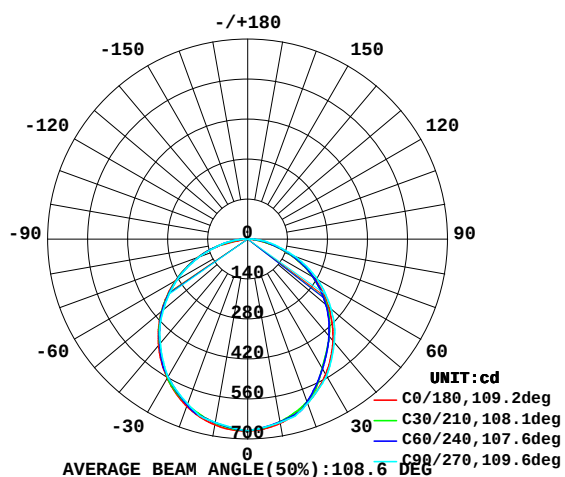


LUMINAIRE PHOTOMETRIC TEST REPORT

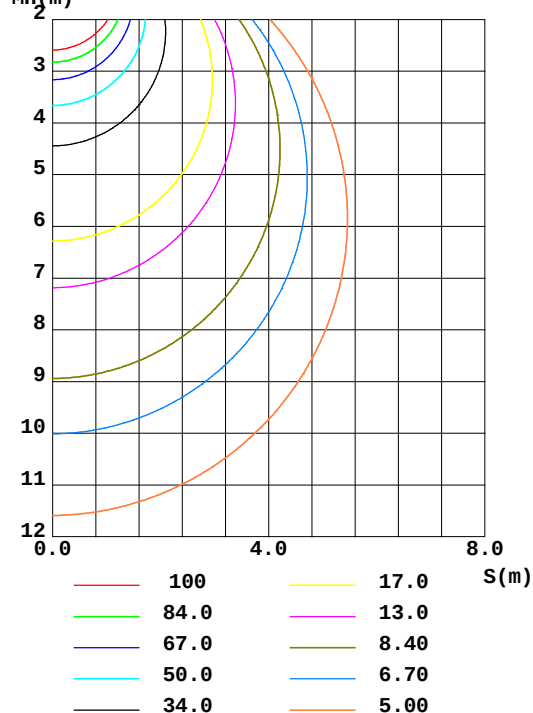
Test:U:120.3V I:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.90 lm/W			
EB1 MODEL		I _{max} (cd)	671.7	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)	1821.2	η UP, DN(C0-180)	0.2,48.8
NOMINAL FLUX(lm)	1821.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.9
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.6	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



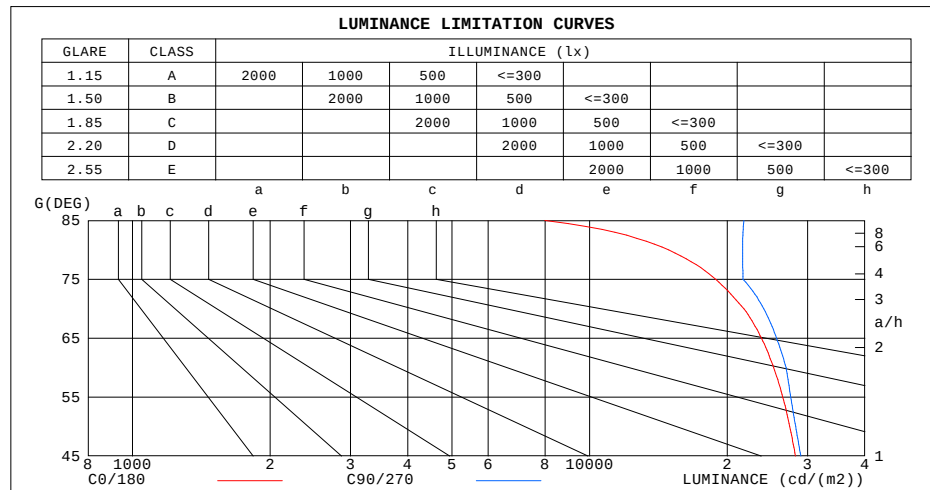
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

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	666.8	661.9	661.7	663.9	669.7	664.0	661.8	661.9	0- 5	15.94	15.94	0.88, 0.88
10	655.0	648.9	651.8	652.9	660.7	653.0	652.0	649.1	5- 10	47.05	62.99	3.46, 3.46
15	636.3	632.8	641.9	638.4	645.0	638.6	642.2	633.1	10- 15	76.49	139.5	7.66, 7.66
20	611.6	613.8	612.4	621.1	623.1	621.3	614.3	614.2	15- 20	103.1	242.6	13.3, 13.3
25	581.4	573.2	582.9	590.6	595.7	590.8	586.5	582.2	20- 25	125.4	368.0	20.2, 20.2
30	546.6	531.1	553.5	556.7	563.2	556.8	558.6	546.4	25- 30	143.0	511.0	28.1, 28.1
35	507.4	492.1	512.5	521.5	526.4	521.6	517.6	509.4	30- 35	155.8	666.8	36.6, 36.6
40	464.6	455.5	471.5	483.9	485.7	484.2	476.5	470.3	35- 40	163.3	830.1	45.6, 45.6
45	418.8	408.1	430.5	433.5	441.5	437.0	435.5	422.2	40- 45	165.6	995.7	54.7, 54.7
50	370.1	362.2	381.2	381.0	394.3	389.9	385.6	374.5	45- 50	162.2	1158	63.6, 63.6
55	318.8	317.6	331.9	323.0	344.3	342.8	335.6	327.1	50- 55	152.8	1311	72, 72
60	265.6	265.1	282.6	253.8	292.5	288.4	285.7	272.1	55- 60	138.0	1449	79.5, 79.5
65	210.9	212.6	227.7	192.2	237.2	235.0	231.1	218.3	60- 65	118.5	1567	86.1, 86.1
70	156.3	160.2	172.7	139.1	183.2	181.4	176.5	165.0	65- 70	95.87	1663	91.3, 91.3
75	102.6	108.0	117.8	92.39	124.1	126.5	122.0	112.1	70- 75	71.16	1734	95.2, 95.2
80	54.36	60.30	78.82	50.70	33.96	74.36	81.38	63.56	75- 80	46.34	1781	97.8, 97.8
85	14.60	30.68	39.84	25.16	12.43	36.76	40.78	31.62	80- 85	25.42	1806	99.2, 99.2
90	0.3361	1.727	0.8636	0.9617	1.173	0.1774	0.1922	0.4062	85- 90	8.110	1814	99.6, 99.6
95	0.2939	1.617	0.9602	1.063	0.1399	0.2255	0.2573	0.3579	90- 95	0.4312	1815	99.6, 99.6
100	0.2848	1.502	1.057	1.158	0.2145	0.2840	0.3224	0.3103	95-100	0.4384	1815	99.7, 99.7
105	0.3783	1.503	1.153	1.248	0.2847	0.3780	0.3875	0.4158	100-105	0.4420	1815	99.7, 99.7
110	0.4951	1.529	1.265	1.352	0.3920	0.4808	0.5104	0.5513	105-110	0.4569	1816	99.7, 99.7
115	0.6445	1.560	1.377	1.388	0.5322	0.5954	0.6333	0.6811	110-115	0.4746	1816	99.7, 99.7
120	0.7985	1.598	1.489	1.399	0.6578	0.7400	0.7563	0.7994	115-120	0.4890	1817	99.8, 99.8
125	0.9339	1.629	1.612	1.454	0.7608	0.8807	0.8792	0.9002	120-125	0.5002	1817	99.8, 99.8
130	1.065	1.588	1.735	1.465	0.9057	0.9814	1.002	1.038	125-130	0.5076	1818	99.8, 99.8
135	1.172	1.630	1.858	1.498	1.013	1.070	1.125	1.147	130-135	0.5104	1818	99.8, 99.8
140	1.279	1.756	1.912	1.550	1.111	1.190	1.220	1.275	135-140	0.5044	1819	99.9, 99.9
145	1.377	1.856	1.967	1.629	1.214	1.261	1.315	1.349	140-145	0.4856	1819	99.9, 99.9
150	1.457	1.877	2.021	1.655	1.358	1.365	1.410	1.428	145-150	0.4518	1820	99.9, 99.9
155	1.550	1.851	1.965	1.690	1.414	1.463	1.472	1.476	150-155	0.4024	1820	99.9, 99.9
160	1.625	1.845	1.909	1.707	1.489	1.546	1.534	1.562	155-160	0.3425	1821	100, 100
165	1.639	1.812	1.853	1.708	1.559	1.588	1.597	1.588	160-165	0.2734	1821	100, 100
170	1.648	1.754	1.783	1.701	1.592	1.616	1.614	1.617	165-170	0.1979	1821	100, 100
175	1.643	1.698	1.713	1.681	1.639	1.629	1.631	1.635	170-175	0.1191	1821	100, 100
180	1.643	1.643	1.643	1.643	1.648	1.648	1.648	1.648	175-180	0.0396	1821	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7979	21767
80	14908	21614
75	18884	21672
70	21755	24050
65	23763	25655
60	25296	26917
55	26464	27555
50	27414	28239
45	28203	28988

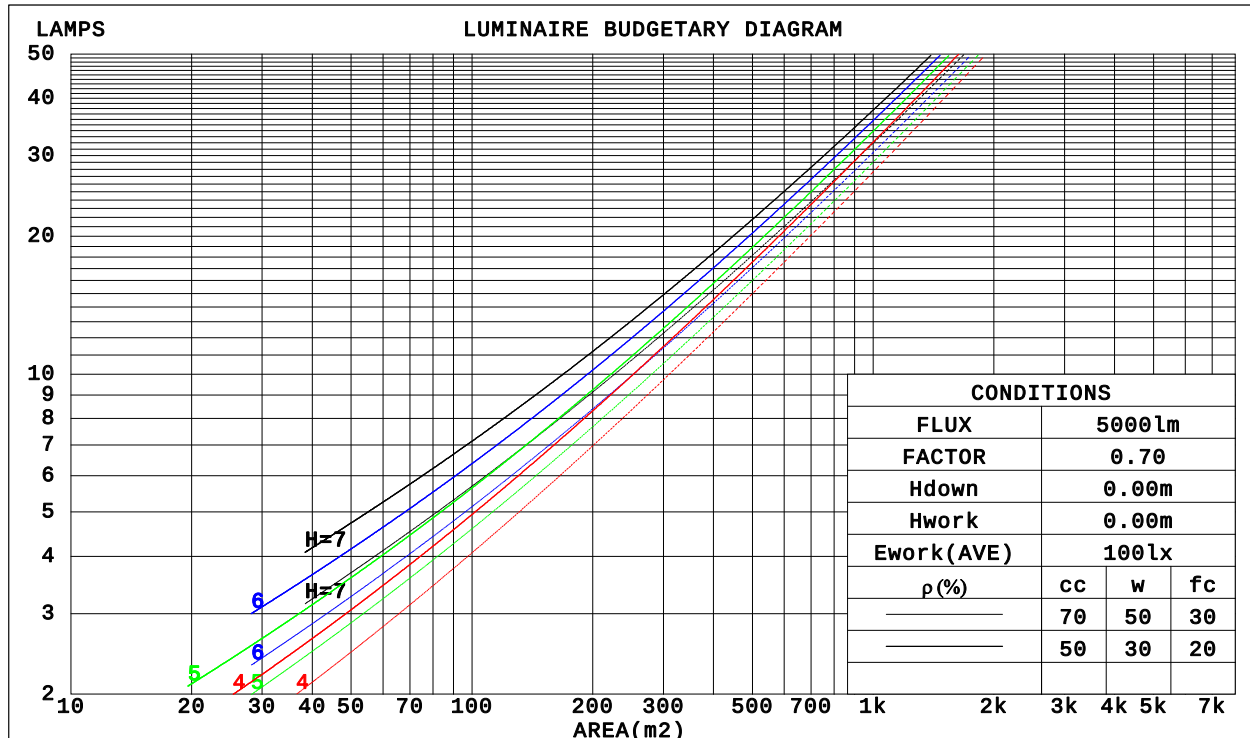
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.53	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.47	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.30	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.37	.31	.26	.25



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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	.305	.173	.055	.297	.170	.054	.284	.163	.052	.272	.157	.050	.260	.151	.049		
2.0	.287	.157	.048	.281	.155	.048	.269	.150	.046	.258	.145	.045	.248	.140	.044		
3.0	.266	.142	.042	.261	.140	.042	.250	.136	.041	.240	.132	.040	.231	.128	.040		
4.0	.246	.128	.038	.241	.126	.037	.232	.123	.037	.223	.120	.036	.215	.117	.036		
5.0	.228	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032		
6.0	.212	.106	.030	.208	.105	.030	.200	.103	.030	.193	.100	.030	.187	.098	.029		
7.0	.197	.097	.028	.194	.096	.027	.187	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.184	.090	.025	.181	.089	.025	.175	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.160	.080	.023	.155	.079	.023		
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.146	.074	.021		

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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021		
1.0	.183	.159	.138	.157	.137	.119	.107	.094	.082	.062	.054	.048	.020	.018	.015		
2.0	.175	.135	.102	.150	.116	.088	.103	.080	.061	.059	.047	.036	.019	.015	.012		
3.0	.167	.117	.078	.143	.101	.067	.098	.070	.047	.057	.041	.028	.018	.013	.009		
4.0	.159	.104	.062	.137	.090	.054	.094	.063	.038	.054	.037	.022	.017	.012	.007		
5.0	.152	.094	.051	.130	.081	.044	.090	.057	.031	.052	.033	.018	.017	.011	.006		
6.0	.145	.085	.042	.124	.074	.037	.086	.052	.026	.050	.030	.016	.016	.010	.005		
7.0	.138	.078	.037	.119	.068	.032	.082	.048	.023	.048	.028	.013	.015	.009	.004		
8.0	.131	.072	.032	.113	.063	.028	.078	.044	.020	.046	.026	.012	.015	.009	.004		
9.0	.125	.067	.028	.108	.059	.025	.075	.041	.018	.044	.024	.010	.014	.008	.003		
10.0	.120	.063	.026	.103	.055	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003		

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	24.0	25.5	24.2	25.7	25.9	24.0	25.5	24.2	25.7	25.9	
	3H	25.4	26.7	25.7	27.0	27.2	25.4	26.8	25.7	27.0	27.3
	4H	25.9	27.2	26.2	27.4	27.7	26.0	27.3	26.3	27.5	27.8
	6H	26.2	27.4	26.5	27.7	28.0	26.4	27.6	26.7	27.9	28.2
	8H	26.2	27.4	26.6	27.7	28.0	26.6	27.8	26.9	28.1	28.4
	12H	26.2	27.4	26.6	27.7	28.0	26.7	27.9	27.1	28.2	28.5
4H	2H	24.6	25.9	24.9	26.1	26.4	24.6	25.9	24.9	26.1	26.4
	3H	26.1	27.3	26.5	27.6	27.9	26.2	27.4	26.6	27.7	28.0
	4H	26.7	27.8	27.1	28.1	28.5	26.9	27.9	27.3	28.3	28.6
	6H	27.1	28.1	27.5	28.4	28.8	27.5	28.4	27.9	28.8	29.1
	8H	27.2	28.1	27.7	28.5	28.9	27.7	28.6	28.1	28.9	29.3
	12H	27.3	28.1	27.7	28.5	28.9	27.9	28.7	28.3	29.1	29.5
8H	4H	27.0	27.9	27.4	28.2	28.6	27.1	28.0	27.5	28.4	28.7
	6H	27.5	28.2	28.0	28.6	29.1	27.8	28.6	28.3	29.0	29.4
	8H	27.7	28.3	28.1	28.7	29.2	28.2	28.8	28.7	29.3	29.7
	12H	27.7	28.3	28.2	28.7	29.2	28.5	29.0	29.0	29.5	30.0
12H	4H	27.0	27.8	27.4	28.2	28.6	27.1	27.9	27.5	28.3	28.7
	6H	27.6	28.2	28.0	28.6	29.1	27.9	28.5	28.3	29.0	29.4
	8H	27.8	28.3	28.2	28.8	29.2	28.3	28.8	28.8	29.3	29.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 1821 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.1)

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:

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

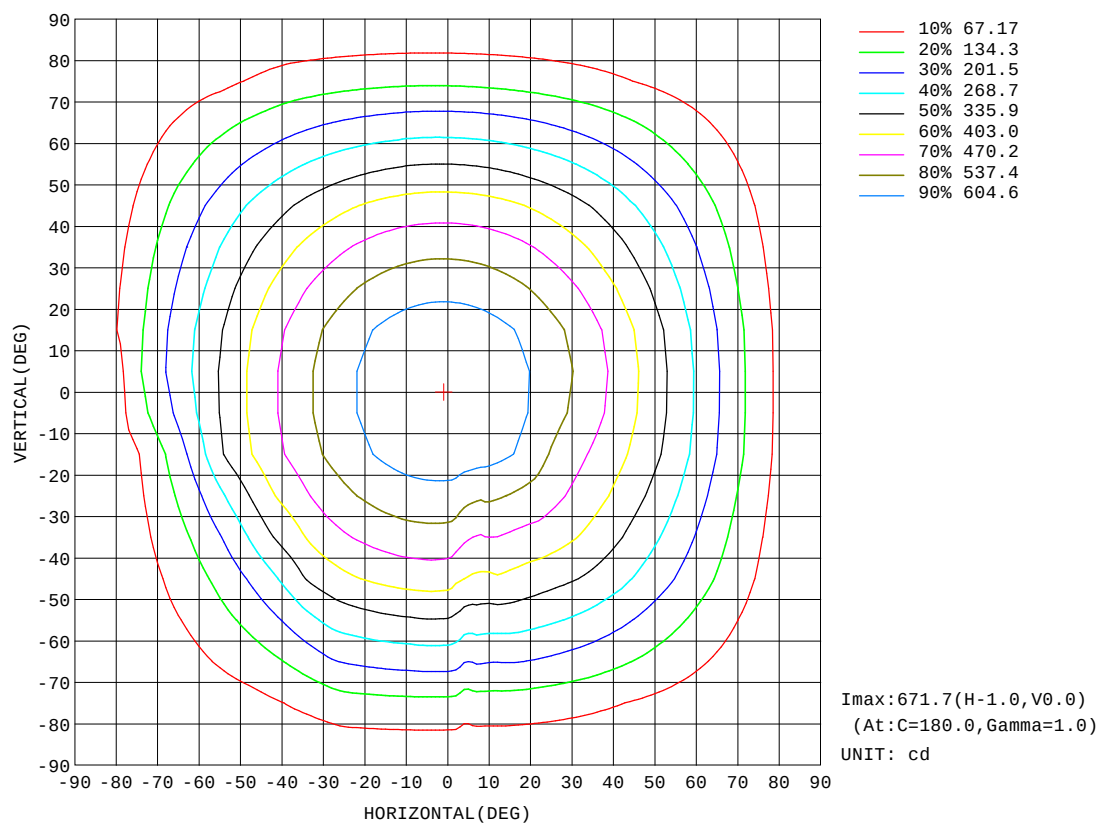
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	76	66	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	89	79	72	87	78	71	84	76	70	63
2.00	95	87	81	93	86	80	90	83	78	70
2.50	99	91	86	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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:

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



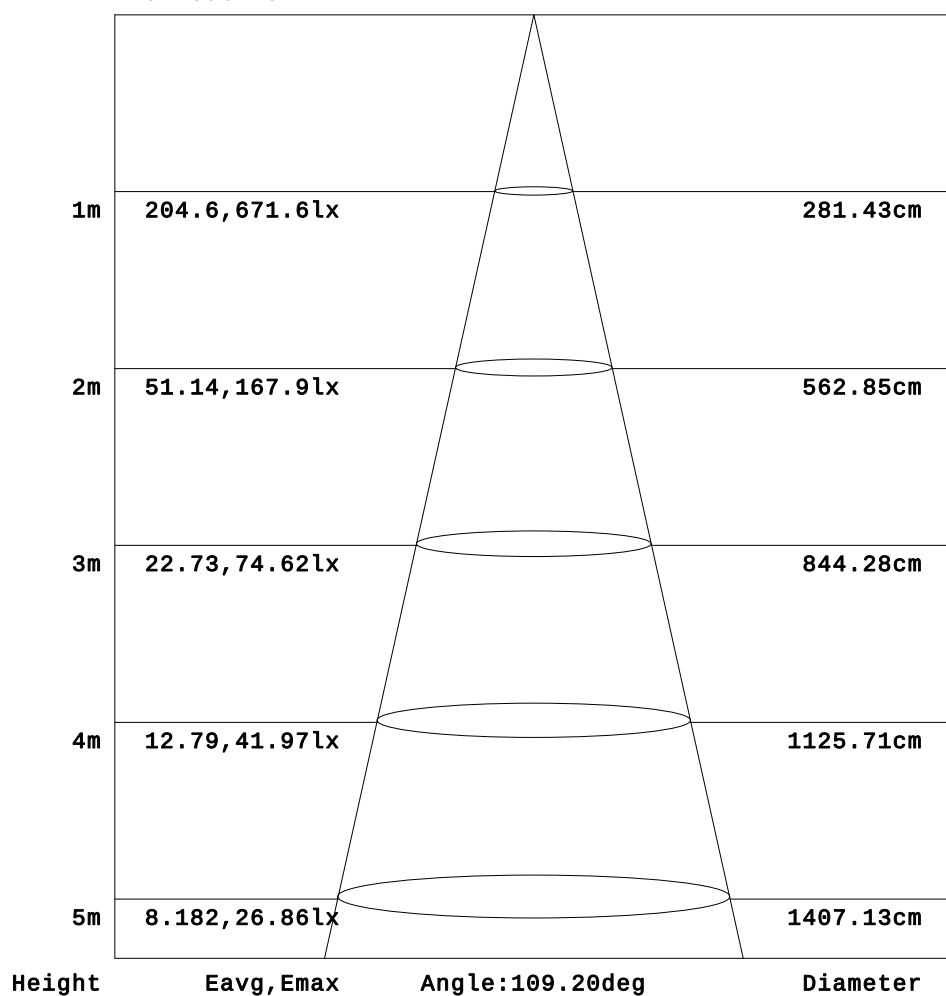
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:

AAI Figure

Test:U:120.3V I:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:1311 lm



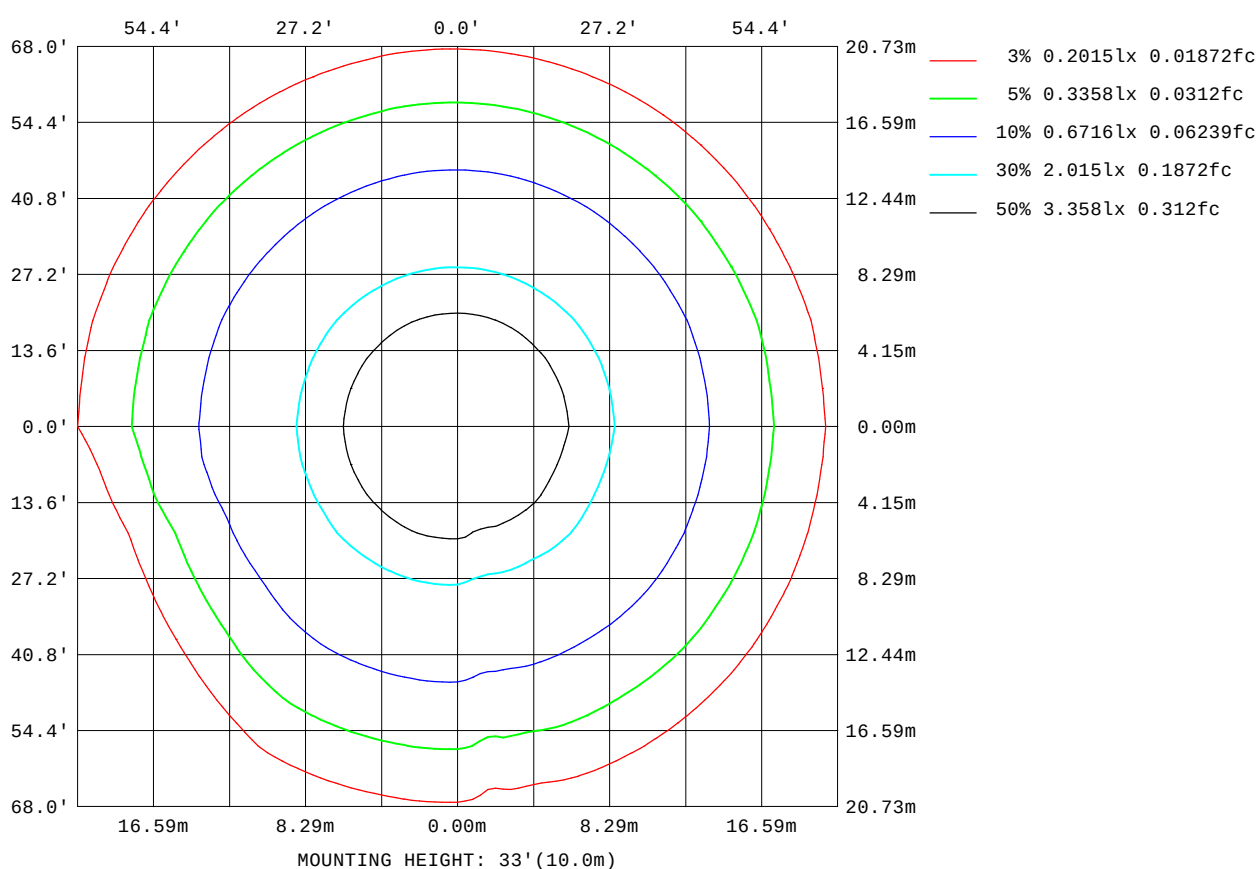
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

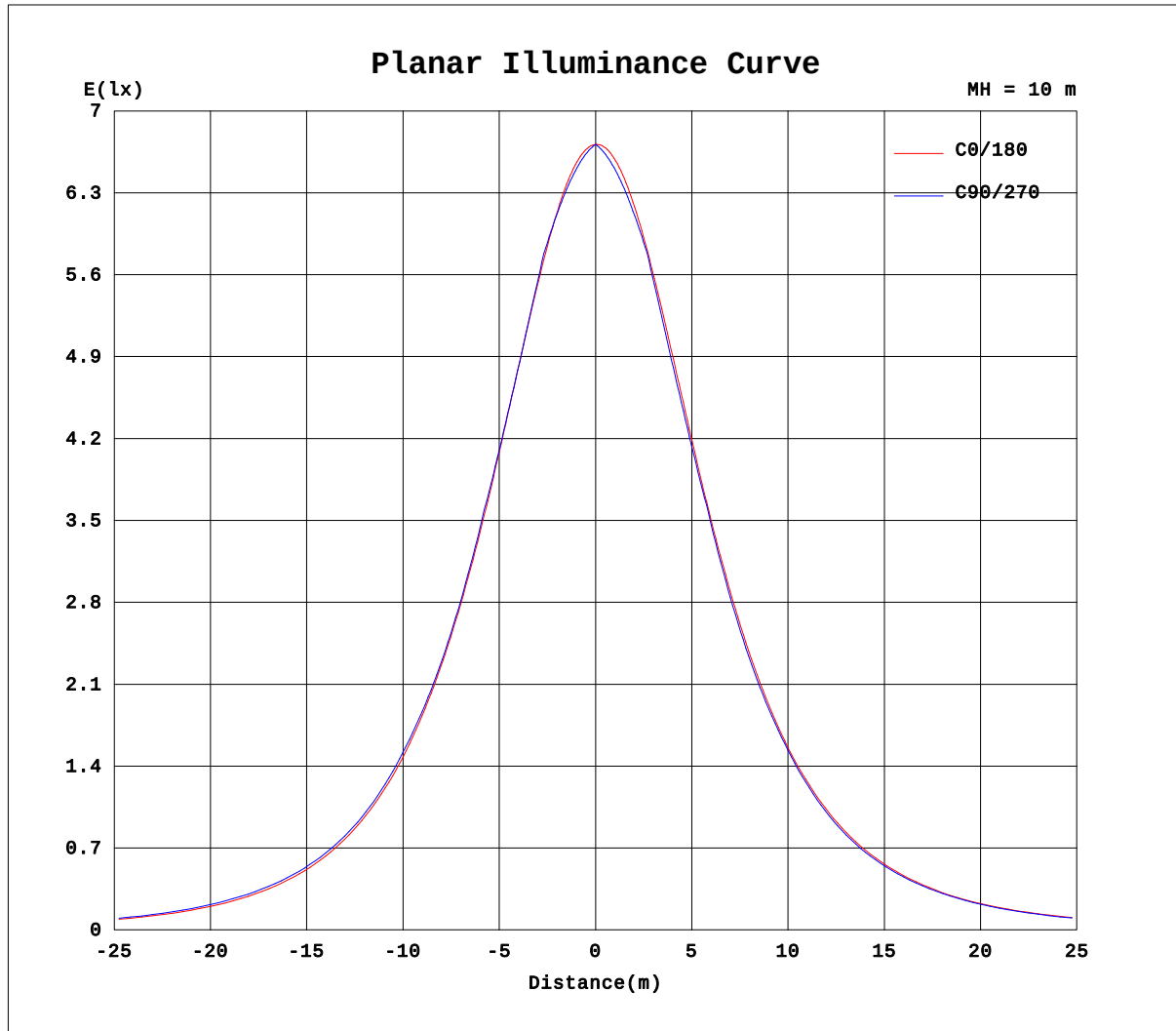
AvgL	cd/m2
L_0~180(65)av	25244
L_0~180(75)av	20859
L_0~180(85)av	7384
L_90~270(65)av	25847
L_90~270(75)av	22056
L_90~270(85)av	22025
L_45(65)av	24174
L_45(75)av	20192
L_45(85)av	16968

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672
5	667	666	665	664	664	663	663	662	662	662	662	662	661	661	661	661	661	662	662
10	655	653	652	651	650	650	649	649	649	649	649	649	650	650	650	651	651	651	652
15	636	634	632	631	631	630	630	631	632	633	634	635	637	638	639	640	641	641	642
20	612	608	606	604	604	604	606	608	611	614	613	610	607	603	601	601	604	611	612
25	581	574	569	566	565	566	571	577	576	573	571	568	566	565	558	557	562	577	583
30	547	538	530	525	521	520	522	525	529	531	529	526	524	523	522	511	517	540	553
35	507	498	491	486	483	481	482	484	488	492	493	488	484	482	482	475	475	493	512
40	465	456	451	447	445	443	444	448	452	455	453	449	443	442	444	438	435	449	471
45	419	411	407	407	404	403	405	411	409	408	406	404	402	401	404	400	395	407	430
50	370	364	363	361	358	359	362	362	362	362	361	359	357	358	359	357	350	356	381
55	319	315	316	312	311	312	312	314	316	318	315	312	311	311	312	309	305	305	332
60	266	262	262	259	261	260	262	265	266	265	265	264	264	266	266	261	259	255	283
65	211	208	207	207	207	209	211	211	211	213	214	216	215	216	216	212	209	203	228
70	156	156	152	153	156	156	156	157	159	160	161	162	162	163	163	161	158	152	173
75	103	102	101	104	104	104	105	106	107	108	109	109	110	110	110	110	108	101	118
80	54.4	54.3	56.6	55.4	55.8	56.9	57.5	57.7	57.6	60.3	63.4	66.1	68.4	70.4	72.0	72.8	72.1	67.6	78.8
85	14.6	17.1	16.1	16.6	17.1	21.0	24.1	26.6	28.8	30.7	32.3	33.7	34.8	35.9	36.6	37.0	36.6	34.3	39.8
90	0.34	1.94	1.94	1.94	1.89	1.87	1.86	1.82	1.78	1.73	1.72	1.56	1.49	1.43	1.36	1.27	1.18	0.99	0.86
95	0.29	1.76	1.74	1.75	1.75	1.74	1.71	1.69	1.66	1.62	1.59	1.49	1.42	1.37	1.33	1.27	1.19	1.06	0.96
100	0.28	1.29	1.64	1.63	1.62	1.62	1.61	1.58	1.54	1.50	1.47	1.40	1.34	1.31	1.30	1.27	1.21	1.13	1.06
105	0.38	0.87	1.40	1.57	1.57	1.56	1.57	1.56	1.53	1.50	1.45	1.39	1.34	1.30	1.30	1.28	1.23	1.20	1.15
110	0.50	0.69	1.16	1.42	1.51	1.55	1.56	1.55	1.55	1.53	1.49	1.46	1.43	1.40	1.40	1.33	1.31	1.31	1.27
115	0.64	0.72	0.97	1.32	1.43	1.54	1.57	1.57	1.57	1.56	1.54	1.55	1.53	1.51	1.49	1.37	1.40	1.43	1.38
120	0.80	0.84	0.95	1.20	1.37	1.45	1.52	1.59	1.62	1.60	1.56	1.55	1.54	1.55	1.56	1.42	1.50	1.54	1.49
125	0.93	0.98	1.03	1.16	1.29	1.37	1.45	1.55	1.61	1.63	1.57	1.52	1.52	1.56	1.60	1.58	1.63	1.66	1.61
130	1.06	1.09	1.12	1.20	1.28	1.35	1.43	1.52	1.60	1.59	1.56	1.51	1.51	1.61	1.71	1.74	1.76	1.77	1.74
135	1.17	1.20	1.25	1.32	1.37	1.43	1.51	1.57	1.60	1.63	1.63	1.65	1.67	1.74	1.83	1.89	1.88	1.88	1.86
140	1.28	1.32	1.37	1.43	1.49	1.54	1.58	1.61	1.68	1.76	1.81	1.83	1.84	1.88	1.96	1.95	1.94	1.93	1.91
145	1.38	1.42	1.46	1.51	1.56	1.60	1.65	1.69	1.75	1.86	1.94	1.98	1.98	2.03	2.03	2.02	1.99	1.98	1.97
150	1.46	1.49	1.53	1.57	1.61	1.64	1.69	1.75	1.83	1.88	1.91	1.94	2.00	2.05	2.06	2.06	2.03	2.03	2.02
155	1.55	1.58	1.60	1.63	1.67	1.72	1.76	1.80	1.83	1.85	1.88	1.94	1.97	1.98	1.99	1.98	1.97	1.97	1.97
160	1.62	1.65	1.67	1.69	1.71	1.73	1.75	1.78	1.81	1.85	1.87	1.89	1.91	1.92	1.92	1.92	1.92	1.92	1.91
165	1.64	1.66	1.68	1.69	1.72	1.74	1.76	1.78	1.79	1.81	1.83	1.84	1.85	1.86	1.86	1.87	1.87	1.86	1.85
170	1.65	1.66	1.67	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.79	1.79	1.79	1.79	1.78
175	1.64	1.65	1.66	1.66	1.67	1.68	1.68	1.69	1.69	1.70	1.70	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71
180	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672
5	662	662	662	662	663	663	663	664	664	664	665	665	666	667	667	668	669	670	669
10	652	652	652	652	652	653	653	653	653	653	653	654	655	655	656	658	659	661	659
15	642	642	642	642	641	640	640	639	638	638	638	638	638	638	639	641	643	645	643
20	613	614	615	616	617	618	620	621	621	619	618	617	616	616	617	618	620	623	620
25	584	585	586	587	588	588	589	590	591	592	595	592	590	589	589	590	592	596	592
30	555	557	558	559	558	558	557	557	557	557	559	561	560	558	557	557	559	563	559
35	515	517	519	521	522	523	525	523	522	521	521	521	523	523	521	521	522	526	522
40	475	476	478	478	479	479	480	482	484	482	477	476	477	482	482	480	481	486	481
45	435	435	436	436	435	435	435	435	434	431	428	425	427	433	440	437	437	441	437
50	385	386	386	387	388	390	389	386	381	372	367	373	371	373	385	391	390	394	390
55	334	334	335	336	336	337	335	331	323	307	301	299	297	300	318	341	338	344	340
60	284	283	283	284	285	285	278	268	254	241	231	227	224	223	238	258	270	293	289
65	229	229	230	231	232	232	219	204	192	182	174	168	164	162	164	177	198	237	235
70	174	174	175	176	177	174	161	149	139	131	125	120	115	112	111	115	127	183	182
75	119	120	121	122	124	118	108	100	92.4	86.0	82.4	78.6	73.5	71.1	68.1	67.2	66.7	124	122
80	79.4	79.8	80.0	80.0	80.0	73.1	65.5	58.8	50.7	44.8	44.4	43.3	40.8	39.2	38.2	36.7	35.6	34.0	68.8
85	40.2	40.4	40.4	40.4	40.4	36.6	32.8	29.4	25.2	22.1	20.3	18.6	16.9	16.0	17.4	18.9	18.4	12.4	25.2
90	0.91	0.96	0.87	0.91	0.90	0.89	0.91	0.92	0.96	0.99	0.99	0.99	0.99	1.04	0.94	0.79	0.59	1.17	0.15
95	0.98	1.01	0.95	0.98	0.98	0.98	1.00	1.02	1.06	1.13	1.19	1.28	1.38	1.46	1.44	1.42	1.26	0.14	0.18
100	1.05	1.07	1.04	1.06	1.06	1.07	1.09	1.11	1.16	1.27	1.37	1.52	1.63	1.75	1.77	1.73	0.63	0.21	0.23
105	1.12	1.12	1.13	1.14	1.15	1.16	1.19	1.21	1.25	1.36	1.51	1.67	1.77	1.76	1.74	1.04	0.44	0.28	0.34
110	1.24	1.23	1.24	1.25	1.26	1.27	1.28	1.31	1.35	1.44	1.53	1.58	1.61	1.56	1.18	0.76	0.43	0.39	0.46
115	1.36	1.35	1.35	1.36	1.37	1.39	1.38	1.39	1.39	1.39	1.40	1.43	1.38	1.17	0.87	0.69	0.54	0.53	0.56
120	1.49	1.46	1.46	1.47	1.47	1.47	1.44	1.43	1.40	1.36	1.33	1.24	1.12	0.92	0.83	0.71	0.66	0.66	0.68
125	1.60	1.58	1.56	1.56	1.56	1.56	1.53	1.49	1.45	1.36	1.26	1.16	0.99	0.94	0.86	0.80	0.78	0.76	0.79
130	1.71	1.69	1.66	1.65	1.65	1.65	1.61	1.54	1.47	1.37	1.25	1.13	1.05	1.02	0.95	0.92	0.90	0.91	0.91
135	1.82	1.79	1.76	1.73	1.71	1.68	1.65	1.57	1.50	1.42	1.31	1.24	1.17	1.11	1.07	1.04	1.02	1.01	1.03
140	1.86	1.84	1.80	1.77	1.75	1.71	1.67	1.65	1.55	1.48	1.40	1.34	1.29	1.24	1.19	1.16	1.13	1.11	1.12
145	1.90	1.88	1.85	1.82	1.78	1.76	1.71	1.66	1.63	1.55	1.48	1.44	1.39	1.34	1.30	1.27	1.24	1.21	1.22
150	1.94	1.92	1.88	1.85	1.81	1.77	1.74	1.69	1.65	1.61	1.57	1.52	1.48	1.43	1.39	1.36	1.34	1.36	1.35
155	1.91	1.89	1.87	1.84	1.81	1.78	1.74	1.72	1.69	1.65	1.63	1.59	1.55	1.51	1.48	1.45	1.43	1.41	1.41
160	1.87	1.86	1.84	1.82	1.80	1.78	1.76	1.73	1.71	1.68	1.65	1.62	1.59	1.56	1.54	1.52	1.50	1.49	1.49
165	1.83	1.83	1.82	1.80	1.79	1.77	1.75	1.73	1.71	1.69	1.67	1.64	1.62	1.61	1.59	1.58	1.56	1.56	1.56
170	1.77	1.76	1.76	1.76	1.75	1.74	1.73	1.72	1.70	1.69	1.68	1.66	1.65	1.64	1.62	1.61	1.60	1.59	1.59
175	1.71	1.71	1.70	1.70	1.70	1.69	1.69	1.69	1.68	1.68	1.67	1.67	1.66	1.65	1.65	1.64	1.64	1.64	1.64
180	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.65	1.65

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672
5	668	667	667	666	665	665	664	664	664	663	663	663	662	662	662	662	662	662	662
10	658	656	655	655	654	654	653	653	653	653	653	653	653	652	652	652	652	652	651
15	641	639	638	638	638	638	638	639	639	640	641	641	642	642	642	642	642	642	641
20	618	617	616	616	617	618	619	621	621	620	618	618	617	616	615	615	614	614	614
25	590	589	589	590	592	595	593	591	590	589	589	588	588	588	587	587	586	586	585
30	557	557	558	561	561	559	557	557	557	557	558	558	559	559	559	559	559	558	557
35	521	521	524	524	522	521	521	522	523	525	523	522	521	520	519	518	518	517	516
40	480	482	484	481	480	481	483	484	482	481	480	479	479	478	478	477	477	476	475
45	437	440	437	437	438	441	439	437	436	436	436	436	437	437	437	436	435	435	434
50	391	391	390	391	393	391	390	390	391	392	391	390	389	388	387	387	386	385	384
55	343	341	342	344	341	341	342	343	341	340	339	338	337	337	337	337	336	335	334
60	290	288	292	289	289	291	290	288	288	287	287	287	286	286	287	287	286	285	283
65	235	237	235	237	237	236	235	235	235	235	235	234	233	232	233	232	231	230	229
70	182	181	182	182	182	182	182	181	181	181	180	180	179	178	178	178	177	175	174
75	124	124	125	125	127	126	125	126	128	127	127	126	125	125	124	123	122	121	120
80	68.0	67.7	68.9	69.7	69.5	67.7	70.2	74.4	79.0	80.4	81.2	81.8	82.1	82.3	82.3	82.1	81.4	80.7	79.5
85	25.4	24.6	23.9	26.2	28.3	30.0	34.2	36.8	39.3	40.2	40.6	41.0	41.1	41.3	41.5	41.4	40.8	40.6	40.0
90	0.21	0.22	0.26	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.21	0.21	0.21	0.23	0.58	0.65	0.19	0.55	0.50
95	0.16	0.19	0.21	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.27	0.27	0.27	0.29	0.52	0.56	0.26	0.49	0.46
100	0.26	0.25	0.24	0.26	0.28	0.27	0.27	0.28	0.29	0.30	0.32	0.33	0.33	0.34	0.45	0.47	0.32	0.44	0.42
105	0.32	0.37	0.36	0.34	0.37	0.35	0.36	0.38	0.38	0.38	0.39	0.40	0.40	0.40	0.39	0.39	0.39	0.39	0.39
110	0.44	0.45	0.48	0.49	0.47	0.46	0.46	0.48	0.49	0.49	0.50	0.51	0.51	0.52	0.51	0.51	0.51	0.51	0.52
115	0.57	0.56	0.58	0.61	0.62	0.60	0.61	0.60	0.62	0.60	0.63	0.61	0.62	0.64	0.63	0.63	0.63	0.64	0.64
120	0.71	0.69	0.69	0.71	0.73	0.75	0.74	0.74	0.74	0.74	0.75	0.74	0.74	0.76	0.75	0.76	0.76	0.76	0.77
125	0.83	0.82	0.81	0.81	0.84	0.85	0.87	0.88	0.87	0.87	0.88	0.87	0.88	0.89	0.88	0.88	0.88	0.88	0.89
130	0.93	0.95	0.95	0.93	0.94	0.95	0.97	0.98	0.99	1.01	1.02	1.01	1.02	1.02	1.01	1.00	1.00	1.00	1.01
135	1.04	1.08	1.06	1.05	1.08	1.06	1.07	1.07	1.10	1.09	1.11	1.12	1.13	1.14	1.13	1.13	1.13	1.12	1.12
140	1.14	1.16	1.18	1.17	1.16	1.16	1.18	1.19	1.17	1.19	1.20	1.21	1.22	1.22	1.23	1.22	1.22	1.22	1.22
145	1.24	1.25	1.28	1.28	1.27	1.28	1.27	1.26	1.28	1.28	1.29	1.30	1.30	1.31	1.32	1.32	1.31	1.32	1.32
150	1.35	1.35	1.36	1.37	1.38	1.37	1.37	1.36	1.37	1.38	1.38	1.38	1.39	1.41	1.41	1.41	1.41	1.41	1.42
155	1.41	1.42	1.43	1.44	1.45	1.47	1.46	1.46	1.47	1.46	1.46	1.47	1.47	1.48	1.48	1.47	1.47	1.47	1.48
160	1.49	1.49	1.49	1.50	1.51	1.52	1.54	1.55	1.55	1.55	1.56	1.55	1.55	1.54	1.54	1.54	1.53	1.54	1.54
165	1.56	1.55	1.55	1.56	1.56	1.57	1.58	1.59	1.59	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
170	1.59	1.60	1.60	1.60	1.61	1.61	1.62	1.62	1.62	1.62	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.62
175	1.64	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
180	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65

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:0.1613A P:19.19W PF:0.9893 Lamp Flux:1821.2x1 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	672	672	672	672	672	672	672	672	672	672	672	672	672	672	672				
5	662	661	661	662	662	662	662	662	663	663	663	664	664	665	666				
10	651	651	650	650	650	649	649	649	649	649	650	650	651	652	653				
15	640	639	638	637	636	634	633	632	631	631	630	631	631	632	634				
20	613	613	613	614	614	615	614	612	610	608	607	606	606	607	609				
25	585	584	583	582	582	582	582	583	585	581	579	577	576	577	578				
30	556	554	552	550	549	547	546	546	547	548	547	544	542	542	543				
35	516	515	515	515	515	512	509	508	507	507	509	508	504	503	504				
40	474	473	471	470	470	470	470	468	465	464	464	466	464	461	461				
45	432	430	428	426	425	423	422	422	423	420	418	418	421	416	416				
50	383	382	381	381	380	377	375	373	373	373	371	369	371	369	367				
55	332	331	329	328	327	327	327	324	322	320	321	319	318	320	316				
60	281	280	278	276	274	273	272	272	270	267	266	268	265	265	263				
65	227	226	225	223	222	220	218	216	215	214	213	212	212	210	209				
70	173	172	170	169	168	166	165	164	161	159	159	159	157	156	156				
75	118	117	116	115	114	113	112	111	109	108	106	105	105	103	103				
80	78.0	76.3	74.4	72.2	69.7	66.8	63.6	60.7	60.3	59.7	58.8	57.4	56.3	56.3	54.7				
85	39.2	38.3	37.3	36.2	34.9	33.4	31.6	29.6	27.4	24.7	21.6	17.8	17.1	16.3	16.0				
90	0.48	0.47	0.45	0.45	0.43	0.42	0.41	0.38	0.36	0.34	0.32	0.30	0.28	0.26	0.23				
95	0.45	0.44	0.43	0.42	0.39	0.37	0.36	0.32	0.29	0.27	0.25	0.23	0.24	0.24	0.22				
100	0.42	0.41	0.41	0.39	0.34	0.32	0.31	0.28	0.27	0.29	0.30	0.31	0.30	0.28	0.29				
105	0.40	0.41	0.42	0.43	0.40	0.40	0.42	0.42	0.41	0.42	0.42	0.40	0.37	0.40	0.36				
110	0.53	0.54	0.55	0.56	0.55	0.54	0.55	0.55	0.55	0.53	0.52	0.53	0.53	0.51	0.48				
115	0.66	0.67	0.68	0.68	0.69	0.68	0.68	0.67	0.66	0.65	0.64	0.65	0.66	0.64	0.61				
120	0.78	0.79	0.80	0.80	0.80	0.80	0.80	0.78	0.77	0.79	0.79	0.80	0.78	0.75	0.76				
125	0.90	0.91	0.91	0.92	0.90	0.92	0.90	0.93	0.91	0.92	0.93	0.92	0.89	0.90	0.90				
130	1.02	1.04	1.01	1.03	1.03	1.02	1.04	1.03	1.05	1.06	1.04	1.02	1.02	1.00	1.03				
135	1.14	1.15	1.14	1.13	1.15	1.14	1.15	1.16	1.17	1.15	1.14	1.12	1.11	1.14	1.14				
140	1.24	1.25	1.26	1.25	1.26	1.27	1.27	1.26	1.26	1.24	1.23	1.23	1.22	1.24	1.26				
145	1.34	1.35	1.36	1.36	1.37	1.36	1.35	1.34	1.33	1.32	1.33	1.33	1.33	1.34	1.36				
150	1.43	1.43	1.44	1.44	1.43	1.42	1.43	1.43	1.41	1.40	1.42	1.41	1.42	1.43	1.45				
155	1.48	1.49	1.49	1.50	1.50	1.49	1.48	1.48	1.49	1.51	1.51	1.50	1.51	1.52	1.54				
160	1.54	1.54	1.54	1.54	1.55	1.56	1.56	1.55	1.55	1.54	1.55	1.56	1.58	1.59	1.61				
165	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.60	1.61	1.61	1.62	1.62	1.63	1.63				
170	1.61	1.61	1.61	1.62	1.61	1.61	1.62	1.62	1.62	1.62	1.63	1.63	1.63	1.64	1.64				
175	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.65				
180	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65				

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	670.0	669.5	669.1	668.8	668.4	668.1	667.8	667.6	667.3	667.1
5.0	666.8	665.9	665.2	664.5	663.8	663.3	662.8	662.5	662.1	661.9
7.5	661.6	660.4	659.4	658.5	657.7	657.1	656.6	656.3	656.0	655.8
10.0	655.0	653.4	652.1	651.0	650.2	649.6	649.2	648.9	648.8	648.9
12.5	646.4	644.5	643.0	641.9	641.0	640.5	640.4	640.5	640.8	641.3
15.0	636.3	634.1	632.4	631.2	630.5	630.2	630.4	631.0	631.8	632.8
17.5	624.7	622.0	620.0	618.8	618.3	618.5	619.4	620.5	621.9	623.7
20.0	611.6	608.1	605.6	604.2	603.8	604.4	606.0	608.4	611.2	613.8
22.5	597.2	592.1	588.5	586.7	586.8	588.2	590.6	594.0	598.1	595.7
25.0	581.4	574.4	569.0	565.6	564.6	566.4	571.4	577.5	575.6	573.2
27.5	564.6	556.2	549.5	544.9	542.4	542.5	546.3	550.7	553.0	551.5
30.0	546.6	537.5	530.2	524.7	521.2	520.1	521.9	524.9	529.4	531.1
32.5	527.5	518.1	510.9	505.5	501.9	499.9	500.3	503.2	507.1	511.3
35.0	507.4	498.1	490.9	485.8	482.5	481.2	481.5	483.5	487.6	492.1
37.5	486.5	477.5	471.0	466.4	463.7	462.1	463.0	465.6	469.5	474.4
40.0	464.6	456.2	450.8	447.4	444.8	443.0	444.2	447.7	452.4	455.5
42.5	442.1	434.2	429.5	427.4	425.1	423.6	425.0	429.4	433.8	431.4
45.0	418.8	411.3	407.5	406.7	403.6	403.1	405.4	410.6	409.5	408.1
47.5	394.8	388.0	385.2	384.5	381.2	381.6	385.0	386.2	385.7	384.9
50.0	370.1	364.2	362.8	361.3	358.2	359.3	362.4	361.9	362.1	362.2
52.5	344.7	339.7	339.8	337.1	335.0	336.8	336.8	337.7	339.0	340.0
55.0	318.8	314.6	316.3	312.1	310.8	312.3	311.6	314.0	316.2	317.6
57.5	292.3	288.3	291.4	286.2	286.3	286.0	286.5	289.1	293.2	291.4
60.0	265.6	261.6	262.2	259.4	260.5	260.0	261.8	265.3	266.2	265.1
62.5	238.4	235.2	234.7	232.7	233.3	234.4	237.5	237.9	238.4	238.9
65.0	210.9	208.5	207.0	206.7	206.8	209.3	210.8	210.6	211.2	212.6
67.5	183.6	181.8	179.5	179.8	180.9	184.2	183.1	183.4	185.0	186.8
70.0	156.3	155.5	152.1	153.2	156.2	156.3	156.0	156.7	159.2	160.2
72.5	128.7	129.3	126.0	127.8	130.2	129.4	129.8	130.9	132.9	133.9
75.0	102.6	102.5	101.1	104.3	103.6	103.5	104.6	105.8	107.3	108.0
77.5	77.76	77.29	77.64	79.26	78.61	79.37	80.59	81.43	82.17	82.54
80.0	54.36	54.32	56.56	55.37	55.76	56.92	57.52	57.71	57.63	60.30
82.5	33.07	33.96	34.63	34.42	35.32	35.57	35.78	39.46	42.60	45.37
85.0	14.60	17.14	16.15	16.59	17.15	21.00	24.11	26.65	28.81	30.68
87.5	1.729	3.343	3.065	6.605	9.261	11.27	12.87	14.15	15.24	16.16
90.0	0.3361	1.942	1.942	1.942	1.891	1.872	1.858	1.816	1.783	1.727
92.5	0.2941	1.807	1.852	1.846	1.821	1.805	1.786	1.752	1.722	1.672
95.0	0.2939	1.757	1.740	1.754	1.749	1.736	1.714	1.688	1.660	1.617
97.5	0.2754	1.543	1.694	1.669	1.680	1.672	1.639	1.624	1.598	1.560
100.0	0.2848	1.287	1.644	1.631	1.617	1.625	1.612	1.584	1.540	1.502
102.5	0.3246	1.050	1.509	1.604	1.585	1.577	1.589	1.568	1.535	1.492
105.0	0.3783	0.8747	1.404	1.571	1.569	1.556	1.567	1.557	1.535	1.503
107.5	0.4368	0.7464	1.305	1.486	1.548	1.549	1.560	1.551	1.540	1.516
110.0	0.4951	0.6939	1.162	1.423	1.514	1.547	1.564	1.554	1.549	1.529
112.5	0.5698	0.6873	1.048	1.371	1.468	1.569	1.568	1.561	1.558	1.542
115.0	0.6445	0.7152	0.9654	1.319	1.432	1.536	1.574	1.567	1.572	1.560
117.5	0.7169	0.7612	0.9391	1.243	1.402	1.491	1.561	1.576	1.594	1.578
120.0	0.7985	0.8375	0.9467	1.197	1.368	1.446	1.518	1.592	1.619	1.598
122.5	0.8685	0.9101	0.9734	1.181	1.321	1.408	1.478	1.564	1.641	1.621
125.0	0.9339	0.9776	1.032	1.164	1.290	1.375	1.451	1.547	1.615	1.629
127.5	0.9945	1.027	1.083	1.173	1.281	1.351	1.433	1.528	1.605	1.598
130.0	1.065	1.088	1.119	1.202	1.280	1.350	1.428	1.519	1.603	1.588
132.5	1.116	1.144	1.180	1.241	1.317	1.390	1.446	1.551	1.590	1.601
135.0	1.172	1.204	1.246	1.318	1.373	1.430	1.511	1.567	1.597	1.630
137.5	1.221	1.261	1.310	1.372	1.428	1.497	1.547	1.587	1.640	1.675
140.0	1.279	1.319	1.367	1.434	1.487	1.539	1.576	1.615	1.684	1.756
142.5	1.328	1.371	1.417	1.472	1.551	1.571	1.605	1.660	1.717	1.820
145.0	1.377	1.420	1.465	1.512	1.563	1.605	1.649	1.686	1.755	1.856
147.5	1.417	1.454	1.496	1.542	1.594	1.642	1.665	1.711	1.794	1.877
150.0	1.457	1.492	1.530	1.569	1.606	1.636	1.687	1.748	1.828	1.877
152.5	1.494	1.522	1.553	1.587	1.628	1.679	1.726	1.790	1.832	1.866
155.0	1.550	1.575	1.602	1.629	1.674	1.721	1.758	1.800	1.826	1.851
157.5	1.592	1.618	1.646	1.675	1.705	1.739	1.766	1.786	1.814	1.844
160.0	1.625	1.646	1.667	1.688	1.708	1.729	1.754	1.781	1.809	1.845
162.5	1.622	1.642	1.663	1.685	1.707	1.730	1.755	1.783	1.807	1.830
165.0	1.639	1.656	1.675	1.695	1.716	1.736	1.755	1.776	1.794	1.812
167.5	1.650	1.666	1.682	1.699	1.715	1.730	1.745	1.760	1.772	1.782
170.0	1.648	1.661	1.674	1.687	1.699	1.710	1.722	1.733	1.744	1.754
172.5	1.643	1.653	1.664	1.674	1.683	1.693	1.702	1.710	1.719	1.726
175.0	1.643	1.650	1.657	1.664	1.670	1.677	1.683	1.689	1.694	1.698
177.5	1.643	1.647	1.650	1.653	1.656	1.659	1.662	1.665	1.668	1.670
180.0	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	666.9	666.8	666.7	666.6	666.6	666.5	666.5	666.6	666.6	666.7
5.0	661.7	661.5	661.4	661.4	661.4	661.4	661.5	661.5	661.7	661.8
7.5	655.7	655.7	655.8	655.9	656.0	656.2	656.3	656.5	656.7	656.9
10.0	649.2	649.5	649.8	650.1	650.5	650.8	651.2	651.5	651.8	652.0
12.5	641.9	642.6	643.4	644.1	644.8	645.4	646.0	646.4	646.8	647.0
15.0	634.0	635.3	636.6	637.8	638.9	639.9	640.8	641.4	641.9	642.1
17.5	625.5	627.5	627.8	625.0	623.2	622.5	623.8	626.2	627.1	627.7
20.0	613.2	610.0	607.4	603.5	601.2	601.0	604.2	610.5	612.4	613.2
22.5	592.3	589.3	586.9	584.2	578.9	579.1	583.2	594.4	597.7	598.7
25.0	570.9	568.3	566.2	564.5	558.1	556.7	561.5	577.3	582.9	584.2
27.5	549.3	547.2	545.2	543.9	540.8	533.9	539.4	559.0	568.2	569.7
30.0	528.6	526.3	524.3	523.3	522.2	511.4	516.6	539.9	553.5	555.2
32.5	509.9	506.2	503.7	502.5	502.1	490.8	495.7	516.4	533.0	535.3
35.0	493.5	487.8	483.7	482.5	482.2	474.7	475.1	493.3	512.5	515.2
37.5	476.7	468.7	463.5	462.5	463.5	457.2	454.6	470.9	492.0	495.1
40.0	452.9	448.8	443.1	442.3	443.8	437.7	434.6	449.1	471.5	475.0
42.5	429.3	427.1	422.6	422.0	424.0	418.2	414.9	427.7	451.0	454.9
45.0	406.1	404.2	401.6	401.5	404.1	399.8	395.4	406.7	430.5	434.8
47.5	383.4	381.3	379.9	380.7	382.9	379.4	373.2	381.8	405.8	409.9
50.0	361.2	359.1	357.3	357.6	358.8	356.7	350.3	356.4	381.2	384.7
52.5	339.5	336.0	334.1	334.3	335.2	333.3	327.5	330.7	356.5	359.6
55.0	314.9	312.3	310.8	311.3	312.0	309.1	304.8	305.3	331.9	334.4
57.5	289.9	288.3	287.5	288.4	289.1	284.9	282.1	280.2	307.3	309.1
60.0	264.8	264.3	264.3	265.5	266.3	261.0	259.4	255.2	282.6	283.9
62.5	239.6	240.1	241.0	242.6	242.1	236.6	234.4	229.3	255.2	256.5
65.0	214.4	215.6	215.5	215.9	215.7	211.6	209.0	203.4	227.7	228.9
67.5	188.1	188.7	188.8	189.3	189.4	186.5	183.7	177.7	200.2	201.4
70.0	161.2	162.0	162.3	162.8	163.1	161.2	158.4	152.1	172.7	173.9
72.5	134.7	135.5	135.8	136.4	136.7	135.7	133.3	126.5	145.3	146.4
75.0	108.6	109.2	109.5	110.1	110.4	110.1	108.2	101.1	117.8	118.8
77.5	82.82	83.03	85.39	87.85	89.70	90.71	89.79	84.23	98.31	99.04
80.0	63.44	66.10	68.42	70.44	71.96	72.80	72.06	67.58	78.82	79.42
82.5	47.78	49.81	51.58	53.12	54.27	54.91	54.33	50.94	59.33	59.79
85.0	32.32	33.65	34.83	35.85	36.61	37.02	36.61	34.29	39.84	40.17
87.5	16.99	17.59	18.14	18.63	18.98	19.15	18.89	17.64	20.35	20.54
90.0	1.722	1.564	1.489	1.428	1.363	1.275	1.176	0.9895	0.8636	0.9058
92.5	1.660	1.525	1.452	1.400	1.348	1.274	1.185	1.024	0.9119	0.9409
95.0	1.594	1.486	1.416	1.371	1.333	1.273	1.194	1.058	0.9602	0.9758
97.5	1.530	1.446	1.380	1.343	1.317	1.272	1.202	1.092	1.008	1.011
100.0	1.469	1.405	1.344	1.314	1.302	1.271	1.211	1.126	1.057	1.046
102.5	1.438	1.366	1.309	1.287	1.288	1.270	1.220	1.161	1.105	1.081
105.0	1.452	1.392	1.338	1.302	1.296	1.275	1.232	1.196	1.153	1.118
107.5	1.469	1.423	1.380	1.352	1.346	1.302	1.269	1.255	1.209	1.180
110.0	1.491	1.462	1.425	1.402	1.396	1.327	1.309	1.313	1.265	1.241
112.5	1.513	1.507	1.476	1.453	1.444	1.348	1.351	1.371	1.321	1.303
115.0	1.536	1.553	1.527	1.505	1.492	1.367	1.396	1.429	1.377	1.364
117.5	1.552	1.559	1.555	1.557	1.536	1.383	1.444	1.487	1.433	1.426
120.0	1.563	1.552	1.544	1.553	1.563	1.418	1.498	1.544	1.489	1.487
122.5	1.571	1.532	1.533	1.555	1.581	1.499	1.568	1.600	1.551	1.542
125.0	1.572	1.517	1.520	1.562	1.602	1.581	1.635	1.655	1.612	1.597
127.5	1.558	1.506	1.511	1.580	1.642	1.663	1.699	1.711	1.674	1.653
130.0	1.555	1.513	1.510	1.611	1.707	1.743	1.760	1.766	1.735	1.709
132.5	1.577	1.574	1.577	1.653	1.772	1.821	1.821	1.822	1.797	1.766
135.0	1.634	1.651	1.672	1.741	1.826	1.885	1.877	1.878	1.858	1.821
137.5	1.715	1.735	1.754	1.815	1.904	1.923	1.909	1.903	1.885	1.841
140.0	1.812	1.830	1.838	1.881	1.960	1.953	1.937	1.928	1.912	1.861
142.5	1.914	1.912	1.911	1.953	1.999	1.984	1.961	1.952	1.940	1.880
145.0	1.937	1.976	1.977	2.027	2.034	2.021	1.986	1.977	1.967	1.900
147.5	1.925	1.956	2.002	2.081	2.067	2.058	2.010	2.002	1.994	1.921
150.0	1.999	1.944	2.003	2.048	2.057	2.060	2.027	2.025	2.021	1.941
152.5	1.895	1.933	1.994	2.015	2.025	2.019	2.000	1.999	1.993	1.925
155.0	1.885	1.939	1.966	1.984	1.994	1.979	1.975	1.974	1.965	1.907
157.5	1.886	1.916	1.938	1.952	1.959	1.948	1.950	1.948	1.937	1.890
160.0	1.869	1.893	1.913	1.921	1.923	1.922	1.923	1.920	1.909	1.873
162.5	1.851	1.873	1.880	1.889	1.893	1.898	1.895	1.892	1.881	1.854
165.0	1.826	1.836	1.847	1.856	1.863	1.872	1.869	1.861	1.853	1.835
167.5	1.793	1.803	1.812	1.820	1.829	1.829	1.831	1.823	1.818	1.805
170.0	1.763	1.771	1.778	1.787	1.789	1.791	1.791	1.786	1.783	1.775
172.5	1.733	1.740	1.745	1.748	1.751	1.753	1.751	1.749	1.748	1.743
175.0	1.702	1.706	1.709	1.712	1.714	1.714	1.714	1.714	1.713	1.711
177.5	1.672	1.673	1.675	1.676	1.677	1.678	1.678	1.678	1.678	1.678
180.0	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	666.8	666.9	667.1	667.2	667.4	667.6	667.9	668.2	668.5	668.8
5.0	661.9	662.1	662.4	662.6	662.9	663.2	663.5	663.9	664.4	664.9
7.5	657.1	657.3	657.4	657.7	657.9	658.2	658.5	658.8	659.2	659.7
10.0	652.1	652.3	652.4	652.5	652.6	652.6	652.7	652.9	653.1	653.4
12.5	647.1	647.2	647.1	647.0	646.7	646.5	646.2	646.0	645.9	646.0
15.0	642.1	642.0	641.7	641.1	640.5	639.7	639.0	638.4	637.9	637.7
17.5	628.5	629.5	630.5	631.6	632.9	632.7	631.3	630.1	629.0	628.1
20.0	614.1	615.1	616.0	617.1	618.3	619.5	621.1	621.1	619.3	617.8
22.5	599.7	600.6	601.6	602.6	603.5	604.3	605.4	607.0	608.8	606.7
25.0	585.3	586.3	587.2	588.0	588.4	588.8	589.5	590.6	592.4	594.7
27.5	571.0	571.9	572.9	573.2	573.0	573.0	573.2	573.9	575.1	577.0
30.0	556.7	557.7	558.7	558.3	557.6	557.0	556.7	556.7	557.3	558.6
32.5	537.3	539.5	541.8	543.3	542.1	540.9	539.9	539.3	539.1	539.7
35.0	517.1	519.0	520.6	521.8	523.2	524.7	523.0	521.5	520.7	520.5
37.5	496.7	498.3	499.4	500.2	501.2	502.8	504.8	503.8	501.9	499.9
40.0	476.3	477.5	478.1	478.6	479.3	480.3	481.7	483.9	482.0	477.5
42.5	455.9	456.7	456.8	457.0	457.3	457.8	458.4	459.4	458.6	453.8
45.0	435.4	435.7	435.6	435.5	435.3	435.2	434.6	433.5	431.2	428.1
47.5	411.0	411.9	413.0	414.0	413.4	412.5	410.2	407.3	402.3	398.0
50.0	385.6	386.1	387.2	388.5	389.8	389.3	385.5	381.0	371.6	367.4
52.5	360.1	360.4	361.4	362.4	363.4	363.0	361.0	353.6	339.8	335.8
55.0	334.5	334.7	335.6	336.4	337.1	335.5	331.2	323.0	307.3	301.5
57.5	308.8	309.1	309.8	310.4	310.9	307.4	299.8	287.5	273.7	265.9
60.0	283.1	283.5	284.1	284.6	284.9	278.5	267.8	253.8	241.2	231.3
62.5	255.9	256.8	257.8	258.8	259.0	248.8	235.4	222.1	210.8	201.7
65.0	228.6	229.6	230.6	231.6	231.7	218.6	203.8	192.2	182.4	174.3
67.5	201.4	202.4	203.4	204.5	203.1	189.4	175.2	164.0	155.9	148.8
70.0	174.2	175.2	176.2	177.5	174.5	161.4	149.3	139.1	130.9	125.0
72.5	147.1	148.1	149.1	150.6	145.9	134.3	124.4	115.3	108.0	102.8
75.0	119.9	121.0	122.1	123.7	117.6	108.2	100.3	92.39	86.01	82.36
77.5	99.54	99.77	99.77	99.97	91.78	82.77	76.88	70.08	65.00	62.93
80.0	79.82	79.98	79.97	80.03	73.06	65.53	58.81	50.70	44.77	44.45
82.5	60.11	60.19	60.18	60.17	54.69	49.04	43.89	37.69	32.90	30.32
85.0	40.39	40.41	40.42	40.38	36.60	32.84	29.36	25.16	22.10	20.35
87.5	20.68	20.64	20.66	20.63	18.70	16.83	15.08	12.98	11.50	10.61
90.0	0.9616	0.8684	0.9057	0.8964	0.8917	0.9103	0.9244	0.9617	0.9944	0.9944
92.5	0.9877	0.9111	0.9435	0.9376	0.9375	0.9554	0.9702	1.013	1.063	1.095
95.0	1.014	0.9539	0.9811	0.9787	0.9833	1.000	1.016	1.063	1.132	1.193
97.5	1.040	0.9966	1.019	1.020	1.029	1.045	1.062	1.111	1.201	1.285
100.0	1.066	1.039	1.057	1.061	1.073	1.090	1.106	1.158	1.270	1.369
102.5	1.092	1.082	1.095	1.102	1.116	1.137	1.154	1.204	1.315	1.445
105.0	1.121	1.127	1.140	1.150	1.163	1.186	1.206	1.248	1.360	1.507
107.5	1.176	1.182	1.197	1.205	1.214	1.234	1.256	1.300	1.407	1.564
110.0	1.232	1.237	1.252	1.260	1.270	1.283	1.306	1.352	1.445	1.532
112.5	1.289	1.292	1.308	1.314	1.329	1.330	1.355	1.398	1.423	1.460
115.0	1.347	1.347	1.362	1.370	1.389	1.376	1.388	1.388	1.393	1.399
117.5	1.405	1.402	1.416	1.426	1.436	1.406	1.405	1.386	1.371	1.360
120.0	1.465	1.456	1.465	1.470	1.472	1.438	1.429	1.399	1.363	1.332
122.5	1.521	1.507	1.512	1.513	1.513	1.474	1.457	1.423	1.372	1.285
125.0	1.577	1.558	1.560	1.558	1.556	1.527	1.493	1.454	1.355	1.259
127.5	1.632	1.609	1.607	1.605	1.603	1.566	1.531	1.458	1.362	1.248
130.0	1.688	1.662	1.654	1.654	1.650	1.608	1.536	1.465	1.373	1.255
132.5	1.744	1.715	1.702	1.695	1.667	1.635	1.548	1.472	1.387	1.283
135.0	1.795	1.755	1.727	1.710	1.676	1.650	1.568	1.498	1.416	1.314
137.5	1.815	1.775	1.754	1.730	1.694	1.658	1.607	1.511	1.432	1.364
140.0	1.836	1.800	1.775	1.752	1.707	1.669	1.647	1.550	1.476	1.400
142.5	1.858	1.824	1.793	1.764	1.729	1.697	1.653	1.605	1.503	1.451
145.0	1.881	1.845	1.822	1.777	1.764	1.712	1.663	1.629	1.555	1.480
147.5	1.904	1.866	1.849	1.804	1.781	1.722	1.686	1.633	1.597	1.532
150.0	1.921	1.882	1.850	1.808	1.770	1.742	1.688	1.655	1.612	1.573
152.5	1.906	1.875	1.841	1.815	1.769	1.747	1.710	1.664	1.637	1.602
155.0	1.892	1.868	1.835	1.811	1.777	1.743	1.723	1.690	1.650	1.626
157.5	1.877	1.857	1.830	1.804	1.783	1.750	1.724	1.703	1.679	1.638
160.0	1.861	1.844	1.824	1.802	1.781	1.758	1.732	1.707	1.682	1.651
162.5	1.845	1.833	1.818	1.798	1.778	1.759	1.733	1.708	1.681	1.661
165.0	1.825	1.820	1.801	1.787	1.768	1.748	1.727	1.708	1.687	1.665
167.5	1.793	1.792	1.781	1.767	1.755	1.738	1.725	1.704	1.687	1.671
170.0	1.764	1.761	1.757	1.748	1.737	1.728	1.715	1.701	1.690	1.677
172.5	1.737	1.729	1.728	1.725	1.718	1.711	1.703	1.695	1.688	1.679
175.0	1.708	1.704	1.699	1.695	1.693	1.691	1.686	1.681	1.676	1.670
177.5	1.677	1.676	1.674	1.673	1.670	1.667	1.665	1.662	1.659	1.656
180.0	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643	1.643

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	669.1	669.5	669.8	670.2	670.6	671.0	671.5	671.0	670.6	670.2
5.0	665.4	666.0	666.6	667.3	668.1	668.9	669.7	668.9	668.1	667.3
7.5	660.3	661.0	661.8	662.7	663.7	664.8	666.1	664.8	663.7	662.7
10.0	653.9	654.6	655.4	656.4	657.6	659.1	660.7	659.1	657.7	656.4
12.5	646.3	646.8	647.6	648.7	650.0	651.7	653.7	651.7	650.1	648.8
15.0	637.6	637.8	638.4	639.3	640.8	642.6	645.0	642.7	640.8	639.4
17.5	627.6	627.5	627.8	628.6	630.1	632.1	634.7	632.1	630.1	628.7
20.0	616.7	616.1	616.1	616.7	618.1	620.2	623.1	620.2	618.1	616.8
22.5	604.8	603.6	603.2	603.5	604.7	606.9	610.0	606.9	604.7	603.5
25.0	592.1	590.2	589.2	589.1	590.1	592.3	595.7	592.3	590.2	589.2
27.5	578.5	575.8	574.1	573.5	574.2	576.4	580.0	576.4	574.3	573.5
30.0	560.9	560.4	558.1	557.0	557.4	559.4	563.2	559.4	557.4	557.0
32.5	541.4	544.3	541.2	539.4	539.5	541.4	545.3	541.4	539.5	539.5
35.0	521.0	523.3	523.4	521.0	520.5	522.3	526.4	522.3	520.6	521.0
37.5	499.0	500.8	505.0	501.8	500.8	502.2	506.4	502.2	500.8	501.9
40.0	475.6	476.8	482.5	481.9	480.2	481.4	485.7	481.5	480.3	481.9
42.5	450.3	451.9	458.0	461.3	458.8	459.7	463.9	459.7	458.8	461.3
45.0	424.8	427.4	432.6	440.0	436.8	437.2	441.5	437.2	436.8	440.0
47.5	400.7	401.7	404.6	414.8	414.1	413.9	418.1	413.9	414.0	416.5
50.0	373.3	371.0	372.8	385.3	390.7	390.1	394.3	390.1	390.7	391.5
52.5	337.1	335.7	337.9	353.1	366.7	365.4	369.6	365.6	366.8	366.4
55.0	298.9	296.8	300.0	318.0	340.9	338.2	344.3	340.4	342.5	340.7
57.5	261.9	258.6	260.6	279.9	304.6	305.4	318.7	314.8	317.3	315.0
60.0	227.3	223.6	222.6	238.3	258.0	269.0	292.5	288.8	290.0	288.2
62.5	195.4	192.3	190.8	198.9	215.3	233.5	264.0	261.7	262.7	262.2
65.0	167.8	163.7	161.8	164.1	177.3	198.0	237.2	235.4	235.4	236.7
67.5	142.9	137.2	135.6	135.7	143.9	162.5	210.3	209.2	208.2	209.4
70.0	119.9	114.6	111.9	111.3	114.8	127.4	183.2	182.5	181.6	181.4
72.5	98.45	93.31	90.73	88.74	89.74	93.94	155.1	154.7	154.9	152.6
75.0	78.63	73.46	71.14	68.08	67.17	66.67	124.1	122.1	123.6	123.6
77.5	60.25	55.79	53.66	51.32	49.83	47.84	83.05	83.29	93.78	93.86
80.0	43.29	40.84	39.15	38.25	36.69	35.57	33.96	68.77	68.02	67.66
82.5	27.79	27.12	26.85	27.74	27.88	25.30	22.43	45.67	44.98	44.77
85.0	18.61	16.88	16.02	17.38	18.86	18.36	12.43	25.16	25.37	24.59
87.5	9.724	8.846	8.503	8.562	8.053	8.402	4.467	9.185	8.690	10.42
90.0	0.9944	0.9944	1.041	0.9427	0.7885	0.5879	1.173	0.1541	0.2099	0.2241
92.5	1.136	1.191	1.249	1.199	1.105	0.9563	0.1260	0.1625	0.1677	0.2016
95.0	1.275	1.384	1.465	1.442	1.416	1.260	0.1399	0.1826	0.1648	0.1908
97.5	1.412	1.540	1.619	1.659	1.629	0.8629	0.1563	0.2088	0.2023	0.2131
100.0	1.517	1.631	1.750	1.773	1.731	0.6276	0.2145	0.2343	0.2631	0.2518
102.5	1.601	1.748	1.799	1.794	1.355	0.5149	0.2356	0.2820	0.2914	0.3042
105.0	1.673	1.772	1.756	1.736	1.035	0.4370	0.2847	0.3427	0.3177	0.3671
107.5	1.661	1.691	1.705	1.453	0.8298	0.3958	0.3499	0.4027	0.3764	0.4049
110.0	1.584	1.615	1.557	1.179	0.7605	0.4301	0.3920	0.4594	0.4397	0.4469
112.5	1.489	1.518	1.340	0.9871	0.7052	0.4862	0.4550	0.5083	0.4995	0.4999
115.0	1.433	1.380	1.170	0.8656	0.6859	0.5392	0.5322	0.5593	0.5725	0.5632
117.5	1.333	1.215	1.026	0.8428	0.6871	0.5957	0.6066	0.6238	0.6400	0.6272
120.0	1.238	1.121	0.9161	0.8278	0.7139	0.6610	0.6578	0.6800	0.7055	0.6933
122.5	1.177	1.059	0.8982	0.8334	0.7421	0.7221	0.7139	0.7412	0.7736	0.7537
125.0	1.158	0.9948	0.9380	0.8647	0.8012	0.7789	0.7608	0.7949	0.8313	0.8241
127.5	1.125	1.045	0.9534	0.9094	0.8655	0.8394	0.8263	0.8459	0.8865	0.8829
130.0	1.131	1.053	1.017	0.9499	0.9159	0.8999	0.9057	0.9114	0.9286	0.9478
132.5	1.181	1.108	1.051	1.011	0.9772	0.9688	0.9614	0.9679	0.9888	1.018
135.0	1.241	1.171	1.113	1.071	1.035	1.020	1.013	1.026	1.045	1.076
137.5	1.293	1.232	1.174	1.138	1.099	1.075	1.062	1.074	1.096	1.121
140.0	1.343	1.289	1.239	1.193	1.156	1.132	1.111	1.123	1.140	1.164
142.5	1.385	1.338	1.299	1.250	1.215	1.191	1.181	1.184	1.193	1.209
145.0	1.436	1.387	1.338	1.305	1.272	1.236	1.214	1.222	1.238	1.254
147.5	1.475	1.431	1.391	1.348	1.313	1.287	1.265	1.270	1.279	1.298
150.0	1.523	1.480	1.428	1.391	1.365	1.344	1.358	1.351	1.345	1.345
152.5	1.559	1.516	1.480	1.443	1.405	1.377	1.358	1.361	1.366	1.381
155.0	1.589	1.547	1.509	1.480	1.455	1.433	1.414	1.413	1.414	1.418
157.5	1.603	1.575	1.545	1.511	1.480	1.454	1.445	1.446	1.450	1.458
160.0	1.624	1.591	1.563	1.540	1.519	1.499	1.489	1.488	1.488	1.489
162.5	1.638	1.609	1.585	1.565	1.543	1.522	1.508	1.508	1.510	1.514
165.0	1.641	1.625	1.609	1.592	1.575	1.560	1.559	1.557	1.555	1.554
167.5	1.655	1.639	1.622	1.605	1.589	1.575	1.564	1.564	1.566	1.568
170.0	1.662	1.648	1.635	1.622	1.610	1.598	1.592	1.592	1.594	1.596
172.5	1.669	1.659	1.649	1.640	1.631	1.623	1.631	1.630	1.629	1.628
175.0	1.665	1.660	1.655	1.649	1.644	1.639	1.639	1.637	1.636	1.635
177.5	1.654	1.652	1.649	1.647	1.644	1.641	1.641	1.640	1.640	1.639
180.0	1.643	1.643	1.643	1.643	1.643	1.643	1.648	1.648	1.648	1.648

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

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

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	669.9	669.5	669.2	668.8	668.5	668.2	667.9	667.7	667.5	667.3
5.0	666.6	666.0	665.4	664.9	664.4	664.0	663.6	663.3	663.0	662.7
7.5	661.9	661.1	660.4	659.8	659.3	658.9	658.6	658.3	658.1	657.8
10.0	655.4	654.7	654.0	653.5	653.2	653.0	652.8	652.7	652.7	652.7
12.5	647.7	646.9	646.4	646.1	646.0	646.1	646.4	646.7	646.9	647.2
15.0	638.4	637.9	637.7	637.8	638.1	638.6	639.2	639.9	640.7	641.4
17.5	627.9	627.6	627.7	628.3	629.2	630.3	631.6	632.8	633.1	632.0
20.0	616.2	616.2	616.8	618.0	619.5	621.3	621.3	619.8	618.5	617.5
22.5	603.3	603.8	605.0	606.9	609.1	607.3	605.7	604.5	603.7	602.9
25.0	589.2	590.3	592.2	594.9	592.6	590.8	589.7	589.0	588.5	588.2
27.5	574.1	575.9	578.6	577.1	575.2	574.1	573.4	573.2	573.2	573.4
30.0	558.2	560.6	561.0	558.7	557.4	556.8	556.9	557.2	557.7	558.4
32.5	541.3	544.4	541.5	539.9	539.2	539.4	540.1	541.1	542.2	543.4
35.0	523.5	523.8	521.6	520.6	520.8	521.6	523.1	525.0	523.4	522.0
37.5	505.1	502.6	501.2	501.1	502.1	503.9	505.0	503.0	501.6	500.6
40.0	483.7	481.0	480.4	481.2	483.2	484.2	482.1	480.7	479.8	479.2
42.5	460.9	459.1	459.4	461.2	462.9	460.6	459.2	458.4	457.9	457.8
45.0	437.5	436.8	438.1	441.1	438.6	437.0	436.3	436.0	436.1	436.4
47.5	413.9	414.1	416.8	416.2	414.3	413.5	413.4	413.8	414.3	415.0
50.0	389.9	391.4	393.5	391.0	389.9	389.9	390.6	391.6	391.0	389.7
52.5	365.7	368.5	367.3	365.8	365.8	366.6	367.9	366.2	364.9	363.8
55.0	341.6	343.5	341.1	340.7	341.7	342.8	341.2	339.8	338.8	338.0
57.5	317.2	316.5	315.3	315.8	317.4	315.5	314.3	313.5	312.9	312.3
60.0	292.1	289.4	289.4	291.2	289.6	288.4	287.7	287.3	287.0	286.7
62.5	262.9	262.7	264.1	263.4	262.1	261.6	261.3	261.3	261.3	261.1
65.0	235.2	236.5	236.8	235.6	235.0	235.0	235.2	235.3	234.6	233.9
67.5	208.4	210.3	208.8	208.4	208.5	208.8	208.5	208.1	207.5	206.8
70.0	182.5	181.8	181.6	181.8	181.9	181.4	181.4	181.0	180.5	179.9
72.5	154.5	153.3	155.1	154.7	153.6	153.9	154.6	154.1	153.6	153.0
75.0	124.5	125.2	127.4	125.6	125.5	126.5	127.9	127.5	126.9	126.1
77.5	95.47	96.75	97.94	96.47	97.70	99.21	101.4	101.0	101.6	102.3
80.0	68.89	69.67	69.54	67.67	70.25	74.36	78.99	80.44	81.22	81.78
82.5	44.97	44.28	42.80	45.40	51.62	55.37	59.03	60.27	60.90	61.35
85.0	23.86	26.22	28.29	30.01	34.24	36.76	39.28	40.19	40.64	40.95
87.5	11.86	13.07	14.14	14.99	17.14	18.40	19.69	20.17	20.42	20.58
90.0	0.2613	0.1827	0.1774	0.1774	0.1774	0.1774	0.1774	0.1774	0.2147	0.2148
92.5	0.2351	0.1939	0.1962	0.1978	0.2027	0.2008	0.2059	0.2079	0.2400	0.2422
95.0	0.2070	0.2062	0.2156	0.2188	0.2274	0.2255	0.2346	0.2385	0.2656	0.2698
97.5	0.2197	0.2269	0.2363	0.2406	0.2509	0.2528	0.2637	0.2689	0.2914	0.2977
100.0	0.2438	0.2571	0.2806	0.2746	0.2746	0.2840	0.2934	0.2989	0.3174	0.3258
102.5	0.2953	0.2888	0.3268	0.3124	0.3166	0.3283	0.3308	0.3293	0.3436	0.3544
105.0	0.3618	0.3363	0.3697	0.3523	0.3599	0.3780	0.3812	0.3820	0.3904	0.3977
107.5	0.4260	0.4095	0.4167	0.4009	0.4063	0.4307	0.4321	0.4342	0.4437	0.4529
110.0	0.4823	0.4928	0.4744	0.4646	0.4557	0.4808	0.4864	0.4872	0.4978	0.5074
112.5	0.5301	0.5563	0.5393	0.5360	0.5275	0.5272	0.5494	0.5385	0.5605	0.5609
115.0	0.5779	0.6056	0.6151	0.6031	0.6083	0.5954	0.6158	0.5962	0.6287	0.6132
117.5	0.6373	0.6600	0.6774	0.6751	0.6762	0.6650	0.6775	0.6665	0.6910	0.6651
120.0	0.6855	0.7072	0.7309	0.7538	0.7449	0.7400	0.7401	0.7363	0.7518	0.7355
122.5	0.7605	0.7616	0.7790	0.7970	0.8134	0.8122	0.8064	0.8029	0.8102	0.8061
125.0	0.8103	0.8103	0.8401	0.8498	0.8683	0.8807	0.8738	0.8725	0.8775	0.8743
127.5	0.8718	0.9004	0.8815	0.8974	0.9285	0.9302	0.9438	0.9479	0.9452	0.9433
130.0	0.9511	0.9341	0.9432	0.9531	0.9676	0.9814	0.9943	1.008	1.016	1.014
132.5	0.9994	0.9981	0.9922	1.029	1.012	1.020	1.048	1.048	1.071	1.081
135.0	1.064	1.053	1.083	1.060	1.072	1.070	1.095	1.094	1.112	1.120
137.5	1.121	1.127	1.114	1.112	1.107	1.147	1.134	1.139	1.154	1.164
140.0	1.182	1.170	1.160	1.159	1.178	1.190	1.174	1.192	1.198	1.213
142.5	1.229	1.224	1.217	1.215	1.237	1.224	1.217	1.234	1.244	1.260
145.0	1.276	1.282	1.273	1.283	1.273	1.261	1.276	1.279	1.294	1.299
147.5	1.321	1.333	1.333	1.325	1.315	1.318	1.321	1.327	1.344	1.339
150.0	1.357	1.373	1.380	1.370	1.366	1.365	1.367	1.377	1.382	1.379
152.5	1.396	1.407	1.425	1.419	1.415	1.413	1.417	1.424	1.421	1.423
155.0	1.428	1.439	1.453	1.471	1.463	1.463	1.466	1.462	1.463	1.470
157.5	1.470	1.476	1.484	1.496	1.512	1.512	1.507	1.507	1.510	1.511
160.0	1.492	1.500	1.510	1.524	1.537	1.546	1.554	1.554	1.555	1.550
162.5	1.522	1.532	1.544	1.548	1.556	1.566	1.581	1.592	1.593	1.584
165.0	1.554	1.556	1.560	1.566	1.577	1.588	1.595	1.600	1.601	1.600
167.5	1.573	1.580	1.587	1.590	1.596	1.602	1.608	1.608	1.608	1.607
170.0	1.599	1.603	1.608	1.614	1.616	1.616	1.616	1.616	1.614	1.613
172.5	1.627	1.627	1.626	1.626	1.625	1.624	1.622	1.621	1.620	1.620
175.0	1.634	1.633	1.632	1.631	1.630	1.629	1.628	1.628	1.628	1.629
177.5	1.639	1.639	1.639	1.639	1.639	1.639	1.639	1.639	1.639	1.640
180.0	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	667.1	666.9	666.8	666.7	666.7	666.6	666.6	666.6	666.6	666.7
5.0	662.5	662.2	662.1	661.9	661.8	661.7	661.6	661.5	661.5	661.5
7.5	657.6	657.4	657.2	657.0	656.9	656.7	656.5	656.3	656.2	656.0
10.0	652.6	652.5	652.3	652.2	652.0	651.8	651.4	651.0	650.7	650.3
12.5	647.4	647.5	647.4	647.3	647.1	646.8	646.2	645.7	645.1	644.4
15.0	641.9	642.3	642.4	642.4	642.2	641.8	641.1	640.3	639.3	638.2
17.5	636.9	636.1	629.4	628.7	628.2	627.9	627.8	627.7	627.9	628.3
20.0	616.7	616.1	615.4	614.8	614.3	613.9	613.6	613.4	613.4	613.4
22.5	602.4	601.9	601.5	600.9	600.4	599.9	599.4	599.0	598.6	598.3
25.0	588.0	587.8	587.5	587.0	586.5	585.9	585.2	584.6	583.8	583.0
27.5	573.6	573.6	573.5	573.1	572.5	571.9	571.0	570.1	568.9	567.6
30.0	559.0	559.3	559.5	559.2	558.6	557.9	556.9	555.6	554.0	552.1
32.5	542.0	540.8	539.8	538.9	538.1	537.6	537.1	536.9	536.6	536.5
35.0	520.9	520.0	519.2	518.4	517.6	517.0	516.4	515.8	515.2	514.9
37.5	499.8	499.2	498.6	497.9	497.1	496.4	495.7	494.8	493.9	493.2
40.0	478.7	478.4	477.9	477.4	476.5	475.8	474.9	473.9	472.6	471.4
42.5	457.6	457.5	457.3	456.8	456.0	455.2	454.2	453.0	451.4	449.8
45.0	436.5	436.7	436.7	436.3	435.5	434.7	433.5	432.0	430.2	428.2
47.5	414.2	413.2	412.4	411.5	410.5	409.8	409.1	408.3	407.7	406.7
50.0	388.6	387.7	387.3	386.6	385.6	384.8	383.9	382.8	382.0	381.2
52.5	363.0	362.2	362.3	361.6	360.6	359.8	358.7	357.5	356.3	355.2
55.0	337.4	336.7	337.3	336.6	335.6	334.7	333.5	332.1	330.7	329.3
57.5	311.8	311.3	312.3	311.6	310.6	309.7	308.3	306.8	305.2	303.5
60.0	286.4	285.9	287.3	286.7	285.7	284.7	283.2	281.5	279.7	277.8
62.5	260.3	259.5	260.4	259.5	258.4	257.4	256.1	254.8	253.5	252.1
65.0	233.2	232.4	233.1	232.1	231.1	230.1	228.8	227.4	226.1	224.7
67.5	206.2	205.5	205.7	204.8	203.8	202.8	201.5	200.1	198.8	197.4
70.0	179.2	178.5	178.4	177.5	176.5	175.5	174.2	172.9	171.5	170.2
72.5	152.3	151.5	151.1	150.2	149.3	148.2	147.0	145.7	144.4	143.2
75.0	125.4	124.6	123.8	122.9	122.0	120.9	119.7	118.5	117.3	116.2
77.5	102.6	102.8	102.8	102.4	101.7	100.7	99.24	97.46	95.43	93.07
80.0	82.11	82.29	82.33	82.09	81.38	80.66	79.46	78.01	76.34	74.41
82.5	61.62	61.77	61.89	61.73	61.08	60.63	59.70	58.59	57.32	55.84
85.0	41.14	41.25	41.46	41.37	40.78	40.60	39.96	39.21	38.35	37.34
87.5	20.67	20.74	21.02	21.01	20.49	20.57	20.23	19.84	19.40	18.89
90.0	0.2148	0.2335	0.5830	0.6487	0.1922	0.5465	0.4995	0.4763	0.4716	0.4529
92.5	0.2430	0.2600	0.5500	0.6050	0.2247	0.5200	0.4805	0.4609	0.4567	0.4411
95.0	0.2715	0.2866	0.5171	0.5615	0.2573	0.4936	0.4616	0.4458	0.4420	0.4294
97.5	0.3005	0.3131	0.4842	0.5179	0.2898	0.4673	0.4426	0.4306	0.4272	0.4178
100.0	0.3304	0.3397	0.4512	0.4742	0.3224	0.4408	0.4237	0.4153	0.4124	0.4059
102.5	0.3614	0.3662	0.4180	0.4305	0.3549	0.4140	0.4048	0.4000	0.3974	0.3934
105.0	0.4018	0.3990	0.3927	0.3888	0.3875	0.3888	0.3930	0.4000	0.4103	0.4226
107.5	0.4577	0.4581	0.4526	0.4499	0.4489	0.4513	0.4560	0.4641	0.4759	0.4877
110.0	0.5107	0.5174	0.5124	0.5110	0.5104	0.5137	0.5190	0.5281	0.5412	0.5523
112.5	0.5645	0.5770	0.5722	0.5723	0.5719	0.5761	0.5820	0.5919	0.6063	0.6166
115.0	0.6199	0.6369	0.6320	0.6337	0.6333	0.6385	0.6449	0.6556	0.6711	0.6805
117.5	0.6759	0.6973	0.6917	0.6953	0.6948	0.7009	0.7077	0.7191	0.7357	0.7439
120.0	0.7387	0.7596	0.7520	0.7570	0.7563	0.7632	0.7700	0.7815	0.7947	0.8009
122.5	0.8075	0.8253	0.8162	0.8193	0.8177	0.8230	0.8295	0.8415	0.8525	0.8557
125.0	0.8776	0.8909	0.8804	0.8814	0.8792	0.8831	0.8890	0.9014	0.9142	0.9098
127.5	0.9478	0.9564	0.9445	0.9432	0.9407	0.9432	0.9484	0.9611	0.9771	0.9596
130.0	1.019	1.023	1.009	1.005	1.002	1.003	1.008	1.021	1.038	1.010
132.5	1.086	1.091	1.072	1.066	1.064	1.063	1.067	1.080	1.099	1.076
135.0	1.134	1.143	1.133	1.127	1.125	1.123	1.125	1.136	1.150	1.139
137.5	1.177	1.182	1.180	1.175	1.173	1.171	1.175	1.186	1.200	1.200
140.0	1.218	1.222	1.228	1.222	1.220	1.220	1.225	1.237	1.251	1.257
142.5	1.258	1.262	1.278	1.269	1.267	1.267	1.274	1.287	1.305	1.309
145.0	1.301	1.308	1.325	1.317	1.315	1.315	1.323	1.337	1.353	1.359
147.5	1.345	1.358	1.371	1.364	1.362	1.364	1.373	1.387	1.401	1.413
150.0	1.390	1.408	1.415	1.411	1.410	1.411	1.419	1.428	1.434	1.445
152.5	1.428	1.448	1.445	1.442	1.441	1.442	1.450	1.455	1.459	1.466
155.0	1.472	1.483	1.476	1.473	1.472	1.474	1.480	1.480	1.486	1.488
157.5	1.512	1.513	1.507	1.504	1.503	1.506	1.508	1.508	1.513	1.514
160.0	1.548	1.542	1.538	1.535	1.534	1.537	1.536	1.540	1.540	1.542
162.5	1.578	1.572	1.569	1.566	1.565	1.568	1.565	1.569	1.567	1.571
165.0	1.599	1.598	1.597	1.597	1.597	1.598	1.597	1.594	1.594	1.588
167.5	1.606	1.605	1.605	1.605	1.605	1.606	1.608	1.603	1.604	1.604
170.0	1.612	1.612	1.613	1.614	1.614	1.614	1.616	1.614	1.613	1.614
172.5	1.620	1.621	1.622	1.622	1.622	1.622	1.623	1.625	1.623	1.623
175.0	1.630	1.630	1.631	1.631	1.631	1.631	1.631	1.632	1.633	1.633
177.5	1.640	1.640	1.639	1.639	1.639	1.639	1.639	1.640	1.640	1.640
180.0	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648

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	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6	671.6
2.5	666.8	666.9	667.0	667.2	667.4	667.6	667.8	668.1	668.4	668.8
5.0	661.5	661.6	661.8	661.9	662.2	662.5	662.9	663.3	663.9	664.5
7.5	655.9	655.9	655.9	656.0	656.1	656.4	656.7	657.2	657.8	658.5
10.0	650.0	649.6	649.3	649.1	649.0	649.0	649.3	649.7	650.3	651.1
12.5	643.6	642.9	642.1	641.6	641.0	640.7	640.6	640.7	641.2	642.0
15.0	636.9	635.6	634.3	633.1	632.1	631.2	630.7	630.4	630.7	631.3
17.5	628.9	627.9	625.9	624.0	622.3	620.8	619.8	619.1	619.0	619.6
20.0	613.6	614.1	615.0	614.2	611.8	609.7	608.0	606.7	606.0	606.2
22.5	598.1	598.1	598.5	599.5	600.8	597.6	595.0	593.1	592.0	591.8
25.0	582.3	581.8	581.7	582.2	583.2	584.8	581.4	578.7	577.0	576.2
27.5	566.3	565.3	564.7	564.4	564.8	566.0	566.9	563.4	560.9	559.7
30.0	550.3	548.7	547.3	546.4	546.0	546.6	548.4	547.5	544.1	542.0
32.5	534.1	531.8	529.6	527.9	526.9	526.9	527.9	530.3	526.3	523.7
35.0	514.8	514.8	511.8	509.4	507.6	506.7	506.9	508.8	507.8	504.5
37.5	492.6	492.5	493.0	490.6	487.9	486.0	485.6	486.6	488.9	484.5
40.0	470.4	469.8	469.6	470.3	468.0	465.3	463.9	464.1	466.3	463.8
42.5	448.2	447.2	446.3	446.2	447.1	444.4	441.9	441.0	442.6	442.5
45.0	426.2	424.5	423.1	422.2	422.3	423.3	419.6	417.8	418.4	420.6
47.5	404.3	402.0	399.9	398.3	397.6	398.0	397.4	394.4	393.8	396.5
50.0	380.8	379.6	376.9	374.5	373.0	372.5	373.5	370.7	369.0	370.7
52.5	354.5	354.0	354.0	351.1	348.5	347.0	346.6	346.9	344.0	344.5
55.0	328.2	327.3	326.9	327.1	324.3	321.6	319.8	321.4	318.8	318.1
57.5	302.0	300.7	299.8	299.5	299.8	295.0	293.4	293.6	293.7	291.6
60.0	276.0	274.4	273.1	272.1	271.7	270.2	267.4	266.2	267.8	264.8
62.5	250.2	248.3	246.5	245.1	243.5	242.4	241.7	239.4	239.4	238.2
65.0	223.3	222.1	220.3	218.3	215.9	214.9	214.4	213.0	211.6	212.3
67.5	196.0	194.8	193.6	191.9	189.7	187.8	186.6	186.9	184.6	184.8
70.0	168.9	167.7	166.4	165.0	163.6	161.0	159.4	158.9	158.6	156.9
72.5	142.0	140.8	139.6	138.3	137.0	134.7	133.1	132.0	131.9	130.4
75.0	115.2	114.2	113.2	112.1	111.0	109.1	107.7	106.1	105.3	105.2
77.5	90.40	87.83	87.10	86.36	85.61	84.38	83.24	81.77	80.40	80.00
80.0	72.21	69.74	66.85	63.56	60.68	60.27	59.68	58.78	57.41	56.33
82.5	54.15	52.25	50.01	47.46	44.56	41.27	37.43	36.94	36.47	35.35
85.0	36.20	34.90	33.37	31.62	29.63	27.35	24.69	21.56	17.78	17.06
87.5	18.31	17.64	16.06	15.97	14.94	13.77	12.40	10.77	8.786	6.181
90.0	0.4529	0.4342	0.4248	0.4062	0.3829	0.3595	0.3408	0.3221	0.3035	0.2754
92.5	0.4350	0.4097	0.3982	0.3820	0.3520	0.3234	0.3037	0.2854	0.2676	0.2456
95.0	0.4182	0.3858	0.3716	0.3579	0.3225	0.2889	0.2678	0.2493	0.2321	0.2397
97.5	0.4035	0.3628	0.3452	0.3339	0.2945	0.2568	0.2344	0.2503	0.2663	0.2715
100.0	0.3918	0.3409	0.3195	0.3103	0.2770	0.2750	0.2892	0.3021	0.3149	0.2990
102.5	0.3841	0.3249	0.3287	0.3402	0.3507	0.3414	0.3503	0.3573	0.3563	0.3390
105.0	0.4340	0.3900	0.3997	0.4158	0.4238	0.4118	0.4191	0.4156	0.4041	0.3736
107.5	0.4949	0.4723	0.4718	0.4823	0.4916	0.4846	0.4770	0.4653	0.4479	0.4455
110.0	0.5575	0.5471	0.5425	0.5513	0.5476	0.5451	0.5312	0.5219	0.5282	0.5279
112.5	0.6195	0.6178	0.6181	0.6226	0.6143	0.6009	0.6012	0.5914	0.5824	0.6006
115.0	0.6811	0.6892	0.6841	0.6811	0.6675	0.6628	0.6479	0.6374	0.6544	0.6628
117.5	0.7414	0.7459	0.7355	0.7449	0.7273	0.7122	0.7046	0.7261	0.7329	0.7162
120.0	0.8019	0.7974	0.7960	0.7994	0.7791	0.7742	0.7852	0.7878	0.8027	0.7829
122.5	0.8680	0.8473	0.8622	0.8477	0.8615	0.8449	0.8484	0.8581	0.8655	0.8373
125.0	0.9246	0.8989	0.9203	0.9002	0.9289	0.9074	0.9188	0.9336	0.9213	0.8934
127.5	0.9768	0.9549	0.9718	0.9640	0.9785	0.9800	0.9866	0.9947	0.9726	0.9623
130.0	1.028	1.029	1.019	1.038	1.031	1.052	1.055	1.043	1.019	1.021
132.5	1.078	1.101	1.075	1.096	1.095	1.112	1.108	1.086	1.082	1.061
135.0	1.132	1.150	1.140	1.147	1.163	1.172	1.153	1.139	1.121	1.115
137.5	1.188	1.199	1.209	1.207	1.219	1.211	1.199	1.184	1.175	1.176
140.0	1.247	1.255	1.266	1.275	1.261	1.260	1.238	1.233	1.234	1.223
142.5	1.307	1.315	1.317	1.316	1.306	1.288	1.294	1.274	1.273	1.281
145.0	1.364	1.372	1.363	1.349	1.342	1.334	1.321	1.326	1.327	1.327
147.5	1.406	1.397	1.397	1.392	1.375	1.370	1.372	1.361	1.366	1.378
150.0	1.437	1.428	1.423	1.428	1.425	1.406	1.402	1.418	1.414	1.416
152.5	1.470	1.463	1.450	1.452	1.462	1.470	1.449	1.447	1.451	1.463
155.0	1.498	1.498	1.491	1.476	1.480	1.494	1.509	1.509	1.505	1.510
157.5	1.518	1.530	1.529	1.523	1.508	1.508	1.523	1.538	1.554	1.565
160.0	1.541	1.549	1.561	1.562	1.555	1.549	1.544	1.548	1.563	1.578
162.5	1.572	1.567	1.572	1.579	1.585	1.584	1.584	1.586	1.589	1.596
165.0	1.589	1.588	1.586	1.588	1.593	1.600	1.607	1.611	1.616	1.621
167.5	1.601	1.603	1.603	1.604	1.605	1.607	1.612	1.618	1.624	1.630
170.0	1.615	1.614	1.614	1.617	1.618	1.621	1.623	1.627	1.630	1.634
172.5	1.624	1.625	1.626	1.627	1.628	1.629	1.632	1.634	1.637	1.639
175.0	1.633	1.633	1.634	1.635	1.636	1.637	1.639	1.640	1.642	1.643
177.5	1.641	1.641	1.642	1.642	1.643	1.643	1.644	1.644	1.645	1.646
180.0	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648	1.648

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	671.6	671.6
2.5	669.2	669.5
5.0	665.2	665.9
7.5	659.4	660.5
10.0	652.1	653.4
12.5	643.0	644.5
15.0	632.5	634.2
17.5	620.6	622.3
20.0	607.1	608.9
22.5	592.5	594.3
25.0	576.7	578.4
27.5	559.8	561.4
30.0	541.8	543.3
32.5	522.9	524.1
35.0	503.1	504.1
37.5	482.5	483.1
40.0	461.1	461.3
42.5	439.0	438.8
45.0	416.3	415.5
47.5	392.9	391.6
50.0	369.0	367.0
52.5	344.6	341.9
55.0	320.1	316.3
57.5	294.3	289.7
60.0	265.0	262.8
62.5	237.4	236.2
65.0	209.9	209.4
67.5	182.7	182.7
70.0	155.9	156.4
72.5	129.4	130.1
75.0	103.5	103.4
77.5	78.62	78.03
80.0	56.31	54.70
82.5	34.59	33.62
85.0	16.28	15.96
87.5	2.502	2.295
90.0	0.2568	0.2335
92.5	0.2274	0.2214
95.0	0.2440	0.2199
97.5	0.2487	0.2528
100.0	0.2752	0.2907
102.5	0.3323	0.3165
105.0	0.4920	0.3631
107.5	0.4599	0.4485
110.0	0.5148	0.4824
112.5	0.5686	0.5434
115.0	0.6354	0.6114
117.5	0.6855	0.6871
120.0	0.7467	0.7624
122.5	0.8185	0.8359
125.0	0.8961	0.8967
127.5	0.9684	0.9625
130.0	1.093	1.027
132.5	1.071	1.091
135.0	1.137	1.144
137.5	1.179	1.199
140.0	1.238	1.259
142.5	1.297	1.312
145.0	1.340	1.358
147.5	1.394	1.405
150.0	1.428	1.445
152.5	1.476	1.489
155.0	1.521	1.536
157.5	1.576	1.588
160.0	1.593	1.609
162.5	1.605	1.616
165.0	1.627	1.635
167.5	1.636	1.642
170.0	1.638	1.643
172.5	1.642	1.645
175.0	1.645	1.646
177.5	1.646	1.647
180.0	1.648	1.648

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: