

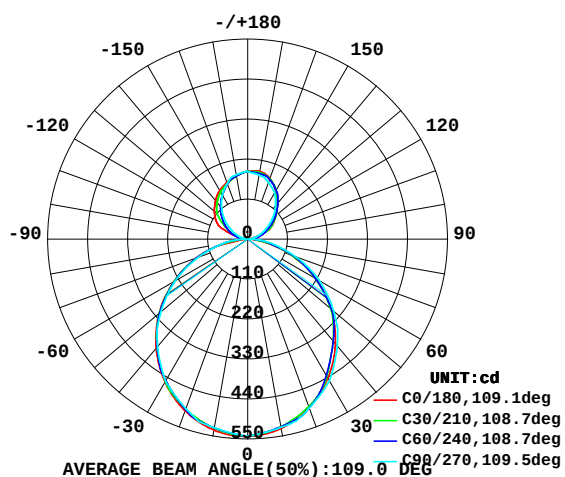
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

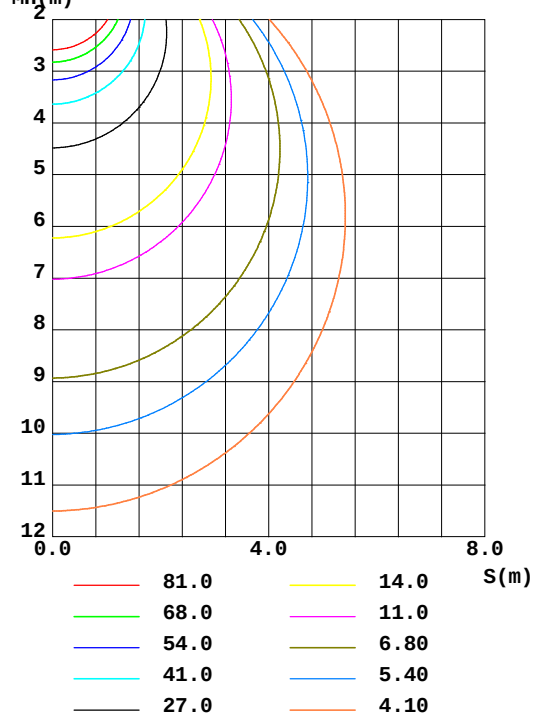
EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.40 lm/W			
MODEL		I _{max} (cd)	542.6	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)	1962.0	η UP, DN(C0-180)	12.8, 36.9
NOMINAL FLUX(lm)	1962.01	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.1, 38.2
LAMPS INSIDE	1	η up(%)	24.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	75.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



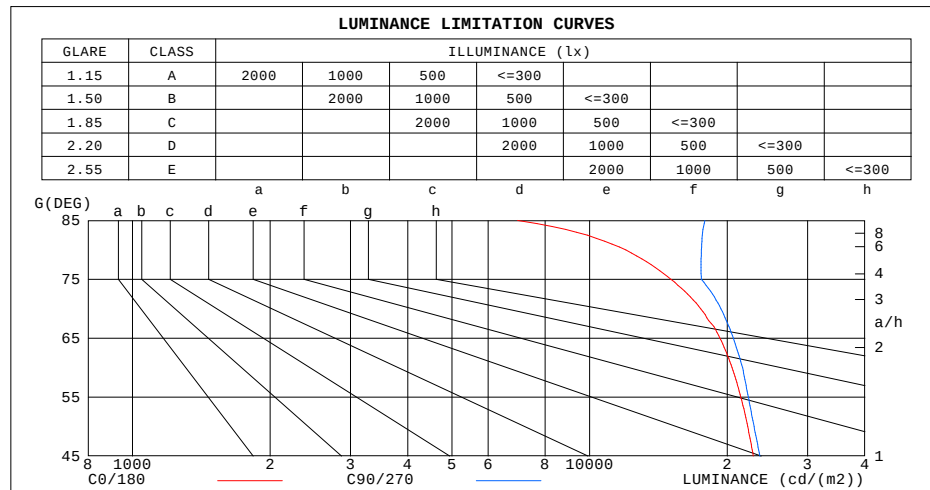
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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	538.6	534.5	534.3	536.2	541.0	536.5	534.8	534.9	0- 5	12.87	12.87	0.66, 0.66
10	529.0	524.0	526.1	527.1	533.6	527.6	527.1	524.7	5- 10	38.01	50.88	2.59, 2.59
15	514.0	510.8	517.9	515.3	520.8	515.6	519.3	511.9	10- 15	61.78	112.7	5.74, 5.74
20	494.1	495.6	495.3	501.3	503.1	501.5	496.8	497.0	15- 20	83.36	196.0	9.99, 9.99
25	469.8	465.6	472.7	476.7	480.9	477.1	474.3	471.1	20- 25	101.6	297.6	15.2, 15.2
30	441.8	432.6	450.1	449.1	454.7	449.6	451.8	442.2	25- 30	116.2	413.8	21.1, 21.1
35	410.4	402.2	416.8	420.7	424.9	421.4	418.7	412.4	30- 35	126.7	540.6	27.6, 27.6
40	375.8	373.0	383.5	390.2	392.1	391.4	385.6	380.9	35- 40	132.8	673.4	34.3, 34.3
45	338.9	334.7	350.2	349.7	356.4	353.5	352.4	342.1	40- 45	134.6	808.0	41.2, 41.2
50	299.4	294.1	309.1	308.1	318.4	315.5	311.6	302.5	45- 50	132.0	940.0	47.9, 47.9
55	258.1	254.0	268.0	261.0	277.7	277.4	270.8	263.5	50- 55	124.1	1064	54.2, 54.2
60	215.2	212.0	226.9	226.9	234.8	233.4	230.0	219.4	55- 60	111.8	1176	59.9, 59.9
65	171.2	170.7	183.1	183.1	191.9	190.2	186.5	176.3	60- 65	95.99	1272	64.8, 64.8
70	125.6	128.9	139.2	112.6	148.3	146.9	142.9	133.7	65- 70	77.74	1350	68.8, 68.8
75	81.91	87.10	95.41	75.00	100.9	102.5	99.34	91.55	70- 75	57.85	1407	71.7, 71.7
80	43.74	48.92	64.06	41.49	28.39	60.41	66.70	52.87	75- 80	37.87	1445	73.7, 73.7
85	12.74	25.03	32.70	21.03	10.97	30.05	34.06	27.27	80- 85	21.00	1466	74.7, 74.7
90	1.419	1.685	1.349	1.629	1.152	0.5182	1.415	2.245	85- 90	7.038	1473	75.1, 75.1
95	0.9688	9.588	8.199	12.55	0.7642	7.597	7.119	9.756	90- 95	2.440	1476	75.2, 75.2
100	7.974	17.91	15.05	24.00	6.845	15.16	12.82	17.63	95-100	6.288	1482	75.5, 75.5
105	19.08	33.92	21.90	41.94	32.07	30.61	18.53	32.69	100-105	11.95	1494	76.1, 76.1
110	37.67	50.43	34.33	59.39	61.08	46.33	30.17	47.98	105-110	19.40	1513	77.1, 77.1
115	67.94	63.73	46.77	72.39	87.41	60.70	41.82	59.47	110-115	27.25	1541	78.5, 78.5
120	79.57	75.55	59.20	83.38	100.5	75.53	53.46	69.72	115-120	32.86	1574	80.2, 80.2
125	90.05	88.14	74.69	94.48	110.6	92.04	68.35	80.99	120-125	37.06	1611	82.1, 82.1
130	101.8	101.0	90.17	105.0	119.8	103.7	83.25	93.19	125-130	40.40	1651	84.1, 84.1
135	114.5	114.9	105.7	116.1	128.9	115.1	98.14	108.1	130-135	42.68	1694	86.3, 86.3
140	127.6	130.0	119.9	127.6	138.2	125.2	112.2	125.0	135-140	43.76	1737	88.6, 88.6
145	140.8	143.5	134.2	136.4	147.0	134.5	126.3	137.2	140-145	43.58	1781	90.8, 90.8
150	154.2	156.3	148.4	145.0	154.5	143.8	140.4	142.4	145-150	41.98	1823	92.9, 92.9
155	167.6	168.7	157.7	154.5	160.4	154.0	152.4	153.8	150-155	38.63	1862	94.9, 94.9
160	178.5	178.9	167.1	164.1	166.7	164.5	164.5	156.6	155-160	33.92	1896	96.6, 96.6
165	186.2	183.0	176.4	169.9	173.1	170.6	176.5	157.9	160-165	28.08	1924	98.98
170	189.5	185.2	179.4	175.3	178.8	176.5	180.3	177.4	165-170	20.95	1945	99.1, 99.1
175	188.7	185.9	182.5	180.6	183.4	182.2	184.0	186.8	170-175	13.00	1958	99.8, 99.8
180	185.5	185.5	185.5	185.5	187.7	187.7	187.7	187.7	175-180	4.424	1962	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



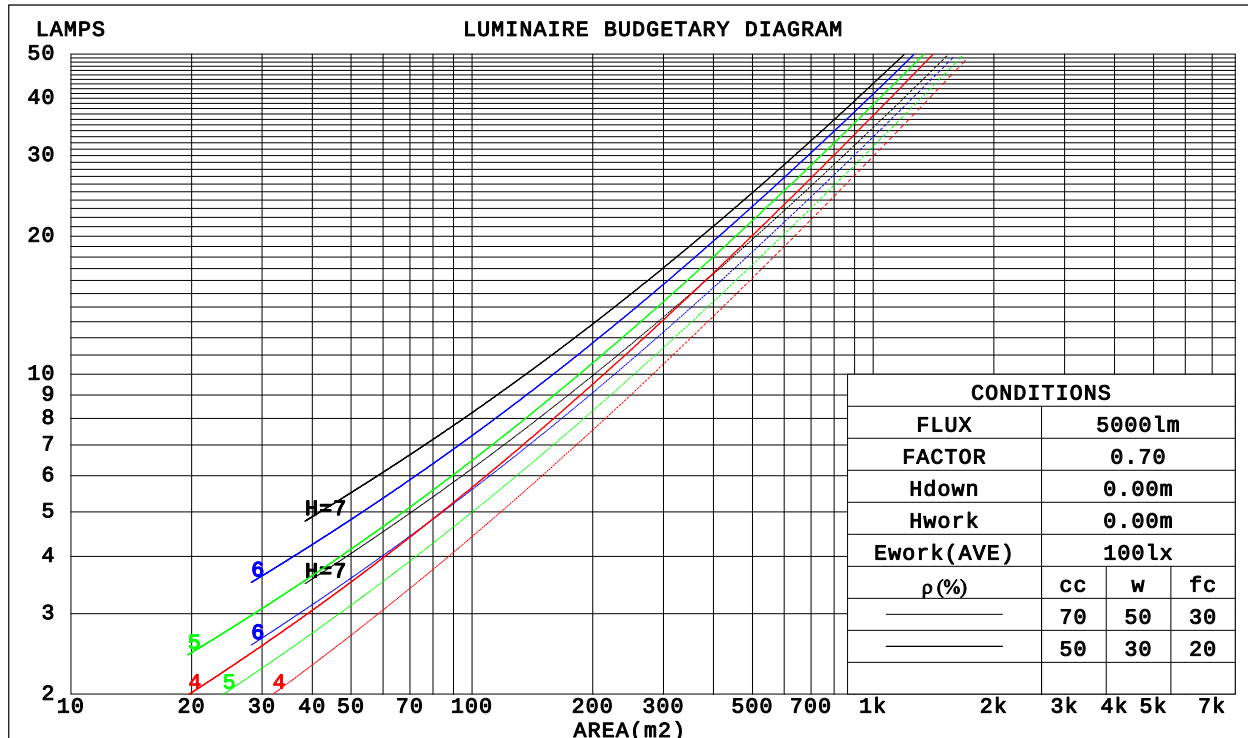
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	.90	.87	.85	.82	.80	.77	.75	.73	.70	.68	.67	.63	
2.0	.86	.80	.74	.82	.76	.71	.75	.70	.66	.68	.64	.61	.61	.59	.56	.53	
3.0	.76	.68	.62	.72	.65	.60	.66	.60	.55	.60	.55	.51	.54	.51	.48	.44	
4.0	.67	.59	.52	.64	.56	.51	.58	.52	.47	.53	.48	.44	.48	.44	.41	.38	
5.0	.60	.51	.45	.57	.49	.44	.52	.46	.41	.48	.42	.38	.44	.39	.36	.33	
6.0	.54	.45	.39	.52	.44	.38	.47	.41	.36	.43	.38	.33	.40	.35	.31	.29	
7.0	.49	.40	.34	.47	.39	.33	.43	.36	.32	.39	.34	.30	.36	.31	.28	.25	
8.0	.44	.36	.31	.43	.35	.30	.39	.33	.28	.36	.31	.26	.33	.28	.25	.23	
9.0	.41	.33	.27	.39	.32	.27	.36	.30	.25	.33	.28	.24	.31	.26	.22	.20	
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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	.051	.252	.144	.046	.227	.131	.042	.204	.118	.038				
2.0	.275	.151	.046	.262	.144	.044	.237	.132	.041	.215	.120	.038	.194	.109	.035				
3.0	.255	.136	.041	.243	.130	.039	.220	.119	.036	.200	.109	.034	.181	.100	.031				
4.0	.235	.122	.036	.225	.118	.035	.204	.108	.032	.185	.100	.030	.168	.091	.028				
5.0	.218	.111	.032	.208	.107	.031	.190	.099	.029	.172	.091	.027	.156	.083	.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	.150	.077	.022	.137	.071	.021				
8.0	.177	.086	.024	.169	.083	.024	.155	.077	.022	.141	.071	.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	.057	.016				

ρcc	80%			70%			50%			30%			10%			0	
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.380	.380	.380	.325	.325	.325	.222	.222	.222	.127	.127	.127	.041	.041	.041		
1.0	.371	.348	.327	.317	.298	.281	.217	.205	.195	.125	.119	.113	.040	.038	.037		
2.0	.363	.325	.293	.311	.279	.253	.213	.193	.176	.123	.112	.103	.039	.036	.034		
3.0	.355	.308	.270	.304	.266	.234	.209	.184	.164	.121	.108	.097	.039	.035	.032		
4.0	.348	.295	.255	.299	.255	.221	.205	.178	.156	.119	.104	.092	.038	.034	.030		
5.0	.341	.285	.244	.293	.247	.212	.202	.172	.150	.117	.101	.089	.038	.033	.029		
6.0	.334	.277	.236	.287	.240	.206	.198	.168	.146	.115	.099	.087	.037	.032	.029		
7.0	.328	.271	.231	.282	.235	.201	.195	.165	.143	.113	.097	.085	.037	.032	.028		
8.0	.322	.265	.226	.277	.230	.197	.192	.162	.140	.112	.095	.083	.036	.031	.028		
9.0	.316	.261	.223	.272	.226	.195	.189	.159	.138	.110	.094	.082	.036	.031	.027		
10.0	.311	.257	.220	.268	.223	.192	.186	.157	.137	.108	.093	.082	.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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	22.4	23.6	24.3	22.0	23.2	22.6	23.8	24.4	
	3H	23.2	24.2	23.8	24.8	25.6	23.4	24.5	24.0	25.1	25.8
	4H	23.6	24.6	24.3	25.3	26.0	24.0	25.0	24.6	25.6	26.3
	6H	23.9	24.8	24.5	25.5	26.2	24.4	25.3	25.1	26.0	26.8
	8H	23.9	24.8	24.6	25.5	26.3	24.6	25.5	25.2	26.1	26.9
	12H	23.9	24.8	24.6	25.4	26.2	24.7	25.6	25.4	26.2	27.0
4H	2H	22.3	23.3	23.0	24.0	24.7	22.5	23.5	23.1	24.1	24.8
	3H	23.8	24.7	24.5	25.3	26.1	24.0	24.9	24.7	25.6	26.3
	4H	24.4	25.2	25.1	25.9	26.7	24.7	25.4	25.4	26.1	27.0
	6H	24.7	25.4	25.5	26.1	27.0	25.2	25.9	26.0	26.6	27.5
	8H	24.8	25.4	25.5	26.2	27.0	25.5	26.1	26.2	26.8	27.7
	12H	24.8	25.4	25.6	26.1	27.0	25.7	26.2	26.4	27.0	27.9
8H	4H	24.5	25.2	25.3	25.9	26.8	24.8	25.4	25.5	26.2	27.0
	6H	25.0	25.5	25.8	26.3	27.2	25.5	26.0	26.3	26.8	27.7
	8H	25.1	25.6	25.9	26.4	27.3	25.8	26.3	26.6	27.1	28.0
	12H	25.2	25.6	26.0	26.4	27.3	26.1	26.5	26.9	27.3	28.3
12H	4H	24.5	25.1	25.3	25.8	26.7	24.8	25.3	25.5	26.1	27.0
	6H	25.0	25.5	25.8	26.3	27.2	25.5	26.0	26.3	26.7	27.7
	8H	25.2	25.6	26.0	26.4	27.3	25.9	26.3	26.7	27.1	28.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 1962 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

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 Test Speed: HIGH
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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

Test:U:120.3V I:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 lm		
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MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

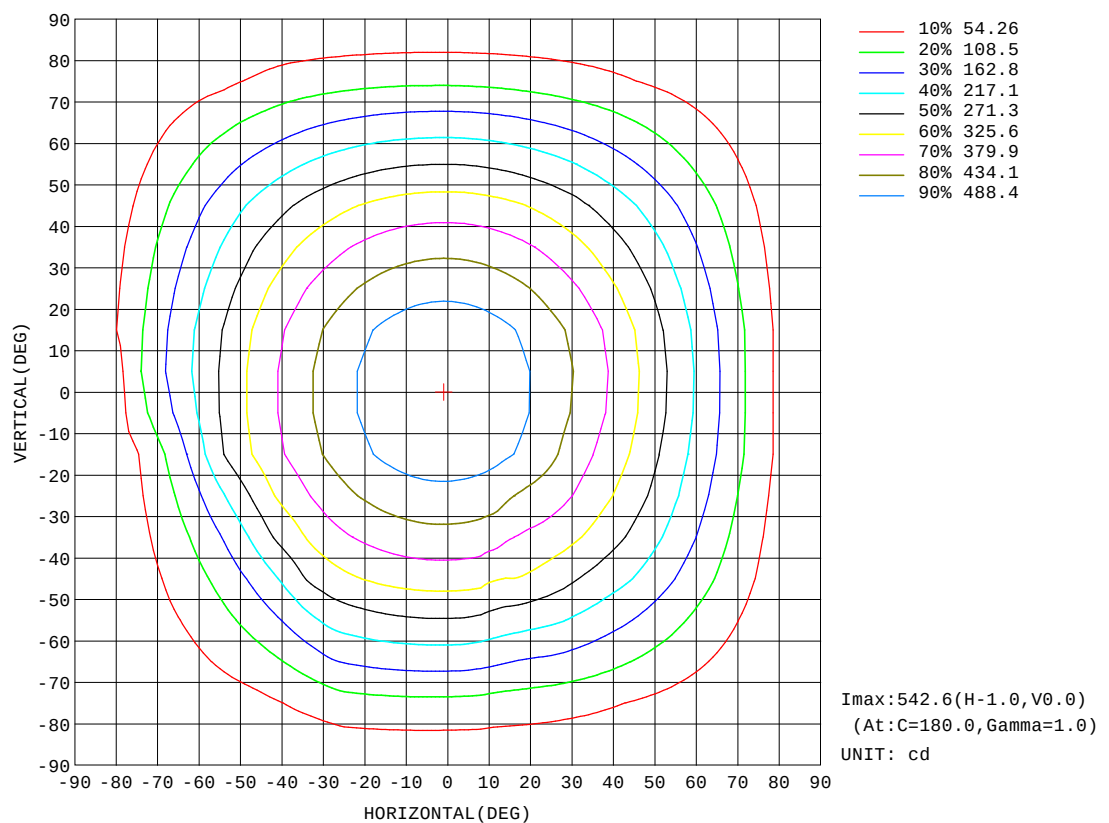
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	40	33	50	39	33	47	37	32	25
0.80	61	49	42	59	48	41	55	46	40	31
1.00	69	58	51	66	56	50	62	55	47	38
1.25	76	65	58	73	63	57	68	60	54	43
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	85	86	82	79	63
5.00	102	97	93	97	93	89	88	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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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:



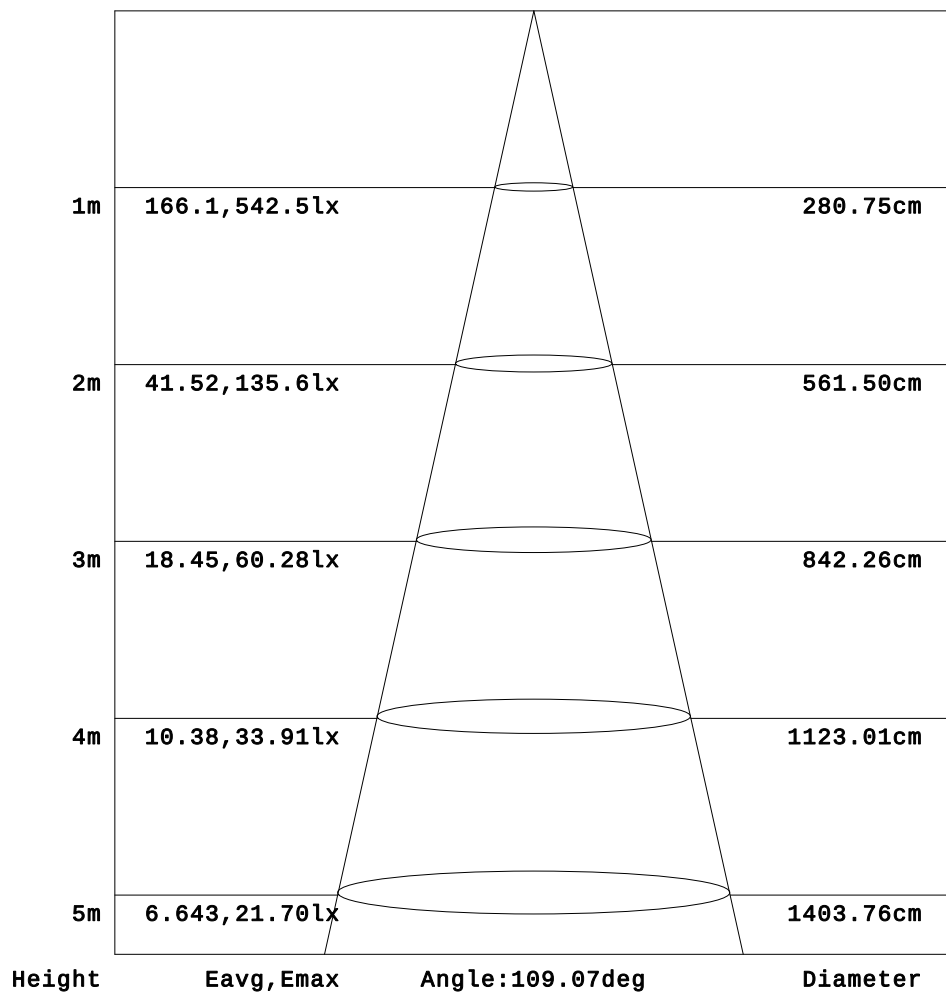
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AAI Figure

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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:1064 lm



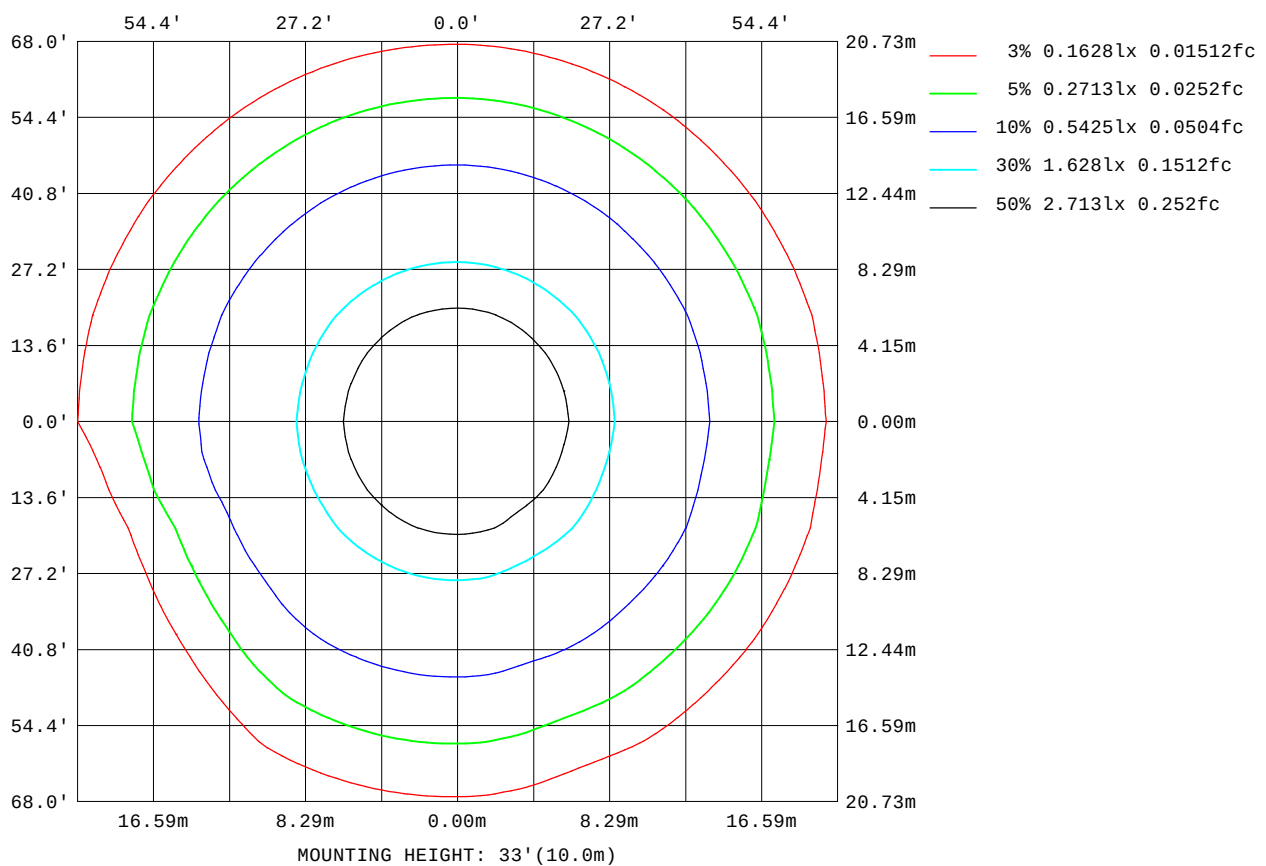
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

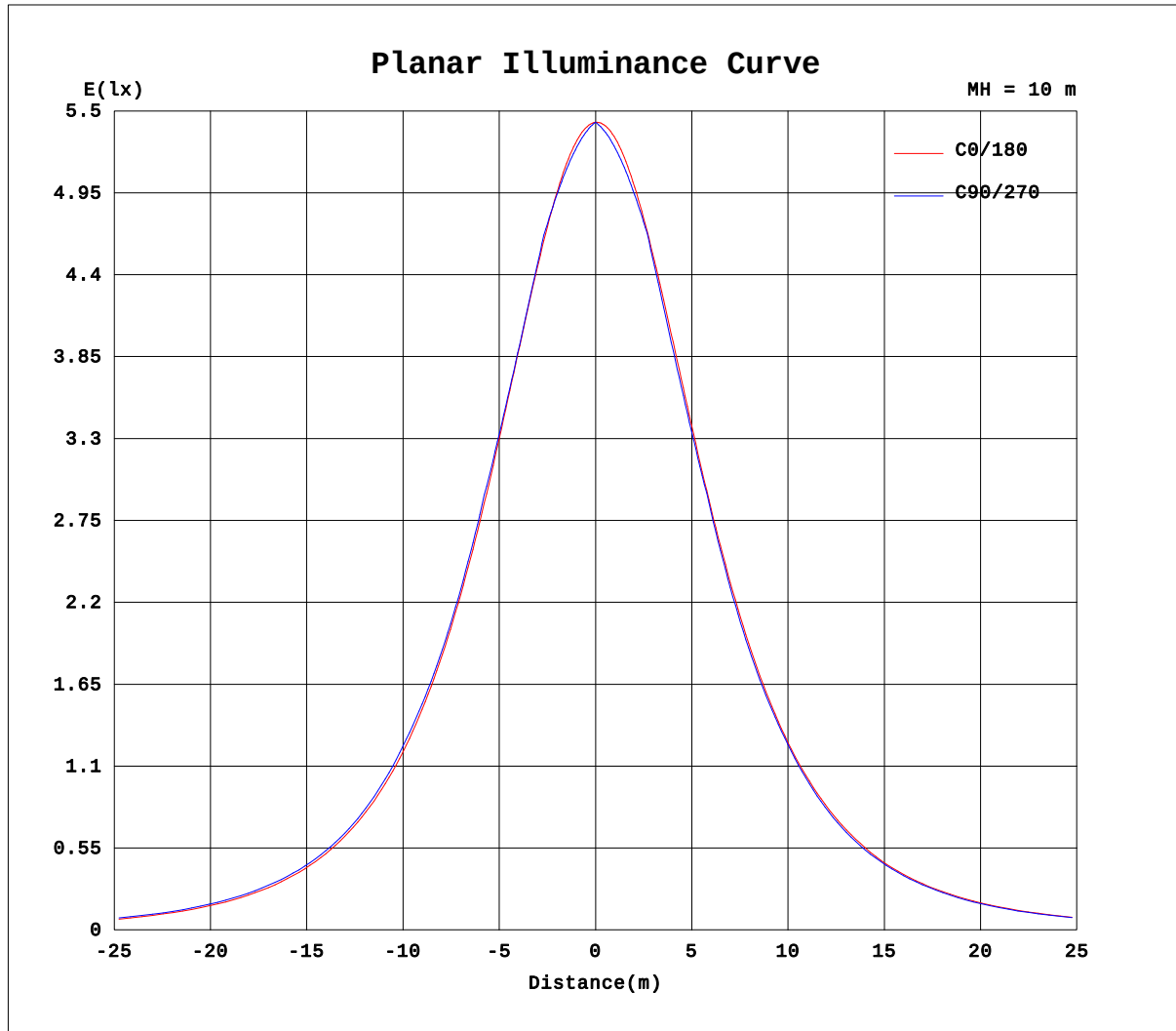
AvgL	cd/m2
L_0~180(65)av	20455
L_0~180(75)av	16816
L_0~180(85)av	6477
L_90~270(65)av	20819
L_90~270(75)av	17916
L_90~270(85)av	18238
L_45(65)av	19510
L_45(75)av	16383
L_45(85)av	14121

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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543
5	539	538	537	537	536	536	535	535	535	535	534	534	534	534	534	534	534	534	534
10	529	528	527	526	525	525	524	524	524	524	524	524	525	525	525	525	526	526	526
15	514	512	511	510	509	509	509	509	510	511	512	513	514	515	516	516	517	518	518
20	494	492	490	489	489	490	491	492	494	496	496	495	495	495	495	495	495	495	495
25	470	467	464	463	464	465	468	471	468	466	464	464	468	470	470	471	472	472	473
30	442	437	433	431	432	434	436	436	434	433	430	430	433	442	446	447	449	449	450
35	410	404	400	398	398	398	399	401	402	402	400	397	398	403	412	414	416	416	417
40	376	370	367	365	365	365	366	369	372	373	370	368	367	368	372	377	382	383	384
45	339	333	331	332	330	331	334	339	336	335	334	335	336	338	336	339	349	350	350
50	299	294	293	293	293	296	299	296	295	294	296	299	301	302	299	298	307	309	309
55	258	252	252	251	254	257	256	255	254	254	254	257	257	257	256	257	264	267	268
60	215	210	210	211	214	213	213	215	213	212	213	214	215	213	212	215	221	226	227
65	171	168	168	170	169	170	171	170	170	171	172	174	174	171	170	173	178	182	183
70	126	126	125	125	127	127	127	127	128	129	130	130	131	130	129	131	135	138	139
75	81.9	83.7	82.7	84.7	84.2	84.3	85.0	85.8	86.5	87.1	87.7	88.2	88.6	88.9	89.2	89.5	92.0	94.6	95.4
80	43.7	44.4	46.1	45.4	45.6	46.4	46.8	46.8	46.7	48.9	51.4	53.7	55.5	57.2	58.5	59.3	61.3	63.4	64.1
85	12.7	14.4	13.9	14.1	14.3	17.3	19.7	21.8	23.5	25.0	26.3	27.5	28.5	29.3	30.0	30.4	31.3	32.4	32.7
90	1.42	2.09	2.08	2.01	1.94	1.88	1.86	1.78	1.71	1.69	1.66	1.65	1.64	1.63	1.57	1.52	1.50	1.37	1.35
95	0.97	2.78	2.95	3.27	2.95	4.22	5.53	6.79	8.14	9.59	11.0	12.2	13.4	12.5	11.5	10.4	9.41	8.57	8.20
100	7.97	9.59	10.3	10.6	11.1	12.2	13.5	14.7	15.6	17.9	20.6	23.1	25.0	23.3	21.3	19.2	17.3	15.8	15.0
105	19.1	20.5	21.5	22.7	24.3	25.7	27.5	31.2	34.8	33.9	34.2	35.4	36.4	34.1	31.4	28.2	25.3	23.0	21.9
110	37.7	39.3	40.5	42.9	45.1	50.1	47.8	50.5	53.1	50.4	48.9	48.5	47.7	45.6	43.2	40.4	37.6	35.3	34.3
115	67.9	68.1	67.9	68.8	67.5	67.9	66.1	65.7	64.8	63.7	62.4	60.7	59.1	57.3	55.1	52.6	49.9	47.7	46.8
120	79.6	79.3	79.9	79.3	79.4	78.4	77.8	77.4	76.5	75.6	74.5	73.2	71.7	70.1	68.0	65.3	62.4	60.1	59.2
125	90.0	89.6	90.5	90.0	89.8	90.0	89.3	88.9	88.6	88.1	87.3	86.4	85.6	84.5	83.0	80.5	78.1	75.9	74.7
130	102	101	102	102	102	102	102	102	101	101	101	100	100	99.4	98.1	95.9	93.7	91.7	90.2
135	115	114	114	115	115	114	115	116	115	115	115	115	115	114	113	111	109	107	106
140	128	127	127	128	129	128	128	128	129	130	130	130	130	129	128	126	124	122	120
145	141	140	140	140	142	142	142	142	143	143	144	145	145	144	142	140	138	136	134
150	154	153	153	153	154	156	157	156	156	156	157	157	157	156	155	154	152	150	148
155	168	167	166	166	167	167	168	170	169	169	168	168	167	166	164	163	161	159	158
160	179	178	177	177	177	177	177	178	178	179	178	177	176	175	173	171	170	168	167
165	186	185	185	184	184	184	184	183	183	183	183	182	182	181	180	179	178	177	176
170	190	189	189	188	188	187	187	186	186	185	185	184	184	183	182	182	181	180	179
175	189	188	188	188	188	187	187	187	186	186	185	185	185	184	184	184	183	183	182
180	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543
5	534	535	535	535	535	535	536	536	536	537	537	537	538	538	539	540	540	541	540
10	526	526	527	527	527	527	527	527	527	527	528	528	529	529	530	531	532	534	532
15	518	518	518	518	517	517	516	516	515	515	515	515	515	515	516	517	519	521	519
20	496	496	497	497	498	499	500	501	501	500	499	498	497	497	498	499	501	503	501
25	473	473	474	474	474	474	475	476	477	478	480	478	476	476	476	476	478	481	478
30	450	451	451	450	450	450	449	449	449	450	451	453	453	451	450	450	452	455	452
35	417	418	419	420	420	422	423	422	421	420	420	420	423	423	423	421	420	422	425
40	384	385	385	385	386	386	387	388	390	388	385	384	385	390	389	388	389	392	389
45	351	351	351	351	351	351	351	351	350	348	347	345	347	350	355	353	353	356	353
50	310	311	311	312	313	315	315	312	308	301	299	303	299	300	311	316	315	318	315
55	269	270	270	271	272	272	272	268	261	249	244	240	238	242	257	275	273	278	275
60	228	228	229	229	230	230	225	216	205	195	187	183	180	180	193	209	218	235	233
65	184	185	186	186	187	187	177	165	155	148	141	135	132	131	133	144	160	192	191
70	140	141	142	143	143	141	130	121	113	106	101	97.0	93.2	91.0	90.4	93.3	104	148	147
75	96.3	97.2	98.0	98.9	99.6	94.9	87.6	81.3	75.0	70.0	67.1	64.2	60.2	58.3	55.8	55.0	54.9	101	99.1
80	64.6	64.9	65.1	65.0	64.6	59.1	53.3	48.0	41.5	36.8	36.6	35.8	33.9	32.6	31.9	30.6	29.3	28.4	55.9
85	33.0	33.2	33.3	33.3	33.0	30.1	27.2	24.4	21.0	18.6	17.2	15.9	14.5	13.8	14.9	16.2	15.4	11.0	20.4
90	1.42	1.50	1.49	1.54	1.57	1.58	1.59	1.60	1.63	1.64	1.64	1.61	1.61	1.64	1.51	1.37	1.19	1.15	0.20
95	8.52	9.14	10.2	11.4	12.7	14.2	14.6	14.1	12.5	10.7	8.39	6.64	4.79	3.07	3.93	3.10	1.63	0.76	0.61
100	15.6	16.7	18.8	21.1	23.8	26.6	27.6	26.9	24.0	21.3	19.6	19.3	18.0	16.6	15.7	14.7	12.9	6.85	6.71
105	22.7	24.4	27.6	30.8	34.6	38.5	40.5	41.5	41.9	43.9	43.5	42.4	39.0	38.1	35.3	33.5	31.4	32.1	16.8
110	35.0	36.3	39.0	42.0	45.7	49.5	52.8	55.9	59.4	64.7	65.5	64.4	65.5	64.1	62.8	61.0	59.3	61.1	42.2
115	47.2	48.2	50.3	53.0	56.6	60.5	64.4	68.6	72.4	76.1	79.2	81.6	84.1	84.5	86.3	85.2	85.2	87.4	72.8
120	59.6	60.3	62.1	64.7	68.2	72.1	75.9	79.7	83.4	86.9	90.3	92.5	94.8	97.1	97.5	98.3	98.1	101	93.8
125	74.4	74.6	75.9	77.9	80.9	84.1	87.6	91.1	94.5	97.4	99.9	102	105	106	107	108	108	111	109
130	89.3	89.0	89.7	91.2	93.8	96.5	99.4	102	105	108	110	113	114	115	116	117	117	120	118
135	104	104	104	105	106	108	111	113	116	118	121	122	123	124	126	126	126	129	127
140	118	118	117	118	119	120	122	125	128	129	130	131	133	134	134	135	135	138	137
145	133	132	131	131	132	133	134	135	136	138	139	141	142	143	143	143	144	147	145
150	147	146	145	144	144	143	144	144	145	146	148	149	150	150	150	151	151	154	153
155	156	155	154	154	154	154	154	154	154	155	157	156	156	156	156	157	158	160	159
160	166	165	164	164	164	164	164	164	164	163	163	163	162	163	163	163	164	167	166
165	175	175	174	173	172	172	171	170	170	170	169	169	169	169	169	170	170	173	172
170	179	178	178	177	177	176	176	176	175	175	175	175	175	175	176	176	176	179	178
175	182	182	182	181	181	181	181	181	181	181	180	180	180	181	181	181	181	183	183
180	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	186	188	188

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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543
5	540	539	539	538	538	537	537	536	536	536	536	535	535	535	535	535	535	535	535
10	531	530	529	529	528	528	528	528	527	527	527	527	527	527	527	527	527	527	527
15	517	516	515	515	515	515	515	516	516	517	518	518	519	519	519	519	519	519	519
20	499	498	497	498	498	499	500	502	502	500	499	499	498	498	497	497	497	497	496
25	476	476	476	477	478	480	478	477	476	476	475	475	475	475	475	475	474	474	474
30	450	450	451	452	453	451	450	450	450	450	450	451	452	452	452	452	452	451	451
35	420	421	423	423	421	421	421	421	423	424	423	422	421	420	419	419	419	418	418
40	388	389	390	388	388	389	391	391	390	388	388	387	387	386	386	386	386	385	385
45	353	355	353	353	354	357	355	353	353	353	353	353	353	353	353	353	352	352	351
50	316	317	315	317	318	316	315	316	316	317	316	315	314	313	313	312	312	311	311
55	277	275	275	277	276	276	276	277	276	275	274	274	273	272	272	271	271	270	269
60	235	233	235	233	234	236	234	233	233	233	232	232	232	231	231	230	230	229	228
65	190	192	190	191	192	191	190	190	190	191	190	189	189	188	188	187	186	186	185
70	147	146	147	147	147	147	147	147	147	147	146	146	145	145	144	143	143	142	141
75	100	99.9	100	101	103	102	102	103	104	104	103	102	102	101	100	99.7	99.3	98.7	97.8
80	55.0	54.9	55.9	56.5	56.4	54.9	57.0	60.4	64.2	65.6	66.3	66.7	67.0	67.2	67.3	67.0	66.7	66.4	65.5
85	20.6	20.0	19.4	21.4	23.1	24.5	28.0	30.1	32.1	33.1	33.7	33.9	34.1	34.3	34.5	34.4	34.1	34.2	33.8
90	0.25	0.29	0.36	0.35	0.34	0.39	0.48	0.52	0.62	0.90	1.20	1.26	1.33	1.42	1.78	1.86	1.42	1.99	2.06
95	0.93	1.25	0.70	1.89	3.28	4.58	5.93	7.60	9.97	11.7	12.8	12.1	10.8	9.69	8.73	7.82	7.12	7.67	8.16
100	6.87	7.32	7.99	9.05	10.7	11.8	12.3	15.2	19.8	22.7	24.5	22.8	20.2	17.9	15.6	13.8	12.8	13.3	14.2
105	17.3	17.7	20.4	21.2	25.2	28.4	30.0	30.6	32.9	35.0	36.5	33.3	29.6	26.2	22.6	19.7	18.5	19.0	20.4
110	38.6	38.0	38.9	41.3	42.7	45.3	47.5	46.3	47.0	48.4	47.9	44.0	40.1	36.7	33.5	31.3	30.2	30.2	31.8
115	64.9	60.3	58.7	59.1	58.6	59.5	60.0	60.7	61.2	61.8	58.7	54.5	50.5	47.2	44.4	42.8	41.8	41.4	43.1
120	90.0	82.5	75.7	74.8	74.0	73.4	74.2	75.5	76.0	74.1	69.8	65.5	61.5	58.1	55.7	54.4	53.5	52.7	54.5
125	109	101	95.1	93.3	92.7	90.8	90.5	92.0	89.1	85.3	81.3	77.5	74.0	71.4	69.6	68.9	68.4	67.7	67.0
130	118	115	112	111	110	107	106	104	100	96.4	92.8	89.6	86.8	84.8	83.6	83.4	83.2	82.7	80.5
135	127	127	124	123	122	120	118	115	111	108	105	102	99.7	98.3	97.8	98.0	98.1	97.6	96.5
140	136	135	135	133	131	130	128	125	122	119	117	114	113	112	111	112	112	112	113
145	145	144	144	143	141	138	136	135	133	131	129	127	126	125	125	126	126	127	128
150	152	151	151	151	150	147	145	144	142	141	140	139	139	138	139	140	140	141	143
155	158	158	157	157	157	157	155	154	153	152	151	151	150	150	151	152	152	153	155
160	165	164	164	163	163	164	164	164	164	163	163	162	162	162	163	164	164	165	167
165	172	171	171	170	170	170	170	171	171	171	172	172	173	174	175	176	177	178	178
170	178	177	177	177	177	176	176	176	177	177	177	178	178	179	179	180	180	181	182
175	183	183	182	182	182	182	182	182	182	182	183	183	183	183	183	184	184	184	185
180	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188

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:0.1642A P:19.54W PF:0.9896 Lamp Flux:1962.01x1 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	543	543	543	543	543	543	543	543	543	543	543	543	543	543	543				
5	535	535	535	535	535	535	535	535	535	536	536	536	537	537	538				
10	526	526	526	525	525	525	525	525	525	525	525	525	526	527	528				
15	518	517	516	515	514	513	512	511	510	510	510	510	510	511	512				
20	496	496	496	496	497	498	497	495	493	492	491	490	490	491	492				
25	473	472	472	471	471	471	471	472	473	470	468	467	466	466	467				
30	450	448	447	445	444	443	442	442	442	444	443	440	438	438	439				
35	418	417	417	417	417	414	412	411	410	410	412	411	408	407	408				
40	384	383	382	381	380	380	381	379	377	376	376	378	376	373	373				
45	350	348	347	345	344	343	342	342	343	340	339	339	341	337	336				
50	310	309	309	308	308	305	302	301	302	303	301	299	301	299	297				
55	268	267	266	266	265	264	264	262	260	260	261	259	257	258	256				
60	227	226	224	223	222	220	219	219	220	217	216	218	215	215	213				
65	184	183	182	181	179	178	176	175	174	175	173	172	173	171	170				
70	140	139	138	137	136	135	134	132	131	130	130	129	128	127	127				
75	96.9	96.0	95.1	94.2	93.4	92.5	91.6	90.6	89.4	88.2	86.9	86.4	86.5	85.2	84.8				
80	64.4	63.1	61.6	59.8	57.9	55.5	52.9	50.5	50.1	49.6	48.8	47.6	46.8	47.1	45.9				
85	33.3	32.6	31.8	30.9	29.9	28.7	27.3	25.6	23.7	21.5	18.9	15.8	15.1	14.5	14.6				
90	2.18	2.18	2.24	2.24	2.25	2.25	2.25	2.21	2.15	2.08	1.99	1.89	1.77	1.68	1.54				
95	9.00	10.2	11.7	12.9	12.0	11.0	9.76	8.26	6.89	5.60	4.26	3.11	3.42	2.96	2.79				
100	15.8	18.2	20.9	23.5	21.9	20.0	17.6	15.3	14.4	13.4	12.3	11.2	10.7	10.3	9.62				
105	23.0	26.5	30.1	33.7	32.9	32.4	32.7	33.9	30.3	27.2	25.4	24.2	22.7	21.8	20.1				
110	34.5	37.5	40.3	43.1	44.1	45.4	48.0	51.5	48.2	46.7	48.6	44.3	42.4	40.2	38.6				
115	46.0	48.6	50.9	52.6	54.5	57.0	59.5	61.2	62.4	63.7	66.5	66.4	68.8	67.5	66.8				
120	58.0	60.6	63.0	64.7	66.4	68.0	69.7	71.1	72.1	73.6	75.3	77.3	78.7	80.0	73.9				
125	72.6	75.0	76.8	78.3	79.4	80.1	81.0	81.8	82.6	83.5	85.2	86.9	88.9	90.2	86.8				
130	86.9	89.7	91.1	92.0	93.5	93.6	93.2	93.4	94.1	95.0	96.8	99.0	102	99.3	94.5				
135	99.6	105	106	107	108	109	108	107	107	108	110	113	115	109	104				
140	108	118	121	122	123	125	125	124	123	123	125	128	123	116	109				
145	122	128	136	138	138	137	137	138	139	140	142	140	134	128	122				
150	140	131	141	146	147	143	142	146	147	150	153	153	151	149	147				
155	153	145	139	144	151	156	154	149	146	154	157	159	161	163	165				
160	166	163	155	148	146	149	157	164	166	166	165	166	167	170	173				
165	178	177	174	168	163	159	158	159	162	166	170	173	176	178	180				
170	182	182	182	182	180	179	177	176	175	174	174	175	176	178	179				
175	185	185	186	186	186	187	187	187	187	187	187	188	188	188	188				
180	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188				

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

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

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	541.2	540.8	540.5	540.2	539.9	539.6	539.4	539.2	539.0	538.8
5.0	538.6	537.9	537.3	536.7	536.2	535.7	535.3	535.0	534.7	534.5
7.5	534.5	533.5	532.6	531.9	531.3	530.7	530.3	530.0	529.7	529.6
10.0	529.0	527.7	526.6	525.8	525.1	524.6	524.2	524.0	523.9	524.0
12.5	522.1	520.6	519.3	518.4	517.7	517.2	517.0	517.1	517.4	517.8
15.0	514.0	512.2	510.8	509.8	509.2	509.0	509.1	509.5	510.0	510.8
17.5	504.6	502.6	501.1	500.2	499.7	499.7	500.3	501.1	502.2	503.5
20.0	494.1	491.8	490.3	489.5	489.3	489.7	490.6	491.9	493.6	495.6
22.5	482.4	479.7	477.9	477.0	477.2	478.3	480.0	482.2	484.6	482.0
25.0	469.8	466.5	464.4	463.5	463.7	465.0	467.6	471.1	468.3	465.6
27.5	456.2	452.0	449.3	448.2	448.8	450.9	453.9	453.1	451.2	448.8
30.0	441.8	436.5	432.9	431.2	431.6	434.3	436.4	435.6	434.4	432.6
32.5	426.4	420.7	416.8	414.6	414.2	416.2	417.1	418.1	418.2	417.1
35.0	410.4	404.4	400.4	398.3	398.0	398.1	398.9	400.8	402.2	402.2
37.5	393.3	387.3	383.4	381.5	381.8	381.5	382.3	384.5	387.0	387.7
40.0	375.8	370.0	366.7	365.0	364.6	364.6	366.3	369.1	372.4	373.0
42.5	357.5	352.1	349.3	348.8	347.9	347.6	350.0	353.8	356.8	354.3
45.0	338.9	333.5	331.2	331.6	330.4	331.0	333.6	338.5	336.1	334.7
47.5	319.3	314.1	312.4	313.0	312.0	313.5	317.2	317.4	315.3	314.3
50.0	299.4	293.9	293.1	293.1	293.0	295.6	298.5	296.1	294.6	294.1
52.5	279.0	273.2	271.7	272.1	273.7	277.3	276.8	275.2	274.0	274.0
55.0	258.1	252.5	251.8	251.3	253.9	257.2	255.5	254.8	254.1	254.0
57.5	236.8	231.4	231.3	231.0	234.6	234.8	234.4	234.8	234.5	232.9
60.0	215.2	210.3	209.0	210.6	214.5	212.9	213.5	215.1	213.2	212.0
62.5	193.3	189.3	188.9	190.3	191.8	191.4	192.9	192.7	191.8	191.4
65.0	171.2	168.1	167.7	170.3	169.5	170.3	170.9	170.4	170.4	170.7
67.5	148.4	147.3	146.1	148.4	147.9	149.3	148.4	148.5	149.1	150.2
70.0	125.6	126.2	124.8	125.4	127.0	126.8	126.6	127.0	128.0	128.9
72.5	103.5	105.4	103.6	104.4	105.6	105.1	105.3	106.1	107.0	107.8
75.0	81.91	83.73	82.69	84.73	84.20	84.26	84.98	85.78	86.49	87.10
77.5	62.01	63.25	63.26	64.47	64.07	64.71	65.52	66.05	66.42	66.74
80.0	43.74	44.39	46.07	45.36	45.63	46.44	46.77	46.83	46.73	48.92
82.5	27.09	27.83	28.61	28.56	29.06	29.07	29.08	32.06	34.61	36.87
85.0	12.74	14.41	13.93	14.07	14.33	17.28	19.70	21.75	23.49	25.03
87.5	2.544	3.684	3.237	5.910	7.926	9.447	10.69	11.70	12.56	13.32
90.0	1.419	2.091	2.077	2.007	1.937	1.881	1.858	1.783	1.713	1.685
92.5	0.5097	2.234	2.124	2.135	2.388	2.990	3.650	4.250	4.892	5.611
95.0	0.9688	2.779	2.948	3.269	2.948	4.217	5.532	6.793	8.139	9.588
97.5	3.823	5.622	5.916	6.277	6.631	7.086	7.597	9.489	11.52	13.67
100.0	7.974	9.592	10.26	10.58	11.09	12.25	13.52	14.67	15.62	17.91
102.5	12.97	14.36	15.25	16.15	16.85	17.89	20.19	22.58	25.20	25.34
105.0	19.08	20.50	21.53	22.74	24.33	25.67	27.49	31.17	34.80	33.92
107.5	27.19	28.82	29.77	31.32	33.50	36.56	37.24	40.82	44.09	42.29
110.0	37.67	39.31	40.50	42.94	45.09	50.06	47.76	50.50	53.08	50.43
112.5	53.14	54.09	55.51	59.30	57.18	61.76	57.48	59.04	59.11	58.05
115.0	67.94	68.08	67.88	68.85	67.54	67.89	66.06	65.66	64.79	63.73
117.5	74.08	74.05	74.38	74.23	73.84	73.14	72.60	71.50	70.57	69.58
120.0	79.57	79.34	79.88	79.33	79.35	78.36	77.79	77.43	76.51	75.55
122.5	84.69	84.37	85.24	84.47	84.47	83.90	83.40	83.02	82.61	81.75
125.0	90.05	89.63	90.51	89.96	89.76	89.98	89.34	88.88	88.57	88.14
127.5	95.78	95.24	95.98	95.93	95.57	95.96	95.56	95.03	94.75	94.43
130.0	101.8	101.2	101.8	102.2	101.7	101.9	102.1	101.6	101.3	101.0
132.5	107.9	107.3	107.7	108.8	108.1	108.0	108.4	108.5	108.0	107.8
135.0	114.5	113.7	114.0	115.4	114.7	114.4	114.7	115.5	115.2	114.9
137.5	121.0	120.2	120.4	121.5	121.6	121.1	121.2	121.8	122.6	122.2
140.0	127.6	126.7	126.8	127.7	128.6	127.9	127.9	128.4	129.2	130.0
142.5	134.1	133.3	133.2	134.0	135.6	135.1	134.9	135.1	135.8	136.9
145.0	140.8	139.9	139.8	140.5	141.9	142.3	141.9	142.0	142.6	143.5
147.5	147.6	146.7	146.4	146.9	148.0	149.6	149.1	149.2	149.5	149.9
150.0	154.2	153.3	153.0	153.4	154.3	155.9	156.7	156.3	156.1	156.3
152.5	161.0	160.1	159.7	160.0	160.8	161.9	163.3	163.1	162.8	162.7
155.0	167.6	166.6	166.2	166.2	166.5	167.3	168.4	169.8	169.3	168.7
157.5	173.2	172.3	171.8	171.7	171.9	172.5	173.3	174.2	175.1	174.3
160.0	178.5	177.7	177.1	176.9	176.9	177.1	177.4	177.9	178.4	178.9
162.5	182.7	182.0	181.4	181.1	180.9	180.8	180.9	181.0	181.1	181.2
165.0	186.2	185.5	184.9	184.4	184.1	183.8	183.6	183.4	183.3	183.0
167.5	188.3	187.7	187.2	186.7	186.3	185.9	185.5	185.2	184.8	184.4
170.0	189.5	189.0	188.5	188.0	187.6	187.1	186.7	186.2	185.7	185.2
172.5	189.5	189.1	188.7	188.3	187.9	187.5	187.1	186.6	186.2	185.7
175.0	188.7	188.5	188.2	187.9	187.6	187.2	186.9	186.6	186.2	185.9
177.5	187.4	187.2	187.1	186.9	186.8	186.6	186.4	186.2	186.0	185.8
180.0	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5

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	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	538.7	538.6	538.5	538.4	538.4	538.4	538.4	538.4	538.4	538.5
5.0	534.3	534.2	534.1	534.1	534.1	534.1	534.2	534.2	534.3	534.4
7.5	529.5	529.5	529.5	529.6	529.6	529.8	529.9	530.1	530.2	530.4
10.0	524.1	524.3	524.6	524.8	525.1	525.4	525.6	525.9	526.1	526.3
12.5	518.2	518.8	519.4	519.9	520.4	520.9	521.3	521.7	522.0	522.2
15.0	511.8	512.8	513.8	514.8	515.6	516.4	517.0	517.5	517.9	518.1
17.5	504.9	506.4	507.2	506.7	506.4	506.2	506.2	506.3	506.6	507.0
20.0	495.8	495.1	494.8	494.6	494.6	494.6	494.7	494.9	495.3	495.6
22.5	489.5	481.0	482.1	482.3	482.5	482.9	483.1	483.5	484.0	484.3
25.0	463.9	464.5	468.0	469.9	470.5	471.2	471.6	472.1	472.7	473.0
27.5	447.3	447.1	451.1	457.0	458.3	459.3	460.1	460.6	461.4	461.7
30.0	430.4	430.2	433.1	442.3	446.2	447.5	448.6	449.2	450.1	450.4
32.5	414.6	413.4	415.2	424.6	431.5	432.2	432.6	432.8	433.4	434.0
35.0	400.5	397.1	398.3	403.1	412.1	414.3	415.8	416.1	416.8	417.4
37.5	386.4	382.6	382.2	384.5	392.3	395.5	399.1	399.5	400.2	400.8
40.0	369.8	367.8	366.7	368.2	372.1	376.7	382.2	382.8	383.5	384.1
42.5	352.3	351.8	351.6	353.0	353.3	357.5	365.4	366.2	366.9	367.5
45.0	334.4	334.8	336.4	338.2	336.0	338.6	348.6	349.6	350.2	350.9
47.5	315.6	317.1	320.4	323.5	319.3	318.6	328.0	329.1	329.7	330.5
50.0	295.8	299.0	301.5	301.8	298.9	298.1	306.7	308.6	309.1	309.9
52.5	275.6	278.2	279.0	279.2	277.8	277.5	285.3	288.0	288.6	289.4
55.0	254.2	256.9	257.2	256.7	256.1	256.9	263.7	267.3	268.0	268.8
57.5	233.2	235.3	235.9	234.5	234.0	236.2	242.3	246.6	247.5	248.3
60.0	212.6	214.4	215.0	212.6	211.7	215.4	221.4	225.9	226.9	227.7
62.5	192.3	193.9	194.6	191.2	190.1	194.2	200.0	204.0	205.0	205.8
65.0	172.1	173.6	173.7	171.0	169.8	172.9	178.4	182.1	183.1	183.9
67.5	151.2	151.9	152.4	150.7	149.6	151.8	156.8	160.2	161.2	162.0
70.0	129.8	130.5	131.1	130.2	129.4	130.9	135.2	138.3	139.2	140.1
72.5	108.6	109.2	109.8	109.6	109.3	110.2	113.6	116.4	117.3	118.2
75.0	87.68	88.18	88.60	88.90	89.20	89.51	92.02	94.60	95.41	96.27
77.5	67.01	67.30	69.16	71.23	72.86	73.81	76.33	78.93	79.73	80.35
80.0	51.44	53.67	55.52	57.20	58.54	59.33	61.28	63.41	64.06	64.57
82.5	38.81	40.53	41.97	43.24	44.27	44.86	46.29	47.90	48.38	48.78
85.0	26.34	27.51	28.49	29.34	30.02	30.41	31.34	32.39	32.70	33.00
87.5	13.98	14.56	15.05	15.48	15.79	15.96	16.41	16.88	17.03	17.21
90.0	1.662	1.648	1.643	1.629	1.573	1.522	1.503	1.372	1.349	1.419
92.5	6.288	6.915	7.503	7.070	6.546	5.963	5.459	4.974	4.774	4.972
95.0	10.96	12.22	13.35	12.50	11.51	10.40	9.410	8.574	8.199	8.523
97.5	15.72	17.59	19.19	17.90	16.44	14.81	13.35	12.17	11.62	12.07
100.0	20.60	23.06	24.99	23.27	21.35	19.20	17.28	15.76	15.05	15.62
102.5	26.58	28.72	30.76	28.58	26.21	23.56	21.19	19.35	18.47	19.16
105.0	34.16	35.43	36.42	34.11	31.40	28.23	25.28	22.98	21.90	22.74
107.5	41.62	42.03	42.06	39.86	37.32	34.33	31.45	29.16	28.12	28.86
110.0	48.90	48.48	47.71	45.63	43.24	40.43	37.61	35.34	34.33	34.98
112.5	55.97	54.73	53.37	51.43	49.18	46.51	43.77	41.52	40.55	41.11
115.0	62.41	60.72	59.05	57.26	55.14	52.60	49.91	47.70	46.77	47.23
117.5	68.40	66.89	65.07	63.13	61.12	58.68	56.05	53.88	52.99	53.37
120.0	74.55	73.24	71.74	70.13	67.97	65.29	62.43	60.12	59.20	59.55
122.5	80.85	79.72	78.57	77.27	75.44	72.91	70.24	68.04	66.95	66.97
125.0	87.33	86.41	85.57	84.52	82.96	80.54	78.07	75.95	74.69	74.40
127.5	94.05	93.29	92.77	91.91	90.53	88.19	85.91	83.85	82.43	81.85
130.0	100.7	100.4	100.1	99.43	98.14	95.86	93.72	91.75	90.17	89.32
132.5	107.5	107.5	107.4	107.0	105.8	103.6	101.5	99.63	97.92	96.82
135.0	114.7	114.8	114.7	114.3	113.1	111.1	109.3	107.5	105.7	104.3
137.5	122.2	122.3	122.1	121.7	120.3	118.5	116.5	114.7	112.8	111.4
140.0	130.0	129.8	129.6	129.0	127.6	125.8	123.7	121.9	119.9	118.5
142.5	137.8	137.5	137.2	136.4	134.9	133.2	130.9	129.1	127.0	125.6
145.0	144.3	145.2	144.8	143.8	142.3	140.5	138.1	136.2	134.2	132.7
147.5	150.5	151.1	151.4	151.2	149.6	147.7	145.3	143.3	141.3	139.9
150.0	156.6	156.8	156.6	156.1	155.3	153.9	152.0	150.3	148.4	146.9
152.5	162.5	162.2	161.7	161.0	159.9	158.3	156.6	154.9	153.1	151.7
155.0	168.2	167.5	166.7	165.7	164.4	162.7	161.1	159.4	157.7	156.4
157.5	173.5	172.5	171.5	170.3	168.8	167.1	165.6	164.0	162.4	161.2
160.0	178.4	177.3	176.0	174.6	173.0	171.5	170.0	168.5	167.1	166.0
162.5	181.2	181.0	180.2	178.7	177.3	175.8	174.4	173.0	171.7	170.8
165.0	182.7	182.3	181.7	181.1	180.3	179.4	178.4	177.4	176.4	175.5
167.5	183.9	183.3	182.7	182.0	181.3	180.5	179.7	178.8	177.9	177.2
170.0	184.7	184.1	183.5	182.9	182.2	181.6	180.8	180.1	179.4	178.8
172.5	185.2	184.7	184.2	183.7	183.1	182.6	182.0	181.5	181.0	180.5
175.0	185.5	185.1	184.7	184.4	184.0	183.6	183.2	182.8	182.5	182.2
177.5	185.6	185.4	185.2	185.0	184.8	184.6	184.4	184.2	184.0	183.8
180.0	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5

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

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

Photometric Data Table [cd]

G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	538.6	538.7	538.8	538.9	539.1	539.2	539.4	539.7	539.9	540.2
5.0	534.6	534.7	534.9	535.1	535.3	535.6	535.9	536.2	536.6	537.0
7.5	530.5	530.7	530.8	531.0	531.2	531.5	531.8	532.1	532.4	532.8
10.0	526.4	526.5	526.6	526.8	526.9	526.9	527.0	527.1	527.3	527.6
12.5	522.3	522.4	522.4	522.3	522.1	521.9	521.7	521.5	521.5	521.5
15.0	518.2	518.1	517.9	517.4	516.9	516.4	515.8	515.3	514.9	514.7
17.5	507.5	508.2	508.9	509.7	510.8	510.5	509.5	508.6	507.7	507.1
20.0	496.2	496.8	497.3	498.0	498.8	499.9	501.2	501.3	500.0	498.8
22.5	484.8	485.3	485.7	486.2	486.8	487.5	488.5	490.0	491.6	489.8
25.0	473.4	473.7	474.0	474.2	474.5	474.9	475.7	476.7	478.1	480.1
27.5	462.0	462.1	462.2	462.1	462.0	462.2	462.4	463.0	464.1	465.7
30.0	450.6	450.6	450.4	450.0	449.5	449.2	449.0	449.1	449.7	451.0
32.5	434.7	435.6	436.6	437.7	436.9	436.1	435.4	435.0	435.1	435.6
35.0	418.0	418.8	419.5	420.5	421.7	422.9	421.7	420.7	420.0	420.0
37.5	401.3	401.9	402.5	403.2	404.1	405.3	406.9	406.1	404.8	403.0
40.0	384.6	385.0	385.4	385.9	386.4	387.3	388.5	390.2	388.2	385.2
42.5	367.9	368.2	368.4	368.7	368.8	369.2	369.8	370.4	369.6	366.7
45.0	351.2	351.3	351.4	351.5	351.2	351.2	351.0	349.7	348.3	346.6
47.5	331.3	332.1	333.2	334.0	333.5	333.1	331.7	329.0	325.2	323.1
50.0	310.7	311.4	312.4	313.4	314.6	314.9	312.0	308.1	300.7	298.7
52.5	290.1	290.8	291.6	292.5	293.4	293.9	292.4	285.8	275.1	272.3
55.0	269.5	270.2	270.9	271.6	272.3	271.7	268.2	261.0	248.5	243.8
57.5	248.9	249.5	250.2	250.7	251.3	248.9	242.6	232.2	220.8	214.6
60.0	228.4	229.0	229.5	229.9	230.2	225.3	216.4	204.9	194.8	186.7
62.5	206.7	207.5	208.3	209.2	209.3	201.1	190.2	179.4	170.4	163.1
65.0	184.8	185.5	186.3	187.1	187.2	176.6	164.7	155.3	147.5	141.1
67.5	162.8	163.6	164.4	165.2	164.0	153.1	141.7	132.6	126.1	120.6
70.0	140.9	141.7	142.5	143.3	140.8	130.5	120.8	112.6	106.1	101.4
72.5	119.1	119.9	120.7	121.4	117.7	108.7	100.7	93.46	87.62	83.61
75.0	97.17	98.03	98.89	99.64	94.86	87.60	81.29	75.00	69.99	67.15
77.5	80.78	80.96	80.93	80.49	74.00	67.13	62.46	57.06	53.10	51.52
80.0	64.93	65.06	65.02	64.58	59.10	53.33	47.95	41.49	36.83	36.65
82.5	49.07	49.16	49.14	48.76	44.48	40.13	36.01	31.06	27.30	25.28
85.0	33.21	33.27	33.26	32.99	30.06	27.16	24.37	21.03	18.62	17.24
87.5	17.36	17.38	17.40	17.27	15.79	14.34	12.93	11.26	10.09	9.389
90.0	1.593	1.489	1.541	1.569	1.583	1.587	1.601	1.629	1.639	1.639
92.5	5.324	5.843	6.454	7.167	7.898	8.070	7.842	7.054	6.130	4.970
95.0	9.141	10.19	11.35	12.74	14.19	14.56	14.12	12.55	10.73	8.389
97.5	12.95	14.52	16.23	18.28	20.44	21.06	20.47	18.17	15.55	11.98
100.0	16.74	18.82	21.05	23.76	26.63	27.57	26.93	24.00	21.25	19.62
102.5	20.51	23.09	25.83	29.16	32.74	34.10	33.93	32.58	32.65	31.33
105.0	24.44	27.69	30.85	34.62	38.45	40.50	41.52	41.94	43.89	43.49
107.5	30.36	33.28	36.41	40.17	44.02	46.77	48.86	50.91	54.62	55.99
110.0	36.29	38.96	41.97	45.68	49.55	52.85	55.88	59.39	64.73	65.51
112.5	42.23	44.63	47.52	51.16	55.04	58.74	62.58	67.02	70.75	72.81
115.0	48.18	50.32	53.05	56.61	60.52	64.43	68.60	72.39	76.13	79.16
117.5	54.15	56.03	58.57	62.04	66.15	70.13	74.12	77.85	81.49	84.78
120.0	60.31	62.12	64.73	68.23	72.11	75.88	79.69	83.38	86.93	90.31
122.5	67.43	68.97	71.32	74.52	78.09	81.71	85.33	88.92	92.43	95.08
125.0	74.58	75.85	77.94	80.88	84.15	87.59	91.06	94.48	97.39	99.91
127.5	81.78	82.76	84.58	87.30	90.28	93.52	96.86	99.67	102.4	104.9
130.0	89.00	89.67	91.25	93.77	96.52	99.36	102.3	105.0	107.5	110.1
132.5	96.27	96.62	97.98	100.2	102.5	105.0	107.8	110.4	112.9	115.4
135.0	103.5	103.5	104.5	106.3	108.4	110.8	113.4	116.1	118.5	120.8
137.5	110.5	110.3	111.1	112.4	114.4	116.6	119.1	121.8	124.3	125.4
140.0	117.5	117.2	117.8	118.7	120.4	122.5	124.9	127.6	129.0	130.0
142.5	124.6	124.2	124.6	125.1	126.5	128.4	130.7	132.2	133.4	134.6
145.0	131.7	131.3	131.5	131.9	132.8	134.4	135.2	136.4	137.6	139.1
147.5	138.8	138.4	138.4	138.8	138.5	138.9	139.6	140.6	141.8	143.3
150.0	145.6	144.7	144.1	143.7	143.4	143.5	144.2	145.0	146.2	147.6
152.5	150.5	149.6	149.0	148.7	148.5	148.4	148.9	149.7	150.7	152.0
155.0	155.3	154.4	154.0	153.7	153.6	153.6	153.8	154.5	155.4	156.6
157.5	160.2	159.4	158.9	158.7	158.7	158.8	159.0	159.5	160.2	159.7
160.0	165.1	164.3	163.9	163.8	163.7	163.9	164.3	164.1	163.4	162.9
162.5	170.0	169.3	168.9	168.8	168.8	168.4	167.7	167.1	166.6	166.2
165.0	174.6	173.7	172.8	172.1	171.5	171.0	170.4	169.9	169.6	169.3
167.5	176.5	175.7	175.0	174.3	173.8	173.4	173.1	172.7	172.5	172.3
170.0	178.3	177.7	177.2	176.6	176.1	175.8	175.5	175.3	175.2	175.2
172.5	180.1	179.7	179.3	179.0	178.6	178.3	178.0	177.9	177.7	177.7
175.0	181.9	181.6	181.4	181.2	181.0	180.8	180.7	180.6	180.5	180.5
177.5	183.7	183.6	183.4	183.3	183.3	183.2	183.1	183.1	183.1	183.1
180.0	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5	185.5

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	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	540.4	540.7	541.0	541.4	541.7	542.0	542.4	542.1	541.7	541.4
5.0	537.4	537.9	538.5	539.1	539.7	540.3	541.0	540.4	539.7	539.1
7.5	533.3	533.9	534.5	535.2	536.1	537.0	538.0	537.0	536.1	535.4
10.0	528.0	528.6	529.2	530.1	531.1	532.2	533.6	532.3	531.1	530.2
12.5	521.8	522.2	522.9	523.7	524.8	526.2	527.8	526.2	524.9	523.8
15.0	514.7	514.9	515.4	516.2	517.4	518.9	520.8	519.0	517.4	516.3
17.5	506.7	506.6	506.9	507.6	508.7	510.4	512.5	510.4	508.8	507.7
20.0	497.9	497.4	497.4	497.9	499.0	500.7	503.1	500.7	499.0	497.9
22.5	488.3	487.3	487.0	487.2	488.3	490.0	492.6	490.0	488.3	487.3
25.0	478.0	476.5	475.7	475.7	476.4	478.2	480.9	478.2	476.4	475.6
27.5	467.2	464.9	463.5	463.0	463.6	465.3	468.2	465.3	463.5	462.9
30.0	452.8	452.5	450.6	449.7	450.0	451.6	454.7	451.6	449.9	449.6
32.5	437.0	439.6	437.0	435.6	435.6	437.1	440.3	437.1	435.5	435.5
35.0	420.4	422.5	422.7	420.7	420.3	421.6	424.9	421.6	420.2	420.6
37.5	402.8	404.5	407.9	405.3	404.3	405.5	408.8	405.5	404.3	405.1
40.0	384.2	385.4	389.8	389.3	387.8	388.7	392.1	388.7	387.7	389.1
42.5	364.4	366.1	370.4	372.6	370.6	371.2	374.6	371.2	370.5	372.5
45.0	345.0	346.6	349.9	355.5	352.8	353.1	356.4	353.0	352.8	355.3
47.5	326.0	325.2	326.5	335.2	334.7	334.5	337.7	334.4	334.6	336.6
50.0	302.9	298.8	300.3	311.2	315.8	315.1	318.4	315.2	315.9	316.5
52.5	272.1	269.3	271.8	284.9	296.1	295.1	298.6	295.6	296.7	295.9
55.0	240.0	237.9	241.6	256.7	275.1	273.2	277.2	275.2	275.2	275.2
57.5	210.6	207.9	210.3	226.0	246.4	246.1	255.8	253.8	256.9	254.2
60.0	183.1	180.2	179.6	192.7	208.8	217.7	234.8	232.9	234.8	233.2
62.5	157.9	154.9	154.2	160.8	174.4	189.1	213.4	211.9	212.7	212.2
65.0	135.1	132.0	130.9	132.7	143.7	160.2	191.9	190.5	190.4	191.5
67.5	115.2	111.3	109.9	109.9	116.4	131.6	170.2	169.1	168.4	169.2
70.0	97.04	93.16	91.02	90.40	93.34	103.8	148.3	147.2	146.9	146.4
72.5	80.14	76.09	74.00	72.39	73.06	76.96	125.8	124.5	125.2	123.5
75.0	64.23	60.17	58.32	55.84	55.00	54.94	100.9	99.11	100.0	99.91
77.5	49.43	45.95	44.31	42.39	41.06	39.53	67.69	75.84	75.92	75.98
80.0	35.77	33.88	32.59	31.87	30.56	29.29	28.39	55.92	55.04	54.85
82.5	23.27	22.78	22.60	23.38	23.48	20.83	19.04	37.15	36.47	36.36
85.0	15.85	14.47	13.81	14.94	16.20	15.39	10.97	20.40	20.59	20.01
87.5	8.668	7.963	7.703	7.756	7.361	7.620	4.590	7.453	7.060	8.545
90.0	1.611	1.606	1.638	1.512	1.368	1.190	1.152	0.2007	0.2518	0.2941
92.5	4.067	3.122	2.287	1.928	1.821	1.137	0.5481	0.2306	0.2900	0.3394
95.0	6.641	4.786	3.070	3.929	3.097	1.628	0.7642	0.6059	0.9314	1.252
97.5	9.438	9.326	9.172	8.841	7.687	6.205	3.347	3.255	3.323	3.783
100.0	19.33	18.05	16.63	15.72	14.74	12.93	6.845	6.712	6.865	7.318
102.5	30.41	27.51	26.27	24.48	23.10	20.84	16.78	10.65	11.31	11.76
105.0	42.38	39.04	38.09	35.32	33.54	31.41	32.07	16.81	17.33	17.67
107.5	54.09	52.11	51.01	48.62	47.64	45.27	46.62	27.90	27.09	27.17
110.0	64.40	65.48	64.11	62.76	60.96	59.28	61.08	42.23	38.60	38.03
112.5	73.66	77.62	75.34	76.66	74.47	73.56	75.73	58.28	51.75	49.45
115.0	81.64	84.13	84.50	86.34	85.19	85.22	87.41	72.81	64.86	60.25
117.5	87.78	89.59	91.40	92.22	92.38	92.19	94.42	83.87	77.34	71.19
120.0	92.53	94.77	97.08	97.49	98.27	98.10	100.5	93.80	90.01	82.50
122.5	97.37	99.87	101.7	102.3	103.5	103.2	105.8	102.7	102.9	92.56
125.0	102.4	104.9	106.1	107.0	108.1	108.0	110.6	109.2	108.8	101.0
127.5	107.4	109.5	110.4	111.6	112.4	112.5	115.3	113.8	113.3	108.6
130.0	112.6	113.8	114.9	116.3	116.7	116.9	119.8	118.3	117.7	115.4
132.5	117.3	118.3	119.5	121.1	121.1	121.4	124.4	122.8	122.1	121.5
135.0	121.8	123.0	124.4	125.8	125.5	125.9	128.9	127.4	126.6	126.6
137.5	126.4	127.7	129.3	130.2	130.1	130.6	133.6	132.1	131.2	131.1
140.0	131.2	132.5	134.2	134.5	134.5	135.1	138.2	136.7	135.8	135.4
142.5	136.0	137.5	139.0	138.7	138.8	139.5	142.6	141.1	140.2	139.8
145.0	140.6	142.4	143.1	142.9	143.1	143.8	147.0	145.5	144.5	144.0
147.5	145.0	146.9	146.8	146.8	147.2	148.0	151.1	149.6	148.7	148.0
150.0	149.3	150.0	150.0	150.2	150.7	151.5	154.5	153.1	152.1	151.4
152.5	153.1	152.9	153.0	153.3	153.8	154.6	157.6	156.3	155.3	154.5
155.0	156.1	156.0	156.0	156.3	156.8	157.5	160.4	159.2	158.3	157.6
157.5	159.3	159.2	159.2	159.4	159.9	160.6	163.5	162.4	161.5	160.8
160.0	162.5	162.5	162.5	162.8	163.2	163.9	166.7	165.7	164.8	164.2
162.5	165.9	165.8	165.8	166.1	166.5	167.1	169.9	169.0	168.2	167.6
165.0	169.2	169.1	169.2	169.5	169.8	170.4	173.1	172.3	171.6	171.0
167.5	172.2	172.2	172.4	172.6	173.0	173.4	176.1	175.4	174.8	174.3
170.0	175.2	175.2	175.3	175.6	175.8	176.2	178.8	178.2	177.7	177.3
172.5	177.8	177.9	178.0	178.2	178.5	178.8	181.2	180.8	180.4	180.1
175.0	180.4	180.5	180.6	180.7	180.8	181.0	183.4	183.1	182.8	182.6
177.5	183.1	183.2	183.2	183.3	183.4	183.5	185.7	185.6	185.5	185.3
180.0	185.5	185.5	185.5	185.5	185.5	185.5	187.7	187.7	187.7	187.7

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

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

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	541.1	540.8	540.5	540.3	540.1	539.8	539.6	539.4	539.3	539.1
5.0	538.6	538.1	537.6	537.2	536.8	536.5	536.2	535.9	535.7	535.5
7.5	534.7	534.0	533.5	533.1	532.7	532.4	532.2	531.9	531.7	531.6
10.0	529.4	528.8	528.3	527.9	527.7	527.6	527.5	527.4	527.5	527.4
12.5	523.0	522.4	522.0	521.8	521.8	521.9	522.2	522.5	522.7	523.0
15.0	515.5	515.0	514.9	514.9	515.2	515.6	516.2	517.0	517.7	518.3
17.5	507.0	506.7	506.9	507.3	508.0	508.9	509.9	511.0	511.5	510.6
20.0	497.4	497.5	498.1	499.0	500.2	501.5	501.6	500.4	499.5	498.9
22.5	487.0	487.4	488.4	489.9	491.8	490.3	489.0	488.1	487.4	487.0
25.0	475.7	476.5	478.0	480.2	478.4	477.1	476.1	475.5	475.2	475.0
27.5	463.4	464.9	467.1	465.9	464.4	463.4	463.0	462.8	462.9	463.1
30.0	450.5	452.4	452.8	451.1	450.1	449.6	449.6	449.9	450.4	451.0
32.5	436.9	439.5	437.2	435.9	435.5	435.6	436.1	436.9	437.9	438.9
35.0	422.7	422.9	421.1	420.5	420.6	421.4	422.5	423.9	422.7	421.6
37.5	407.7	405.9	404.8	404.8	405.7	407.0	407.9	406.3	405.2	404.4
40.0	390.4	388.5	388.2	389.0	390.6	391.4	389.6	388.4	387.7	387.2
42.5	372.2	370.9	371.2	373.0	374.4	372.4	371.2	370.5	370.1	370.0
45.0	353.5	353.0	354.2	356.7	354.8	353.5	352.8	352.6	352.7	352.8
47.5	334.5	334.8	337.0	336.8	335.2	334.5	334.4	334.7	335.2	335.7
50.0	315.4	316.6	318.3	316.3	315.5	315.5	316.0	316.9	316.4	315.2
52.5	295.3	298.3	297.2	295.9	295.9	296.6	297.7	296.3	295.3	294.4
55.0	275.0	277.3	276.1	275.6	276.4	277.4	276.0	275.0	274.2	273.6
57.5	255.4	254.7	255.2	255.5	256.7	255.3	254.4	253.7	253.2	252.8
60.0	234.9	233.2	233.8	235.7	234.3	233.4	232.9	232.5	232.3	232.1
62.5	212.4	211.9	213.6	213.1	212.1	211.7	211.6	211.5	211.5	211.4
65.0	190.2	191.0	191.7	190.6	190.3	190.2	190.4	190.5	190.0	189.5
67.5	168.5	170.1	168.9	168.7	168.8	169.1	168.9	168.6	168.1	167.6
70.0	146.6	147.0	146.9	147.1	147.3	146.9	147.0	146.7	146.3	145.8
72.5	124.1	124.0	125.5	125.2	124.4	124.7	125.3	125.0	124.6	124.0
75.0	100.3	101.2	103.1	101.7	101.7	102.5	103.7	103.5	103.0	102.4
77.5	77.28	78.36	79.35	78.20	79.25	80.49	82.28	82.13	82.67	83.11
80.0	55.86	56.49	56.43	54.92	57.05	60.41	64.17	65.55	66.29	66.69
82.5	36.52	35.97	34.82	36.93	42.03	45.08	48.07	49.31	49.96	50.30
85.0	19.45	21.38	23.07	24.49	28.00	30.05	32.15	33.13	33.68	33.94
87.5	9.743	10.75	11.63	12.36	14.19	15.23	16.35	17.00	17.44	17.59
90.0	0.3595	0.3458	0.3408	0.3919	0.4762	0.5182	0.6160	0.8956	1.204	1.260
92.5	0.4905	1.065	1.771	2.454	3.174	4.027	5.262	6.284	7.002	6.683
95.0	0.6953	1.893	3.284	4.580	5.933	7.597	9.972	11.70	12.81	12.09
97.5	3.941	4.330	4.958	6.821	8.807	11.29	14.80	17.16	18.66	17.45
100.0	7.987	9.046	10.69	11.84	12.35	15.16	19.81	22.68	24.54	22.76
102.5	13.27	14.12	17.45	19.73	21.12	22.27	25.71	28.33	30.49	27.99
105.0	20.41	21.16	25.22	28.39	29.99	30.61	32.88	35.02	36.46	33.29
107.5	29.10	30.86	34.38	37.46	38.67	38.65	40.05	41.70	42.25	38.67
110.0	38.92	41.30	42.71	45.29	47.52	46.33	46.98	48.37	47.92	44.00
112.5	49.21	51.34	51.03	52.58	54.03	53.74	54.03	55.10	53.35	49.28
115.0	58.70	59.13	58.60	59.49	60.03	60.70	61.24	61.83	58.70	54.50
117.5	67.39	66.72	66.28	66.12	67.13	67.79	68.70	68.16	64.14	59.67
120.0	75.72	74.81	74.00	73.38	74.23	75.53	75.97	74.06	69.84	65.54
122.5	85.52	83.82	83.02	81.96	82.01	83.67	82.70	79.69	75.54	71.49
125.0	95.11	93.33	92.70	90.82	90.53	92.04	89.09	85.28	81.25	77.48
127.5	103.8	103.0	101.5	99.62	98.43	98.29	94.96	90.84	87.01	83.53
130.0	111.7	111.0	110.5	107.4	105.7	103.7	100.4	96.40	92.84	89.64
132.5	118.6	117.3	116.9	114.4	112.1	109.4	105.4	101.9	98.70	95.79
135.0	124.5	123.0	121.7	120.5	117.8	115.1	110.9	107.7	104.6	101.9
137.5	129.8	128.0	126.4	125.1	123.9	119.7	116.5	113.4	110.6	108.1
140.0	134.9	132.9	131.3	130.0	128.4	125.2	122.2	119.2	116.6	114.3
142.5	139.8	138.0	136.3	134.6	131.5	130.1	127.9	125.2	122.7	120.7
145.0	143.9	143.0	140.9	138.1	136.5	134.5	132.7	131.1	128.9	127.1
147.5	147.7	147.5	145.0	143.0	140.9	139.0	137.4	136.0	134.7	133.7
150.0	150.9	150.7	149.6	147.4	145.4	143.8	142.3	141.0	140.0	139.2
152.5	154.0	153.7	153.7	152.0	150.3	148.8	147.4	146.3	145.5	144.8
155.0	157.1	156.8	156.8	157.0	155.4	154.0	152.8	151.9	151.2	150.5
157.5	160.4	160.1	160.1	160.2	160.6	159.4	158.5	157.6	156.9	156.4
160.0	163.8	163.5	163.4	163.6	163.9	164.5	164.3	163.4	162.8	162.4
162.5	167.2	166.9	166.9	167.0	167.3	167.6	168.0	168.6	168.8	168.4
165.0	170.7	170.4	170.3	170.3	170.4	170.6	171.0	171.4	171.9	172.4
167.5	173.9	173.6	173.5	173.4	173.5	173.7	173.9	174.1	174.4	174.9
170.0	177.0	176.7	176.6	176.5	176.5	176.5	176.6	176.8	177.1	177.5
172.5	179.8	179.5	179.4	179.2	179.2	179.3	179.4	179.6	179.9	180.2
175.0	182.5	182.3	182.2	182.2	182.2	182.2	182.3	182.4	182.5	182.7
177.5	185.2	185.2	185.1	185.1	185.0	185.0	185.0	185.1	185.1	185.2
180.0	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7

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

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

Photometric Data Table [cd]

G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	539.0	538.9	538.8	538.7	538.7	538.6	538.6	538.6	538.6	538.7
5.0	535.3	535.1	535.0	534.9	534.8	534.7	534.7	534.6	534.5	534.5
7.5	531.4	531.3	531.1	531.0	530.9	530.8	530.7	530.5	530.4	530.2
10.0	527.4	527.3	527.3	527.2	527.1	526.9	526.6	526.3	526.0	525.7
12.5	523.2	523.3	523.3	523.3	523.2	523.0	522.6	522.1	521.6	521.0
15.0	518.8	519.2	519.4	519.4	519.3	519.1	518.5	517.8	517.1	516.2
17.5	509.9	509.3	508.8	508.3	508.1	507.9	507.8	507.8	508.0	508.2
20.0	498.3	497.9	497.5	497.1	496.8	496.6	496.4	496.2	496.2	496.2
22.5	486.7	486.4	486.1	485.9	485.6	485.3	485.0	484.6	484.3	484.0
25.0	475.1	474.9	474.8	474.6	474.3	473.9	473.6	473.0	472.4	471.7
27.5	463.3	463.4	463.4	463.4	463.1	462.6	462.1	461.3	460.4	459.4
30.0	451.5	451.9	452.0	452.1	451.8	451.3	450.6	449.6	448.3	446.9
32.5	437.8	437.1	436.1	435.7	435.3	434.9	434.6	434.6	434.3	434.3
35.0	420.8	420.2	419.5	419.1	418.7	418.3	418.0	417.5	417.1	416.8
37.5	403.8	403.3	402.8	402.5	402.1	401.7	401.3	400.6	400.0	399.3
40.0	386.7	386.5	386.2	385.9	385.6	385.2	384.6	383.6	382.7	381.7
42.5	369.8	369.7	369.5	369.4	369.0	368.7	367.8	366.7	365.5	364.3
45.0	352.9	352.8	352.9	352.8	352.4	352.1	351.1	349.8	348.4	346.9
47.5	334.9	333.8	333.0	332.6	332.0	331.9	331.1	330.6	330.2	329.6
50.0	314.2	313.3	312.6	312.2	311.6	311.4	310.6	309.9	309.2	308.7
52.5	293.6	292.8	292.1	291.7	291.2	291.0	290.0	289.2	288.3	287.5
55.0	273.0	272.3	271.7	271.3	270.8	270.4	269.4	268.4	267.4	266.4
57.5	252.4	251.8	251.2	250.8	250.4	249.9	248.9	247.7	246.5	245.4
60.0	231.8	231.4	230.8	230.3	230.0	229.4	228.3	227.1	225.8	224.4
62.5	210.8	210.1	209.3	208.6	208.2	207.7	206.7	205.6	204.6	203.5
65.0	188.9	188.2	187.5	186.8	186.5	185.9	184.9	183.8	182.7	181.6
67.5	167.0	166.4	165.7	165.0	164.7	164.1	163.1	162.0	160.9	159.8
70.0	145.2	144.7	144.0	143.2	142.9	142.3	141.3	140.2	139.2	138.1
72.5	123.5	122.9	122.2	121.5	121.1	120.5	119.5	118.5	117.6	116.6
75.0	101.8	101.2	100.5	99.69	99.34	98.69	97.77	96.88	95.96	95.08
77.5	83.46	83.66	83.63	83.29	83.02	82.46	81.36	80.05	78.44	76.58
80.0	67.00	67.19	67.26	67.00	66.70	66.36	65.48	64.44	63.11	61.60
82.5	50.56	50.74	50.89	50.72	50.38	50.26	49.61	48.85	47.84	46.69
85.0	34.14	34.30	34.52	34.43	34.06	34.17	33.75	33.28	32.60	31.84
87.5	17.73	17.86	18.15	18.15	17.74	18.08	17.90	17.72	17.39	17.03
90.0	1.326	1.419	1.778	1.863	1.415	1.993	2.058	2.175	2.185	2.236
92.5	6.068	5.561	5.255	4.841	4.267	4.833	5.112	5.592	6.221	6.958
95.0	10.80	9.693	8.726	7.818	7.119	7.672	8.159	9.003	10.24	11.66
97.5	15.50	13.80	12.18	10.79	9.972	10.51	11.20	12.40	14.23	16.31
100.0	20.16	17.88	15.63	13.76	12.82	13.34	14.22	15.79	18.18	20.90
102.5	24.77	21.92	19.04	16.72	15.68	16.17	17.21	19.15	22.06	25.40
105.0	29.59	26.16	22.61	19.73	18.53	19.05	20.42	22.97	26.47	30.14
107.5	34.87	31.42	28.06	25.49	24.35	24.63	26.12	28.73	31.99	35.21
110.0	40.12	36.67	33.51	31.26	30.17	30.21	31.80	34.48	37.50	40.33
112.5	45.34	41.91	38.97	37.03	35.99	35.81	37.46	40.23	43.03	45.54
115.0	50.52	47.15	44.44	42.80	41.82	41.41	43.10	45.98	48.58	50.86
117.5	55.68	52.40	49.93	48.58	47.64	47.03	48.74	51.72	54.15	56.29
120.0	61.48	58.11	55.66	54.42	53.46	52.73	54.48	58.03	60.64	63.03
122.5	67.74	64.73	62.61	61.65	60.91	60.24	60.76	65.36	67.77	69.86
125.0	74.04	71.38	69.59	68.90	68.35	67.73	66.97	72.63	74.97	76.77
127.5	80.37	78.08	76.60	76.16	75.80	75.20	73.34	79.79	82.27	83.84
130.0	86.76	84.79	83.65	83.44	83.25	82.65	80.52	86.86	89.69	91.09
132.5	93.23	91.55	90.74	90.74	90.69	90.12	88.20	93.87	97.17	98.39
135.0	99.67	98.26	97.80	98.04	98.14	97.61	96.49	99.55	104.7	105.8
137.5	106.2	104.9	104.6	105.0	105.2	105.0	104.7	108.9	111.6	113.5
140.0	112.7	111.5	111.4	111.9	112.2	112.3	112.7	108.3	118.0	121.2
142.5	119.3	118.3	118.2	118.9	119.3	119.6	120.5	113.5	123.6	128.9
145.0	125.9	125.0	125.0	125.8	126.3	126.8	128.0	121.7	127.5	135.9
147.5	132.5	131.8	131.9	132.8	133.3	134.0	135.5	131.7	129.9	141.7
150.0	138.5	138.3	138.7	139.8	140.4	141.1	142.8	140.2	131.1	140.9
152.5	144.3	144.2	144.7	145.8	146.4	147.1	148.6	146.9	136.4	139.3
155.0	150.2	150.2	150.8	151.8	152.4	153.2	154.6	153.0	145.4	139.4
157.5	156.2	156.2	156.8	157.7	158.5	159.3	160.7	159.5	154.2	144.9
160.0	162.2	162.3	162.9	163.7	164.5	165.5	166.7	166.1	162.6	154.7
162.5	168.2	168.5	169.0	169.7	170.5	171.6	172.8	172.6	170.6	165.2
165.0	173.0	173.9	174.8	175.6	176.5	177.6	178.4	178.4	176.8	173.6
167.5	175.5	176.2	176.9	177.6	178.4	179.3	180.1	180.4	180.1	178.7
170.0	178.0	178.6	179.1	179.6	180.3	181.0	181.6	182.2	182.4	182.2
172.5	180.5	180.9	181.2	181.6	182.1	182.6	183.2	183.7	184.1	184.4
175.0	182.9	183.1	183.4	183.7	184.0	184.3	184.7	185.1	185.4	185.8
177.5	185.3	185.4	185.5	185.7	185.8	186.0	186.2	186.4	186.6	186.8
180.0	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7

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

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

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5	542.5
2.5	538.7	538.8	538.9	539.0	539.2	539.3	539.5	539.8	540.0	540.3
5.0	534.6	534.6	534.7	534.9	535.0	535.3	535.6	535.9	536.3	536.8
7.5	530.1	530.1	530.1	530.1	530.2	530.4	530.7	531.0	531.5	532.1
10.0	525.5	525.2	524.9	524.7	524.6	524.6	524.7	525.0	525.4	526.0
12.5	520.4	519.8	519.2	518.7	518.2	517.8	517.7	517.8	518.1	518.7
15.0	515.1	514.0	513.0	511.9	511.0	510.4	509.9	509.6	509.8	510.2
17.5	508.7	507.9	506.2	504.7	503.3	502.1	501.2	500.5	500.3	500.7
20.0	496.4	496.8	497.6	497.0	495.0	493.1	491.6	490.6	490.0	490.1
22.5	483.9	484.0	484.3	485.1	486.1	483.5	481.4	479.7	478.7	478.4
25.0	471.2	470.9	470.8	471.1	472.0	473.2	470.4	468.1	466.6	466.0
27.5	458.4	457.6	457.0	456.8	457.1	458.1	458.8	455.8	453.8	452.6
30.0	445.4	444.0	443.0	442.2	442.0	442.5	443.9	443.0	440.2	438.4
32.5	432.3	430.6	428.7	427.4	426.6	426.6	427.4	429.3	426.0	423.8
35.0	416.7	416.8	414.4	412.4	411.0	410.3	410.4	412.0	411.2	408.3
37.5	399.0	398.7	399.1	397.3	395.2	393.6	393.2	394.1	395.8	392.2
40.0	381.0	380.4	380.4	380.9	379.1	376.9	375.7	375.9	377.8	375.6
42.5	363.1	362.1	361.5	361.4	362.2	359.9	358.0	357.3	358.6	358.4
45.0	345.2	343.9	342.8	342.1	341.9	343.0	340.0	338.5	339.1	340.9
47.5	327.5	325.7	324.0	322.7	321.6	322.4	322.0	319.7	319.3	321.4
50.0	308.5	307.6	305.5	302.5	301.5	301.5	302.7	300.6	299.2	300.6
52.5	287.0	286.7	287.2	283.0	281.5	280.6	281.0	281.5	279.1	279.5
55.0	265.6	265.0	264.4	263.5	261.7	260.0	259.6	260.8	258.7	257.0
57.5	244.3	243.4	241.8	241.4	241.7	239.6	238.3	238.4	238.3	235.9
60.0	223.1	222.0	220.2	219.4	219.2	219.5	217.2	216.3	217.6	214.8
62.5	202.1	200.7	198.9	197.8	197.0	196.9	196.5	194.7	194.7	193.7
65.0	180.5	179.4	177.9	176.3	175.1	174.5	174.5	173.4	172.3	172.9
67.5	158.7	157.6	156.5	155.2	153.6	152.4	151.9	152.4	150.5	150.7
70.0	137.1	136.0	134.9	133.7	132.4	131.0	130.0	129.7	129.5	127.6
72.5	115.6	114.6	113.5	112.4	111.2	109.9	108.7	107.9	107.9	106.5
75.0	94.21	93.39	92.50	91.55	90.56	89.41	88.17	86.93	86.39	86.52
77.5	74.45	72.36	71.72	71.04	70.33	69.51	68.51	67.25	66.17	66.07
80.0	59.85	57.85	55.53	52.87	50.50	50.13	49.59	48.80	47.58	46.85
82.5	45.35	43.82	42.02	39.96	37.59	34.88	31.72	31.27	30.77	29.81
85.0	30.94	29.89	28.67	27.27	25.63	23.75	21.53	18.93	15.77	15.10
87.5	16.58	16.05	15.43	14.72	13.87	12.88	11.71	10.32	8.620	6.420
90.0	2.241	2.245	2.245	2.245	2.208	2.152	2.078	1.989	1.891	1.770
92.5	7.566	7.106	6.590	5.978	5.204	4.484	3.797	3.069	2.454	2.148
95.0	12.89	11.99	10.98	9.756	8.264	6.888	5.599	4.257	3.113	3.419
97.5	18.21	16.93	15.45	13.63	11.45	9.431	7.558	7.085	6.786	6.345
100.0	23.52	21.94	20.04	17.63	15.30	14.43	13.38	12.32	11.23	10.65
102.5	28.83	27.07	25.56	24.64	24.45	22.05	19.94	17.99	16.89	16.23
105.0	33.70	32.86	32.38	32.69	33.90	30.27	27.17	25.40	24.17	22.70
107.5	38.37	38.53	39.02	40.50	42.95	39.22	36.55	35.73	33.03	31.10
110.0	43.08	44.05	45.40	47.98	51.48	48.15	46.73	48.55	44.25	42.41
112.5	47.83	49.40	51.48	54.76	56.56	55.93	55.88	60.89	56.08	58.30
115.0	52.64	54.52	57.04	59.47	61.25	62.42	63.67	66.50	66.36	68.76
117.5	58.12	60.31	62.41	64.49	66.09	67.15	69.27	71.02	72.63	73.91
120.0	64.73	66.43	68.01	69.72	71.13	72.12	73.60	75.30	77.29	78.69
122.5	71.47	72.79	73.88	75.22	76.38	77.25	78.30	79.97	81.71	83.58
125.0	78.27	79.44	80.05	80.99	81.81	82.60	83.54	85.19	86.94	88.93
127.5	85.11	86.37	86.56	86.83	87.43	88.18	89.14	90.68	92.80	95.07
130.0	91.96	93.51	93.55	93.19	93.36	94.12	95.04	96.79	99.00	101.6
132.5	99.13	100.8	101.0	100.3	99.73	100.2	101.5	103.4	105.8	108.6
135.0	106.6	108.2	108.8	108.1	107.0	106.9	108.4	110.4	113.0	114.9
137.5	114.1	115.8	116.8	116.5	115.3	114.5	115.6	117.7	120.4	119.1
140.0	121.7	123.2	124.7	125.0	123.8	122.9	123.4	125.4	128.1	123.0
142.5	129.6	130.6	132.7	132.1	131.7	131.4	131.8	133.4	135.2	127.6
145.0	137.7	137.7	137.4	137.2	137.7	139.2	140.1	141.6	140.3	134.5
147.5	143.9	141.8	138.9	141.6	142.1	144.2	147.2	149.5	146.4	142.7
150.0	146.4	147.3	143.3	142.4	146.1	147.2	150.5	153.0	152.6	150.7
152.5	145.9	151.3	150.2	145.3	145.4	150.7	152.2	154.6	156.2	156.9
155.0	144.1	150.7	156.1	153.8	148.8	145.6	154.0	157.4	159.2	160.9
157.5	143.4	147.3	154.4	160.5	159.5	156.1	154.3	155.9	161.2	164.4
160.0	147.6	146.2	149.2	156.6	163.7	166.4	165.7	165.2	165.7	167.2
162.5	157.5	151.9	150.6	153.5	159.1	164.9	169.6	172.4	173.8	175.2
165.0	168.5	162.9	159.2	157.9	159.0	161.8	165.6	169.5	172.0	175.8
167.5	176.6	173.5	169.9	167.2	166.0	165.9	166.9	168.7	171.0	173.5
170.0	181.6	180.4	179.0	177.4	175.8	174.8	174.3	174.4	175.2	176.3
172.5	184.5	184.4	184.1	183.8	183.4	183.0	182.6	182.5	182.5	182.7
175.0	186.1	186.4	186.6	186.8	187.0	187.1	187.2	187.3	187.5	187.8
177.5	187.0	187.2	187.4	187.7	187.9	188.1	188.2	188.4	188.6	188.8
180.0	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7

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

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

Photometric Data Table [cd]

G/C	350.0	355.0
0.0	542.5	542.5
2.5	540.6	540.9
5.0	537.4	538.0
7.5	532.8	533.6
10.0	526.8	527.8
12.5	519.6	520.7
15.0	511.1	512.4
17.5	501.5	502.8
20.0	490.7	492.1
22.5	478.9	480.2
25.0	466.2	467.5
27.5	452.6	453.8
30.0	438.1	439.2
32.5	423.0	423.8
35.0	407.1	407.7
37.5	390.5	390.8
40.0	373.3	373.2
42.5	355.5	355.1
45.0	337.2	336.4
47.5	318.3	317.0
50.0	299.1	297.2
52.5	278.4	276.2
55.0	258.0	255.6
57.5	237.4	234.6
60.0	215.2	213.3
62.5	193.0	191.8
65.0	170.8	170.3
67.5	148.5	148.7
70.0	127.0	127.4
72.5	106.1	106.5
75.0	85.19	84.83
77.5	65.09	64.52
80.0	47.12	45.85
82.5	29.41	28.94
85.0	14.46	14.64
87.5	3.330	3.149
90.0	1.676	1.541
92.5	2.009	2.021
95.0	2.956	2.786
97.5	5.930	5.761
100.0	10.34	9.621
102.5	15.47	14.14
105.0	21.77	20.12
107.5	29.79	28.26
110.0	40.22	38.57
112.5	55.02	53.00
115.0	67.55	66.77
117.5	74.47	70.42
120.0	79.97	73.91
122.5	85.38	80.07
125.0	90.19	86.77
127.5	94.72	90.63
130.0	99.33	94.47
132.5	104.2	99.30
135.0	109.0	104.4
137.5	112.6	107.4
140.0	115.7	109.5
142.5	120.4	113.7
145.0	128.2	122.2
147.5	138.8	135.1
150.0	148.6	146.9
152.5	156.9	156.8
155.0	162.9	164.7
157.5	166.9	169.2
160.0	169.5	172.6
162.5	176.8	178.9
165.0	178.3	180.5
167.5	176.1	178.6
170.0	177.7	179.2
172.5	183.1	183.7
175.0	188.0	188.3
177.5	188.9	189.1
180.0	187.7	187.7

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

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