

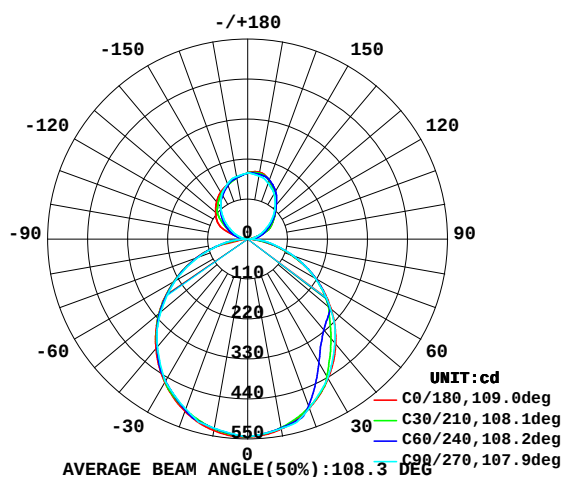
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

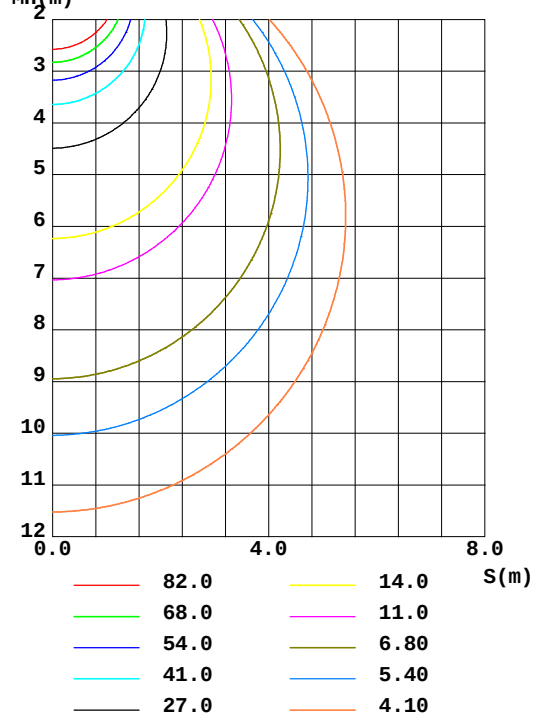
EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.79 lm/W			
MODEL		I _{max} (cd)	544.4	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)	1944.2	η UP, DN(C0-180)	12.6, 36.7
NOMINAL FLUX(lm)	1944.21	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.1, 38.6
LAMPS INSIDE	1	η up(%)	24.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	75.3	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



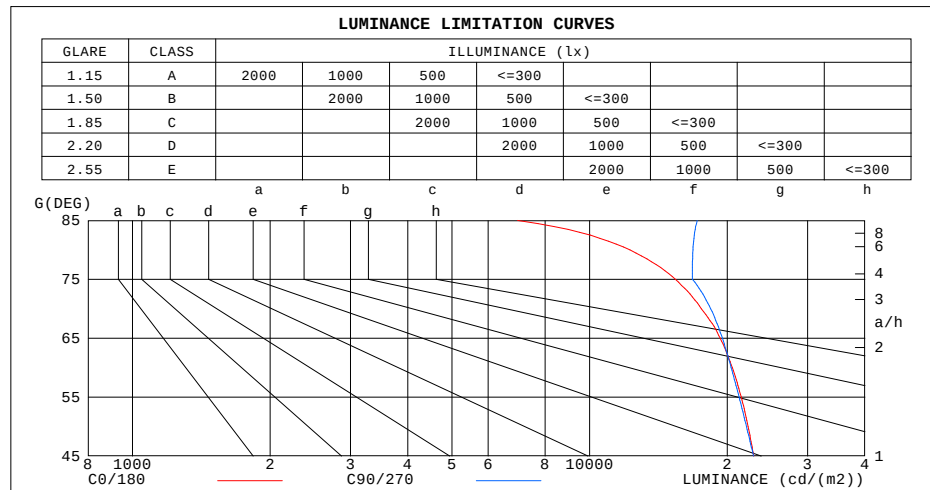
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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	540.4	536.9	536.8	538.4	542.6	538.1	536.4	536.5	0- 5	12.92	12.92	0.66, 0.66
10	530.7	526.9	529.4	529.7	535.2	529.2	528.5	526.2	5- 10	38.15	51.07	2.63, 2.63
15	515.6	514.3	522.0	518.2	522.4	517.3	520.6	513.3	10- 15	62.04	113.1	5.82, 5.82
20	495.6	499.1	495.1	504.4	504.5	503.3	498.0	498.2	15- 20	83.66	196.8	10.1, 10.1
25	471.3	457.2	468.2	479.9	482.3	478.5	475.5	472.2	20- 25	101.6	298.4	15.3, 15.3
30	443.0	405.8	441.2	453.0	456.0	450.8	452.9	443.2	25- 30	115.6	414.0	21.3, 21.3
35	411.2	360.9	407.2	425.0	426.1	422.3	419.6	413.3	30- 35	125.4	539.4	27.7, 27.7
40	376.6	328.9	373.2	394.6	393.2	391.8	386.3	381.6	35- 40	130.9	670.4	34.5, 34.5
45	339.5	316.5	339.1	352.9	357.3	353.9	353.1	342.7	40- 45	132.4	802.8	41.3, 41.3
50	299.9	290.4	297.5	310.9	319.2	315.6	312.1	302.8	45- 50	130.0	932.8	48, 48
55	258.6	261.0	255.9	263.2	278.1	277.5	271.1	263.7	50- 55	123.0	1056	54.3, 54.3
60	215.5	216.0	214.2	206.9	235.2	233.5	230.2	219.4	55- 60	111.3	1167	60, 60
65	171.4	172.2	173.3	156.9	192.2	190.3	186.5	176.2	60- 65	95.75	1263	65, 65
70	126.2	129.7	132.3	113.7	148.5	146.8	142.8	133.5	65- 70	77.59	1340	68.9, 68.9
75	83.74	88.54	91.27	75.70	100.8	102.4	99.12	91.20	70- 75	57.87	1398	71.9, 71.9
80	44.71	50.80	61.38	41.76	28.03	60.21	66.29	52.34	75- 80	38.00	1436	73.9, 73.9
85	12.75	26.48	31.49	21.10	10.64	29.85	33.47	26.55	80- 85	21.12	1457	75, 75
90	1.130	2.703	1.597	1.489	4.556	0.3221	0.6403	1.326	85- 90	7.061	1464	75.3, 75.3
95	1.977	10.39	8.327	12.03	0.4282	7.072	6.882	7.638	90- 95	2.370	1467	75.4, 75.4
100	8.650	18.49	15.06	23.04	6.272	14.34	13.12	14.33	95-100	6.087	1473	75.8, 75.8
105	19.02	33.77	21.79	40.54	30.77	29.41	19.37	29.00	100-105	11.59	1485	76.4, 76.4
110	36.39	49.44	33.96	57.62	58.50	45.35	31.26	44.38	105-110	18.85	1503	77.3, 77.3
115	64.26	61.63	46.13	70.40	84.03	59.61	43.15	56.94	110-115	26.55	1530	78.7, 78.7
120	75.13	72.05	58.31	81.22	96.79	74.31	55.04	68.23	115-120	32.13	1562	80.3, 80.3
125	85.15	83.41	73.50	92.37	106.6	90.12	70.43	80.19	120-125	36.29	1598	82.2, 82.2
130	96.75	95.47	88.70	103.0	115.5	101.3	85.81	92.90	125-130	39.55	1638	84.2, 84.2
135	109.5	108.4	103.9	114.1	124.5	112.3	101.2	106.2	130-135	41.77	1680	86.4, 86.4
140	122.0	122.4	117.9	125.5	133.5	123.6	115.2	120.5	135-140	42.79	1722	88.6, 88.6
145	134.8	135.5	132.0	134.2	142.1	132.4	129.2	133.9	140-145	42.59	1765	90.8, 90.8
150	147.8	148.7	146.0	142.6	149.4	140.9	143.3	146.0	145-150	41.24	1806	92.9, 92.9
155	160.7	163.4	155.3	151.9	155.2	150.3	152.7	162.4	150-155	38.23	1845	94.9, 94.9
160	172.3	176.3	164.6	161.3	161.4	159.8	162.2	174.4	155-160	33.79	1878	96.6, 96.6
165	183.1	180.9	173.9	167.2	167.6	165.7	171.7	178.7	160-165	27.98	1906	98, 98
170	187.2	182.9	177.0	172.8	173.2	171.3	175.1	181.1	165-170	20.80	1927	99.1, 99.1
175	186.3	183.5	180.0	178.1	177.7	176.7	178.5	182.0	170-175	12.79	1940	99.8, 99.8
180	183.1	183.1	183.1	183.1	181.9	181.9	181.9	181.9	175-180	4.329	1944	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m ²)		
G (DEG)	C0/180	C90/270
85	6964	17204
80	12260	16832
75	15406	16793
70	17569	18415
65	19311	19522
60	20523	20404
55	21469	21243
50	22217	22039
45	22862	22837

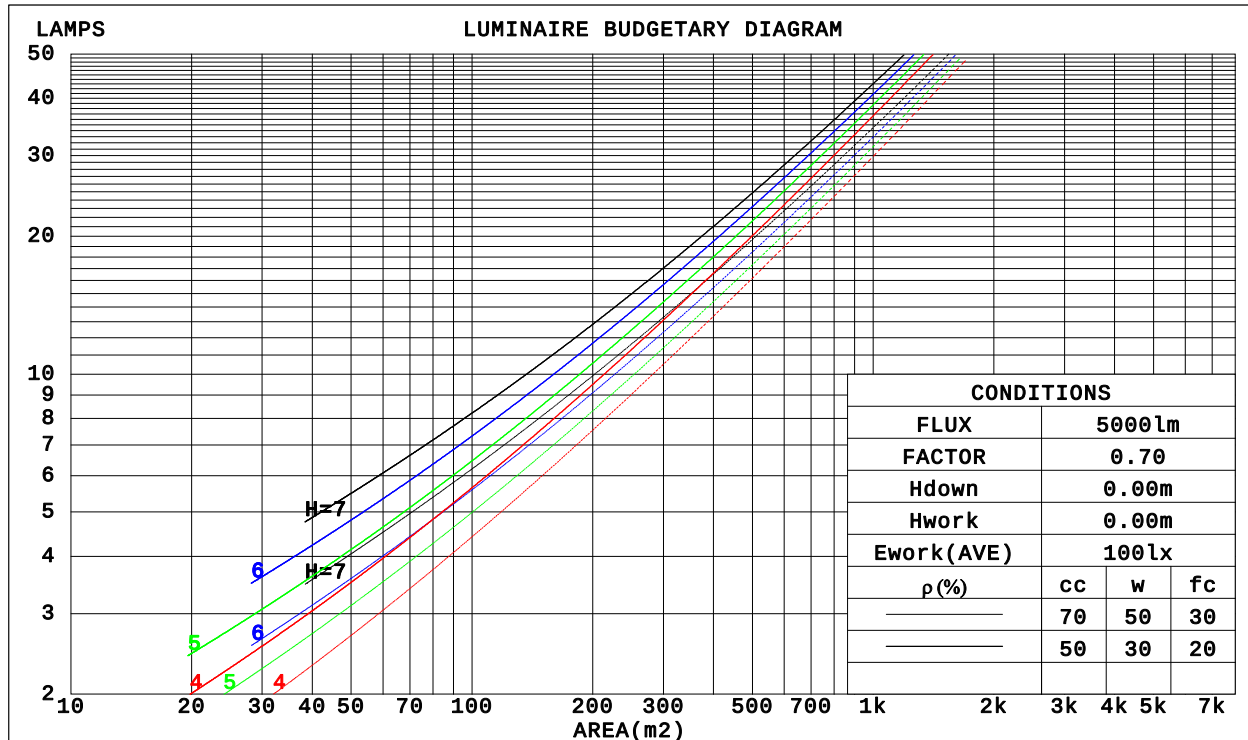
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	.68	.67	.63
2.0	.86	.80	.74	.82	.76	.71	.75	.70	.66	.68	.64	.61	.62	.59	.56	.53
3.0	.76	.68	.62	.72	.65	.60	.66	.60	.56	.60	.55	.52	.54	.51	.48	.45
4.0	.67	.59	.52	.64	.57	.51	.59	.52	.47	.53	.48	.44	.49	.44	.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	.31	.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	.21	.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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	.294	.167	.053	.279	.159	.051	.252	.145	.046	.227	.131	.042	.204	.118	.038		
2.0	.275	.151	.046	.262	.144	.044	.238	.132	.041	.215	.121	.038	.194	.110	.035		
3.0	.255	.136	.041	.243	.130	.039	.221	.120	.036	.200	.110	.034	.181	.100	.031		
4.0	.236	.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	.083	.024	.151	.077	.022	.137	.071	.021		
8.0	.177	.086	.024	.169	.083	.024	.155	.077	.022	.141	.072	.021	.128	.066	.019		
9.0	.166	.080	.022	.159	.077	.022	.145	.072	.020	.133	.067	.019	.121	.061	.018		
10.0	.156	.075	.021	.150	.072	.020	.137	.067	.019	.125	.062	.018	.114	.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	.221	.221	.221	.127	.127	.127	.041	.041	.041	
1.0	.369	.346	.325	.316	.297	.280	.216	.204	.194	.124	.118	.113	.040	.038	.036	
2.0	.361	.323	.291	.309	.278	.251	.212	.192	.175	.122	.112	.103	.039	.036	.033	
3.0	.353	.306	.268	.303	.264	.233	.208	.183	.163	.120	.107	.096	.039	.035	.032	
4.0	.346	.293	.253	.297	.253	.220	.204	.177	.155	.118	.103	.092	.038	.034	.030	
5.0	.339	.283	.242	.291	.245	.211	.201	.171	.149	.116	.101	.088	.037	.033	.029	
6.0	.332	.276	.235	.286	.239	.204	.197	.167	.145	.114	.098	.086	.037	.032	.028	
7.0	.326	.269	.229	.281	.233	.200	.194	.163	.141	.113	.096	.084	.036	.032	.028	
8.0	.320	.264	.225	.276	.229	.196	.191	.160	.139	.111	.095	.083	.036	.031	.027	
9.0	.314	.259	.221	.271	.225	.193	.188	.158	.137	.109	.093	.082	.035	.031	.027	
10.0	.309	.255	.219	.266	.221	.191	.185	.156	.136	.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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	2H	21.7	22.9	22.3	23.4	24.1	21.6	22.7	22.1	23.3	24.0
	3H	23.0	24.1	23.6	24.7	25.4	23.0	24.1	23.6	24.7	25.4
	4H	23.5	24.5	24.1	25.1	25.8	23.6	24.6	24.2	25.2	25.9
	6H	23.8	24.7	24.4	25.4	26.1	24.0	24.9	24.7	25.6	26.3
	8H	23.8	24.7	24.5	25.4	26.2	24.2	25.1	24.8	25.7	26.5
	12H	23.8	24.7	24.5	25.4	26.1	24.3	25.2	25.0	25.8	26.6
4H	2H	22.2	23.2	22.9	23.9	24.6	22.1	23.2	22.8	23.8	24.5
	3H	23.7	24.6	24.4	25.3	26.0	23.8	24.6	24.4	25.3	26.1
	4H	24.3	25.1	25.0	25.8	26.6	24.4	25.2	25.1	25.9	26.7
	6H	24.7	25.4	25.4	26.1	27.0	25.0	25.7	25.7	26.4	27.2
	8H	24.8	25.4	25.5	26.2	27.0	25.2	25.9	26.0	26.6	27.5
	12H	24.8	25.4	25.6	26.1	27.0	25.4	26.0	26.2	26.7	27.6
8H	4H	24.5	25.1	25.2	25.9	26.7	24.6	25.2	25.3	26.0	26.8
	6H	25.0	25.5	25.8	26.3	27.2	25.3	25.8	26.1	26.6	27.5
	8H	25.2	25.6	25.9	26.4	27.3	25.7	26.1	26.4	26.9	27.8
	12H	25.2	25.6	26.0	26.4	27.4	26.0	26.3	26.8	27.1	28.1
12H	4H	24.5	25.1	25.2	25.8	26.7	24.6	25.2	25.3	25.9	26.8
	6H	25.0	25.5	25.8	26.3	27.2	25.3	25.8	26.1	26.6	27.5
	8H	25.2	25.6	26.0	26.4	27.4	25.7	26.1	26.5	26.9	27.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.1					
1.5H	+ 0.3 / - 0.2					+ 0.3 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 1944 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
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 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:

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 lm		
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MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

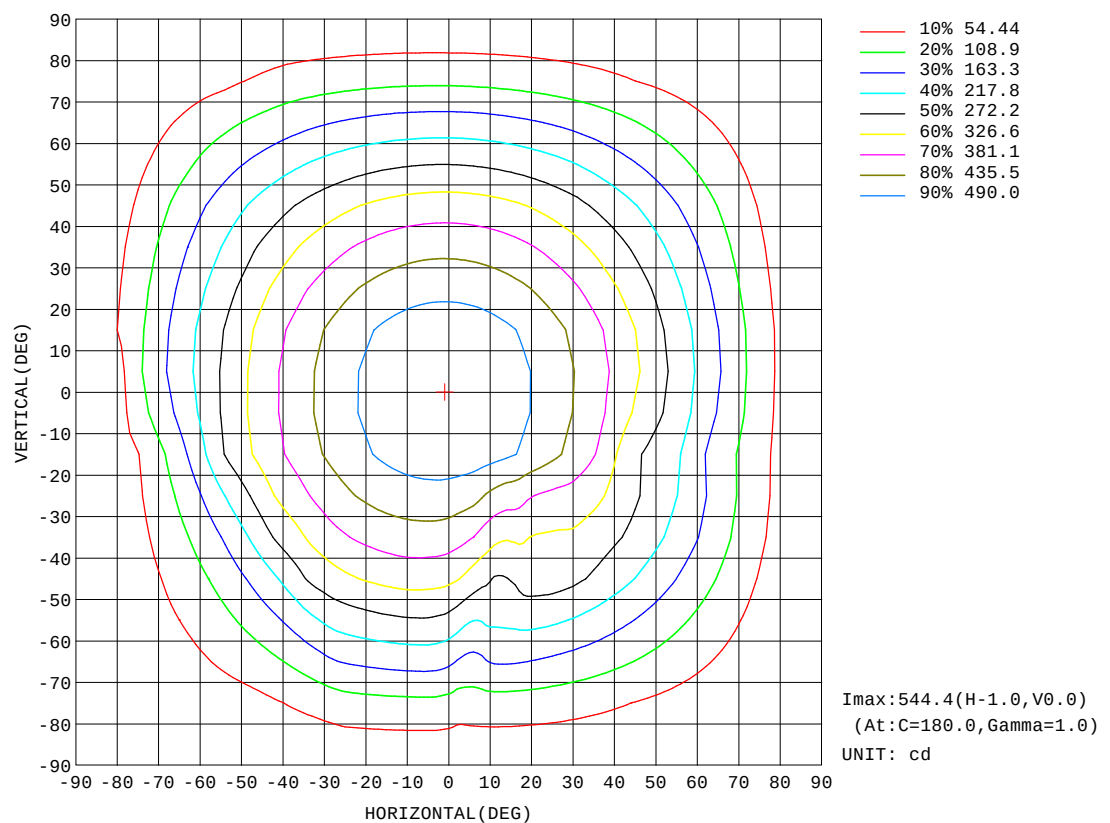
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	40	33	50	39	33	47	38	32	25
0.80	61	50	42	59	48	42	55	46	40	32
1.00	69	58	51	67	56	50	62	55	47	38
1.25	76	65	58	73	64	57	68	60	54	44
1.50	81	71	64	78	69	62	72	64	59	47
2.00	88	79	73	84	76	70	77	71	66	53
2.50	92	84	78	88	81	75	80	75	70	56
3.00	96	88	83	91	85	80	83	78	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		

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ISOCANDELA DIAGRAM

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SPEC.:	DIM.: 640*33*55	SERIAL No.:
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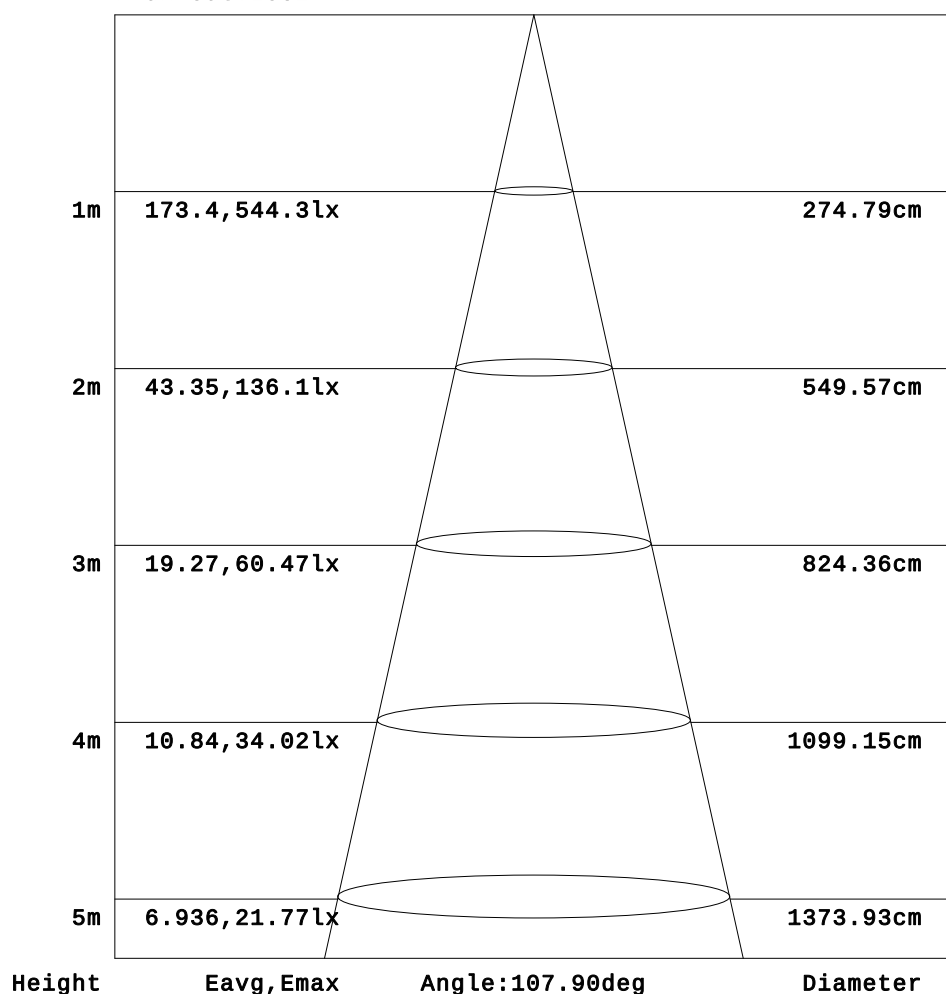
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Remarks:

AAI Figure

Test:U:120.3V I:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:1032 lm



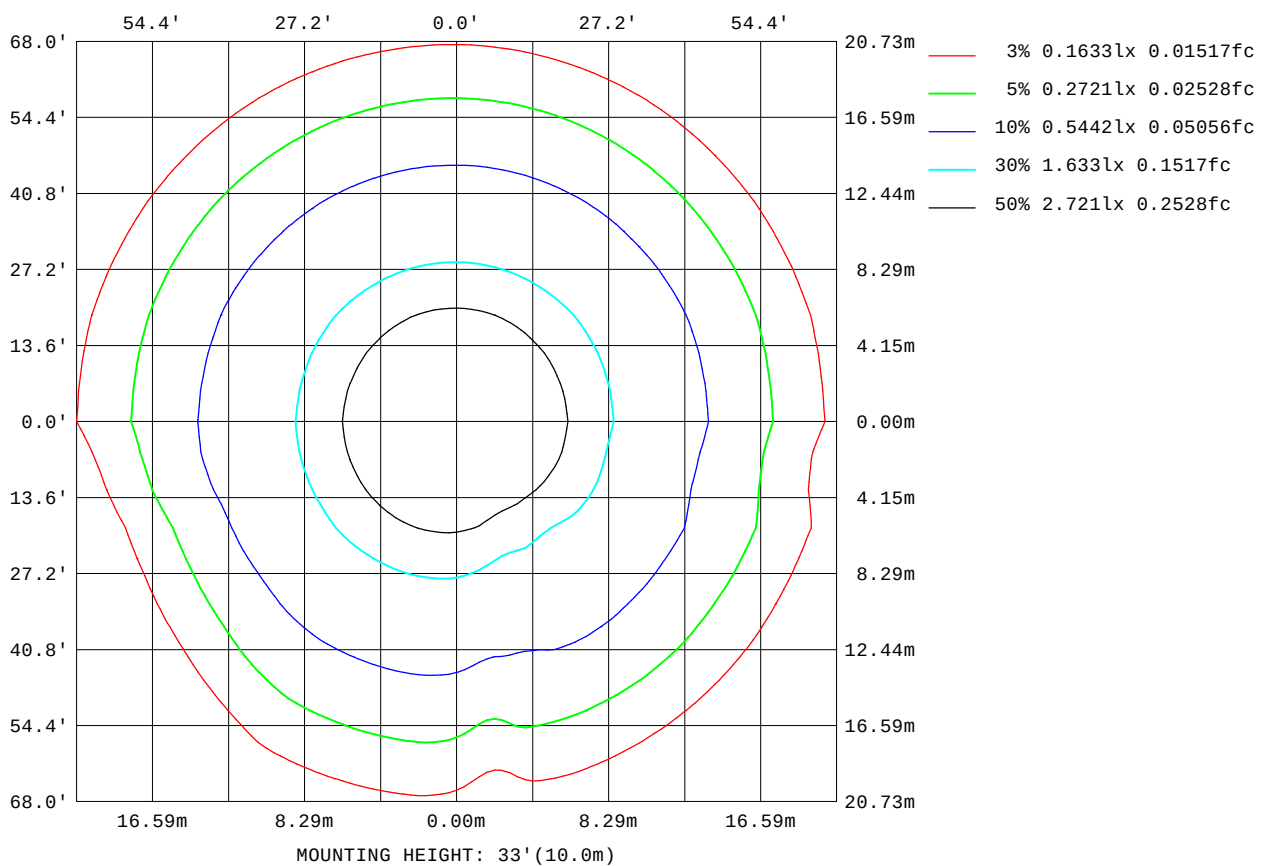
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

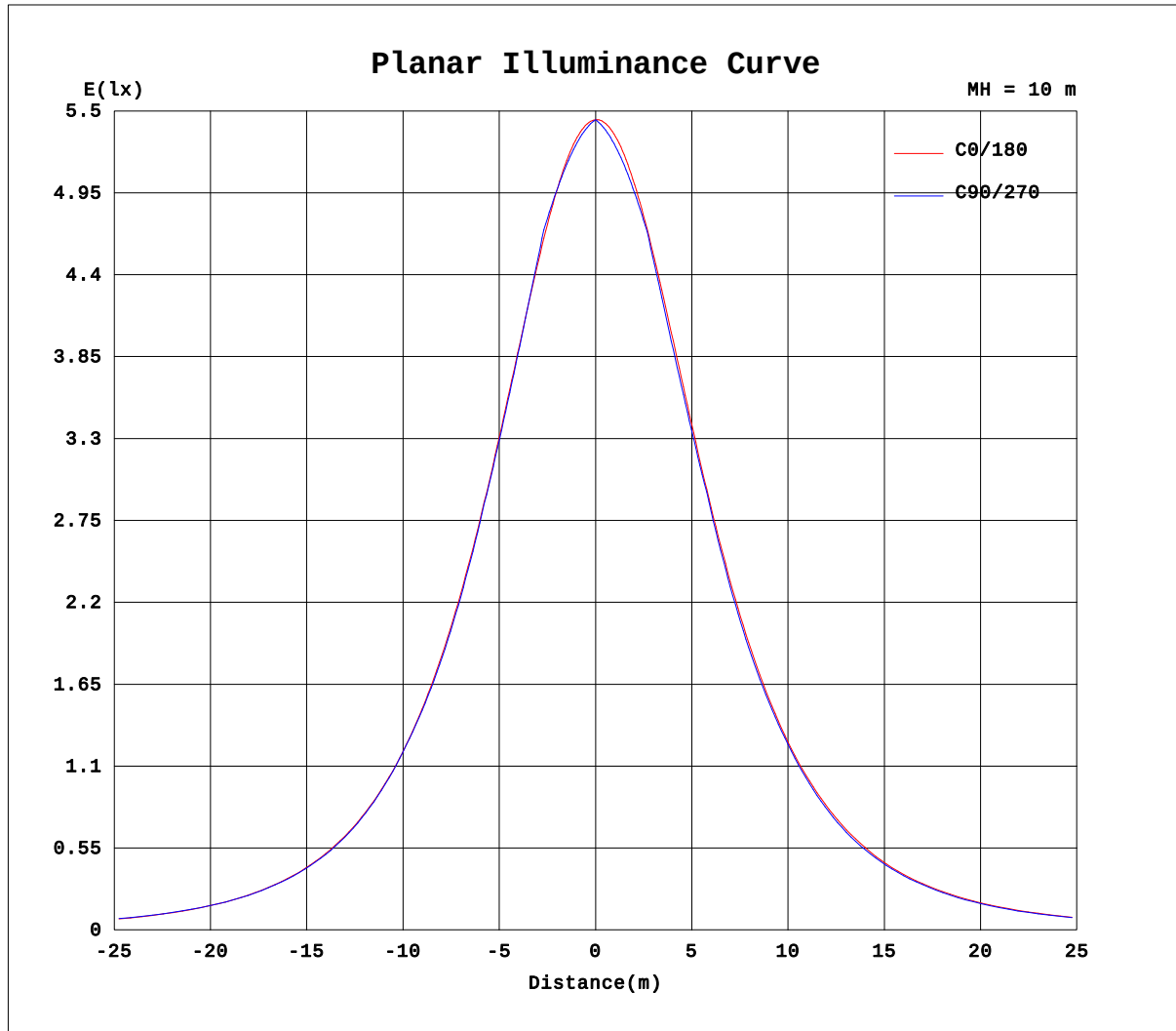
AvgL	cd/m2
L_0~180(65)av	20485
L_0~180(75)av	16973
L_0~180(85)av	6389
L_90~270(65)av	20267
L_90~270(75)av	17514
L_90~270(85)av	17744
L_45(65)av	19595
L_45(75)av	16459
L_45(85)av	14202

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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544
5	540	540	539	539	538	538	538	537	537	537	537	537	537	537	537	537	537	537	537
10	531	530	529	528	527	527	527	527	527	527	527	527	528	528	528	529	529	529	529
15	516	514	513	512	512	511	512	512	513	514	515	517	518	519	520	520	521	522	522
20	496	493	492	491	491	492	493	495	497	499	497	492	489	489	490	491	492	493	495
25	471	468	466	466	466	467	470	473	464	457	451	444	441	442	448	456	460	464	468
30	443	439	437	436	437	439	436	426	415	406	400	399	392	391	398	415	428	434	441
35	411	406	403	402	404	402	395	385	373	361	349	343	353	347	351	366	386	397	407
40	377	366	359	358	362	360	356	351	343	329	325	323	326	321	312	322	341	360	373
45	339	323	310	302	309	316	320	318	316	316	312	311	310	303	282	279	296	322	339
50	300	283	270	266	273	285	290	288	288	290	295	298	294	285	261	252	257	275	297
55	259	245	236	239	248	257	254	254	257	261	260	259	256	252	241	232	224	228	256
60	215	199	194	207	217	215	215	217	216	216	216	217	216	216	215	213	197	182	214
65	171	151	154	173	172	172	172	172	172	172	173	174	174	175	176	175	164	149	173
70	126	111	121	128	129	128	128	128	129	130	131	131	132	133	133	133	127	117	132
75	83.7	77.3	86.0	85.9	85.6	85.7	86.5	87.2	87.9	88.5	89.2	89.8	90.4	90.9	91.1	90.5	88.7	84.6	91.3
80	44.7	46.1	47.4	46.8	47.3	47.9	48.3	48.4	48.5	50.8	53.3	55.5	57.3	58.8	59.8	60.1	59.5	57.0	61.4
85	12.7	15.8	15.0	15.2	15.4	18.5	21.0	23.1	24.9	26.5	27.8	28.8	29.7	30.5	31.0	31.1	30.7	29.4	31.5
90	1.13	2.94	2.94	2.94	2.93	2.91	2.89	2.83	2.77	2.70	2.61	2.49	2.37	2.23	2.18	2.05	1.94	1.79	1.60
95	1.98	3.76	3.89	4.27	4.00	5.24	6.52	7.75	9.06	10.4	11.6	12.8	13.9	12.8	11.5	10.1	8.98	8.68	8.33
100	8.65	10.2	10.9	11.2	11.8	13.0	14.2	15.4	16.3	18.5	21.0	23.4	25.4	23.3	20.6	18.1	16.0	15.6	15.1
105	19.0	20.5	21.5	22.7	24.3	25.8	27.6	31.0	34.5	33.8	33.9	35.1	36.2	33.5	29.9	26.3	23.2	22.5	21.8
110	36.4	38.3	39.5	41.8	43.8	48.6	46.6	49.3	51.9	49.4	47.7	47.0	46.0	43.6	40.7	37.6	35.6	34.8	34.0
115	64.3	65.0	65.1	66.0	64.9	65.3	63.7	63.5	62.8	61.6	60.1	57.8	55.9	53.8	51.6	49.1	48.2	47.0	46.1
120	75.1	75.4	76.2	75.8	75.9	75.1	74.6	74.3	73.3	72.1	71.0	69.4	67.6	65.6	63.5	61.3	61.0	59.4	58.3
125	85.2	85.0	86.0	85.6	85.6	85.9	85.2	84.6	83.9	83.4	82.7	81.8	80.7	79.3	78.0	77.2	76.7	74.9	73.5
130	96.7	96.1	96.6	96.9	96.5	96.7	96.7	96.2	95.8	95.5	95.2	94.9	94.4	93.5	93.1	93.3	92.3	90.5	88.7
135	109	108	108	109	109	108	109	109	109	108	108	108	108	108	109	109	108	106	104
140	122	121	121	121	122	121	121	121	122	122	123	123	123	124	125	124	122	120	118
145	135	134	133	134	135	135	134	134	135	135	136	138	139	140	140	138	136	134	132
150	148	147	146	146	147	148	148	148	148	149	150	152	153	154	153	152	150	148	146
155	161	160	159	159	159	159	161	162	163	163	164	165	165	164	162	161	159	157	155
160	172	171	171	171	171	172	173	174	175	176	176	175	174	172	171	169	168	166	165
165	183	182	182	182	181	181	181	181	181	181	181	180	180	179	178	177	176	175	174
170	187	187	186	186	185	185	184	184	183	183	182	182	181	181	180	179	178	178	177
175	186	186	186	185	185	185	185	184	184	183	183	183	182	182	182	181	181	180	180
180	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544
5	537	537	537	537	537	538	538	538	538	539	539	539	540	540	541	541	542	543	542
10	530	530	530	530	530	530	530	530	530	530	530	530	531	531	532	533	534	535	534
15	522	522	522	521	521	520	520	519	518	518	517	517	517	518	518	519	521	522	521
20	496	498	499	500	501	502	503	504	504	503	502	500	500	500	500	501	502	505	502
25	471	473	474	475	476	477	478	479	480	481	483	481	479	478	478	478	480	482	480
30	446	448	450	451	452	452	453	453	453	453	454	456	455	453	452	452	453	456	453
35	413	416	419	421	423	425	428	426	425	424	423	423	425	425	423	422	423	426	423
40	380	384	386	388	389	390	392	393	395	392	389	387	388	392	392	390	390	393	390
45	347	351	354	355	355	355	355	354	353	352	350	349	350	353	358	355	354	357	354
50	307	312	314	315	316	317	317	314	311	304	302	307	303	303	314	318	317	319	316
55	267	271	273	273	274	274	274	270	263	251	247	244	242	245	259	277	274	278	276
60	228	230	231	231	232	232	227	218	207	197	189	186	183	183	196	211	219	235	233
65	184	186	187	188	188	188	178	166	157	149	143	137	134	134	136	146	162	192	191
70	141	142	143	143	144	142	131	122	114	107	103	98.6	94.9	93.1	93.0	96.1	106	149	148
75	97.1	97.8	98.7	99.4	100	95.3	88.1	81.9	75.7	70.7	68.0	65.3	61.5	59.9	57.8	57.7	56.9	101	99.7
80	65.2	65.4	65.5	65.4	64.8	59.3	53.5	48.3	41.8	37.1	37.2	36.6	34.9	33.9	33.6	32.7	32.2	28.0	56.6
85	33.4	33.5	33.5	33.4	33.0	30.0	27.2	24.5	21.1	18.7	17.5	16.3	15.1	14.5	15.9	17.7	18.4	10.6	21.4
90	1.62	1.64	1.58	1.49	1.37	1.33	1.38	1.59	1.49	1.52	1.60	1.64	1.73	1.86	1.79	1.71	1.64	4.56	0.86
95	8.55	9.25	10.1	11.1	12.3	13.6	14.0	13.6	12.0	10.3	7.97	6.34	4.56	2.99	3.89	3.24	2.80	0.43	0.57
100	15.5	16.8	18.6	20.7	23.1	25.8	26.6	26.0	23.0	20.4	18.7	18.6	17.4	16.0	15.3	14.7	13.7	6.27	6.37
105	22.4	24.5	27.2	30.3	33.8	37.3	39.3	40.2	40.5	42.4	42.1	41.0	37.8	36.9	34.4	33.0	31.3	30.8	16.2
110	34.3	36.1	38.5	41.4	44.7	48.3	51.4	54.3	57.6	62.8	63.6	62.5	63.6	62.3	61.0	59.5	58.5	58.5	41.0
115	46.3	47.7	49.9	52.4	55.6	59.1	62.8	66.8	70.4	74.0	76.9	79.4	81.9	82.3	84.1	83.3	83.6	84.0	70.7
120	58.3	59.5	61.6	64.0	67.2	70.7	74.3	77.8	81.2	84.6	87.9	90.1	92.4	94.6	95.3	96.3	96.3	96.8	91.0
125	72.9	73.3	74.9	77.0	79.8	82.9	86.1	89.2	92.4	95.1	97.6	99.9	102	104	105	106	106	107	105
130	87.5	87.3	88.3	90.0	92.5	95.2	98.0	101	103	105	108	110	111	113	114	115	115	116	114
135	102	101	102	103	105	107	109	112	114	116	119	120	121	122	124	123	124	124	123
140	116	115	115	116	117	119	121	123	126	127	128	129	130	132	132	132	133	134	132
145	130	129	129	129	130	131	132	133	134	135	137	138	140	141	141	141	141	141	141
150	144	143	142	141	141	141	141	142	143	144	145	147	148	148	148	148	149	149	148
155	154	153	152	151	151	151	151	151	152	153	154	154	153	153	154	154	155	155	154
160	163	163	162	161	161	161	161	161	161	161	160	160	160	160	160	161	161	161	160
165	173	172	171	170	170	169	168	168	167	167	167	167	167	167	167	167	168	168	167
170	176	176	175	175	174	174	173	173	173	173	173	173	173	173	173	173	174	173	173
175	180	179	179	179	179	179	178	178	178	178	178	178	178	178	178	178	179	178	177
180	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	183	182	182

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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544
5	541	541	540	540	539	539	538	538	538	538	537	537	537	537	537	536	536	536	536
10	533	532	531	530	530	530	529	529	529	529	529	529	529	529	529	529	528	528	528
15	519	518	517	517	517	517	517	517	518	519	519	520	520	521	521	521	521	520	520
20	500	499	499	499	500	501	502	503	503	502	501	500	500	499	499	498	498	498	497
25	478	477	477	478	479	482	480	478	478	477	477	477	476	476	476	476	475	475	475
30	451	451	452	454	454	452	451	451	451	451	452	452	453	453	453	453	453	452	452
35	421	422	424	424	422	421	421	422	423	425	424	423	422	421	421	420	420	419	419
40	389	390	391	389	389	390	391	392	390	389	388	388	387	387	387	387	386	386	385
45	353	356	354	354	355	357	355	354	353	353	353	353	353	353	354	354	353	352	351
50	317	317	316	317	319	317	316	316	316	317	317	315	314	314	313	313	312	312	311
55	278	276	275	278	276	276	277	278	276	275	274	274	273	272	272	272	271	270	269
60	235	234	235	234	234	236	234	233	233	233	232	232	232	231	231	231	230	229	228
65	191	192	191	192	192	191	190	190	190	190	190	189	189	188	188	187	186	186	185
70	148	147	147	148	147	147	147	147	147	147	146	146	145	145	144	143	143	142	141
75	101	101	101	102	103	102	102	102	104	103	103	102	102	101	100	99.6	99.1	98.4	97.3
80	55.9	55.5	56.2	56.6	56.5	54.9	56.9	60.2	63.9	65.2	65.9	66.4	66.8	66.9	66.9	66.6	66.3	65.8	64.8
85	21.4	20.5	19.5	21.3	23.0	24.4	27.8	29.8	31.9	32.7	33.2	33.5	33.7	33.8	34.0	33.8	33.5	33.4	32.9
90	0.90	0.71	0.49	0.32	0.31	0.31	0.31	0.32	0.32	0.37	0.62	0.70	0.75	0.75	1.01	1.04	0.64	0.97	0.97
95	1.06	1.28	0.71	1.83	3.20	4.36	5.57	7.07	9.20	10.9	12.0	11.2	9.86	8.77	8.06	7.40	6.88	7.49	8.25
100	6.66	7.22	7.85	8.86	10.5	11.4	11.8	14.3	18.6	21.7	23.4	21.5	18.9	16.7	15.1	13.8	13.1	14.0	15.5
105	16.8	17.5	20.1	21.0	24.5	27.3	28.9	29.4	31.7	33.9	35.2	31.7	28.1	24.9	22.2	20.1	19.4	20.5	22.9
110	37.7	37.4	38.3	40.4	41.6	44.0	46.2	45.3	46.2	47.4	46.6	42.4	38.9	36.0	33.6	31.9	31.3	32.4	34.7
115	63.5	59.3	57.6	58.0	57.6	58.2	59.1	59.6	60.4	60.8	57.4	53.0	49.7	47.1	45.0	43.6	43.2	44.2	46.6
120	87.9	80.6	74.3	73.5	72.8	72.0	73.0	74.3	74.5	72.7	68.3	64.6	61.3	58.7	56.6	55.4	55.0	56.1	58.5
125	105	98.2	92.9	91.5	90.8	89.2	88.7	90.1	87.3	84.2	80.5	77.3	74.4	72.2	70.7	70.1	70.4	71.4	72.3
130	114	112	109	109	108	105	103	101	98.6	95.8	92.9	90.2	87.6	85.9	84.9	85.0	85.8	86.9	86.2
135	123	123	121	120	118	117	115	112	110	107	105	103	101	99.5	99.2	99.9	101	102	101
140	131	131	131	129	128	126	125	124	121	118	116	115	114	113	113	114	115	117	117
145	140	140	140	139	137	135	134	132	131	130	128	127	127	127	127	128	129	131	132
150	147	147	146	146	145	144	142	141	140	139	139	139	139	140	140	142	143	145	147
155	153	153	152	152	152	153	151	150	150	149	149	149	149	150	150	151	153	154	156
160	160	159	159	159	159	159	159	160	160	159	159	159	159	160	160	161	162	164	165
165	166	166	165	165	165	165	165	166	166	167	167	168	168	169	170	171	172	173	174
170	172	172	172	171	171	171	171	171	171	172	172	172	173	173	174	174	175	176	177
175	177	177	177	177	177	177	177	177	177	177	177	177	177	178	178	178	178	179	179
180	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182

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:0.1605A P:19.10W PF:0.9892 Lamp Flux:1944.21x1 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	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544				
5	536	536	536	536	536	536	537	537	537	537	538	538	539	539	540				
10	528	527	527	527	527	526	526	526	526	526	527	527	528	528	529				
15	519	518	517	516	515	514	513	512	512	511	511	511	512	513	514				
20	497	497	497	498	498	499	498	496	494	493	492	491	491	492	494				
25	474	473	473	472	472	472	472	473	474	472	469	468	467	468	469				
30	450	449	448	446	445	444	443	443	444	445	444	441	440	439	440				
35	418	418	418	418	418	415	413	412	411	411	413	412	409	408	409				
40	384	383	382	382	381	381	382	380	378	376	377	379	376	374	374				
45	350	349	347	346	344	343	343	342	344	341	339	340	342	338	337				
50	310	310	309	309	308	306	303	302	302	303	301	300	301	300	298				
55	269	267	267	266	265	265	264	262	260	260	261	259	257	259	256				
60	227	226	224	223	222	220	219	219	220	217	216	218	215	216	214				
65	184	183	181	180	179	178	176	175	174	174	173	172	173	171	171				
70	140	139	138	137	136	135	133	132	131	130	130	129	128	127	128				
75	96.4	95.4	94.5	93.7	92.9	92.1	91.2	90.3	89.3	88.2	87.0	86.4	86.4	85.1	85.2				
80	63.7	62.4	60.8	59.1	57.2	54.9	52.3	50.1	49.8	49.4	48.7	47.6	46.8	46.9	45.9				
85	32.3	31.6	30.9	30.0	29.0	27.9	26.5	25.0	23.2	21.1	18.7	15.6	15.1	14.5	14.4				
90	0.97	1.00	1.06	1.12	1.19	1.27	1.33	1.34	1.41	1.41	1.44	1.49	1.49	1.49	1.48				
95	9.26	10.2	11.0	11.5	10.2	9.00	7.64	6.39	5.37	4.31	3.12	2.14	2.58	2.15	1.45				
100	17.5	19.3	20.8	21.9	19.5	17.1	14.3	12.3	12.0	11.3	10.4	9.56	8.89	8.20	7.88				
105	25.9	28.7	31.0	32.8	30.8	29.5	29.0	30.0	26.8	24.1	22.4	21.1	19.5	18.6	18.7				
110	37.7	40.3	42.5	44.3	43.7	43.3	44.4	46.9	44.1	42.7	44.0	39.7	38.2	36.7	36.2				
115	49.4	51.9	54.0	55.8	56.3	56.3	56.9	58.3	59.6	60.1	61.9	61.7	63.9	63.2	62.9				
120	61.3	63.8	65.8	67.4	68.0	67.9	68.2	69.7	70.8	71.6	72.3	74.0	74.6	75.6	75.1				
125	73.8	76.5	78.1	79.4	80.0	79.9	80.2	80.9	82.0	82.8	83.6	83.8	84.7	86.0	85.5				
130	86.0	89.3	90.7	91.9	92.4	92.6	92.9	93.6	94.2	95.0	95.4	95.4	96.2	96.2	95.7				
135	99.5	103	104	103	106	106	106	107	108	106	107	108	109	109	109				
140	117	117	119	114	118	120	121	120	120	118	112	111	117	120	123				
145	134	133	134	134	125	132	134	133	133	133	133	133	131	131	134				
150	149	149	148	148	148	143	146	148	148	148	148	147	147	148	149				
155	158	159	160	160	161	162	162	163	165	164	162	161	161	161	163				
160	167	168	170	171	172	174	174	174	174	173	173	173	173	173	174				
165	175	176	176	177	178	178	179	179	179	180	180	180	181	181	182				
170	177	178	179	179	180	180	181	182	182	183	183	184	184	185	185				
175	180	180	180	181	181	182	182	182	183	183	183	184	184	184	185				
180	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182				

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	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	543.0	542.7	542.4	542.1	541.8	541.6	541.4	541.2	541.0	540.9
5.0	540.4	539.8	539.2	538.7	538.3	537.9	537.5	537.3	537.0	536.9
7.5	536.3	535.4	534.6	534.0	533.5	533.0	532.7	532.5	532.3	532.2
10.0	530.7	529.6	528.6	527.9	527.4	527.0	526.8	526.7	526.7	526.9
12.5	523.8	522.4	521.3	520.5	520.0	519.8	519.8	520.0	520.4	521.0
15.0	515.6	514.0	512.8	511.9	511.6	511.5	511.8	512.4	513.3	514.3
17.5	506.1	504.2	502.9	502.1	501.8	502.1	502.9	504.0	505.4	507.0
20.0	495.6	493.4	491.8	491.0	491.0	491.6	492.8	494.5	496.7	499.1
22.5	483.8	481.2	479.5	478.8	479.0	480.0	481.8	484.2	487.1	489.7
25.0	471.3	468.2	466.3	465.5	465.9	467.3	469.7	472.9	464.0	457.2
27.5	457.4	454.0	451.9	451.2	451.8	453.7	456.7	449.0	439.2	431.2
30.0	443.0	439.0	436.6	435.8	436.7	439.1	436.1	425.8	415.3	405.8
32.5	427.4	423.0	420.4	419.7	420.9	423.3	414.5	404.1	393.2	382.2
35.0	411.2	406.0	403.0	402.3	403.9	402.1	395.1	385.3	373.2	360.9
37.5	394.3	387.3	383.7	383.4	385.5	381.1	375.5	369.0	356.6	341.8
40.0	376.6	365.8	358.8	357.8	361.9	360.4	356.4	351.1	343.0	328.9
42.5	358.3	344.1	334.2	329.6	332.8	338.1	338.3	333.9	328.7	324.1
45.0	339.5	322.5	309.7	302.2	309.3	316.2	320.2	318.1	316.1	310.5
47.5	320.0	302.5	287.8	279.6	289.5	298.8	304.4	303.6	302.6	303.9
50.0	299.9	283.2	269.6	265.6	273.4	284.7	290.2	287.9	288.3	290.4
52.5	279.5	264.5	252.5	252.0	261.3	272.7	272.8	271.3	272.7	276.5
55.0	258.6	245.1	235.9	238.8	248.1	257.2	254.3	253.9	256.6	261.0
57.5	237.2	223.2	216.0	223.9	234.3	236.1	234.7	235.7	239.1	238.4
60.0	215.5	198.7	194.0	206.6	217.3	214.6	214.6	216.9	216.2	216.0
62.5	193.5	174.7	172.9	188.7	194.7	193.1	194.2	194.1	193.7	194.0
65.0	171.4	151.1	153.9	172.7	172.2	171.8	172.1	171.6	171.7	172.2
67.5	149.0	130.4	136.6	151.9	150.1	150.5	149.6	149.6	150.0	150.7
70.0	126.2	111.3	121.3	128.1	128.5	128.0	127.8	128.1	128.8	129.7
72.5	104.8	93.19	105.8	106.3	106.8	106.5	106.7	107.3	108.1	108.9
75.0	83.74	77.28	85.97	85.93	85.59	85.75	86.45	87.16	87.87	88.54
77.5	63.61	61.29	65.56	65.69	65.65	66.30	67.02	67.55	68.02	68.48
80.0	44.71	46.08	47.35	46.81	47.28	47.94	48.26	48.42	48.52	50.80
82.5	27.54	30.83	29.90	29.98	30.45	30.46	30.54	33.61	36.23	38.54
85.0	12.75	15.85	15.04	15.15	15.45	18.53	21.03	23.13	24.92	26.48
87.5	2.277	4.556	4.035	6.858	8.982	10.58	11.87	12.91	13.80	14.55
90.0	1.130	2.936	2.936	2.936	2.927	2.908	2.890	2.829	2.773	2.703
92.5	1.513	3.126	3.103	3.132	3.410	4.014	4.663	5.250	5.883	6.523
95.0	1.977	3.759	3.891	4.273	3.998	5.236	6.520	7.745	9.058	10.39
97.5	4.712	6.422	6.755	7.167	7.547	8.026	8.543	10.39	12.36	14.37
100.0	8.650	10.18	10.87	11.23	11.83	12.99	14.23	15.37	16.34	18.49
102.5	13.32	14.70	15.57	16.50	17.28	18.41	20.64	22.91	25.42	25.60
105.0	19.02	20.53	21.50	22.67	24.29	25.78	27.61	31.04	34.53	33.77
107.5	26.62	28.35	29.29	30.77	32.91	35.97	36.80	40.19	43.34	41.72
110.0	36.39	38.26	39.45	41.78	43.80	48.61	46.61	49.30	51.93	49.44
112.5	50.83	52.19	53.60	57.16	55.11	59.51	55.71	57.29	57.58	56.59
115.0	64.26	65.00	65.08	65.97	64.85	65.30	63.74	63.46	62.77	61.63
117.5	69.98	70.49	71.11	71.01	70.74	70.22	69.84	68.87	67.99	66.76
120.0	75.13	75.35	76.22	75.77	75.91	75.11	74.64	74.30	73.27	72.05
122.5	80.00	80.06	81.18	80.52	80.68	80.24	79.79	79.36	78.61	77.61
125.0	85.15	84.98	85.98	85.61	85.58	85.87	85.20	84.62	83.94	83.41
127.5	90.76	90.34	91.11	91.14	90.92	91.28	90.82	90.18	89.68	89.30
130.0	96.75	96.12	96.60	96.90	96.53	96.67	96.73	96.17	95.75	95.47
132.5	102.9	102.1	102.3	103.1	102.5	102.3	102.6	102.6	102.1	101.9
135.0	109.5	108.5	108.4	109.4	108.7	108.4	108.6	109.2	108.7	108.4
137.5	115.7	114.7	114.5	115.3	115.3	114.7	114.7	115.1	115.6	115.3
140.0	122.0	120.9	120.8	121.3	121.9	121.2	121.0	121.3	121.8	122.4
142.5	128.3	127.2	126.9	127.4	128.5	128.0	127.6	127.6	128.1	129.1
145.0	134.8	133.6	133.2	133.6	134.6	134.8	134.3	134.2	134.7	135.5
147.5	141.4	140.2	139.7	139.8	140.5	141.8	141.2	141.2	141.4	141.9
150.0	147.8	146.6	146.0	146.1	146.6	147.8	148.5	148.1	148.1	148.7
152.5	154.3	153.1	152.5	152.5	153.0	153.9	155.1	155.0	155.2	155.9
155.0	160.7	159.6	158.9	158.6	158.8	159.5	160.7	162.5	162.8	163.4
157.5	166.5	165.4	164.7	164.5	164.8	165.5	166.7	168.4	170.4	170.7
160.0	172.3	171.4	170.8	170.7	171.0	171.6	172.7	173.9	175.2	176.3
162.5	178.0	177.3	176.8	176.7	176.8	177.2	177.8	178.3	178.7	179.0
165.0	183.1	182.4	181.9	181.5	181.4	181.3	181.3	181.2	181.1	180.9
167.5	186.0	185.4	184.9	184.4	184.0	183.7	183.3	183.0	182.6	182.1
170.0	187.2	186.7	186.2	185.7	185.3	184.9	184.4	183.9	183.4	182.9
172.5	187.2	186.8	186.4	186.0	185.6	185.1	184.7	184.3	183.8	183.3
175.0	186.3	186.1	185.8	185.5	185.2	184.9	184.5	184.2	183.8	183.5
177.5	184.9	184.8	184.6	184.5	184.3	184.1	184.0	183.8	183.6	183.4
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

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

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

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	540.8	540.7	540.6	540.5	540.5	540.5	540.5	540.5	540.5	540.6
5.0	536.8	536.7	536.6	536.6	536.6	536.6	536.7	536.7	536.8	536.9
7.5	532.2	532.2	532.3	532.4	532.6	532.7	532.8	533.0	533.1	533.2
10.0	527.1	527.4	527.8	528.1	528.4	528.7	529.0	529.2	529.4	529.5
12.5	521.6	522.2	522.9	523.5	524.1	524.6	525.1	525.4	525.7	525.8
15.0	515.4	516.6	517.7	518.7	519.7	520.5	521.2	521.6	522.0	522.0
17.5	508.7	510.6	510.5	508.5	507.7	507.2	507.3	507.7	508.5	509.3
20.0	497.1	492.2	489.2	488.6	490.1	491.2	492.0	493.3	495.1	496.4
22.5	473.9	468.6	465.7	466.1	470.1	474.4	476.4	478.8	481.6	483.6
25.0	451.4	444.4	441.2	441.8	447.7	456.4	460.5	464.0	468.2	470.9
27.5	427.4	422.1	416.1	416.5	423.1	436.7	444.3	449.1	454.7	458.2
30.0	399.7	399.3	392.5	390.7	397.7	414.8	427.8	434.0	441.2	445.6
32.5	373.4	371.6	370.9	364.8	372.9	390.5	407.3	415.9	424.2	429.2
35.0	349.1	343.0	352.7	347.1	350.7	366.4	385.8	397.4	407.2	412.7
37.5	330.6	331.4	338.0	333.5	330.4	343.6	363.7	378.8	390.2	396.2
40.0	324.8	323.4	326.0	321.1	312.2	321.7	341.1	359.9	373.2	379.7
42.5	318.8	317.2	317.2	311.0	296.0	300.3	318.5	340.8	356.1	363.2
45.0	312.2	311.3	310.1	303.5	281.7	278.8	296.0	321.6	339.1	346.7
47.5	304.5	305.0	304.0	298.1	270.2	262.2	275.7	298.3	318.3	327.0
50.0	294.9	297.5	293.9	285.2	261.2	251.8	257.1	274.9	297.5	307.1
52.5	282.6	280.1	275.5	269.0	251.2	241.7	239.7	251.5	276.7	287.3
55.0	260.0	259.0	256.4	251.9	240.6	232.1	224.0	228.3	255.9	267.4
57.5	237.9	237.9	236.5	234.0	228.7	222.5	209.8	205.3	235.1	247.5
60.0	216.1	216.6	216.0	215.5	214.8	212.8	196.6	182.5	214.2	227.7
62.5	194.4	195.0	195.4	196.5	197.1	195.6	180.9	165.5	193.7	206.1
65.0	173.0	173.7	174.3	175.2	175.8	174.7	163.8	149.0	173.3	184.4
67.5	151.7	152.5	153.1	154.0	154.5	153.7	145.6	132.7	152.8	162.6
70.0	130.6	131.4	132.1	132.8	133.3	132.7	127.0	116.5	132.3	140.8
72.5	109.8	110.5	111.2	111.8	112.2	111.6	108.0	100.5	111.8	119.0
75.0	89.24	89.85	90.41	90.94	91.09	90.46	88.67	84.62	91.27	97.09
77.5	68.95	69.31	71.23	73.09	74.31	74.64	73.87	70.82	76.33	81.08
80.0	53.34	55.47	57.30	58.82	59.84	60.12	59.50	57.04	61.38	65.19
82.5	40.47	42.09	43.48	44.61	45.40	45.60	45.13	43.24	46.43	49.30
85.0	27.76	28.83	29.74	30.46	30.98	31.08	30.74	29.43	31.49	33.41
87.5	15.16	15.64	16.04	16.34	16.58	16.56	16.34	15.61	16.54	17.52
90.0	2.610	2.488	2.371	2.231	2.180	2.049	1.937	1.787	1.597	1.625
92.5	7.108	7.619	8.148	7.543	6.832	6.088	5.461	5.233	4.962	5.089
95.0	11.65	12.79	13.91	12.84	11.47	10.12	8.980	8.677	8.327	8.552
97.5	16.27	18.02	19.66	18.09	16.07	14.13	12.49	12.12	11.69	12.01
100.0	21.01	23.36	25.39	23.30	20.63	18.11	15.99	15.56	15.06	15.47
102.5	26.74	28.88	31.08	28.43	25.13	22.05	19.47	19.00	18.42	18.92
105.0	33.88	35.08	36.18	33.48	29.89	26.30	23.17	22.50	21.79	22.42
107.5	40.88	41.13	41.09	38.52	35.27	31.97	29.37	28.64	27.87	28.38
110.0	47.69	46.99	46.01	43.59	40.66	37.65	35.60	34.78	33.96	34.35
112.5	54.24	52.57	50.91	48.70	46.09	43.35	41.86	40.92	40.05	40.32
115.0	60.07	57.84	55.86	53.83	51.55	49.08	48.17	47.04	46.13	46.30
117.5	65.42	63.48	61.30	59.03	57.05	54.85	54.48	53.17	52.22	52.28
120.0	70.99	69.36	67.62	65.64	63.53	61.35	61.03	59.35	58.31	58.32
122.5	76.76	75.44	74.08	72.40	70.72	69.25	68.88	67.14	65.90	65.58
125.0	82.75	81.76	80.70	79.27	78.03	77.22	76.72	74.92	73.50	72.87
127.5	89.05	88.30	87.50	86.30	85.49	85.26	84.54	82.70	81.10	80.18
130.0	95.22	94.94	94.38	93.48	93.14	93.34	92.29	90.47	88.70	87.52
132.5	101.6	101.5	101.1	100.8	101.0	101.5	100.0	98.22	96.30	94.89
135.0	108.3	108.3	108.1	108.3	108.9	109.2	107.7	105.9	103.9	102.3
137.5	115.2	115.3	115.3	116.0	116.9	116.6	114.8	113.0	110.9	109.3
140.0	122.5	122.5	122.9	123.9	124.8	124.0	122.0	120.1	117.9	116.3
142.5	130.0	130.1	130.9	132.1	132.6	131.2	129.1	127.1	125.0	123.4
145.0	136.4	138.0	139.3	140.4	140.1	138.5	136.1	134.2	132.0	130.4
147.5	142.9	144.7	146.8	148.5	147.5	145.7	143.2	141.2	139.0	137.5
150.0	149.9	151.6	153.2	153.9	153.2	151.7	149.8	148.0	146.0	144.5
152.5	157.1	158.4	159.1	158.9	157.8	156.2	154.3	152.6	150.7	149.2
155.0	164.2	164.7	164.5	163.6	162.3	160.5	158.8	157.1	155.3	154.0
157.5	170.7	170.2	169.4	168.1	166.6	164.9	163.3	161.6	160.0	158.7
160.0	176.2	175.1	173.9	172.4	170.8	169.2	167.7	166.1	164.6	163.5
162.5	179.0	178.9	178.1	176.5	175.0	173.5	172.0	170.6	169.3	168.3
165.0	180.5	180.1	179.5	178.8	178.0	177.1	176.1	175.0	173.9	173.0
167.5	181.7	181.1	180.4	179.7	179.0	178.1	177.3	176.3	175.4	174.7
170.0	182.4	181.8	181.2	180.6	179.9	179.2	178.4	177.7	177.0	176.3
172.5	182.8	182.3	181.8	181.3	180.7	180.2	179.6	179.0	178.5	178.0
175.0	183.1	182.7	182.3	181.9	181.5	181.1	180.7	180.4	180.0	179.7
177.5	183.1	182.9	182.7	182.5	182.3	182.1	181.9	181.7	181.6	181.4
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE 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	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	540.7	540.7	540.9	541.0	541.1	541.3	541.5	541.7	541.9	542.1
5.0	537.0	537.2	537.3	537.5	537.7	537.9	538.1	538.4	538.7	539.1
7.5	533.3	533.5	533.6	533.7	533.8	534.0	534.2	534.4	534.6	535.0
10.0	529.6	529.7	529.7	529.7	529.7	529.6	529.6	529.7	529.8	530.0
12.5	525.8	525.8	525.6	525.4	525.1	524.8	524.5	524.3	524.1	524.0
15.0	522.0	521.8	521.4	520.9	520.2	519.6	518.8	518.2	517.7	517.3
17.5	510.2	510.9	511.0	513.0	514.2	513.0	512.7	511.5	510.5	509.7
20.0	497.5	498.5	499.5	500.6	501.7	503.0	504.3	504.4	502.8	501.5
22.5	485.0	486.1	487.2	488.2	489.3	490.4	491.6	493.1	494.6	492.5
25.0	472.5	473.8	475.0	476.0	476.9	477.8	478.8	479.9	481.3	482.9
27.5	460.1	461.6	462.8	463.8	464.6	465.3	465.9	466.6	467.4	468.8
30.0	447.8	449.5	450.8	451.7	452.4	452.8	452.9	453.0	453.3	454.0
32.5	432.1	434.8	437.3	439.8	440.2	440.2	439.8	439.2	438.7	438.9
35.0	415.9	418.7	421.0	423.1	425.5	427.7	426.5	425.0	423.9	423.4
37.5	399.7	402.6	404.7	406.3	408.1	409.9	411.9	410.7	408.7	406.3
40.0	383.6	386.5	388.1	389.2	390.4	391.7	392.9	394.6	392.0	388.7
42.5	367.5	370.4	371.4	372.0	372.6	373.3	373.8	374.2	373.4	370.1
45.0	351.5	354.2	354.5	354.6	354.6	354.7	354.5	352.9	351.7	350.4
47.5	332.0	335.3	336.4	337.2	336.6	336.2	334.6	331.9	328.4	327.1
50.0	311.8	314.4	315.3	316.3	317.5	317.4	314.5	310.9	303.8	302.2
52.5	291.5	293.5	294.2	295.0	296.0	296.1	294.6	288.4	278.1	275.4
55.0	271.1	272.5	273.1	273.8	274.4	273.6	270.2	263.2	251.2	246.7
57.5	250.7	251.6	252.1	252.6	253.1	250.7	244.6	234.3	223.4	217.4
60.0	230.2	230.7	231.1	231.5	231.8	226.9	218.3	206.9	196.9	189.1
62.5	208.3	209.0	209.7	210.5	210.7	202.6	191.8	181.2	172.3	165.2
65.0	186.2	186.9	187.5	188.3	188.4	177.9	166.1	156.9	149.2	143.0
67.5	164.1	164.8	165.4	166.2	165.0	154.2	142.9	134.0	122.6	112.2
70.0	142.0	142.7	143.4	144.1	141.7	131.4	121.8	113.7	107.3	102.7
72.5	119.9	120.7	121.4	122.1	118.3	109.4	101.5	94.38	88.60	84.70
75.0	97.83	98.66	99.42	100.1	95.32	88.13	81.93	75.70	70.73	68.01
77.5	81.35	81.48	81.35	80.82	74.30	67.46	62.89	57.52	53.62	52.19
80.0	65.41	65.49	65.35	64.81	59.29	53.55	48.26	41.76	37.12	37.16
82.5	49.46	49.50	49.37	48.88	44.56	40.25	36.24	31.24	27.48	25.65
85.0	33.52	33.52	33.41	33.01	30.03	27.17	24.52	21.10	18.71	17.49
87.5	17.58	17.55	17.45	17.18	15.65	14.23	13.00	11.23	10.08	9.501
90.0	1.643	1.578	1.494	1.372	1.331	1.377	1.587	1.489	1.522	1.601
92.5	5.450	5.846	6.315	6.860	7.485	7.672	7.579	6.733	5.851	4.748
95.0	9.252	10.11	11.13	12.33	13.62	13.97	13.61	12.03	10.28	7.972
97.5	13.05	14.35	15.91	17.76	19.72	20.28	19.72	17.45	14.90	11.35
100.0	16.83	18.57	20.65	23.14	25.76	26.61	25.96	23.04	20.37	18.74
102.5	20.59	22.76	25.35	28.44	31.73	32.97	32.76	31.39	31.48	30.16
105.0	24.51	27.20	30.30	33.81	37.34	39.25	40.20	40.54	42.45	42.07
107.5	30.31	32.87	35.84	39.28	42.82	45.41	47.38	49.32	52.92	54.25
110.0	36.12	38.53	41.37	44.73	48.27	51.39	54.25	57.62	62.77	63.57
112.5	41.92	44.20	46.89	50.16	53.69	57.20	60.83	65.09	68.69	70.73
115.0	47.72	49.88	52.40	55.57	59.08	62.79	66.76	70.40	73.99	76.95
117.5	53.54	55.56	57.92	60.96	64.69	68.48	72.26	75.78	79.29	82.46
120.0	59.53	61.59	64.03	67.17	70.71	74.26	77.82	81.22	84.63	87.90
122.5	66.42	68.25	70.52	73.45	76.76	80.13	83.49	86.73	90.05	92.69
125.0	73.34	74.94	77.01	79.77	82.86	86.09	89.25	92.37	95.06	97.55
127.5	80.30	81.64	83.51	86.13	89.01	92.11	95.13	97.66	100.2	102.6
130.0	87.30	88.34	90.01	92.53	95.22	98.01	100.6	103.0	105.4	107.9
132.5	94.35	95.08	96.56	98.89	101.1	103.6	106.1	108.5	110.9	113.4
135.0	101.4	101.7	102.9	104.8	106.8	109.2	111.7	114.1	116.4	118.9
137.5	108.3	108.3	109.3	110.7	112.6	114.8	117.3	119.9	122.2	123.3
140.0	115.2	115.0	115.8	116.8	118.5	120.5	122.9	125.5	127.0	127.9
142.5	122.2	121.8	122.4	123.0	124.5	126.3	128.6	130.1	131.3	132.5
145.0	129.2	128.7	129.0	129.5	130.5	132.1	133.0	134.2	135.4	136.8
147.5	136.2	135.7	135.7	136.2	136.0	136.5	137.3	138.3	139.5	141.0
150.0	143.0	141.9	141.3	141.0	140.8	141.1	141.8	142.6	143.8	145.1
152.5	147.9	146.8	146.2	145.9	145.8	145.9	146.3	147.2	148.2	149.4
155.0	152.8	151.8	151.2	150.9	150.8	150.9	151.2	151.9	152.8	153.9
157.5	157.7	156.7	156.2	156.0	155.8	156.0	156.2	156.8	157.5	157.0
160.0	162.6	161.7	161.2	161.1	160.9	161.0	161.4	161.3	160.6	160.2
162.5	167.5	166.8	166.3	166.1	166.2	165.6	164.9	164.3	163.8	163.4
165.0	172.1	171.2	170.3	169.5	168.9	168.4	167.7	167.2	166.9	166.6
167.5	173.9	173.2	172.5	171.8	171.2	170.8	170.5	170.2	169.9	169.7
170.0	175.8	175.2	174.7	174.1	173.7	173.3	173.0	172.8	172.7	172.6
172.5	177.6	177.2	176.8	176.5	176.1	175.8	175.6	175.4	175.3	175.2
175.0	179.4	179.1	178.9	178.7	178.5	178.4	178.2	178.1	178.0	178.0
177.5	181.2	181.1	181.0	180.9	180.8	180.7	180.7	180.6	180.6	180.6
180.0	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1	183.1

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

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE 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	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	542.4	542.6	542.9	543.2	543.5	543.8	544.1	543.8	543.5	543.1
5.0	539.4	539.9	540.3	540.8	541.4	542.0	542.6	542.0	541.3	540.7
7.5	535.4	535.9	536.5	537.1	537.9	538.7	539.6	538.7	537.8	537.0
10.0	530.3	530.8	531.3	532.0	532.9	534.0	535.2	533.9	532.8	531.8
12.5	524.2	524.5	525.0	525.7	526.7	528.0	529.5	527.9	526.6	525.5
15.0	517.1	517.2	517.5	518.2	519.2	520.6	522.4	520.5	519.0	517.9
17.5	509.1	508.9	509.1	509.6	510.6	512.1	514.0	511.9	510.3	509.2
20.0	500.4	499.8	499.6	499.9	500.8	502.3	504.5	502.2	500.5	499.4
22.5	490.9	489.7	489.1	489.2	490.1	491.7	494.1	491.5	489.7	488.7
25.0	480.6	478.9	477.9	477.6	478.2	479.8	482.3	479.5	477.8	476.9
27.5	469.8	467.3	465.7	465.1	465.4	467.0	469.7	466.7	464.9	464.3
30.0	455.6	455.1	452.9	451.8	451.8	453.2	456.0	452.9	451.2	450.9
32.5	439.9	442.2	439.4	437.7	437.5	438.7	441.5	438.3	436.7	436.7
35.0	423.3	425.3	425.1	422.9	422.2	423.2	426.1	422.8	421.4	421.8
37.5	405.8	407.3	410.4	407.5	406.2	407.0	410.0	406.5	405.3	406.1
40.0	387.3	388.4	392.4	391.5	389.7	390.2	393.2	389.7	388.7	390.0
42.5	367.8	369.2	373.1	375.0	372.5	372.6	375.5	372.1	371.4	373.3
45.0	348.8	349.7	352.7	357.9	354.7	354.4	357.3	353.8	353.5	350.0
47.5	329.5	328.5	329.8	337.6	336.6	335.8	338.5	335.1	335.3	337.2
50.0	306.5	303.2	303.3	313.7	317.8	316.5	319.2	315.9	316.5	317.1
52.5	275.9	273.0	275.0	287.6	298.2	296.5	299.3	296.1	297.2	296.4
55.0	243.8	241.5	244.9	259.5	277.4	274.5	278.1	275.7	277.8	275.6
57.5	213.7	211.3	213.8	228.9	248.7	247.6	256.3	254.3	257.4	254.7
60.0	185.9	183.3	183.2	195.7	211.3	219.2	235.2	233.4	235.3	233.7
62.5	160.3	157.7	157.3	164.0	176.9	190.7	213.8	212.2	213.2	212.8
65.0	137.2	134.4	133.8	136.0	146.4	162.1	192.2	191.0	191.1	192.2
67.5	117.0	113.3	112.4	113.0	119.2	133.5	170.4	169.8	169.1	169.9
70.0	98.57	94.90	93.09	93.04	96.12	105.7	148.5	147.8	147.6	147.1
72.5	81.39	77.59	75.80	74.70	75.93	78.89	125.8	125.2	125.9	124.1
75.0	65.29	61.47	59.95	57.79	57.70	56.94	100.8	99.69	100.7	100.6
77.5	50.36	47.09	45.81	44.20	43.48	41.91	67.60	76.40	76.65	76.53
80.0	36.59	34.91	33.94	33.62	32.72	32.21	28.03	56.55	55.92	55.47
82.5	23.98	23.66	23.65	24.88	25.50	24.00	18.70	37.93	37.39	36.96
85.0	16.35	15.13	14.51	15.85	17.75	18.42	10.64	21.43	21.41	20.50
87.5	8.939	8.354	8.160	8.256	8.020	9.237	4.242	8.302	7.813	9.932
90.0	1.643	1.727	1.863	1.788	1.709	1.643	4.556	0.8634	0.9009	0.7112
92.5	3.934	3.083	2.360	2.057	1.974	2.009	0.1841	0.7322	0.8999	0.5196
95.0	6.342	4.564	2.985	3.893	3.239	2.800	0.4282	0.5692	1.065	1.282
97.5	8.980	8.867	8.865	8.585	7.885	7.190	2.906	2.967	3.204	3.743
100.0	18.61	17.40	16.05	15.29	14.74	13.75	6.272	6.367	6.660	7.217
102.5	29.37	26.65	25.35	23.95	22.71	21.28	15.90	10.29	10.90	11.66
105.0	40.96	37.81	36.85	34.36	32.96	31.34	30.77	16.21	16.75	17.55
107.5	52.39	50.55	49.51	47.19	46.45	44.92	44.60	26.98	26.42	26.56
110.0	62.51	63.64	62.31	60.98	59.50	58.54	58.50	41.04	37.70	37.35
112.5	71.61	75.54	73.28	74.55	72.73	72.35	72.67	56.59	50.68	48.72
115.0	79.45	81.92	82.25	84.08	83.30	83.63	84.03	70.74	63.53	59.29
117.5	85.47	87.26	89.02	89.97	90.47	90.49	90.90	81.43	75.60	69.68
120.0	90.11	92.37	94.58	95.26	96.34	96.28	96.79	91.00	87.93	80.61
122.5	94.93	97.37	99.25	100.1	101.6	101.3	101.9	99.61	99.96	90.12
125.0	99.94	102.3	103.6	104.7	106.1	106.0	106.6	105.5	105.4	98.21
127.5	105.1	107.1	108.0	109.4	110.3	110.5	111.1	110.0	109.7	105.5
130.0	110.3	111.5	112.5	114.0	114.6	114.9	115.5	114.3	113.9	112.0
132.5	115.1	116.0	117.2	118.9	118.9	119.3	120.0	118.7	118.3	117.9
135.0	119.8	120.7	122.1	123.6	123.3	123.8	124.5	123.2	122.6	122.7
137.5	124.3	125.5	127.1	128.0	127.8	128.4	129.0	127.7	127.1	127.1
140.0	129.1	130.3	132.0	132.2	132.2	132.8	133.5	132.2	131.5	131.3
142.5	133.8	135.3	136.8	136.4	136.5	137.2	137.8	136.5	135.7	135.5
145.0	138.4	140.1	140.8	140.6	140.8	141.4	142.1	140.8	139.9	139.6
147.5	142.7	144.6	144.4	144.4	144.8	145.4	146.1	144.8	144.0	143.4
150.0	146.8	147.6	147.5	147.7	148.1	148.9	149.4	148.2	147.3	146.7
152.5	150.6	150.4	150.5	150.7	151.2	152.0	152.4	151.3	150.4	149.8
155.0	153.6	153.4	153.4	153.7	154.2	154.9	155.2	154.2	153.3	152.7
157.5	156.7	156.6	156.6	156.8	157.3	158.0	158.2	157.2	156.4	155.8
160.0	159.9	159.8	159.9	160.2	160.6	161.3	161.4	160.4	159.7	159.1
162.5	163.2	163.1	163.2	163.5	164.0	164.6	164.5	163.6	162.9	162.4
165.0	166.5	166.5	166.6	166.9	167.3	167.9	167.6	166.8	166.2	165.8
167.5	169.6	169.7	169.8	170.1	170.5	171.0	170.5	169.9	169.3	168.9
170.0	172.6	172.7	172.8	173.0	173.4	173.8	173.2	172.6	172.2	171.8
172.5	175.3	175.4	175.5	175.8	176.0	176.3	175.6	175.2	174.8	174.5
175.0	178.0	178.0	178.1	178.2	178.4	178.6	177.7	177.4	177.2	177.0
177.5	180.7	180.7	180.7	180.8	180.9	181.0	180.0	179.8	179.7	179.6
180.0	183.1	183.1	183.1	183.1	183.1	183.1	181.9	181.9	181.9	181.9

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	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	542.8	542.5	542.3	542.0	541.8	541.5	541.3	541.1	540.9	540.8
5.0	540.2	539.7	539.2	538.8	538.5	538.1	537.8	537.5	537.3	537.1
7.5	536.3	535.7	535.1	534.6	534.3	534.0	533.7	533.5	533.3	533.1
10.0	531.0	530.4	529.9	529.5	529.3	529.2	529.0	529.0	529.0	528.9
12.5	524.7	524.1	523.7	523.5	523.4	523.6	523.8	524.0	524.3	524.5
15.0	517.1	516.7	516.6	516.7	516.9	517.3	517.9	518.6	519.2	519.8
17.5	508.6	508.4	508.5	508.9	509.7	510.7	511.7	512.7	513.1	512.2
20.0	498.9	499.0	499.6	500.6	501.8	503.3	503.3	502.1	501.1	500.4
22.5	488.4	488.8	489.9	491.4	493.3	491.9	490.6	489.7	489.0	488.6
25.0	477.0	477.9	479.5	481.6	479.8	478.5	477.6	477.0	476.7	476.5
27.5	464.7	466.2	468.3	467.3	465.7	464.8	464.3	464.1	464.1	464.4
30.0	451.8	453.7	454.0	452.2	451.2	450.8	450.8	451.1	451.5	452.3
32.5	438.0	440.6	438.2	436.9	436.5	436.6	437.2	438.0	438.9	439.9
35.0	423.7	423.9	422.1	421.4	421.4	422.3	423.5	424.8	423.6	422.5
37.5	408.7	406.8	405.6	405.6	406.3	407.7	408.6	407.2	406.0	405.2
40.0	391.3	389.3	388.9	389.6	391.2	391.8	390.2	389.1	388.3	387.9
42.5	372.9	371.5	371.8	373.4	374.8	372.9	371.6	371.0	370.7	370.5
45.0	354.1	353.5	354.7	357.1	355.1	353.9	353.0	352.9	353.1	353.2
47.5	335.1	335.3	337.4	337.0	335.4	334.7	334.6	334.9	335.5	335.9
50.0	315.9	317.0	318.7	316.6	315.7	315.6	316.2	317.0	316.6	315.5
52.5	295.7	298.7	297.6	296.2	296.1	296.8	297.7	296.4	295.3	294.5
55.0	275.4	277.7	276.4	275.9	276.5	277.5	276.0	275.0	274.2	273.7
57.5	255.7	255.0	255.4	255.7	256.9	255.4	254.4	253.7	253.2	252.9
60.0	235.3	233.6	234.1	235.9	234.4	233.5	233.0	232.5	232.3	232.1
62.5	212.9	212.3	213.9	213.3	212.2	211.7	211.6	211.5	211.5	211.4
65.0	190.8	191.5	192.0	190.9	190.3	190.3	190.5	190.5	189.9	189.4
67.5	169.1	170.6	169.3	168.8	168.9	169.1	168.9	168.5	168.9	167.5
70.0	147.2	147.5	147.3	147.3	147.4	146.8	146.9	146.6	146.1	145.6
72.5	124.7	124.5	125.8	125.4	124.4	124.6	125.2	124.8	124.4	123.9
75.0	100.8	101.6	103.3	101.8	101.6	102.4	103.5	103.2	102.8	102.2
77.5	77.70	78.65	79.49	78.21	79.12	80.32	82.05	81.77	82.39	82.92
80.0	56.17	56.64	56.46	54.85	56.86	60.21	63.91	65.16	65.94	66.42
82.5	36.69	35.97	34.75	36.82	41.83	44.87	47.80	48.89	49.55	49.96
85.0	19.50	21.34	23.01	24.39	27.81	29.85	31.87	32.68	33.21	33.52
87.5	9.840	10.72	11.58	12.27	14.01	15.03	16.07	16.51	16.90	17.11
90.0	0.4855	0.3179	0.3128	0.3128	0.3128	0.3221	0.3222	0.3733	0.6160	0.7049
92.5	0.5640	1.022	1.718	2.305	2.915	3.664	4.727	5.622	6.288	5.945
95.0	0.7055	1.834	3.201	4.355	5.574	7.072	9.200	10.90	11.97	11.17
97.5	3.894	4.214	4.830	6.519	8.342	10.61	13.81	16.24	17.69	16.35
100.0	7.850	8.863	10.47	11.37	11.76	14.34	18.62	21.67	23.44	21.47
102.5	12.95	13.94	17.11	19.01	20.24	21.28	24.45	27.25	29.24	26.52
105.0	20.08	21.05	24.54	27.25	28.92	29.41	31.72	33.95	35.16	31.71
107.5	28.63	30.26	33.08	35.99	37.68	37.47	38.98	40.66	40.94	37.07
110.0	38.29	40.40	41.56	44.02	46.23	45.35	46.17	47.40	46.63	42.40
112.5	48.32	50.33	49.77	51.31	52.69	52.88	53.29	54.16	52.08	47.71
115.0	57.62	57.96	57.56	58.24	59.11	59.61	60.41	60.81	57.38	53.02
117.5	66.10	65.52	64.98	64.95	65.84	66.75	67.60	66.92	62.48	58.32
120.0	74.34	73.49	72.80	72.00	72.96	74.31	74.50	72.71	68.27	64.56
122.5	83.75	82.18	81.38	80.69	80.59	82.20	81.08	78.44	74.34	70.89
125.0	92.94	91.51	90.80	89.16	88.67	90.12	87.33	84.23	80.48	77.26
127.5	101.3	100.9	99.89	97.33	96.29	95.94	93.22	90.03	86.68	83.68
130.0	108.9	108.8	108.0	104.7	103.3	101.3	98.64	95.84	92.94	90.16
132.5	115.6	114.4	113.7	111.4	109.2	106.7	104.1	101.4	98.88	96.60
135.0	120.9	119.5	118.3	117.2	114.7	112.3	109.7	107.1	104.6	102.5
137.5	126.0	124.3	122.9	121.7	120.5	118.0	115.3	112.8	110.5	108.5
140.0	130.9	129.1	127.6	126.3	125.2	123.6	121.0	118.5	116.4	114.6
142.5	135.7	134.0	132.4	130.9	129.5	128.2	126.7	124.3	122.4	120.9
145.0	139.6	138.8	136.9	135.3	133.8	132.4	131.1	130.1	128.5	127.4
147.5	143.3	143.2	141.3	139.5	137.9	136.6	135.5	134.6	134.0	134.0
150.0	146.4	146.3	145.4	143.7	142.2	140.9	140.0	139.2	138.9	139.0
152.5	149.4	149.2	149.2	148.0	146.6	145.5	144.6	144.1	143.9	143.9
155.0	152.3	152.2	152.2	152.5	151.3	150.3	149.5	149.1	149.0	148.9
157.5	155.5	155.3	155.4	155.6	156.0	155.2	154.6	154.3	154.0	154.0
160.0	158.8	158.6	158.6	158.8	159.2	159.8	159.8	159.3	159.1	159.1
162.5	162.1	161.9	161.9	162.1	162.4	162.8	163.3	163.8	164.2	164.1
165.0	165.5	165.3	165.2	165.3	165.4	165.7	166.1	166.5	167.0	167.5
167.5	168.6	168.4	168.3	168.3	168.4	168.6	168.8	169.1	169.4	169.9
170.0	171.5	171.4	171.2	171.2	171.2	171.3	171.4	171.6	171.9	172.4
172.5	174.3	174.1	173.9	173.8	173.8	173.9	174.0	174.3	174.5	174.9
175.0	176.8	176.7	176.7	176.6	176.7	176.7	176.8	176.9	177.1	177.2
177.5	179.5	179.4	179.4	179.4	179.4	179.3	179.4	179.4	179.5	179.5
180.0	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9

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	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	540.7	540.5	540.4	540.3	540.3	540.2	540.2	540.2	540.3	540.3
5.0	536.9	536.7	536.6	536.4	536.4	536.2	536.2	536.2	536.1	536.2
7.5	532.9	532.8	532.7	532.5	532.4	532.2	532.1	532.0	531.9	531.8
10.0	528.9	528.8	528.7	528.6	528.5	528.2	528.0	527.8	527.5	527.1
12.5	524.6	524.7	524.7	524.6	524.5	524.2	523.9	523.5	522.9	522.4
15.0	520.3	520.5	520.7	520.7	520.6	520.2	519.7	519.0	518.2	517.4
17.5	511.4	510.7	510.1	509.6	509.3	509.0	509.0	508.9	509.1	509.4
20.0	499.8	499.3	498.8	498.3	498.0	497.7	497.5	497.3	497.3	497.4
22.5	488.2	487.8	487.5	487.1	486.7	486.4	486.0	485.7	485.4	485.2
25.0	476.4	476.3	476.2	475.8	475.5	475.0	474.5	474.0	473.4	472.8
27.5	464.7	464.8	464.8	464.5	464.2	463.6	463.0	462.2	461.4	460.3
30.0	452.8	453.2	453.4	453.3	452.9	452.3	451.5	450.5	449.2	447.8
32.5	439.0	438.1	437.5	436.8	436.3	435.8	435.5	435.4	435.1	435.1
35.0	421.8	421.2	420.7	420.2	419.6	419.1	418.7	418.3	417.8	417.6
37.5	404.7	404.3	403.9	403.6	403.0	402.4	401.9	401.3	400.6	400.0
40.0	387.5	387.4	387.2	386.9	386.3	385.7	385.1	384.2	383.3	382.3
42.5	370.4	370.5	370.4	370.2	369.7	369.1	368.3	367.2	366.1	364.8
45.0	353.3	353.5	353.6	353.6	353.1	352.4	351.5	350.2	348.9	347.3
47.5	335.2	334.3	333.6	333.2	332.6	332.0	331.5	330.9	330.6	329.8
50.0	314.5	313.6	313.1	312.7	312.1	311.5	310.8	310.1	309.6	308.9
52.5	293.8	293.0	292.5	292.2	291.6	291.0	290.1	289.3	288.5	287.7
55.0	273.1	272.5	272.0	271.6	271.1	270.4	269.5	268.5	267.5	266.5
57.5	252.4	251.9	251.5	251.1	250.7	249.9	248.9	247.7	246.6	245.4
60.0	231.8	231.4	231.0	230.6	230.2	229.4	228.3	227.0	225.7	224.4
62.5	210.7	210.0	209.3	208.8	208.3	207.6	206.6	205.5	204.5	203.4
65.0	188.8	188.2	187.5	186.9	186.5	185.7	184.7	183.6	182.5	181.4
67.5	167.0	166.4	165.7	165.1	164.6	163.9	162.8	161.7	160.6	159.5
70.0	145.2	144.6	143.9	143.2	142.8	142.0	141.0	139.9	138.8	137.8
72.5	123.4	122.8	122.1	121.4	121.0	120.2	119.1	118.1	117.1	116.1
75.0	101.7	101.0	100.3	99.57	99.12	98.38	97.34	96.36	95.40	94.51
77.5	83.30	83.45	83.40	83.05	82.70	82.03	80.83	79.43	77.78	75.92
80.0	66.75	66.90	66.92	66.65	66.29	65.81	64.83	63.70	62.35	60.84
82.5	50.23	50.35	50.44	50.25	49.88	49.59	48.85	47.99	46.97	45.83
85.0	33.73	33.81	33.96	33.84	33.47	33.38	32.89	32.31	31.63	30.87
87.5	17.23	17.28	17.49	17.44	17.05	17.18	16.93	16.64	16.31	15.95
90.0	0.7469	0.7470	1.013	1.036	0.6403	0.9711	0.9710	0.9711	1.004	1.055
92.5	5.312	4.764	4.537	4.219	3.761	4.230	4.612	5.120	5.601	6.028
95.0	9.865	8.774	8.056	7.400	6.882	7.487	8.248	9.261	10.19	10.99
97.5	14.39	12.77	11.57	10.58	10.00	10.74	11.87	13.39	14.76	15.93
100.0	18.88	16.74	15.07	13.75	13.12	13.99	15.49	17.48	19.30	20.85
102.5	23.31	20.67	18.55	16.92	16.24	17.23	19.08	21.55	23.81	25.72
105.0	28.06	24.90	22.20	20.14	19.37	20.52	22.86	25.94	28.75	31.04
107.5	33.48	30.45	27.89	26.00	25.31	26.45	28.81	31.81	34.54	36.77
110.0	38.90	35.99	33.58	31.86	31.26	32.38	34.75	37.69	40.32	42.51
112.5	44.32	41.54	39.27	37.73	37.20	38.31	40.68	43.55	46.02	48.25
115.0	49.73	47.10	44.96	43.59	43.15	44.23	46.60	49.41	51.89	54.01
117.5	55.15	52.67	50.66	49.47	49.10	50.15	52.51	55.27	57.67	59.78
120.0	61.27	58.65	56.58	55.40	55.04	56.13	58.54	61.30	63.79	65.82
122.5	67.83	65.43	63.60	62.76	62.74	63.74	65.37	67.58	70.15	71.91
125.0	74.41	72.23	70.65	70.14	70.43	71.41	72.27	73.78	76.53	78.06
127.5	80.99	79.05	77.74	77.55	78.12	79.15	79.23	79.92	82.93	84.32
130.0	87.60	85.87	84.87	84.97	85.81	86.89	86.22	86.04	89.33	90.69
132.5	94.27	92.73	92.04	92.42	93.50	94.66	93.26	92.12	95.70	97.11
135.0	100.7	99.49	99.19	99.87	101.2	102.4	100.5	99.54	102.6	103.9
137.5	107.1	106.1	106.1	106.8	108.2	109.7	108.6	108.2	109.8	111.4
140.0	113.6	112.8	112.9	113.8	115.2	117.0	116.5	117.0	117.2	118.9
142.5	120.2	119.7	119.9	120.8	122.2	124.1	124.4	125.8	124.9	126.2
145.0	126.8	126.5	126.8	127.8	129.2	131.2	132.1	134.0	133.2	133.8
147.5	133.6	133.5	133.8	134.8	136.2	138.2	139.8	142.1	142.1	141.6
150.0	139.2	139.7	140.5	141.7	143.3	145.1	146.8	148.0	149.3	147.8
152.5	144.2	144.6	145.4	146.6	148.0	149.8	151.5	153.3	154.7	154.0
155.0	149.2	149.5	150.3	151.4	152.7	154.4	156.1	157.7	159.4	159.9
157.5	154.1	154.5	155.3	156.3	157.5	159.0	160.6	162.2	163.9	165.2
160.0	159.1	159.5	160.3	161.1	162.2	163.6	165.2	166.6	168.2	169.8
162.5	164.1	164.6	165.3	166.0	167.0	168.2	169.6	171.1	172.5	174.1
165.0	168.2	169.1	170.0	170.8	171.7	172.7	173.8	174.8	175.7	176.5
167.5	170.6	171.3	172.0	172.6	173.4	174.3	175.2	176.0	176.8	177.6
170.0	172.9	173.4	173.9	174.5	175.1	175.8	176.5	177.3	178.0	178.6
172.5	175.2	175.5	175.9	176.3	176.8	177.3	177.9	178.4	179.0	179.6
175.0	177.4	177.6	177.9	178.2	178.5	178.8	179.2	179.6	180.0	180.4
177.5	179.6	179.7	179.9	180.0	180.2	180.4	180.5	180.7	181.0	181.2
180.0	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9

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	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2	544.2
2.5	540.4	540.5	540.6	540.7	540.9	541.1	541.3	541.5	541.8	542.0
5.0	536.2	536.3	536.4	536.5	536.7	537.0	537.3	537.6	538.1	538.6
7.5	531.7	531.6	531.6	531.7	531.8	532.0	532.3	532.7	533.2	533.8
10.0	526.9	526.6	526.4	526.2	526.1	526.1	526.3	526.6	527.0	527.6
12.5	521.8	521.2	520.6	520.1	519.6	519.3	519.2	519.3	519.6	520.3
15.0	516.4	515.3	514.3	513.3	512.4	511.7	511.2	511.1	511.3	511.7
17.5	509.9	509.2	507.5	505.9	504.5	503.4	502.5	501.9	501.7	502.1
20.0	497.6	497.9	498.6	498.2	496.2	494.3	492.9	491.8	491.2	491.3
22.5	484.9	485.0	485.5	486.2	487.2	484.6	482.5	481.0	480.1	479.7
25.0	472.2	471.9	471.8	472.2	473.0	474.4	471.6	469.3	467.8	467.2
27.5	459.3	458.5	458.0	457.8	458.2	459.2	460.0	457.0	454.8	453.7
30.0	446.3	445.0	443.9	443.2	443.0	443.6	444.8	444.0	441.3	439.5
32.5	433.2	431.3	429.6	428.3	427.6	427.4	428.4	430.2	427.0	424.8
35.0	417.5	417.6	415.2	413.3	411.8	411.1	411.4	412.8	412.1	409.2
37.5	399.6	399.5	399.9	398.1	396.0	394.5	394.0	394.9	396.7	393.1
40.0	381.6	381.0	381.0	381.6	379.8	377.6	376.4	376.7	378.6	376.4
42.5	363.6	362.7	362.2	362.1	362.9	360.6	358.7	358.0	359.3	359.2
45.0	345.7	344.4	343.3	342.7	342.4	343.6	340.6	339.2	339.7	341.6
47.5	327.9	326.1	324.5	323.1	322.0	322.9	322.5	320.2	319.8	322.1
50.0	308.7	307.9	305.8	302.8	301.8	301.9	303.1	301.0	299.7	301.2
52.5	287.2	287.0	287.5	283.3	281.7	280.9	281.3	281.9	279.5	280.0
55.0	265.7	265.3	264.6	263.7	261.8	260.2	259.8	261.0	259.1	257.4
57.5	244.4	243.5	241.9	241.5	241.8	239.7	238.4	238.6	238.5	236.3
60.0	223.1	222.0	220.2	219.4	219.2	219.6	217.3	216.4	217.8	215.1
62.5	202.0	200.6	198.9	197.8	197.0	196.9	196.6	194.7	194.9	193.9
65.0	180.3	179.3	177.7	176.2	175.1	174.4	174.5	173.4	172.3	173.0
67.5	158.4	157.4	156.3	155.1	153.5	152.4	151.9	152.3	150.5	150.7
70.0	136.7	135.7	134.6	133.5	132.3	131.0	130.0	129.6	129.4	127.6
72.5	115.1	114.2	113.2	112.2	111.1	109.9	108.7	107.9	107.9	106.4
75.0	93.66	92.87	92.07	91.20	90.31	89.30	88.16	86.97	86.38	86.38
77.5	73.81	71.75	71.20	70.60	69.99	69.29	68.41	67.29	66.24	66.00
80.0	59.11	57.15	54.92	52.34	50.06	49.82	49.40	48.73	47.63	46.84
82.5	44.52	43.03	41.32	39.34	37.06	34.46	31.43	31.11	30.74	29.88
85.0	30.01	29.02	27.87	26.55	24.99	23.22	21.12	18.66	15.63	15.10
87.5	15.55	15.09	14.54	13.90	13.12	12.25	11.18	9.906	8.354	6.900
90.0	1.120	1.190	1.265	1.326	1.344	1.410	1.414	1.438	1.494	1.494
92.5	6.296	5.695	5.106	4.458	3.847	3.363	2.828	2.234	1.785	1.599
95.0	11.48	10.23	8.996	7.638	6.394	5.374	4.315	3.123	2.139	2.575
97.5	16.68	14.83	12.98	10.91	9.030	7.500	5.943	5.594	5.472	5.186
100.0	21.91	19.51	17.11	14.33	12.30	12.03	11.31	10.40	9.559	8.891
102.5	27.17	24.39	22.43	21.06	20.98	19.14	17.40	15.56	14.61	13.71
105.0	32.82	30.85	29.51	29.00	29.99	26.83	24.11	22.38	21.09	19.46
107.5	38.52	37.28	36.48	36.81	38.66	35.21	32.90	31.95	29.11	27.39
110.0	44.27	43.68	43.33	44.38	46.94	44.08	42.69	43.96	39.72	38.21
112.5	50.02	50.04	50.06	51.47	52.71	52.31	51.81	55.61	51.30	53.56
115.0	55.81	56.29	56.28	56.94	58.26	59.57	60.08	61.87	61.66	63.92
117.5	61.56	62.13	62.06	62.53	63.94	65.25	66.52	67.21	68.57	69.45
120.0	67.37	68.00	67.95	68.23	69.67	70.83	71.62	72.31	74.05	74.63
122.5	73.31	73.94	73.91	74.14	75.26	76.36	77.06	77.72	78.65	79.67
125.0	79.40	79.99	79.94	80.19	80.91	82.04	82.79	83.58	83.82	84.69
127.5	85.63	86.08	86.08	86.52	87.05	87.80	88.90	89.52	89.42	90.34
130.0	91.89	92.36	92.58	92.90	93.60	94.17	95.02	95.35	95.40	96.23
132.5	98.00	99.00	99.25	99.42	100.3	101.1	101.0	101.1	101.7	102.7
135.0	103.4	105.8	106.1	106.2	106.9	108.0	105.6	106.5	107.9	109.1
137.5	108.0	112.3	113.0	113.2	113.8	113.3	109.1	109.2	112.5	114.7
140.0	114.0	117.7	120.2	120.5	120.1	119.6	117.9	111.6	111.0	117.0
142.5	123.7	120.9	127.0	127.2	126.5	126.0	126.0	124.3	118.3	117.4
145.0	134.0	124.9	131.8	133.9	133.3	133.0	132.8	133.3	132.9	131.5
147.5	141.6	137.1	135.5	140.5	140.5	140.1	140.3	140.7	140.1	140.2
150.0	147.9	147.9	143.3	146.0	148.3	148.0	147.9	147.6	147.0	147.0
152.5	154.0	154.7	154.4	152.7	155.5	157.0	156.3	154.5	153.9	154.0
155.0	160.0	160.9	161.9	162.4	163.2	165.4	163.9	162.2	161.1	160.9
157.5	165.8	166.7	168.0	169.4	170.7	169.9	169.2	168.5	168.0	167.8
160.0	171.1	172.3	173.7	174.4	174.0	173.6	173.3	173.1	173.0	173.1
162.5	175.6	176.4	176.7	176.8	176.8	176.8	176.8	176.8	177.0	177.3
165.0	177.2	177.8	178.3	178.7	179.0	179.3	179.5	179.8	180.2	180.9
167.5	178.3	179.0	179.6	180.2	180.6	181.1	181.5	181.9	182.4	182.6
170.0	179.3	179.9	180.5	181.1	181.6	182.2	182.7	183.2	183.7	184.2
172.5	180.1	180.6	181.2	181.7	182.2	182.7	183.1	183.6	184.1	184.6
175.0	180.8	181.2	181.6	182.0	182.4	182.8	183.1	183.5	183.8	184.2
177.5	181.4	181.6	181.8	182.0	182.2	182.5	182.7	182.9	183.0	183.2
180.0	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9	181.9

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	350.0	355.0
0.0	544.2	544.2
2.5	542.3	542.7
5.0	539.1	539.7
7.5	534.5	535.3
10.0	528.5	529.5
12.5	521.1	522.3
15.0	512.6	513.9
17.5	502.9	504.2
20.0	492.1	493.5
22.5	480.2	481.6
25.0	467.5	468.9
27.5	453.8	455.0
30.0	439.2	440.4
32.5	424.0	424.8
35.0	408.0	408.6
37.5	391.3	391.7
40.0	374.1	374.1
42.5	356.2	355.8
45.0	337.9	337.1
47.5	319.0	317.7
50.0	299.7	297.8
52.5	279.0	276.8
55.0	258.6	256.1
57.5	238.0	235.0
60.0	215.7	213.7
62.5	193.4	192.2
65.0	171.2	170.6
67.5	148.7	149.1
70.0	127.1	127.8
72.5	106.1	106.8
75.0	85.10	85.18
77.5	64.99	64.72
80.0	46.94	45.87
82.5	29.35	28.79
85.0	14.54	14.40
87.5	3.359	3.271
90.0	1.489	1.485
92.5	1.537	1.538
95.0	2.152	1.448
97.5	4.519	4.009
100.0	8.202	7.876
102.5	12.80	12.63
105.0	18.58	18.68
107.5	26.31	26.60
110.0	36.67	36.21
112.5	51.03	49.34
115.0	63.16	62.87
117.5	70.06	69.24
120.0	75.56	75.13
122.5	80.98	80.45
125.0	85.96	85.46
127.5	90.83	90.22
130.0	96.23	95.72
132.5	101.9	101.6
135.0	108.8	109.3
137.5	115.3	116.2
140.0	120.3	122.5
142.5	122.1	127.0
145.0	131.5	133.8
147.5	141.0	142.5
150.0	147.8	149.2
152.5	154.7	156.1
155.0	161.5	162.7
157.5	168.0	168.8
160.0	173.5	174.2
162.5	177.7	178.4
165.0	181.2	181.9
167.5	183.4	184.1
170.0	184.8	185.3
172.5	185.0	185.5
175.0	184.5	184.8
177.5	183.4	183.6
180.0	181.9	181.9

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: