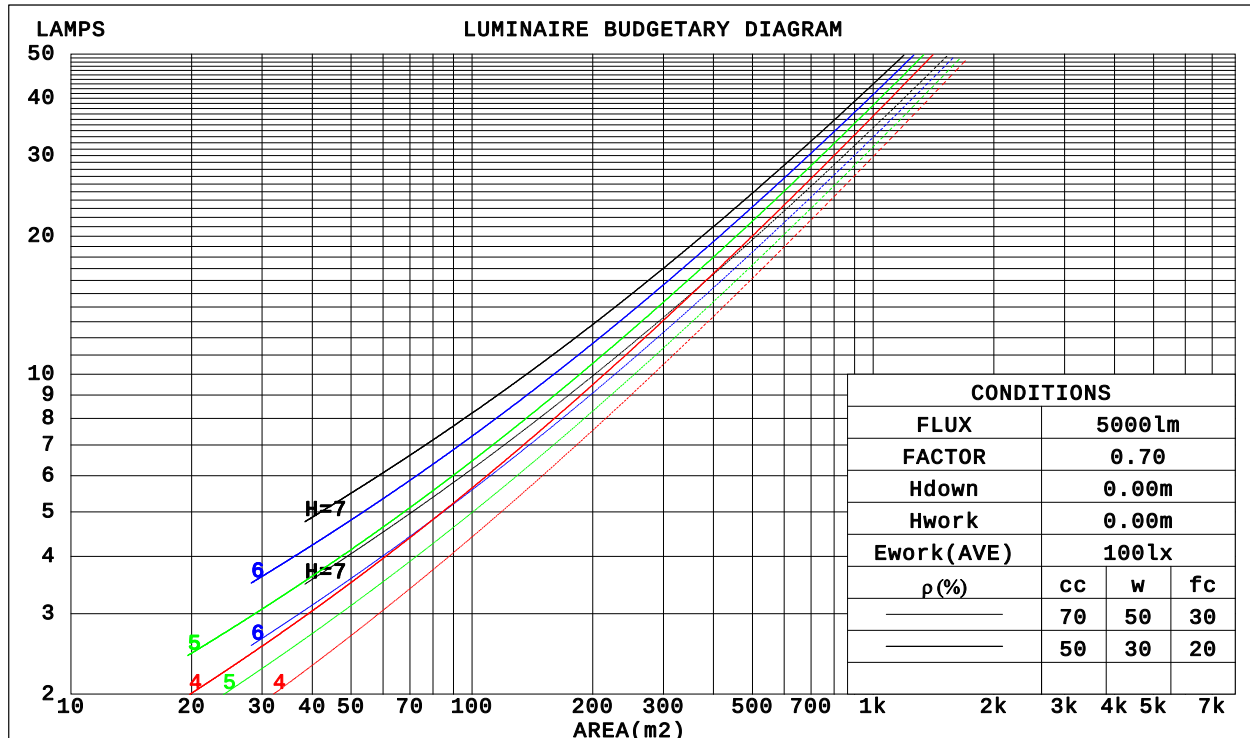
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1639A P:19.50W PF:0.9895 Lamp Flux:1867.04x1 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	1.08	1.08	1.08	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.99	.95	.91	.94	.91	.87	.85	.83	.80	.77	.75	.73	.70	.69	.67	.63
2.0	.86	.80	.74	.82	.76	.72	.75	.70	.66	.68	.64	.61	.62	.59	.56	.53
3.0	.76	.68	.62	.72	.65	.60	.66	.60	.56	.60	.55	.52	.55	.51	.48	.45
4.0	.67	.59	.52	.64	.57	.51	.59	.52	.47	.53	.48	.44	.49	.45	.41	.38
5.0	.60	.51	.45	.57	.49	.44	.52	.46	.41	.48	.43	.38	.44	.39	.36	.33
6.0	.54	.45	.39	.52	.44	.38	.47	.41	.36	.43	.38	.34	.40	.35	.31	.29
7.0	.49	.40	.34	.47	.39	.33	.43	.36	.32	.39	.34	.30	.36	.32	.28	.26
8.0	.44	.36	.31	.43	.35	.30	.39	.33	.28	.36	.31	.27	.33	.29	.25	.23
9.0	.41	.33	.27	.39	.32	.27	.36	.30	.25	.33	.28	.24	.31	.26	.23	.21
10.0	.37	.30	.25	.36	.29	.24	.33	.27	.23	.31	.25	.22	.28	.24	.20	.19



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:1867.04x1 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	.293	.167	.053	.279	.159	.050	.252	.144	.046	.227	.131	.042	.204	.118	.038		
2.0	.275	.151	.046	.262	.144	.044	.237	.132	.041	.215	.120	.038	.194	.110	.035		
3.0	.255	.135	.041	.243	.130	.039	.221	.120	.036	.200	.110	.034	.181	.100	.031		
4.0	.235	.122	.036	.225	.118	.035	.205	.108	.032	.186	.100	.030	.168	.091	.028		
5.0	.218	.111	.032	.208	.107	.031	.190	.099	.029	.173	.091	.027	.157	.084	.025		
6.0	.203	.102	.029	.194	.098	.028	.177	.091	.026	.161	.084	.025	.146	.077	.023		
7.0	.189	.093	.026	.181	.090	.026	.165	.084	.024	.151	.077	.022	.137	.071	.021		
8.0	.177	.086	.024	.169	.083	.024	.155	.077	.022	.141	.072	.021	.129	.066	.019		
9.0	.166	.080	.022	.159	.077	.022	.146	.072	.020	.133	.067	.019	.121	.062	.018		
10.0	.156	.075	.021	.150	.072	.020	.137	.067	.019	.126	.062	.018	.115	.058	.017		

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	.378	.378	.378	.323	.323	.323	.220	.220	.220	.127	.127	.127	.040	.040	.040		
1.0	.368	.345	.325	.315	.296	.279	.215	.204	.193	.124	.118	.112	.040	.038	.036		
2.0	.360	.322	.290	.309	.277	.251	.211	.192	.175	.122	.112	.103	.039	.036	.033		
3.0	.353	.305	.268	.302	.264	.232	.208	.183	.163	.120	.107	.096	.039	.035	.031		
4.0	.346	.293	.252	.297	.253	.219	.204	.176	.154	.118	.103	.091	.038	.034	.030		
5.0	.339	.283	.242	.291	.245	.210	.200	.171	.149	.116	.100	.088	.037	.033	.029		
6.0	.332	.275	.234	.285	.238	.204	.197	.167	.144	.114	.098	.086	.037	.032	.028		
7.0	.326	.268	.228	.280	.233	.199	.193	.163	.141	.112	.096	.084	.036	.031	.028		
8.0	.319	.263	.224	.275	.228	.195	.190	.160	.139	.111	.094	.083	.036	.031	.027		
9.0	.314	.258	.221	.270	.224	.193	.187	.158	.137	.109	.093	.082	.035	.031	.027		
10.0	.308	.254	.218	.266	.221	.190	.184	.155	.135	.108	.092	.081	.035	.030	.027		

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:1867.04x1 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	21.8	23.0	22.3	23.5	24.2	22.0	23.2	22.6	23.8	24.4	
	3H	23.1	24.2	23.7	24.8	25.5	23.4	24.5	24.0	25.1	25.8
	4H	23.5	24.5	24.2	25.2	25.9	23.9	24.9	24.5	25.5	26.3
	6H	23.8	24.7	24.4	25.4	26.1	24.3	25.3	25.0	25.9	26.7
	8H	23.8	24.7	24.5	25.4	26.2	24.5	25.4	25.2	26.1	26.8
	12H	23.8	24.7	24.5	25.3	26.1	24.6	25.5	25.3	26.1	26.9
4H	2H	22.3	23.3	22.9	23.9	24.6	22.4	23.5	23.1	24.1	24.8
	3H	23.7	24.6	24.4	25.3	26.0	24.0	24.9	24.7	25.5	26.3
	4H	24.3	25.1	25.0	25.8	26.6	24.6	25.4	25.3	26.1	26.9
	6H	24.6	25.3	25.4	26.0	26.9	25.1	25.8	25.9	26.5	27.4
	8H	24.7	25.3	25.4	26.1	26.9	25.4	26.0	26.1	26.7	27.6
	12H	24.7	25.3	25.5	26.0	26.9	25.5	26.1	26.3	26.9	27.7
8H	4H	24.4	25.1	25.2	25.8	26.7	24.7	25.4	25.5	26.1	27.0
	6H	24.9	25.4	25.7	26.2	27.1	25.4	25.9	26.2	26.7	27.6
	8H	25.0	25.5	25.8	26.3	27.2	25.7	26.2	26.5	26.9	27.9
	12H	25.1	25.5	25.9	26.2	27.2	26.0	26.4	26.8	27.2	28.1
12H	4H	24.4	25.0	25.2	25.8	26.6	24.7	25.3	25.4	26.0	26.9
	6H	24.9	25.4	25.7	26.2	27.1	25.4	25.9	26.2	26.6	27.6
	8H	25.1	25.5	25.9	26.3	27.2	25.8	26.1	26.6	26.9	27.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1867 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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 C Interval: 5.0DEG
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 Operators:
 Test Date:2024-01-10

γ Range: 0 - 180DEG
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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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SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

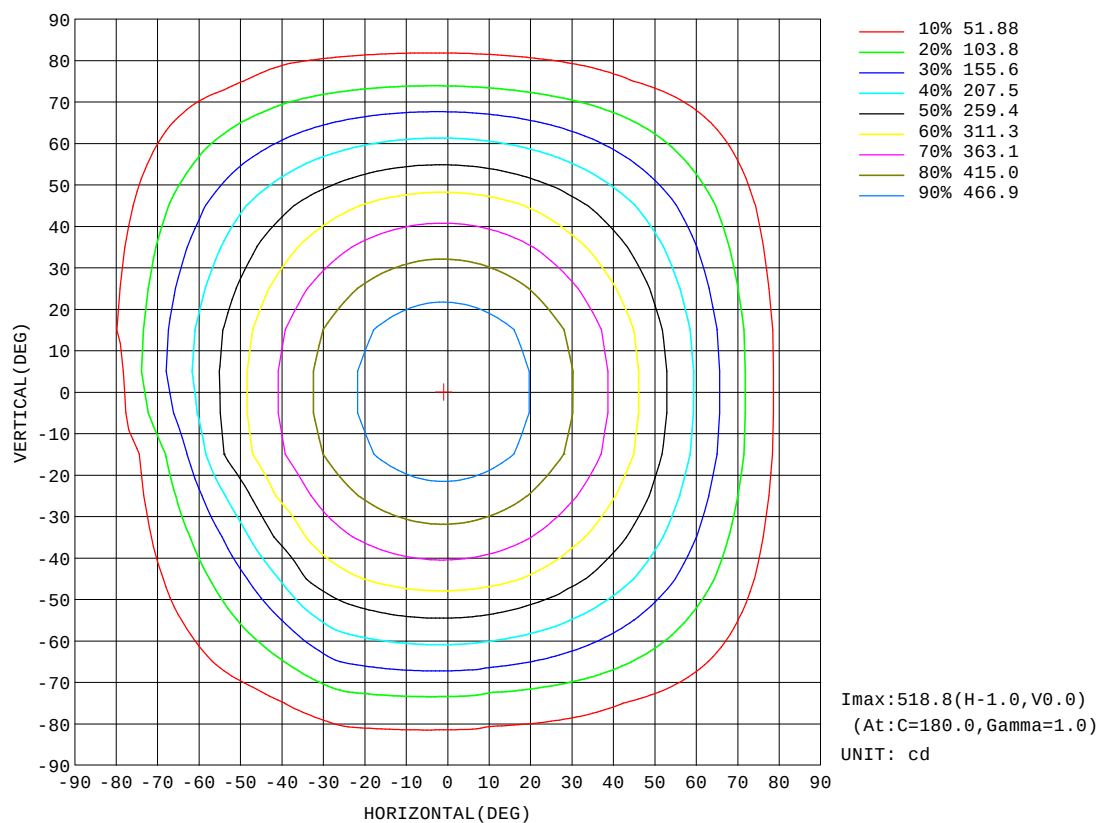
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	40	33	50	39	33	47	38	32	25
0.80	61	50	42	59	48	42	55	46	40	32
1.00	69	58	51	67	56	50	62	55	48	38
1.25	76	66	58	73	64	57	68	60	54	44
1.50	81	71	64	78	69	62	72	64	59	48
2.00	88	79	73	84	76	71	77	71	66	53
2.50	92	84	78	88	81	76	81	75	71	56
3.00	96	89	83	91	85	80	83	79	74	59
4.00	100	94	89	95	90	86	87	83	79	63
5.00	102	97	93	97	93	89	89	85	82	65
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
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 Test Speed: HIGH
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ISOCANDELA DIAGRAM

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



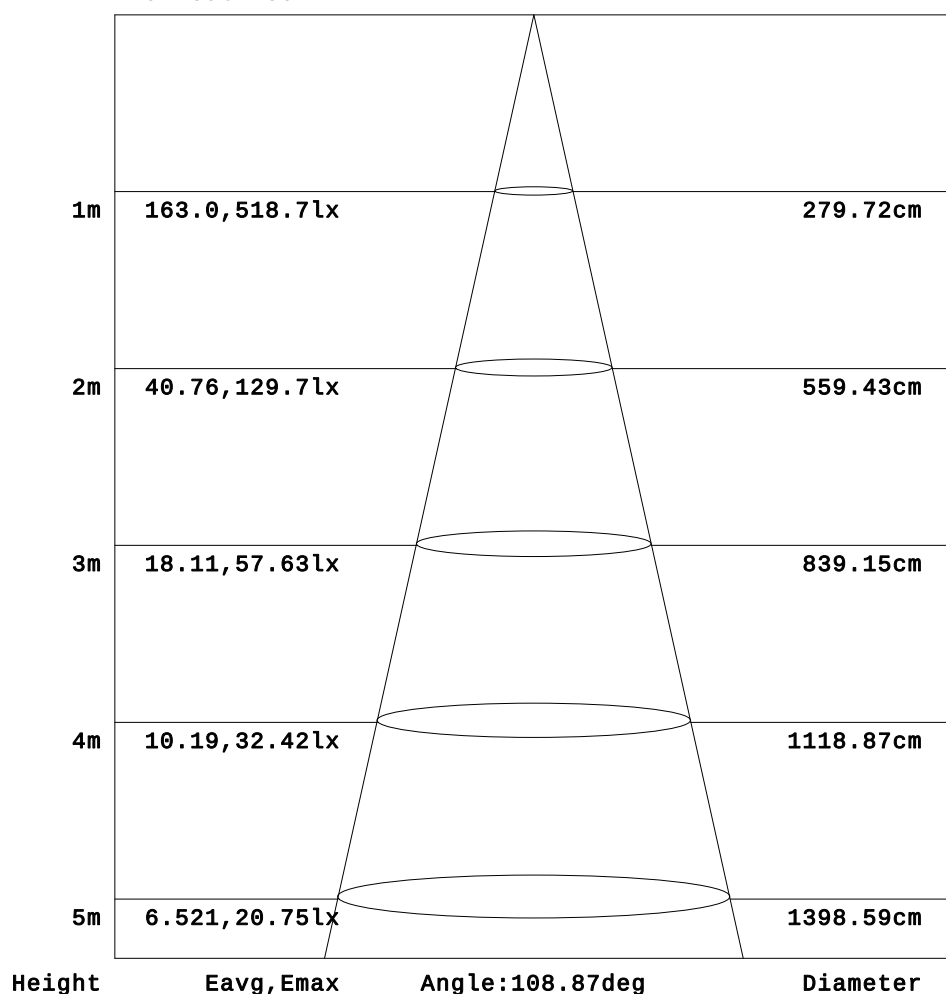
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AAI Figure

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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:1007 lm



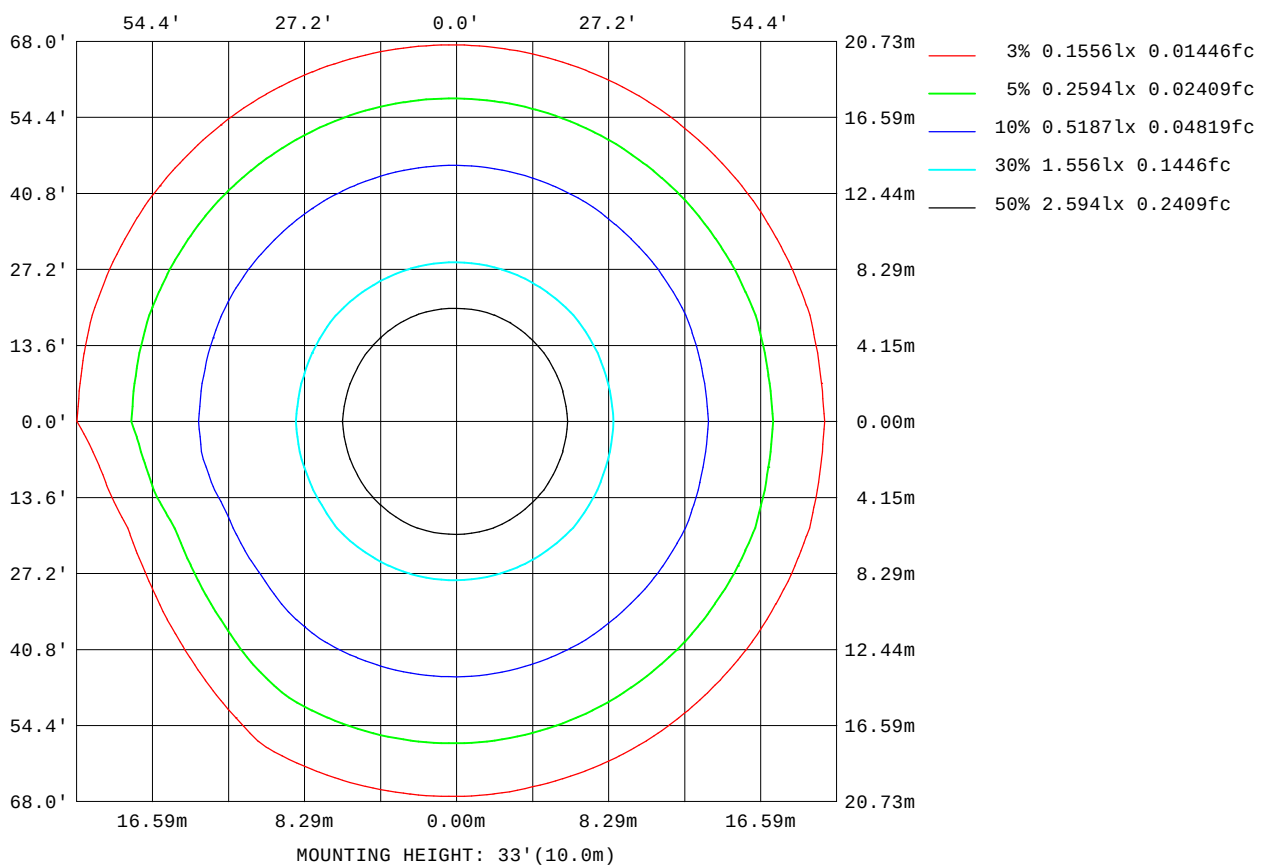
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1867.04x1 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:1867.04x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

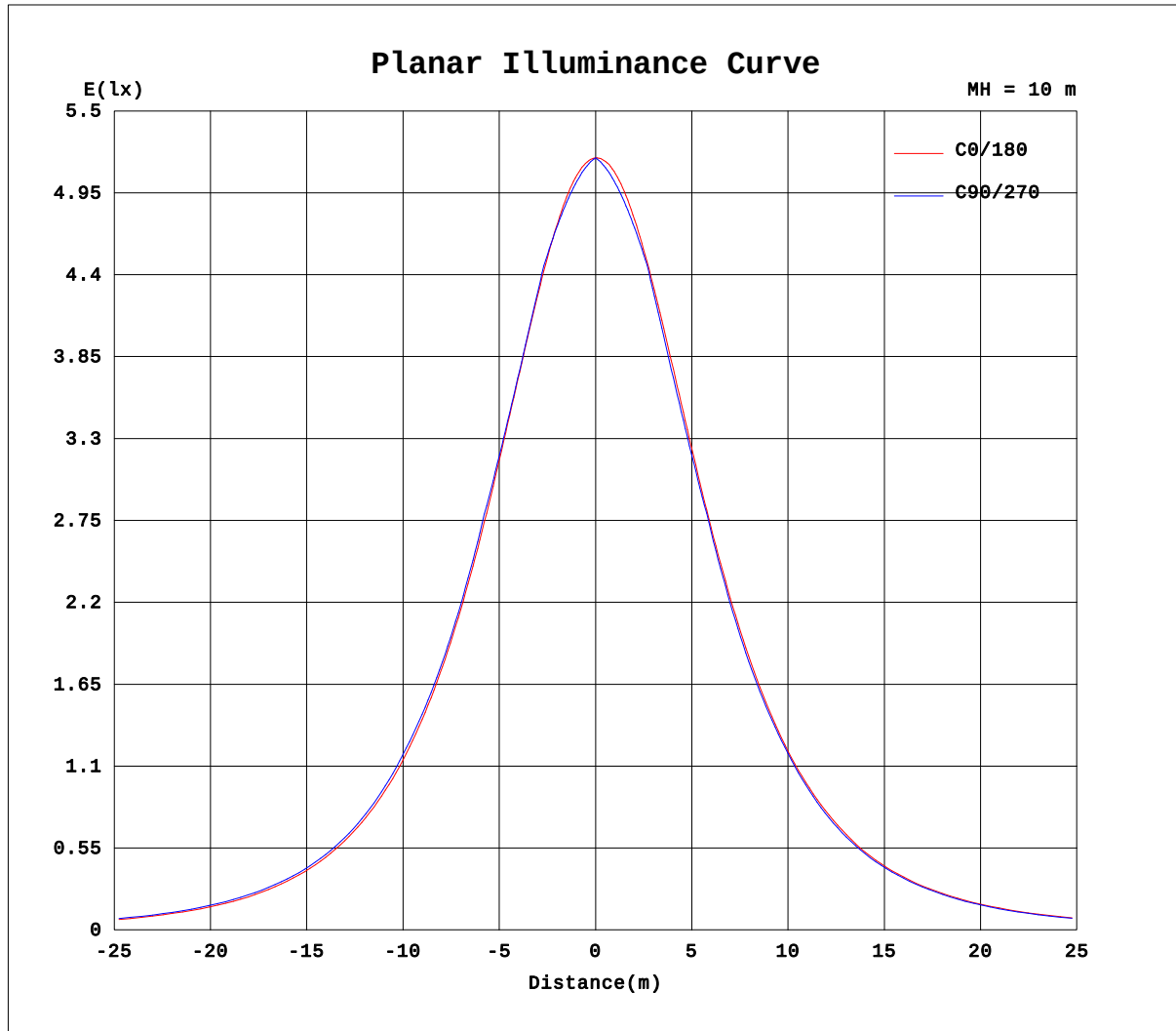
AvgL	cd/m2
L_0~180(65)av	19473
L_0~180(75)av	16107
L_0~180(85)av	5892
L_90~270(65)av	19809
L_90~270(75)av	16997
L_90~270(85)av	17029
L_45(65)av	18633
L_45(75)av	15565
L_45(85)av	13157

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:1867.04x1 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	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519
5	515	514	514	513	513	512	512	512	511	511	511	511	511	511	511	511	511	511	511
10	506	505	503	503	502	502	501	501	501	501	501	501	502	502	502	502	503	503	503
15	491	490	488	487	487	487	487	487	488	488	489	490	491	492	493	494	494	495	495
20	472	470	469	468	468	468	469	470	472	474	474	473	473	473	473	473	473	473	474
25	449	446	445	445	445	446	448	451	449	449	448	448	449	449	450	450	451	451	452
30	422	419	418	418	420	422	423	421	421	421	421	423	424	425	427	428	429	430	430
35	392	389	388	389	391	392	390	390	391	392	394	396	396	396	396	397	397	398	398
40	359	356	356	357	359	357	357	358	360	362	361	361	362	362	363	364	365	366	366
45	323	321	321	324	322	322	323	326	324	324	325	326	327	329	330	332	333	334	334
50	286	282	284	286	284	285	287	286	286	286	288	291	292	292	293	293	294	294	295
55	246	243	245	244	245	247	246	246	247	249	249	250	251	251	252	253	254	255	256
60	205	203	204	203	206	205	205	207	207	207	207	208	210	211	212	213	215	216	216
65	163	162	162	164	163	163	164	164	164	165	167	168	169	169	170	171	172	174	174
70	120	121	120	120	121	121	121	122	123	124	125	126	126	127	127	128	129	132	133
75	79.5	80.0	79.8	80.7	80.3	80.5	81.3	82.2	82.9	83.5	84.0	84.4	84.7	84.9	85.0	84.9	85.6	89.9	90.7
80	42.3	42.6	43.3	42.9	43.3	44.0	44.4	44.4	44.2	46.4	48.8	51.0	52.7	54.1	55.2	55.9	56.8	60.1	60.7
85	11.9	12.8	12.5	12.7	13.0	16.0	18.4	20.4	22.1	23.6	24.9	26.0	26.9	27.6	28.1	28.5	28.8	30.5	30.7
90	0.80	1.57	1.56	1.56	1.56	1.57	1.57	1.54	1.49	1.47	1.41	1.35	1.29	1.22	1.12	1.05	0.93	0.84	0.74
95	0.96	2.13	2.41	2.82	2.61	3.71	4.86	5.96	7.11	8.32	9.50	10.6	11.7	11.1	10.2	9.25	8.37	7.64	7.23
100	7.08	8.06	8.74	9.18	9.53	10.7	11.8	12.9	13.6	15.5	17.9	20.2	22.1	20.9	19.2	17.4	15.8	14.4	13.7
105	17.0	17.9	18.7	19.8	21.3	22.6	24.1	27.3	30.4	29.6	30.0	31.5	32.6	31.0	28.5	25.8	23.3	21.2	20.2
110	33.8	34.9	35.9	38.1	40.1	44.5	42.6	44.7	46.5	44.2	43.6	43.8	43.5	42.0	39.9	37.4	34.9	32.9	31.9
115	61.2	61.0	60.8	61.6	60.7	61.4	60.3	59.9	58.5	57.2	56.6	55.5	54.4	53.2	51.3	49.0	46.5	44.5	43.6
120	73.0	72.6	73.1	72.4	72.8	72.4	72.4	72.3	70.9	69.7	68.8	67.8	66.6	65.4	63.6	61.0	58.3	56.1	55.3
125	83.4	83.0	84.0	83.7	83.8	84.1	83.5	83.1	82.9	82.4	81.5	80.5	79.8	78.9	77.5	75.2	72.9	70.9	69.7
130	95.6	95.0	95.5	95.8	95.2	95.4	95.6	95.1	94.8	94.5	94.2	93.8	93.5	92.8	91.6	89.5	87.4	85.6	84.0
135	108	107	107	108	108	107	108	108	108	108	107	107	107	107	106	104	102	100	98.4
140	120	119	119	120	121	120	120	121	121	122	122	122	121	121	119	118	116	114	112
145	133	132	132	132	133	134	133	133	134	135	135	136	136	135	133	131	129	127	125
150	146	145	144	144	145	147	147	147	147	147	147	147	147	146	146	144	142	141	139
155	158	157	157	157	157	158	158	160	159	159	158	157	157	156	154	153	151	149	148
160	168	168	167	167	167	167	167	167	168	168	168	167	165	164	162	161	160	158	157
165	176	175	174	174	173	173	173	173	173	172	172	171	171	170	169	169	168	167	166
170	179	178	178	177	177	176	176	175	175	174	174	173	173	172	171	171	170	169	169
175	178	178	177	177	177	177	176	176	175	175	175	174	174	174	173	173	172	172	172
180	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175

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:1867.04x1 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	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519
5	511	511	511	511	512	512	512	512	513	513	513	514	514	515	515	516	516	517	516
10	503	503	503	504	504	504	504	504	504	504	504	505	505	506	507	508	509	510	509
15	495	495	495	495	495	494	494	493	493	492	492	492	492	493	493	495	496	498	496
20	474	474	475	475	476	477	478	479	479	478	477	476	475	475	476	477	479	481	479
25	452	453	453	453	453	453	454	454	455	457	458	456	455	454	454	455	457	460	457
30	431	431	431	430	430	429	429	429	429	429	430	432	432	430	429	430	431	434	431
35	399	399	400	401	402	403	404	403	402	401	401	401	403	403	402	401	403	406	403
40	367	367	368	368	368	369	370	371	372	371	368	366	367	372	371	370	371	374	371
45	335	335	335	335	335	335	335	334	334	332	329	327	329	333	339	337	337	340	337
50	296	296	297	298	299	300	299	297	293	286	283	287	284	286	296	301	300	304	300
55	256	257	258	258	259	259	258	255	248	236	232	229	227	230	245	262	259	264	261
60	217	218	218	219	219	219	214	206	195	185	178	174	171	171	183	198	207	224	222
65	175	176	177	177	178	178	168	157	148	140	134	128	125	124	126	136	152	183	181
70	133	134	135	136	136	134	124	115	107	101	96.0	91.9	88.1	86.0	85.5	88.2	98.2	141	139
75	91.5	92.3	93.1	93.9	94.6	90.0	83.1	77.1	71.0	66.2	63.4	60.6	56.5	54.7	52.2	51.5	51.4	95.5	94.0
80	61.2	61.5	61.6	61.5	61.1	55.9	50.3	45.2	39.0	34.5	34.3	33.4	31.5	30.1	29.3	27.9	27.0	26.5	52.9
85	31.0	31.2	31.2	31.2	30.9	28.1	25.3	22.6	19.4	17.1	15.8	14.4	13.1	12.4	13.3	14.3	13.6	9.68	19.5
90	0.78	0.83	0.78	0.84	0.84	0.84	0.84	0.84	0.85	0.89	0.91	0.90	0.90	0.94	0.85	0.74	0.55	0.24	0.22
95	7.50	8.17	9.00	10.1	11.3	12.7	13.0	12.6	11.2	9.54	7.25	5.73	3.96	2.37	3.20	2.55	1.70	0.57	0.59
100	14.2	15.5	17.2	19.2	21.7	24.4	25.2	24.6	21.8	19.3	17.7	17.7	16.5	15.0	14.2	13.2	12.4	6.28	6.32
105	20.9	22.9	25.5	28.5	32.0	35.5	37.4	38.3	38.7	40.5	40.2	39.1	36.0	34.8	32.3	30.9	29.1	30.2	15.7
110	32.5	34.0	36.4	39.1	42.4	45.9	49.0	51.8	55.0	60.0	60.7	59.5	60.5	59.0	57.8	56.3	55.4	56.5	39.9
115	44.0	45.2	47.2	49.7	52.8	56.2	59.9	63.7	67.2	70.6	73.4	75.6	77.9	78.2	80.0	79.2	79.6	81.2	68.7
120	55.5	56.5	58.5	60.8	63.8	67.3	70.7	74.1	77.4	80.6	83.7	85.8	88.0	90.1	90.8	91.8	91.9	93.5	88.2
125	69.3	69.7	71.2	73.2	75.8	78.7	81.8	84.9	87.9	90.6	92.9	95.3	97.7	98.9	100.0	101	101	103	102
130	83.2	83.1	84.0	85.6	87.9	90.5	93.1	95.7	98.1	100	103	105	106	107	109	110	110	112	110
135	97.2	96.5	96.8	97.9	99.6	102	104	106	109	111	113	114	115	117	118	118	118	120	119
140	111	110	110	110	111	113	115	117	120	121	122	123	124	126	126	126	127	129	128
145	124	123	123	123	123	125	126	127	128	129	131	132	134	135	134	135	135	137	136
150	137	136	135	135	135	134	135	135	136	137	139	140	141	141	141	142	142	144	143
155	146	145	145	144	144	144	144	144	145	146	147	147	147	147	147	147	148	150	149
160	156	155	154	154	154	154	154	154	154	153	153	153	153	153	153	154	154	156	155
165	165	164	163	162	162	161	161	160	160	159	159	159	159	159	159	160	160	162	161
170	168	168	167	167	166	166	165	165	165	165	165	165	165	165	165	166	166	167	167
175	171	171	171	171	171	170	170	170	170	170	170	170	170	170	170	170	171	162	161
180	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	175	173	173

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:1867.04x1 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	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519
5	516	515	515	514	514	513	513	513	512	512	512	512	511	511	511	511	511	511	511
10	508	507	506	505	505	504	504	504	504	504	504	504	504	504	504	503	503	503	503
15	495	493	493	492	492	492	492	493	493	494	494	495	495	496	496	496	496	495	495
20	477	476	475	475	476	477	478	479	479	478	477	476	476	475	475	474	474	474	474
25	455	454	454	455	457	459	457	456	455	454	454	454	454	453	453	453	452	452	452
30	430	430	430	432	432	431	430	429	429	430	430	431	431	431	432	431	431	430	430
35	401	402	403	404	402	401	402	402	403	405	404	403	402	401	401	400	399	399	398
40	370	371	373	371	370	371	372	373	372	371	370	369	369	369	369	368	368	367	366
45	337	339	337	337	338	340	338	337	336	336	336	336	337	337	337	336	336	335	334
50	301	301	300	302	303	301	300	301	301	302	301	300	299	299	298	298	297	296	296
55	264	262	262	263	263	262	263	264	263	262	261	261	260	260	259	258	258	257	256
60	223	222	223	222	223	224	223	222	222	221	221	221	221	220	220	219	219	218	217
65	181	182	181	182	182	181	181	181	181	181	181	180	180	179	179	178	177	176	175
70	140	139	140	140	140	140	140	140	140	140	139	139	138	138	137	136	136	135	134
75	95.2	95.3	95.6	96.4	98.2	96.8	96.7	97.5	98.6	98.3	97.8	97.3	96.7	96.1	95.5	94.8	94.1	93.3	92.3
80	52.6	52.3	53.2	53.9	53.7	52.3	54.2	57.4	60.9	62.1	62.7	63.1	63.4	63.5	63.6	63.4	62.9	62.3	61.4
85	19.7	19.1	18.6	20.4	22.0	23.3	26.5	28.5	30.4	31.1	31.5	31.7	31.9	32.0	32.1	32.1	31.6	31.5	31.0
90	0.25	0.29	0.39	0.32	0.31	0.31	0.31	0.32	0.35	0.38	0.38	0.38	0.38	0.38	0.38	0.66	0.74	0.37	0.68
95	0.86	1.20	0.67	1.78	3.13	4.20	5.48	6.87	8.96	10.5	11.3	10.4	9.16	8.12	7.46	6.88	5.31	6.59	7.38
100	6.47	7.11	7.70	8.66	10.2	11.1	11.5	14.0	18.1	20.8	22.4	20.3	17.8	15.8	14.2	13.0	10.2	12.5	14.1
105	16.2	17.3	19.5	20.8	24.0	26.5	28.1	28.3	30.6	32.5	33.5	30.2	26.7	23.7	21.1	19.2	15.2	18.4	20.9
110	36.6	36.4	37.2	39.3	40.5	42.9	44.7	43.6	44.2	45.2	44.1	40.5	37.2	34.4	32.1	30.5	25.9	29.4	32.4
115	61.9	57.7	56.0	56.1	55.7	56.3	57.2	57.1	57.5	57.7	54.3	50.8	47.7	45.2	43.1	41.8	36.6	40.4	43.8
120	85.4	78.0	72.1	71.3	70.5	69.4	70.4	71.4	71.0	69.0	65.4	61.9	58.8	56.3	54.3	53.2	47.3	51.5	55.3
125	101	94.7	89.9	88.7	87.7	86.1	85.3	86.4	83.4	80.3	77.0	74.0	71.2	69.2	67.7	67.1	61.0	66.0	70.0
130	110	108	105	105	104	101	99.3	96.9	94.4	91.6	88.9	86.2	83.8	82.1	81.2	80.3	74.7	79.2	84.9
135	118	118	116	115	114	113	110	108	105	103	100	98.1	96.3	95.1	94.8	92.4	88.4	89.7	99.6
140	127	126	126	124	123	121	120	119	116	114	112	110	109	108	108	102	101	98.5	113
145	135	135	135	134	132	130	129	127	126	125	123	122	122	121	121	111	114	111	124
150	142	141	141	141	140	138	137	136	135	134	134	134	134	134	132	120	126	126	128
155	148	147	147	147	147	147	146	145	144	144	143	143	144	143	135	128	135	139	134
160	154	154	153	153	153	153	153	154	154	154	153	153	152	147	142	139	144	148	147
165	161	160	160	160	159	159	160	160	160	161	160	159	154	150	150	149	152	156	160
170	166	166	166	165	165	165	164	163	162	160	157	155	155	156	156	156	159	160	162
175	161	161	161	160	160	159	159	160	160	161	161	162	163	163	164	165	166	166	166
180	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173

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:1867.04x1 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	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519				
5	511	511	511	511	511	511	511	511	512	512	512	513	513	514	514				
10	503	502	502	502	502	501	501	501	501	501	502	502	503	504	505				
15	494	493	493	492	491	490	489	488	487	487	487	487	488	488	490				
20	473	473	473	474	474	475	474	472	471	469	468	468	468	469	470				
25	451	450	450	449	449	449	449	450	451	449	447	445	445	445	447				
30	429	427	426	425	423	422	422	421	422	423	422	420	418	418	419				
35	398	398	397	397	397	395	393	392	391	391	393	392	389	388	389				
40	366	365	364	363	363	362	363	361	359	358	358	360	358	356	356				
45	333	332	330	329	327	326	325	326	327	324	322	323	325	321	321				
50	295	294	294	294	293	289	288	287	287	288	286	285	286	284	283				
55	255	254	253	253	251	251	251	249	247	247	248	246	244	245	243				
60	216	214	213	212	210	209	209	208	209	206	206	207	204	205	203				
65	174	173	172	171	170	169	167	166	166	166	165	164	164	162	162				
70	133	132	131	130	129	128	127	126	124	123	123	123	121	120	121				
75	91.4	90.5	89.6	88.8	88.0	87.2	86.4	85.5	84.5	83.3	82.2	81.7	81.7	80.3	80.1				
80	60.3	59.1	57.6	55.9	54.0	51.8	49.3	47.1	46.9	46.4	45.8	44.7	44.0	44.1	42.9				
85	30.5	29.8	29.1	28.2	27.2	26.1	24.8	23.3	21.5	19.5	17.1	14.2	13.7	13.2	13.1				
90	0.67	0.67	0.67	0.68	0.69	0.71	0.74	0.75	0.75	0.75	0.75	0.75	0.75	0.74	0.72				
95	8.61	9.57	10.4	10.8	9.62	8.51	7.34	5.98	4.72	3.55	2.39	1.45	1.81	1.48	1.35				
100	16.5	18.4	20.1	20.9	18.8	16.6	14.3	12.1	11.3	10.3	9.43	8.48	8.00	7.78	7.46				
105	24.5	27.5	29.9	31.5	30.0	29.0	28.7	29.0	25.4	22.6	21.2	20.1	18.9	18.1	17.8				
110	35.9	38.6	40.7	42.4	42.5	42.8	44.1	45.7	42.2	41.0	42.1	38.3	36.8	35.2	34.9				
115	47.3	49.7	51.6	53.2	54.4	55.7	56.8	57.5	57.7	58.2	59.9	59.3	61.1	60.3	61.1				
120	59.2	61.7	63.8	65.3	66.6	67.6	68.4	69.2	69.8	69.7	70.1	71.3	71.5	72.4	71.0				
125	73.5	75.8	77.4	78.4	79.2	80.0	80.7	81.1	81.3	81.6	81.8	81.4	81.6	82.1	81.1				
130	87.8	90.1	91.5	92.2	92.5	92.8	93.1	93.4	93.7	94.2	94.1	93.9	94.4	93.6	92.2				
135	102	104	106	106	106	106	107	107	107	107	106	107	108	106	106				
140	116	118	119	120	121	121	121	120	120	119	120	120	120	118	118				
145	130	132	134	135	135	135	134	133	133	133	134	133	131	130	129				
150	142	144	145	144	145	145	145	146	147	147	146	145	143	142	142				
155	145	147	152	153	152	154	156	156	156	158	157	157	157	157	158				
160	145	150	152	159	162	162	160	159	162	162	161	162	162	163	164				
165	156	152	155	155	158	162	164	164	164	163	162	161	160	160	160				
170	162	161	159	159	161	162	162	161	162	163	165	165	165	165	165				
175	166	165	164	164	163	163	163	164	164	165	166	167	168	169	169				
180	173	173	173	173	173	173	173	173	173	173	173	173	173	173	173				

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	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	517.4	517.1	516.8	516.5	516.2	516.0	515.7	515.5	515.3	515.2
5.0	515.0	514.3	513.7	513.2	512.7	512.2	511.9	511.6	511.3	511.1
7.5	511.1	510.1	509.3	508.6	508.0	507.4	507.0	506.7	506.5	506.4
10.0	505.8	504.5	503.5	502.6	502.0	501.5	501.2	501.0	501.0	501.0
12.5	499.2	497.7	496.5	495.6	494.9	494.5	494.3	494.4	494.6	495.1
15.0	491.4	489.7	488.4	487.4	486.8	486.6	486.7	487.1	487.6	488.4
17.5	482.4	480.5	479.1	478.2	477.7	477.7	478.2	479.0	480.0	481.3
20.0	472.3	470.1	468.6	467.8	467.6	468.0	469.0	470.2	471.9	473.7
22.5	461.0	458.7	457.2	456.6	456.7	457.5	458.9	460.8	463.2	466.2
25.0	448.9	446.4	445.0	444.6	445.0	446.3	448.2	450.8	449.5	448.7
27.5	435.9	433.3	432.0	431.8	432.6	434.4	437.1	436.3	435.2	434.9
30.0	422.0	419.3	418.0	418.1	419.5	422.0	422.6	421.3	420.7	420.8
32.5	407.3	404.5	403.4	403.9	405.8	408.7	406.8	405.9	406.0	406.6
35.0	391.9	389.1	388.1	389.0	391.5	392.0	390.5	390.2	390.8	392.3
37.5	375.6	372.8	372.1	373.5	376.8	374.9	373.9	374.3	375.6	377.6
40.0	358.6	355.9	355.7	357.5	359.2	357.4	357.2	358.1	360.2	361.9
42.5	341.3	338.5	338.5	341.0	340.9	339.6	340.1	342.0	343.8	342.9
45.0	323.3	320.6	321.0	324.1	322.2	321.6	322.9	325.6	324.4	323.9
47.5	304.7	302.1	302.9	305.5	303.3	303.6	305.7	305.8	305.0	305.1
50.0	285.7	282.5	283.8	285.6	284.1	285.3	287.2	285.8	285.7	286.4
52.5	266.1	263.0	264.1	263.9	264.8	267.0	266.4	265.8	266.5	267.9
55.0	246.0	243.2	245.1	243.9	244.9	247.1	245.8	246.1	247.5	249.2
57.5	225.8	223.2	225.4	223.7	225.9	225.7	225.3	226.5	228.3	227.9
60.0	205.1	202.8	204.2	203.5	206.0	204.6	205.2	207.2	206.7	206.7
62.5	184.2	182.3	183.0	183.4	184.1	183.8	185.3	185.4	185.3	185.9
65.0	163.0	161.6	161.6	163.5	162.6	163.4	164.2	163.9	164.4	165.3
67.5	141.3	141.0	140.4	141.7	141.7	143.2	142.6	142.8	143.7	145.0
70.0	119.9	120.7	119.8	120.1	121.5	121.4	121.5	122.2	123.3	124.2
72.5	99.54	100.6	99.88	99.79	100.9	100.5	101.0	102.0	102.9	103.7
75.0	79.55	79.97	79.78	80.69	80.31	80.50	81.34	82.23	82.92	83.47
77.5	60.38	60.51	60.58	61.16	60.99	61.67	62.49	63.07	63.40	63.63
80.0	42.35	42.62	43.33	42.86	43.26	44.04	44.36	44.41	44.24	46.35
82.5	26.00	26.43	26.60	26.70	27.26	27.27	27.28	30.21	32.70	34.90
85.0	11.89	12.77	12.54	12.75	13.05	16.01	18.43	20.45	22.15	23.64
87.5	1.999	2.610	2.351	5.055	7.109	8.663	9.915	10.93	11.77	12.52
90.0	0.7983	1.573	1.564	1.564	1.564	1.569	1.568	1.545	1.494	1.466
92.5	0.5702	1.724	1.743	1.759	2.042	2.586	3.176	3.720	4.274	4.870
95.0	0.9586	2.127	2.414	2.816	2.612	3.706	4.858	5.961	7.110	8.319
97.5	3.430	4.584	4.973	5.427	6.071	6.221	6.682	8.332	10.06	11.86
100.0	7.076	8.060	8.739	9.183	9.533	10.71	11.85	12.87	13.62	15.53
102.5	11.48	12.32	13.12	14.04	14.61	15.62	17.67	19.77	21.97	22.04
105.0	16.96	17.87	18.71	19.83	21.34	22.55	24.06	27.25	30.38	29.58
107.5	24.30	25.38	26.11	27.56	29.62	32.40	32.83	35.66	38.57	36.97
110.0	33.82	34.93	35.91	38.07	40.11	44.54	42.58	44.66	46.48	44.21
112.5	47.90	48.44	49.46	52.73	51.09	55.32	51.81	53.05	52.58	51.17
115.0	61.18	61.05	60.77	61.56	60.70	61.43	60.25	59.95	58.53	57.25
117.5	67.52	67.14	67.33	67.09	66.99	66.88	67.03	66.16	64.62	63.45
120.0	72.98	72.59	73.06	72.44	72.83	72.39	72.41	72.32	70.86	69.69
122.5	78.03	77.68	78.55	77.91	78.28	78.13	77.89	77.61	77.20	76.03
125.0	83.43	83.04	83.99	83.69	83.79	84.09	83.52	83.14	82.88	82.41
127.5	89.33	88.86	89.73	89.80	89.44	89.75	89.44	88.96	88.70	88.37
130.0	95.63	95.00	95.50	95.77	95.25	95.42	95.58	95.14	94.83	94.55
132.5	101.7	100.9	101.2	102.1	101.4	101.2	101.6	101.6	101.2	101.0
135.0	108.0	107.1	107.2	108.3	107.7	107.3	107.6	108.3	108.0	107.6
137.5	114.1	113.2	113.3	114.2	114.2	113.7	113.7	114.3	115.0	114.6
140.0	120.4	119.4	119.4	120.1	120.8	120.2	120.1	120.5	121.2	121.8
142.5	126.6	125.6	125.5	126.1	127.5	126.9	126.7	126.8	127.4	128.4
145.0	132.9	131.9	131.7	132.2	133.4	133.7	133.3	133.4	133.9	134.7
147.5	139.3	138.3	138.0	138.3	139.3	140.7	140.2	140.2	140.4	140.7
150.0	145.6	144.6	144.2	144.5	145.3	146.6	147.3	146.9	146.7	146.8
152.5	152.0	151.0	150.6	150.8	151.4	152.4	153.6	153.4	153.0	152.9
155.0	158.2	157.3	156.7	156.6	156.9	157.5	158.5	159.7	159.2	158.5
157.5	163.5	162.6	162.0	161.8	162.0	162.4	163.1	163.9	164.7	163.9
160.0	168.5	167.6	167.0	166.7	166.6	166.8	167.0	167.4	167.8	168.2
162.5	172.4	171.7	171.1	170.7	170.4	170.4	170.4	170.4	170.5	170.5
165.0	175.7	175.0	174.4	173.9	173.5	173.2	173.0	172.7	172.5	172.3
167.5	177.7	177.1	176.5	176.0	175.6	175.2	174.8	174.4	174.0	173.6
170.0	178.8	178.3	177.8	177.3	176.8	176.4	175.9	175.4	174.9	174.4
172.5	178.8	178.4	178.0	177.6	177.1	176.7	176.3	175.8	175.4	174.9
175.0	178.0	177.7	177.4	177.1	176.8	176.5	176.2	175.9	175.5	175.1
177.5	176.7	176.5	176.4	176.2	176.0	175.9	175.7	175.5	175.3	175.1
180.0	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

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	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	515.0	514.9	514.8	514.8	514.7	514.7	514.7	514.7	514.8	514.8
5.0	510.9	510.8	510.7	510.7	510.6	510.7	510.7	510.8	510.9	510.9
7.5	506.3	506.3	506.3	506.4	506.4	506.6	506.7	506.8	507.0	507.1
10.0	501.1	501.4	501.6	501.9	502.1	502.4	502.6	502.9	503.1	503.2
12.5	495.5	496.0	496.6	497.2	497.7	498.2	498.6	498.9	499.2	499.3
15.0	489.3	490.3	491.3	492.2	493.1	493.8	494.5	494.9	495.3	495.4
17.5	482.7	484.2	485.0	484.5	484.2	484.1	484.1	484.2	484.4	484.8
20.0	474.2	473.5	473.1	472.9	472.8	473.0	473.0	473.3	473.6	473.9
22.5	461.4	461.0	461.0	461.1	461.3	461.7	462.0	462.3	462.7	463.1
25.0	448.4	448.4	448.7	449.2	449.8	450.4	451.0	451.4	451.9	452.2
27.5	435.0	435.5	436.3	437.2	438.2	439.1	439.9	440.5	441.0	441.4
30.0	421.4	422.5	423.8	425.2	426.5	427.7	428.8	429.5	430.1	430.5
32.5	407.9	409.4	411.2	413.0	413.0	413.1	413.5	413.7	414.2	414.7
35.0	394.0	396.2	396.2	396.2	396.4	396.8	397.3	397.7	398.2	398.8
37.5	379.4	379.0	378.9	379.3	379.9	380.5	381.2	381.7	382.2	382.8
40.0	361.3	361.3	361.7	362.4	363.3	364.2	365.1	365.7	366.2	366.8
42.5	343.2	343.7	344.6	345.7	346.8	347.9	348.9	349.7	350.2	350.8
45.0	325.3	326.2	327.4	328.9	330.3	331.6	332.8	333.7	334.3	334.8
47.5	306.4	308.7	310.3	312.1	312.7	313.1	313.6	314.1	314.6	315.3
50.0	287.8	291.5	292.0	292.2	292.5	293.1	293.8	294.4	295.0	295.7
52.5	269.8	271.5	271.4	271.8	272.4	273.2	274.0	274.7	275.3	276.0
55.0	248.9	249.8	250.8	251.4	252.3	253.2	254.2	255.0	255.6	256.4
57.5	228.0	228.6	230.3	231.2	232.3	233.3	234.4	235.3	236.0	236.7
60.0	207.3	208.3	209.9	211.0	212.2	213.5	214.6	215.6	216.3	217.1
62.5	186.9	188.1	189.6	190.9	191.6	192.4	193.4	194.7	195.4	196.2
65.0	166.6	167.9	168.7	169.5	170.2	170.8	171.9	173.7	174.4	175.2
67.5	146.0	146.7	147.5	148.2	148.8	149.2	150.4	152.8	153.5	154.3
70.0	125.0	125.8	126.4	127.0	127.4	127.7	128.8	131.8	132.6	133.4
72.5	104.3	105.0	105.5	105.9	106.2	106.3	107.2	110.9	111.6	112.4
75.0	83.97	84.40	84.73	84.95	85.02	84.91	85.61	89.92	90.68	91.49
77.5	63.83	64.01	65.77	67.48	68.79	69.66	70.84	74.95	75.69	76.27
80.0	48.82	50.98	52.73	54.14	55.20	55.92	56.78	60.12	60.70	61.17
82.5	36.80	38.45	39.79	40.86	41.65	42.19	42.78	45.29	45.71	46.08
85.0	24.92	26.03	26.92	27.62	28.12	28.47	28.81	30.47	30.72	30.98
87.5	13.14	13.67	14.09	14.41	14.62	14.76	14.86	15.65	15.73	15.88
90.0	1.410	1.354	1.293	1.223	1.116	1.050	0.9335	0.8354	0.7423	0.7798
92.5	5.434	5.974	6.507	6.169	5.666	5.153	4.653	4.236	3.984	4.138
95.0	9.495	10.63	11.72	11.10	10.21	9.249	8.368	7.636	7.225	7.495
97.5	13.63	15.35	16.91	16.02	14.73	13.33	12.08	11.03	10.47	10.85
100.0	17.88	20.17	22.10	20.91	19.22	17.39	15.77	14.42	13.71	14.20
102.5	23.15	25.19	27.27	25.77	23.67	21.43	19.45	17.81	16.95	17.55
105.0	30.02	31.46	32.61	30.96	28.52	25.79	23.30	21.24	20.19	20.94
107.5	36.84	37.66	38.03	36.46	34.22	31.62	29.13	27.05	26.04	26.70
110.0	43.61	43.80	43.48	41.99	39.91	37.43	34.94	32.86	31.88	32.45
112.5	50.25	49.79	48.91	47.56	45.62	43.24	40.75	38.67	37.73	38.21
115.0	56.55	55.53	54.38	53.15	51.35	49.03	46.54	44.48	43.57	43.97
117.5	62.63	61.57	60.19	58.80	57.09	54.82	52.32	50.28	49.41	49.73
120.0	68.82	67.76	66.61	65.42	63.55	61.05	58.32	56.15	55.26	55.53
122.5	75.10	74.07	73.13	72.15	70.51	68.14	65.59	63.51	62.46	62.42
125.0	81.46	80.52	79.80	78.95	77.51	75.24	72.87	70.87	69.65	69.33
127.5	87.96	87.12	86.61	85.84	84.55	82.35	80.16	78.23	76.85	76.27
130.0	94.19	93.81	93.52	92.85	91.63	89.48	87.43	85.58	84.05	83.22
132.5	100.7	100.5	100.4	99.92	98.73	96.63	94.71	92.92	91.24	90.20
135.0	107.4	107.4	107.2	106.8	105.7	103.7	101.9	100.2	98.44	97.18
137.5	114.5	114.5	114.2	113.8	112.5	110.7	108.8	107.0	105.2	103.9
140.0	121.8	121.6	121.4	120.7	119.3	117.6	115.6	113.8	111.9	110.6
142.5	129.3	128.9	128.5	127.7	126.3	124.6	122.4	120.6	118.6	117.3
145.0	135.4	136.1	135.7	134.7	133.2	131.4	129.2	127.3	125.3	124.0
147.5	141.2	141.7	141.9	141.6	140.1	138.3	135.9	134.1	132.1	130.7
150.0	147.0	147.1	146.9	146.4	145.6	144.1	142.3	140.7	138.8	137.4
152.5	152.6	152.3	151.8	151.0	150.0	148.4	146.7	145.0	143.3	141.9
155.0	158.0	157.3	156.5	155.5	154.2	152.6	151.0	149.4	147.7	146.5
157.5	163.1	162.1	161.0	159.9	158.4	156.8	155.3	153.7	152.2	151.1
160.0	167.7	166.6	165.4	164.0	162.5	161.0	159.5	158.0	156.6	155.6
162.5	170.4	170.2	169.4	168.0	166.5	165.1	163.7	162.3	161.1	160.2
165.0	171.9	171.5	170.9	170.2	169.4	168.6	167.6	166.6	165.6	164.7
167.5	173.1	172.5	171.9	171.2	170.5	169.7	168.8	168.0	167.1	166.4
170.0	173.9	173.3	172.7	172.1	171.5	170.8	170.1	169.3	168.7	168.1
172.5	174.4	173.9	173.4	172.9	172.4	171.8	171.3	170.7	170.2	169.8
175.0	174.7	174.4	174.0	173.6	173.2	172.8	172.5	172.1	171.8	171.5
177.5	174.9	174.7	174.4	174.2	174.0	173.9	173.7	173.5	173.3	173.2
180.0	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

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	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	514.9	515.0	515.1	515.2	515.4	515.5	515.7	515.9	516.2	516.4
5.0	511.1	511.2	511.4	511.6	511.8	512.0	512.3	512.6	513.0	513.4
7.5	507.2	507.4	507.5	507.7	507.9	508.1	508.3	508.6	508.9	509.3
10.0	503.3	503.4	503.5	503.6	503.6	503.7	503.7	503.9	504.1	504.3
12.5	499.5	499.4	499.4	499.2	499.0	498.9	498.6	498.5	498.4	498.5
15.0	495.5	495.3	495.0	494.7	494.1	493.6	493.0	492.5	492.1	491.9
17.5	485.2	485.8	486.5	487.3	488.2	488.0	487.0	486.0	485.2	484.5
20.0	474.4	474.8	475.4	476.0	476.8	477.7	478.9	479.0	477.6	476.5
22.5	463.5	463.8	464.2	464.6	465.2	465.9	466.8	468.1	469.5	467.7
25.0	452.6	452.8	453.0	453.1	453.4	453.8	454.4	455.3	456.6	458.4
27.5	441.7	441.7	441.7	441.6	441.5	441.5	441.7	442.2	443.2	444.6
30.0	430.7	430.6	430.3	430.0	429.5	429.1	428.8	428.9	429.3	430.5
32.5	415.5	416.2	417.1	418.3	417.5	416.5	415.8	415.3	415.3	415.8
35.0	399.4	400.0	400.7	401.7	402.8	403.9	402.6	401.7	401.0	400.9
37.5	383.3	383.9	384.4	385.0	385.8	386.9	388.6	387.8	386.5	384.9
40.0	367.3	367.7	368.0	368.4	368.9	369.6	370.8	372.4	371.0	367.5
42.5	351.2	351.5	351.6	351.8	351.9	352.3	352.7	353.5	352.9	349.3
45.0	335.2	335.3	335.2	335.1	334.9	334.9	334.3	333.5	331.7	329.5
47.5	316.1	316.9	317.8	318.5	318.0	317.3	315.7	313.3	309.5	306.1
50.0	296.4	297.1	297.9	298.9	299.9	299.4	296.6	293.1	285.9	282.6
52.5	276.7	277.4	278.0	278.8	279.6	279.1	277.7	271.8	261.2	258.1
55.0	257.0	257.6	258.2	258.8	259.3	258.1	254.7	248.3	236.2	231.7
57.5	237.3	237.9	238.4	238.8	239.1	236.5	230.6	221.0	210.3	204.0
60.0	217.7	218.1	218.6	219.0	219.1	214.2	205.8	195.1	185.4	177.8
62.5	196.9	197.6	198.3	199.1	199.1	191.3	180.9	170.7	162.1	155.1
65.0	176.0	176.7	177.4	178.1	178.1	168.1	156.6	147.7	140.2	134.0
67.5	155.1	155.8	156.4	157.1	156.0	145.6	134.6	126.0	119.8	114.2
70.0	134.1	134.9	135.6	136.2	133.9	124.0	114.7	106.9	100.6	95.95
72.5	113.2	114.0	114.7	115.4	111.8	103.2	95.59	88.65	83.02	79.10
75.0	92.33	93.14	93.91	94.61	90.01	83.08	77.07	71.04	66.20	63.39
77.5	76.66	76.81	76.75	76.32	70.10	63.55	59.09	53.91	50.07	48.48
80.0	61.49	61.59	61.54	61.11	55.85	50.35	45.22	39.04	34.54	34.30
82.5	46.33	46.39	46.35	45.98	41.87	37.72	33.78	29.05	25.42	23.45
85.0	31.16	31.18	31.17	30.90	28.08	25.31	22.64	19.44	17.12	15.78
87.5	16.00	15.98	16.00	15.86	14.42	13.04	11.69	10.08	8.969	8.294
90.0	0.8309	0.7843	0.8357	0.8357	0.8357	0.8403	0.8404	0.8543	0.8917	0.9056
92.5	4.502	4.898	5.462	6.102	6.762	6.921	6.676	5.982	5.177	4.042
95.0	8.168	9.005	10.08	11.35	12.67	13.01	12.55	11.16	9.541	7.249
97.5	11.83	13.10	14.66	16.56	18.54	19.10	18.51	16.43	14.06	10.60
100.0	15.47	17.16	19.21	21.72	24.36	25.21	24.60	21.85	19.34	17.72
102.5	19.10	21.20	23.71	26.80	30.10	31.34	31.20	29.88	29.99	28.68
105.0	22.89	25.48	28.47	31.95	35.48	37.36	38.33	38.67	40.53	40.16
107.5	26.46	30.92	33.79	37.19	40.71	43.25	45.20	47.09	50.61	51.84
110.0	34.04	36.36	39.10	42.41	45.91	48.97	51.77	55.05	60.04	60.71
112.5	39.61	41.80	44.40	47.61	51.09	54.51	58.06	62.20	65.62	67.46
115.0	45.18	47.25	49.70	52.79	56.24	59.87	63.71	67.19	70.59	73.35
117.5	50.77	52.70	55.01	57.97	61.57	65.24	68.90	72.28	75.57	78.57
120.0	56.51	58.46	60.84	63.84	67.26	70.70	74.15	77.43	80.62	83.69
122.5	63.11	64.81	67.00	69.79	72.98	76.24	79.48	82.63	85.77	88.27
125.0	69.72	71.19	73.17	75.78	78.75	81.84	84.92	87.90	90.57	92.93
127.5	76.37	77.58	79.35	81.82	84.57	87.51	90.45	92.96	95.43	97.79
130.0	83.06	83.98	85.55	87.91	90.46	93.11	95.68	98.07	100.4	102.8
132.5	89.80	90.41	91.81	93.96	96.10	98.46	101.0	103.3	105.7	108.1
135.0	96.54	96.81	97.90	99.63	101.6	103.9	106.3	108.8	111.0	113.3
137.5	103.1	103.2	104.0	105.4	107.2	109.3	111.7	114.2	116.5	117.6
140.0	109.7	109.6	110.3	111.2	112.9	114.8	117.2	119.7	121.1	122.0
142.5	116.4	116.1	116.6	117.3	118.6	120.4	122.6	124.0	125.2	126.4
145.0	123.0	122.7	123.0	123.5	124.5	126.0	126.9	128.0	129.2	130.6
147.5	129.7	129.4	129.5	129.9	129.8	130.3	131.0	132.0	133.2	134.6
150.0	136.1	135.4	134.8	134.6	134.4	134.6	135.3	136.1	137.2	138.6
152.5	140.8	140.0	139.5	139.3	139.2	139.2	139.7	140.5	141.5	142.7
155.0	145.4	144.6	144.2	144.0	144.0	144.1	144.4	145.0	145.9	147.0
157.5	150.1	149.3	149.0	148.7	148.7	148.9	149.2	149.7	150.5	150.0
160.0	154.8	154.0	153.7	153.6	153.5	153.7	154.2	154.1	153.4	153.0
162.5	159.5	158.8	158.4	158.3	158.4	158.0	157.4	156.9	156.5	156.2
165.0	163.9	163.1	162.2	161.6	161.0	160.5	160.0	159.6	159.3	159.2
167.5	165.8	165.1	164.4	163.8	163.3	162.9	162.7	162.4	162.1	162.0
170.0	167.6	167.1	166.6	166.1	165.6	165.3	165.0	164.9	164.8	164.8
172.5	169.4	169.0	168.7	168.4	168.0	167.8	167.5	167.4	167.3	167.3
175.0	171.2	170.9	170.7	170.6	170.4	170.2	170.1	170.0	170.0	169.9
177.5	173.0	172.9	172.8	172.7	172.6	172.6	172.5	172.5	172.5	172.5
180.0	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

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	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	516.7	516.9	517.2	517.5	517.8	518.2	518.5	518.2	517.8	517.5
5.0	513.7	514.2	514.7	515.2	515.8	516.4	517.1	516.4	515.8	515.2
7.5	509.7	510.3	510.9	511.6	512.4	513.3	514.3	513.3	512.4	511.6
10.0	504.7	505.2	505.9	506.7	507.7	508.8	510.1	508.8	507.7	506.7
12.5	498.7	499.1	499.8	500.6	501.7	503.0	504.6	503.0	501.7	500.7
15.0	491.9	492.1	492.5	493.4	494.5	496.0	497.9	496.1	494.6	493.4
17.5	484.2	484.2	484.4	485.1	486.2	487.8	489.9	487.8	486.3	485.2
20.0	475.7	475.2	475.2	475.7	476.8	478.5	480.8	478.6	476.9	475.8
22.5	466.4	465.5	465.2	465.4	466.4	468.2	470.7	468.2	466.5	465.5
25.0	456.5	455.0	454.3	454.3	455.1	456.9	459.6	456.9	455.2	454.4
27.5	445.9	443.9	442.6	442.2	442.8	444.6	447.5	444.6	442.9	442.3
30.0	432.2	432.0	430.2	429.4	429.8	431.4	434.4	431.5	429.8	429.5
32.5	417.1	419.5	417.1	415.8	415.9	417.4	420.6	417.5	416.0	415.9
35.0	401.3	403.2	403.3	401.5	401.3	402.6	405.8	402.7	401.4	401.7
37.5	384.2	385.8	389.2	386.8	386.0	387.2	390.5	387.3	386.1	386.8
40.0	366.2	367.4	371.6	371.3	370.1	371.1	374.4	371.1	370.1	371.4
42.5	346.8	347.9	352.7	355.3	353.5	354.3	357.6	354.3	353.6	355.4
45.0	326.9	328.9	333.1	338.9	336.5	336.9	340.3	337.0	336.6	339.0
47.5	308.1	309.1	310.8	319.3	318.9	318.9	322.3	318.9	319.0	320.9
50.0	287.1	283.9	285.9	296.3	300.7	300.4	303.8	300.5	300.9	301.3
52.5	257.9	256.5	258.8	271.3	282.3	281.4	284.4	281.6	282.5	281.6
55.0	228.5	226.6	230.1	244.6	262.1	259.4	263.5	261.2	263.6	261.8
57.5	200.5	197.7	200.2	215.2	234.2	234.3	243.8	241.6	244.2	241.8
60.0	174.0	171.4	170.9	183.2	198.4	207.1	223.7	221.7	223.3	221.8
62.5	149.2	147.3	146.5	152.8	165.7	179.6	203.2	201.5	202.3	201.9
65.0	128.1	125.3	124.3	126.0	136.4	152.1	182.7	181.3	181.1	182.3
67.5	109.3	105.5	104.2	104.2	110.2	124.8	161.8	160.9	160.3	161.1
70.0	91.89	88.12	86.02	85.45	88.21	98.22	141.0	139.5	139.7	139.4
72.5	75.72	71.78	69.69	68.11	68.84	72.47	119.3	118.2	119.1	117.6
75.0	60.55	56.53	54.68	52.21	51.47	51.43	95.54	93.95	95.17	95.30
77.5	46.41	42.96	41.25	39.32	38.06	36.76	64.05	71.80	72.33	72.46
80.0	33.38	31.48	30.09	29.30	27.89	27.04	26.48	52.94	52.56	52.31
82.5	21.48	20.94	20.65	21.25	21.15	18.88	17.48	35.18	34.84	34.69
85.0	14.42	13.06	12.38	13.35	14.31	13.60	9.679	19.52	19.69	19.12
87.5	7.598	6.902	6.634	6.646	6.197	6.238	3.521	7.165	6.774	8.171
90.0	0.8963	0.8964	0.9382	0.8494	0.7375	0.5459	0.2419	0.2241	0.2473	0.2941
92.5	3.252	2.359	1.591	1.318	1.290	1.227	0.3897	0.2796	0.3106	0.3348
95.0	5.729	3.962	2.368	3.201	2.547	1.699	0.5683	0.5924	0.8600	1.203
97.5	8.440	8.244	8.083	7.759	6.863	5.935	2.958	2.985	3.102	3.686
100.0	17.72	16.52	15.02	14.16	13.20	12.36	6.282	6.325	6.466	7.107
102.5	28.05	25.51	23.01	22.47	20.83	19.69	15.69	10.10	10.53	11.51
105.0	39.14	36.04	34.79	32.33	30.89	29.12	30.18	15.71	16.19	17.30
107.5	49.96	48.07	46.83	44.55	43.81	42.31	43.21	26.16	25.63	25.76
110.0	59.54	60.47	59.02	57.79	56.35	55.39	56.48	39.90	36.61	36.35
112.5	68.16	71.77	69.58	70.84	69.08	68.70	70.22	54.93	49.34	47.62
115.0	75.57	77.90	78.22	80.01	79.25	79.65	81.21	68.68	61.93	57.73
117.5	81.31	83.03	84.76	85.69	86.17	86.31	87.81	78.98	73.52	67.50
120.0	85.83	87.96	90.11	90.78	91.82	91.92	93.48	88.18	85.35	78.02
122.5	90.48	92.85	94.62	95.43	96.87	96.80	98.42	96.38	96.49	87.00
125.0	95.26	97.66	98.90	99.98	101.3	101.4	103.0	101.7	101.5	94.75
127.5	100.1	102.2	103.1	104.5	105.4	105.6	107.3	106.1	105.6	101.7
130.0	105.2	106.4	107.5	109.0	109.5	109.8	111.6	110.3	109.7	107.9
132.5	109.8	110.7	112.0	113.6	113.7	114.1	115.9	114.5	113.9	113.5
135.0	114.2	115.3	116.6	118.1	117.9	118.4	120.2	118.8	118.2	118.2
137.5	118.6	119.9	121.4	122.3	122.2	122.7	124.6	123.2	122.5	122.4
140.0	123.1	124.5	126.1	126.4	126.4	127.1	128.9	127.5	126.7	126.5
142.5	127.7	129.2	130.7	130.4	130.6	131.2	133.1	131.7	130.9	130.5
145.0	132.1	133.8	134.5	134.4	134.6	135.3	137.2	135.8	135.0	134.5
147.5	136.2	138.0	137.9	138.1	138.5	139.2	141.0	139.7	138.8	138.3
150.0	140.2	141.0	141.0	141.2	141.7	142.5	144.3	143.1	142.1	141.5
152.5	143.8	143.7	143.8	144.1	144.7	145.4	147.2	146.1	145.1	144.5
155.0	146.7	146.6	146.6	146.9	147.5	148.2	150.0	148.9	148.0	147.3
157.5	149.7	149.6	149.7	150.0	150.5	151.2	152.9	151.8	151.0	150.4
160.0	152.8	152.7	152.8	153.1	153.6	154.3	155.9	155.0	154.2	153.6
162.5	155.9	155.9	156.0	156.3	156.7	157.3	158.9	158.1	157.3	156.8
165.0	159.1	159.1	159.2	159.5	159.9	160.4	161.9	161.2	160.5	160.1
167.5	162.0	162.0	162.2	162.5	162.9	163.4	164.8	164.1	163.6	163.1
170.0	164.8	164.9	165.0	165.3	165.6	166.0	167.3	166.8	166.3	165.9
172.5	167.3	167.5	167.6	167.9	168.1	168.5	169.8	169.4	168.9	168.4
175.0	170.0	170.0	170.1	170.2	170.4	170.6	171.6	171.4	171.1	170.8
177.5	172.5	172.6	172.6	172.7	172.8	172.9	173.9	173.8	173.8	173.8
180.0	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9	174.9

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	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	517.2	516.9	516.7	516.4	516.2	516.0	515.7	515.6	515.4	515.3
5.0	514.7	514.2	513.8	513.4	513.0	512.7	512.3	512.1	511.8	511.6
7.5	511.0	510.3	509.8	509.4	509.0	508.7	508.4	508.2	508.0	507.8
10.0	505.9	505.3	504.8	504.4	504.2	504.0	503.9	503.8	503.8	503.8
12.5	499.8	499.2	498.8	498.6	498.6	498.6	498.8	499.0	499.2	499.4
15.0	492.6	492.2	492.0	492.1	492.3	492.7	493.2	493.8	494.4	494.9
17.5	484.5	484.3	484.3	484.7	485.4	486.2	487.2	488.2	488.5	487.6
20.0	475.3	475.4	475.8	476.7	477.8	479.2	479.2	478.0	477.1	476.4
22.5	465.3	465.6	466.6	468.0	469.8	468.3	467.1	466.3	465.6	465.1
25.0	454.4	455.1	456.6	458.7	456.9	455.7	454.8	454.3	453.9	453.7
27.5	442.7	444.0	446.1	444.9	443.5	442.6	442.2	442.0	442.1	442.2
30.0	430.3	432.2	432.5	430.8	429.7	429.3	429.4	429.7	430.2	430.6
32.5	417.3	419.6	417.4	416.2	415.8	415.9	416.4	417.2	418.2	419.1
35.0	403.5	403.8	402.0	401.3	401.5	402.3	403.3	404.7	403.6	402.6
37.5	389.3	387.3	386.3	386.2	387.0	388.5	389.4	387.8	386.7	386.0
40.0	372.8	370.7	370.2	370.9	372.5	373.3	371.7	370.6	369.9	369.5
42.5	355.1	353.8	354.0	355.4	356.9	355.1	354.0	353.4	353.1	352.9
45.0	337.1	336.5	337.6	339.9	338.1	336.9	336.3	336.2	336.2	336.4
47.5	318.9	319.1	321.1	320.7	319.3	318.7	318.6	318.9	319.4	319.9
50.0	300.0	301.6	303.2	301.3	300.5	300.5	301.1	301.7	301.4	300.3
52.5	280.6	283.2	283.0	281.8	281.8	282.5	283.5	282.3	281.3	280.4
55.0	261.7	263.0	262.8	262.4	263.2	264.1	263.0	261.8	261.1	260.5
57.5	242.9	242.4	242.0	243.3	244.4	243.1	242.2	241.6	241.1	240.7
60.0	223.4	221.9	222.5	224.3	223.0	222.2	221.7	221.4	221.1	221.0
62.5	202.1	201.8	203.4	202.8	201.9	201.5	201.4	201.3	201.3	201.2
65.0	181.1	181.9	182.5	181.5	181.1	181.1	181.2	181.3	180.8	180.3
67.5	159.9	162.0	160.9	160.6	160.6	160.9	160.7	160.3	159.9	159.4
70.0	139.7	140.1	140.0	140.1	140.2	139.8	139.8	139.5	139.1	138.6
72.5	118.3	117.8	119.6	119.2	118.4	118.6	119.2	118.8	118.4	117.9
75.0	95.62	96.40	98.20	96.84	96.74	97.51	98.61	98.32	97.79	97.26
77.5	73.66	74.70	75.59	74.45	75.34	76.52	78.19	77.93	78.35	78.86
80.0	53.25	53.86	53.75	52.28	54.21	57.40	60.93	62.10	62.67	63.11
82.5	34.83	34.25	33.17	35.14	39.89	42.79	45.58	46.59	47.05	47.40
85.0	18.56	20.37	21.97	23.28	26.53	28.47	30.41	31.15	31.47	31.71
87.5	9.317	10.24	11.06	11.72	13.37	14.35	15.35	15.75	15.92	16.04
90.0	0.3874	0.3179	0.3128	0.3128	0.3128	0.3221	0.3546	0.3828	0.3782	0.3782
92.5	0.4911	0.9965	1.685	2.228	2.872	3.560	4.618	5.405	5.857	5.414
95.0	0.6657	1.780	3.131	4.200	5.482	6.874	8.957	10.46	11.35	10.43
97.5	3.822	4.087	4.718	6.287	8.189	10.34	13.44	15.58	16.87	15.41
100.0	7.698	8.660	10.25	11.06	11.51	14.02	18.15	20.81	22.42	20.34
102.5	12.57	13.75	16.80	18.61	19.67	20.65	23.80	26.21	28.02	25.19
105.0	19.54	20.81	24.00	26.53	28.05	28.28	30.62	32.48	33.55	30.20
107.5	27.81	29.50	32.05	35.00	36.69	35.95	37.36	38.81	38.85	35.38
110.0	37.19	39.29	40.47	42.95	44.69	43.56	44.17	45.20	44.09	40.54
112.5	46.94	48.96	48.17	49.79	50.70	50.74	50.76	51.56	49.22	45.68
115.0	55.98	56.13	55.75	56.30	57.24	57.14	57.51	57.69	54.32	50.80
117.5	64.07	63.48	62.57	62.77	63.36	64.14	64.47	63.45	59.64	55.91
120.0	72.11	71.28	70.50	69.36	70.36	71.39	71.01	69.00	65.39	61.85
122.5	81.17	79.54	78.61	78.08	77.71	78.98	77.41	74.59	71.18	67.88
125.0	89.92	88.66	87.69	86.14	85.31	86.44	83.40	80.26	77.01	73.95
127.5	97.85	97.77	96.78	93.62	92.61	91.78	89.10	85.99	82.90	80.07
130.0	105.2	105.2	104.1	100.6	99.32	96.94	94.38	91.64	88.86	86.22
132.5	111.5	110.3	109.2	107.0	104.7	102.3	99.74	97.08	94.58	92.34
135.0	116.5	114.9	113.6	112.6	110.1	107.7	105.2	102.6	100.2	98.11
137.5	121.3	119.5	118.2	117.0	115.7	113.2	110.6	108.1	105.9	103.9
140.0	126.0	124.2	122.7	121.4	120.3	118.7	116.1	113.7	111.6	109.9
142.5	130.6	128.9	127.3	125.9	124.5	123.2	121.7	119.4	117.5	116.0
145.0	134.5	133.6	131.8	130.1	128.6	127.2	126.0	125.0	123.4	122.3
147.5	138.0	138.0	136.0	134.2	132.7	131.3	130.2	129.4	128.8	128.8
150.0	141.1	141.0	140.1	138.3	136.8	135.6	134.6	133.9	133.6	133.6
152.5	144.0	143.8	143.7	142.5	141.2	140.1	139.2	138.6	138.5	138.5
155.0	146.9	146.7	146.7	146.9	145.7	144.7	144.0	143.6	143.4	143.3
157.5	150.0	149.8	149.8	150.0	150.4	149.6	149.0	148.6	148.3	148.2
160.0	153.2	153.0	153.0	153.1	153.5	154.0	154.0	153.5	153.2	153.2
162.5	156.4	156.2	156.2	156.3	156.6	157.0	157.4	157.9	158.3	157.7
165.0	159.7	159.5	159.5	159.5	159.6	159.8	160.1	160.5	160.4	158.6
167.5	162.8	162.5	162.4	162.4	162.4	162.5	162.6	161.8	159.8	156.2
170.0	165.6	165.4	165.1	164.9	164.3	163.5	161.7	159.5	156.7	154.8
172.5	165.9	164.9	163.8	162.6	161.2	159.6	158.1	157.1	156.8	157.5
175.0	160.5	160.2	159.8	159.3	159.3	159.7	160.2	160.7	161.4	162.1
177.5	165.5	165.5	165.6	165.7	165.9	166.1	166.2	166.5	166.7	167.0
180.0	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8

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	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	515.1	515.0	514.9	514.9	514.8	514.8	514.8	514.8	514.8	514.8
5.0	511.4	511.3	511.2	511.0	511.0	510.9	510.8	510.8	510.7	510.8
7.5	507.6	507.5	507.3	507.2	507.1	507.0	506.8	506.7	506.6	506.5
10.0	503.7	503.6	503.5	503.4	503.3	503.1	502.8	502.6	502.3	502.0
12.5	499.6	499.6	499.6	499.6	499.4	499.2	498.8	498.4	497.9	497.4
15.0	495.3	495.6	495.7	495.7	495.5	495.2	494.8	494.1	493.4	492.6
17.5	486.8	486.2	485.6	485.1	484.8	484.6	484.5	484.4	484.6	484.9
20.0	475.8	475.3	474.8	474.4	474.0	473.7	473.5	473.4	473.3	473.4
22.5	464.7	464.4	464.1	463.6	463.3	462.9	462.6	462.3	462.0	461.7
25.0	453.6	453.5	453.3	452.9	452.5	452.1	451.6	451.1	450.5	449.9
27.5	442.4	442.5	442.5	442.2	441.7	441.2	440.6	439.9	439.0	438.0
30.0	431.1	431.5	431.7	431.4	431.0	430.4	429.7	428.6	427.4	426.1
32.5	417.9	417.1	416.5	415.8	415.1	414.7	414.4	414.2	414.0	414.0
35.0	401.7	401.1	400.5	399.9	399.3	398.8	398.4	397.9	397.5	397.3
37.5	385.4	385.0	384.6	384.1	383.4	382.9	382.4	381.7	381.1	380.5
40.0	369.2	368.9	368.6	368.2	367.6	367.0	366.4	365.6	364.6	363.7
42.5	352.9	352.8	352.6	352.3	351.7	351.1	350.4	349.4	348.1	347.0
45.0	336.6	336.7	336.7	336.4	335.9	335.2	334.4	333.2	331.7	330.3
47.5	319.2	318.4	317.7	317.1	316.3	315.8	315.3	314.7	314.3	313.7
50.0	299.5	298.8	298.1	297.5	296.8	296.2	295.6	294.9	294.3	293.8
52.5	279.7	279.2	278.6	278.0	277.3	276.7	275.9	275.1	274.2	273.5
55.0	260.0	259.5	259.0	258.5	257.8	257.1	256.2	255.2	254.2	253.3
57.5	240.3	239.9	239.5	239.0	238.2	237.5	236.5	235.4	234.3	233.2
60.0	220.7	220.3	219.9	219.4	218.7	218.0	216.9	215.7	214.5	213.2
62.5	200.6	199.9	199.3	198.7	197.9	197.2	196.2	195.2	194.2	193.2
65.0	179.7	179.1	178.6	177.9	177.2	176.4	175.4	174.4	173.3	172.3
67.5	158.9	158.3	157.8	157.1	156.4	155.6	154.6	153.6	152.5	151.5
70.0	138.1	137.6	137.0	136.4	135.6	134.8	133.8	132.8	131.8	130.8
72.5	117.4	116.9	116.2	115.6	114.9	114.1	113.1	112.1	111.1	110.2
75.0	96.70	96.13	95.48	94.83	94.09	93.29	92.35	91.43	90.52	89.64
77.5	79.19	79.35	79.31	79.06	78.47	77.75	76.63	75.32	73.75	71.95
80.0	63.40	63.54	63.58	63.40	62.85	62.33	61.42	60.34	59.06	57.58
82.5	47.63	47.74	47.85	47.73	47.23	46.91	46.21	45.40	44.42	43.29
85.0	31.87	31.95	32.12	32.07	31.61	31.50	31.02	30.48	29.81	29.05
87.5	16.12	16.16	16.39	16.40	15.99	16.09	15.84	15.57	15.23	14.85
90.0	0.3782	0.3782	0.6624	0.7373	0.3742	0.6815	0.6582	0.6676	0.6676	0.6723
92.5	4.776	4.254	4.064	3.808	2.841	3.638	4.024	4.644	5.124	5.542
95.0	9.161	8.122	7.462	6.877	5.309	6.591	7.385	8.610	9.570	10.40
97.5	13.52	11.97	10.85	9.943	7.776	9.539	10.74	12.56	14.00	15.24
100.0	17.84	15.80	14.23	13.00	10.24	12.48	14.07	16.47	18.39	20.05
102.5	22.12	19.60	17.59	16.06	12.71	15.41	17.39	20.34	22.75	24.82
105.0	26.71	23.68	21.12	19.17	15.18	18.38	20.90	24.54	27.50	29.92
107.5	31.96	29.05	26.62	24.83	20.53	23.89	26.67	30.22	33.04	35.32
110.0	37.21	34.42	32.13	30.49	25.89	29.40	32.41	35.90	38.58	40.73
112.5	42.44	39.80	37.63	36.16	31.25	34.90	38.12	41.58	44.13	46.17
115.0	47.68	45.18	43.13	41.83	36.61	40.40	43.79	47.26	49.69	51.63
117.5	52.92	50.56	48.65	47.50	41.96	45.90	49.41	52.97	55.26	57.13
120.0	58.76	56.31	54.35	53.22	47.32	51.48	55.25	59.19	61.71	63.77
122.5	65.00	62.74	61.01	60.15	54.16	58.76	62.63	66.32	68.76	70.55
125.0	71.25	69.19	67.70	67.07	61.01	66.00	70.03	73.47	75.84	77.41
127.5	77.50	75.65	74.42	73.91	67.85	73.01	77.47	80.62	82.96	84.39
130.0	83.78	82.13	81.18	80.34	74.69	79.18	84.88	87.79	90.11	91.48
132.5	90.11	88.64	87.98	86.51	81.53	84.77	92.29	95.00	97.26	98.63
135.0	96.30	95.11	94.79	92.35	88.37	89.72	99.61	102.1	104.2	105.6
137.5	102.5	101.6	101.5	97.00	94.66	93.79	106.4	109.2	111.1	112.5
140.0	108.9	108.1	108.1	101.7	101.0	98.50	113.0	116.2	118.0	119.5
142.5	115.3	114.7	114.8	106.5	107.2	103.9	119.3	123.1	125.0	126.5
145.0	121.8	121.4	121.0	111.0	113.5	110.6	123.7	130.0	132.0	133.5
147.5	128.3	128.2	126.9	115.3	119.8	118.1	126.5	137.0	139.0	140.5
150.0	133.8	134.3	132.0	119.5	126.1	126.1	127.9	142.0	143.7	144.5
152.5	138.7	138.8	133.6	123.6	130.5	132.5	130.3	143.7	146.1	148.5
155.0	143.5	142.7	135.5	128.1	134.9	138.7	134.0	144.9	147.0	151.8
157.5	148.2	145.5	138.0	133.5	139.2	143.8	139.7	144.8	148.2	153.0
160.0	152.2	147.1	141.7	139.2	143.6	147.9	146.8	144.6	150.3	151.6
162.5	154.6	148.3	145.8	144.5	148.0	151.9	154.3	149.6	151.8	152.6
165.0	154.0	150.0	150.3	149.4	152.4	155.8	159.9	156.2	152.4	155.2
167.5	152.8	152.5	153.4	152.6	155.8	157.3	160.9	159.9	157.0	156.2
170.0	154.7	155.6	156.3	156.5	159.2	159.9	161.6	161.7	160.5	159.4
172.5	158.4	159.3	159.6	160.7	162.6	162.8	163.1	163.3	162.6	161.9
175.0	162.6	163.0	163.7	164.8	166.0	165.9	165.9	165.6	165.0	164.4
177.5	167.4	167.8	168.3	168.8	169.4	169.2	169.2	169.1	169.0	168.9
180.0	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8

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	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7	518.7
2.5	514.9	515.0	515.1	515.2	515.4	515.6	515.8	516.0	516.2	516.5
5.0	510.8	510.9	511.0	511.1	511.3	511.6	511.9	512.3	512.7	513.2
7.5	506.4	506.4	506.4	506.5	506.6	506.8	507.1	507.5	508.0	508.6
10.0	501.8	501.5	501.3	501.2	501.1	501.2	501.3	501.6	502.1	502.7
12.5	496.8	496.3	495.7	495.2	494.8	494.6	494.5	494.6	495.0	495.6
15.0	491.6	490.6	489.6	488.7	487.9	487.3	486.9	486.8	487.0	487.5
17.5	485.4	484.6	483.1	481.6	480.4	479.3	478.5	477.9	477.9	478.3
20.0	473.6	473.9	474.6	474.1	472.2	470.5	469.2	468.3	467.8	468.0
22.5	461.5	461.6	461.9	462.6	463.5	461.2	459.2	457.8	457.0	456.8
25.0	449.4	449.0	449.0	449.2	449.9	451.2	448.7	446.6	445.3	444.8
27.5	437.1	436.3	435.7	435.5	435.9	436.8	437.5	434.8	432.9	432.0
30.0	424.7	423.4	422.2	421.6	421.4	421.9	423.1	422.4	419.9	418.3
32.5	412.1	410.3	408.7	407.4	406.6	406.5	407.4	409.2	406.2	404.2
35.0	397.3	397.2	395.0	393.1	391.6	391.0	391.2	392.6	392.0	389.4
37.5	380.1	380.0	380.4	378.6	376.5	375.1	374.7	375.6	377.4	373.9
40.0	362.9	362.5	362.3	362.9	361.1	359.1	358.0	358.1	359.8	357.8
42.5	345.8	344.9	344.4	344.0	344.9	342.9	340.9	340.2	341.4	341.4
45.0	328.8	327.4	326.5	325.2	325.6	326.6	323.7	322.3	322.9	324.6
47.5	311.9	310.0	307.7	306.4	306.2	306.9	306.5	304.3	303.9	305.9
50.0	293.6	292.8	289.2	287.8	286.9	286.9	288.0	286.1	284.7	286.0
52.5	273.0	272.9	271.3	269.4	267.7	267.0	267.4	267.7	265.4	264.4
55.0	252.6	251.4	250.5	250.7	248.9	247.3	246.8	247.9	245.5	244.3
57.5	232.2	230.4	229.8	229.5	229.8	227.8	226.5	226.6	226.5	224.2
60.0	212.0	210.3	209.3	208.5	208.3	208.6	206.4	205.5	206.7	204.0
62.5	191.9	190.3	188.9	187.9	187.1	187.0	186.7	184.9	184.9	184.0
65.0	171.3	170.2	168.8	167.4	166.3	165.6	165.6	164.6	163.5	164.1
67.5	150.4	149.4	148.4	147.2	145.7	144.6	144.2	144.5	142.7	142.4
70.0	129.8	128.7	127.7	126.6	125.5	124.2	123.2	122.9	122.7	120.9
72.5	109.2	108.3	107.3	106.3	105.3	104.1	102.9	102.1	102.2	100.7
75.0	88.81	88.04	87.23	86.37	85.49	84.48	83.33	82.21	81.70	81.71
77.5	69.93	67.96	67.35	66.74	66.12	65.41	64.52	63.44	62.46	62.26
80.0	55.93	54.04	51.84	49.34	47.12	46.85	46.42	45.77	44.72	43.99
82.5	42.04	40.57	38.87	36.96	34.74	32.23	29.31	28.95	28.60	27.80
85.0	28.21	27.21	26.07	24.77	23.26	21.52	19.50	17.10	14.19	13.67
87.5	14.44	13.93	13.36	12.72	11.96	11.07	10.03	8.791	7.267	5.291
90.0	0.6816	0.6909	0.7142	0.7423	0.7470	0.7469	0.7469	0.7469	0.7469	0.7517
92.5	5.719	5.142	4.590	4.018	3.335	2.701	2.112	1.521	1.069	0.9009
95.0	10.76	9.621	8.508	7.338	5.980	4.721	3.552	2.386	1.455	1.813
97.5	15.83	14.16	12.51	10.75	8.736	6.868	5.140	4.778	4.595	4.254
100.0	20.92	18.78	16.63	14.28	12.11	11.27	10.33	9.426	8.477	7.997
102.5	26.05	23.59	21.93	20.92	20.38	18.07	16.16	14.46	13.55	13.01
105.0	31.47	29.97	29.02	28.74	29.02	25.44	22.58	21.17	20.14	18.90
107.5	36.91	36.26	36.00	36.50	37.49	33.51	31.21	30.51	28.16	26.52
110.0	42.35	42.46	42.84	44.09	45.72	42.22	40.95	42.10	38.35	36.78
112.5	47.78	48.53	49.53	51.25	51.73	50.40	50.03	53.60	49.34	51.13
115.0	53.21	54.42	55.73	56.83	57.50	57.69	58.20	59.94	59.27	61.13
117.5	58.92	60.42	61.59	62.56	63.33	63.73	64.57	65.12	65.96	66.66
120.0	65.27	66.55	67.59	68.42	69.25	69.78	69.72	70.11	71.30	71.55
122.5	71.77	72.81	73.70	74.47	75.25	75.52	75.41	75.60	76.08	76.28
125.0	78.42	79.22	80.02	80.70	81.07	81.33	81.57	81.77	81.42	81.62
127.5	85.24	85.77	86.48	86.82	87.08	87.35	87.89	88.04	87.50	87.76
130.0	92.21	92.50	92.84	93.14	93.39	93.71	94.23	94.13	93.91	94.39
132.5	99.13	99.29	99.44	99.74	99.98	100.4	100.4	100.1	100.4	101.2
135.0	106.1	106.3	106.3	106.5	106.9	107.2	106.6	106.4	106.9	107.6
137.5	113.1	113.4	113.4	113.6	114.0	113.4	112.9	113.0	113.6	113.5
140.0	120.2	120.6	120.9	120.9	120.4	119.8	119.5	119.7	120.5	119.5
142.5	127.4	127.9	128.4	127.6	126.8	126.2	126.2	126.6	127.2	125.5
145.0	134.6	135.1	134.5	134.0	133.4	132.0	133.0	133.5	132.9	130.8
147.5	140.4	140.1	139.6	140.1	140.0	139.9	140.0	140.6	138.6	136.8
150.0	144.1	145.4	144.8	145.3	146.4	146.7	147.2	146.5	144.5	143.2
152.5	148.4	148.4	150.3	150.0	151.3	153.2	153.6	152.4	151.4	150.5
155.0	152.9	151.8	154.1	155.5	155.6	156.5	157.6	157.2	156.8	156.7
157.5	156.9	157.3	155.7	158.9	161.7	159.1	159.2	159.2	160.1	160.5
160.0	158.8	161.6	161.9	159.6	158.7	161.9	161.6	160.7	161.8	162.5
162.5	156.1	162.7	164.1	163.5	161.9	159.6	158.8	161.1	161.7	162.1
165.0	155.2	157.7	162.1	163.9	164.1	163.0	163.4	161.8	160.5	160.0
167.5	158.2	158.3	157.9	161.2	163.3	164.2	164.3	164.3	164.4	164.4
170.0	159.1	160.8	161.5	161.5	161.4	162.0	163.5	164.5	164.9	165.1
172.5	161.7	161.9	162.6	163.6	164.8	165.6	165.6	165.8	166.0	166.4
175.0	163.7	163.0	163.0	163.4	163.8	164.5	165.3	166.1	166.9	167.8
177.5	168.3	167.8	167.2	166.7	166.3	165.9	165.7	165.5	165.3	165.2
180.0	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8	172.8

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	518.7	518.7
2.5	516.8	517.1
5.0	513.7	514.3
7.5	509.3	510.1
10.0	503.5	504.5
12.5	496.5	497.7
15.0	488.4	489.7
17.5	479.2	480.5
20.0	468.7	470.2
22.5	457.4	458.7
25.0	445.2	446.5
27.5	432.1	433.4
30.0	418.2	419.4
32.5	403.7	404.7
35.0	388.4	389.2
37.5	372.4	372.9
40.0	355.9	356.0
42.5	338.8	338.7
45.0	321.3	320.7
47.5	303.2	302.2
50.0	284.1	282.6
52.5	264.4	263.1
55.0	245.4	243.3
57.5	225.7	223.3
60.0	204.5	202.9
62.5	183.3	182.4
65.0	162.0	161.7
67.5	140.8	141.1
70.0	120.2	120.8
72.5	100.3	100.7
75.0	80.32	80.15
77.5	61.26	60.71
80.0	44.12	42.85
82.5	27.34	26.69
85.0	13.17	13.11
87.5	2.469	2.404
90.0	0.7423	0.7236
92.5	0.8201	0.8616
95.0	1.484	1.353
97.5	3.958	3.776
100.0	7.779	7.457
102.5	12.34	12.01
105.0	18.06	17.77
107.5	25.50	25.36
110.0	35.21	34.85
112.5	48.67	48.12
115.0	60.26	61.05
117.5	67.17	66.74
120.0	72.41	71.02
122.5	77.31	76.19
125.0	82.13	81.06
127.5	87.67	86.90
130.0	93.56	92.23
132.5	100.2	99.50
135.0	106.4	106.2
137.5	112.1	111.8
140.0	118.2	117.5
142.5	124.8	124.8
145.0	129.5	129.2
147.5	135.6	135.1
150.0	142.4	142.2
152.5	149.8	149.6
155.0	157.0	157.6
157.5	161.0	161.7
160.0	163.0	163.9
162.5	162.3	162.6
165.0	159.8	159.7
167.5	164.4	164.4
170.0	165.2	165.3
172.5	166.8	167.4
175.0	168.5	169.2
177.5	165.2	165.2
180.0	172.8	172.8

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: