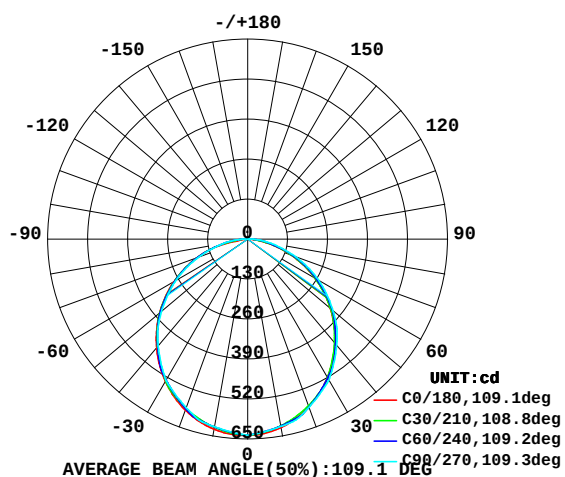


LUMINAIRE PHOTOMETRIC TEST REPORT

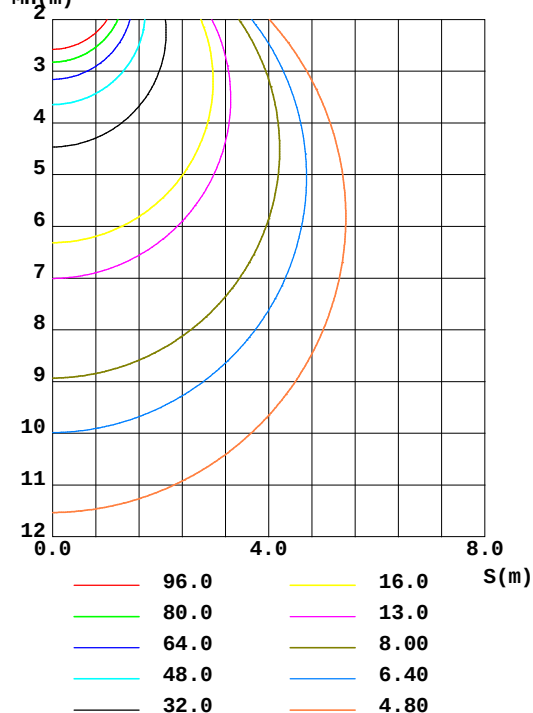
Test:U:120.3V I:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.51 lm/W			
EB1 MODEL		I _{max} (cd)	638.6	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)	1741.4	η UP, DN(C0-180)	0.3,49.0
NOMINAL FLUX(lm)	1741.36	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.5
LAMPS INSIDE	1	η up(%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



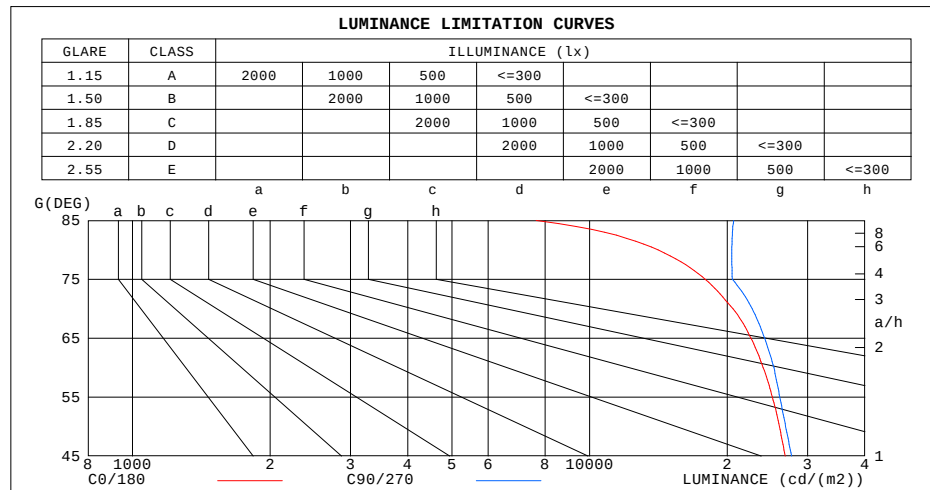
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

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	633.7	628.9	628.6	630.9	636.7	631.1	629.0	629.2	0- 5	15.15	15.15	0.87, 0.87
10	622.5	616.5	618.8	620.1	628.1	620.6	619.6	617.1	5- 10	44.71	59.86	3.44, 3.44
15	604.9	600.9	609.1	606.1	613.1	606.9	610.3	601.7	10- 15	72.67	132.5	7.61, 7.61
20	581.2	582.6	582.3	589.4	592.1	590.4	583.9	583.8	15- 20	98.03	230.6	13.2, 13.2
25	552.4	551.8	555.6	560.2	565.9	561.4	557.5	553.2	20- 25	119.5	350.0	20.1, 20.1
30	519.2	517.4	528.8	527.6	535.0	529.1	531.1	519.2	25- 30	136.8	486.9	28, 28
35	482.0	482.0	489.5	494.0	499.8	495.7	492.1	484.0	30- 35	149.5	636.3	36.5, 36.5
40	441.2	444.5	450.2	458.0	461.1	460.1	453.1	446.8	35- 40	158.7	793.0	45.5, 45.5
45	397.6	398.9	410.8	410.3	419.2	415.3	414.1	401.3	40- 45	158.7	951.7	54.7, 54.7
50	351.2	353.5	362.5	360.4	374.2	370.6	366.0	356.0	45- 50	155.4	1107	63.6, 63.6
55	302.5	308.1	314.1	305.3	327.0	325.8	318.0	310.9	50- 55	146.2	1253	72, 72
60	251.9	255.1	265.7	239.8	277.0	274.1	269.9	258.1	55- 60	131.7	1385	79.5, 79.5
65	200.1	203.4	214.3	181.5	225.1	223.5	218.6	206.6	60- 65	112.9	1498	86, 86
70	148.0	152.6	162.9	131.3	173.7	172.6	167.4	156.0	65- 70	91.33	1589	91.3, 91.3
75	97.36	103.0	111.5	87.11	117.8	120.4	116.1	106.2	70- 75	67.81	1657	95.2, 95.2
80	51.55	57.68	74.67	47.70	32.57	70.80	77.47	60.50	75- 80	44.19	1701	97.7, 97.7
85	14.00	29.36	37.81	23.59	11.92	35.00	38.83	30.11	80- 85	24.24	1726	99.1, 99.1
90	0.3268	1.718	0.9569	0.7190	0.2096	0.1728	0.1969	0.3875	85- 90	7.731	1733	99.5, 99.5
95	0.8777	1.664	1.038	0.8688	0.1445	0.2203	0.2604	0.3358	90- 95	0.4262	1734	99.6, 99.6
100	0.9245	1.616	1.119	1.016	0.2333	0.2756	0.3239	0.2869	95- 100	0.4588	1734	99.6, 99.6
105	1.074	1.683	1.200	1.224	0.2893	0.3587	0.3875	0.3935	100- 105	0.4834	1735	99.6, 99.6
110	1.256	1.771	1.335	1.419	0.3780	0.4727	0.5104	0.5259	105- 110	0.5139	1735	99.6, 99.6
115	1.471	1.872	1.470	1.527	0.5086	0.5837	0.6333	0.6436	110- 115	0.5454	1736	99.7, 99.7
120	1.700	1.978	1.606	1.594	0.6160	0.7082	0.7563	0.7530	115- 120	0.5711	1736	99.7, 99.7
125	1.886	2.058	1.734	1.666	0.7376	0.8467	0.8621	0.8893	120- 125	0.5863	1737	99.7, 99.7
130	2.096	2.126	1.862	1.691	0.8634	0.9380	0.9679	0.9829	125- 130	0.5910	1737	99.8, 99.8
135	2.292	2.256	1.990	1.684	0.9663	1.047	1.074	1.095	130- 135	0.5907	1738	99.8, 99.8
140	2.503	2.478	2.070	1.661	1.083	1.117	1.167	1.220	135- 140	0.5818	1739	99.8, 99.8
145	2.712	2.698	2.150	1.701	1.181	1.234	1.260	1.303	140- 145	0.5585	1739	99.9, 99.9
150	2.885	2.876	2.231	1.784	1.270	1.310	1.354	1.363	145- 150	0.5232	1740	99.9, 99.9
155	3.081	3.020	2.317	1.757	1.344	1.410	1.421	1.427	150- 155	0.4699	1740	99.9, 99.9
160	3.254	3.087	2.403	1.762	1.419	1.490	1.488	1.489	155- 160	0.4041	1741	100, 100
165	3.357	3.168	2.489	1.961	1.489	1.521	1.555	1.528	160- 165	0.3293	1741	100, 100
170	3.361	3.190	2.655	2.287	1.550	1.559	1.567	1.561	165- 170	0.2475	1741	100, 100
175	3.263	3.078	2.821	2.638	1.573	1.578	1.579	1.586	170- 175	0.1567	1741	100, 100
180	2.987	2.987	2.987	2.987	1.592	1.592	1.592	1.592	175- 180	0.0538	1741	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7647	20660
80	14137	20476
75	17913	20519
70	20605	22685
65	22544	24150
60	23992	25309
55	25117	26077
50	26014	26852
45	26774	27667

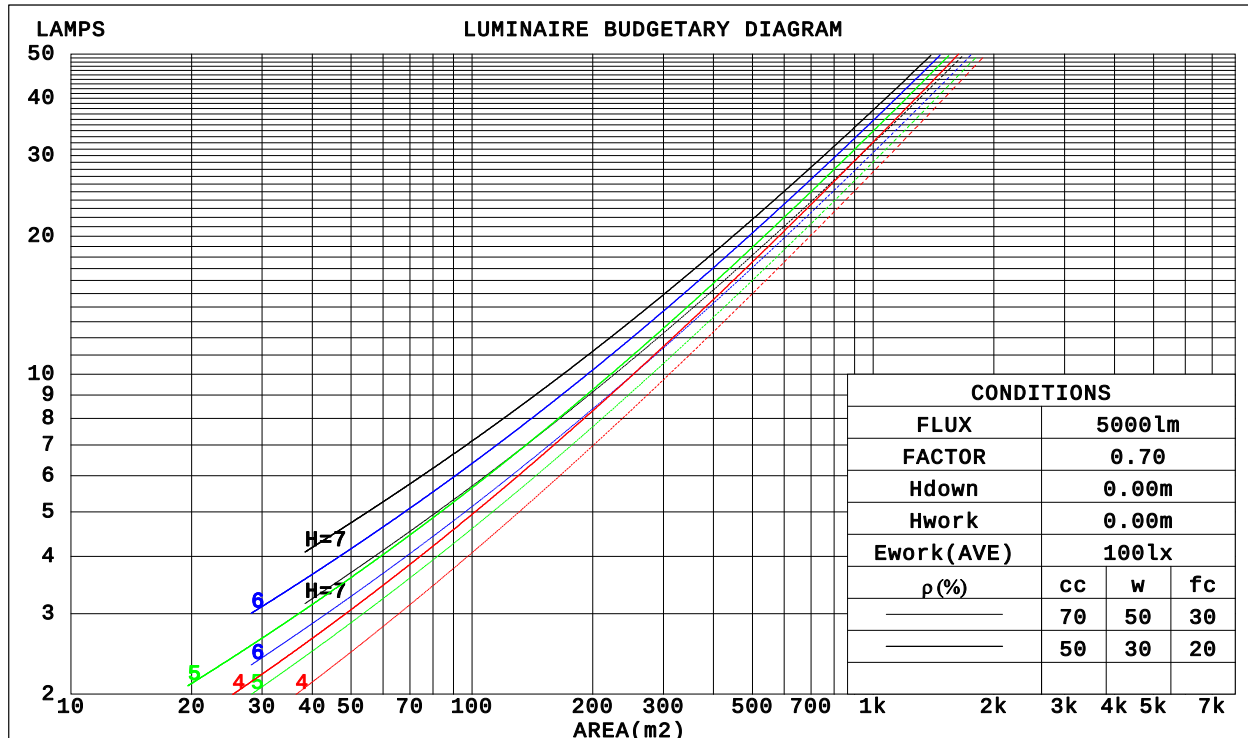
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	.90	.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	.64	.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	.41	.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	.46	.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	.26	.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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	.271	.157	.050	.260	.151	.049		
2.0	.287	.157	.048	.281	.155	.048	.269	.149	.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	.163	.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	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021		
1.0	.184	.160	.138	.157	.137	.119	.107	.094	.082	.062	.055	.048	.020	.018	.015		
2.0	.175	.136	.102	.150	.117	.088	.103	.081	.062	.059	.047	.036	.019	.015	.012		
3.0	.167	.118	.078	.143	.102	.068	.099	.071	.048	.057	.041	.028	.018	.013	.009		
4.0	.160	.105	.062	.137	.090	.054	.094	.063	.038	.055	.037	.023	.018	.012	.007		
5.0	.152	.094	.051	.131	.081	.045	.090	.057	.031	.052	.033	.019	.017	.011	.006		
6.0	.145	.086	.043	.125	.074	.038	.086	.052	.027	.050	.031	.016	.016	.010	.005		
7.0	.138	.079	.037	.119	.068	.032	.082	.048	.023	.048	.028	.014	.015	.009	.005		
8.0	.132	.073	.033	.114	.063	.028	.079	.044	.020	.046	.026	.012	.015	.009	.004		
9.0	.126	.068	.029	.109	.059	.025	.075	.042	.018	.044	.025	.011	.014	.008	.004		
10.0	.120	.064	.026	.104	.055	.023	.072	.039	.016	.042	.023	.010	.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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	23.9	25.4	24.2	25.6	25.8	24.1	25.6	24.4	25.8	26.0	
	3H	25.2	26.6	25.6	26.9	27.1	25.6	27.0	25.9	27.2	27.5
	4H	25.7	27.1	26.1	27.3	27.6	26.1	27.5	26.5	27.7	28.0
	6H	26.0	27.3	26.4	27.5	27.8	26.6	27.9	27.0	28.1	28.4
	8H	26.1	27.3	26.4	27.6	27.9	26.8	28.0	27.1	28.3	28.6
	12H	26.1	27.2	26.4	27.5	27.9	26.9	28.1	27.3	28.4	28.7
4H	2H	24.5	25.8	24.8	26.1	26.3	24.7	26.0	25.0	26.2	26.5
	3H	26.0	27.2	26.4	27.5	27.8	26.3	27.5	26.7	27.8	28.1
	4H	26.6	27.7	27.0	28.0	28.3	27.0	28.0	27.4	28.4	28.7
	6H	27.0	27.9	27.4	28.3	28.7	27.6	28.5	28.0	28.9	29.2
	8H	27.1	28.0	27.5	28.3	28.7	27.8	28.7	28.3	29.1	29.5
	12H	27.1	27.9	27.6	28.3	28.7	28.0	28.8	28.5	29.2	29.6
8H	4H	26.9	27.7	27.3	28.1	28.5	27.2	28.0	27.6	28.4	28.8
	6H	27.4	28.1	27.8	28.5	28.9	27.9	28.6	28.4	29.1	29.5
	8H	27.5	28.2	28.0	28.6	29.0	28.3	28.9	28.7	29.4	29.8
	12H	27.6	28.1	28.1	28.6	29.1	28.6	29.1	29.1	29.6	30.1
12H	4H	26.9	27.7	27.3	28.1	28.5	27.2	28.0	27.6	28.4	28.8
	6H	27.4	28.1	27.9	28.5	29.0	28.0	28.6	28.4	29.0	29.5
	8H	27.6	28.2	28.1	28.6	29.1	28.4	28.9	28.8	29.4	29.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 1741 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.9)

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

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

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

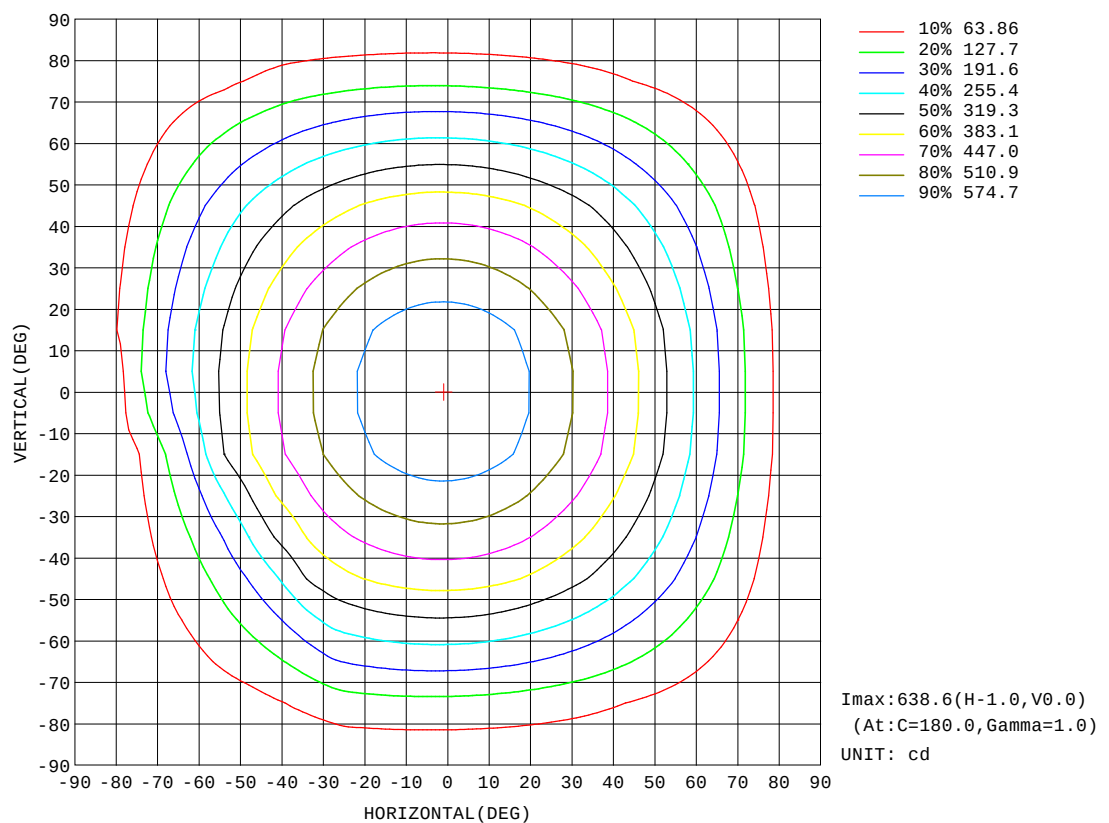
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	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	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



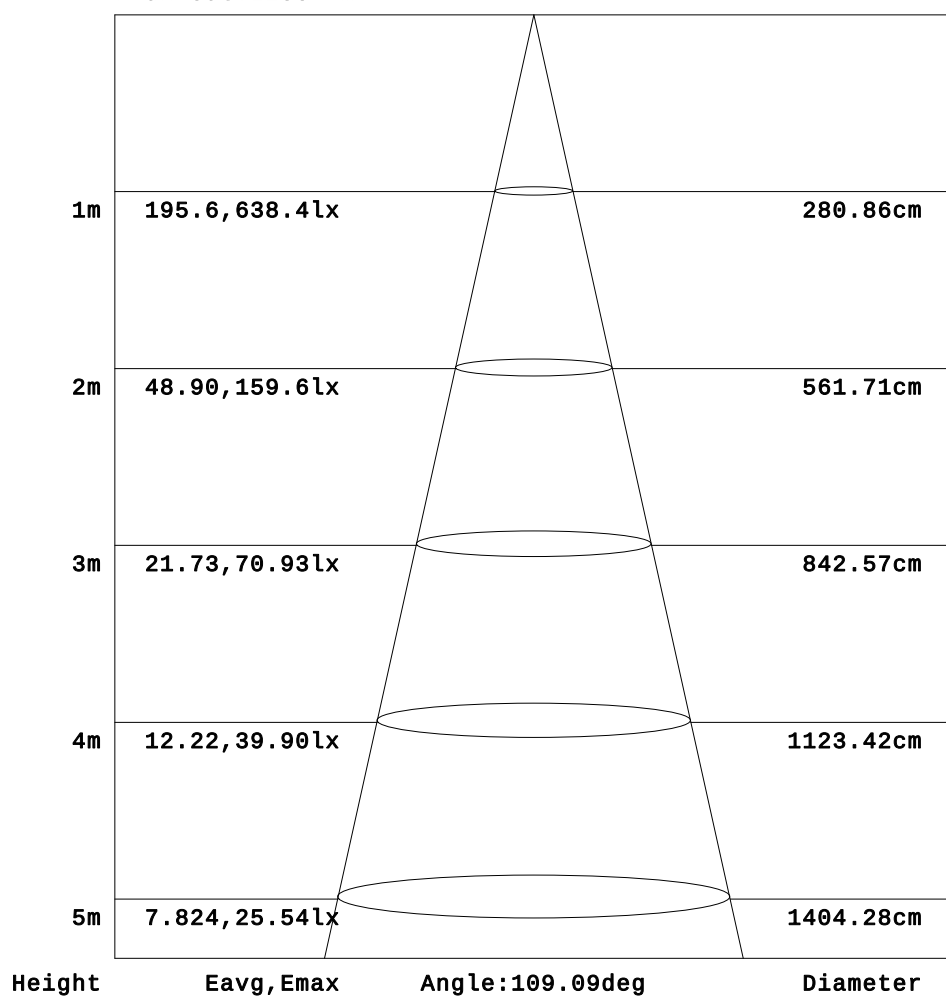
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:1253 lm



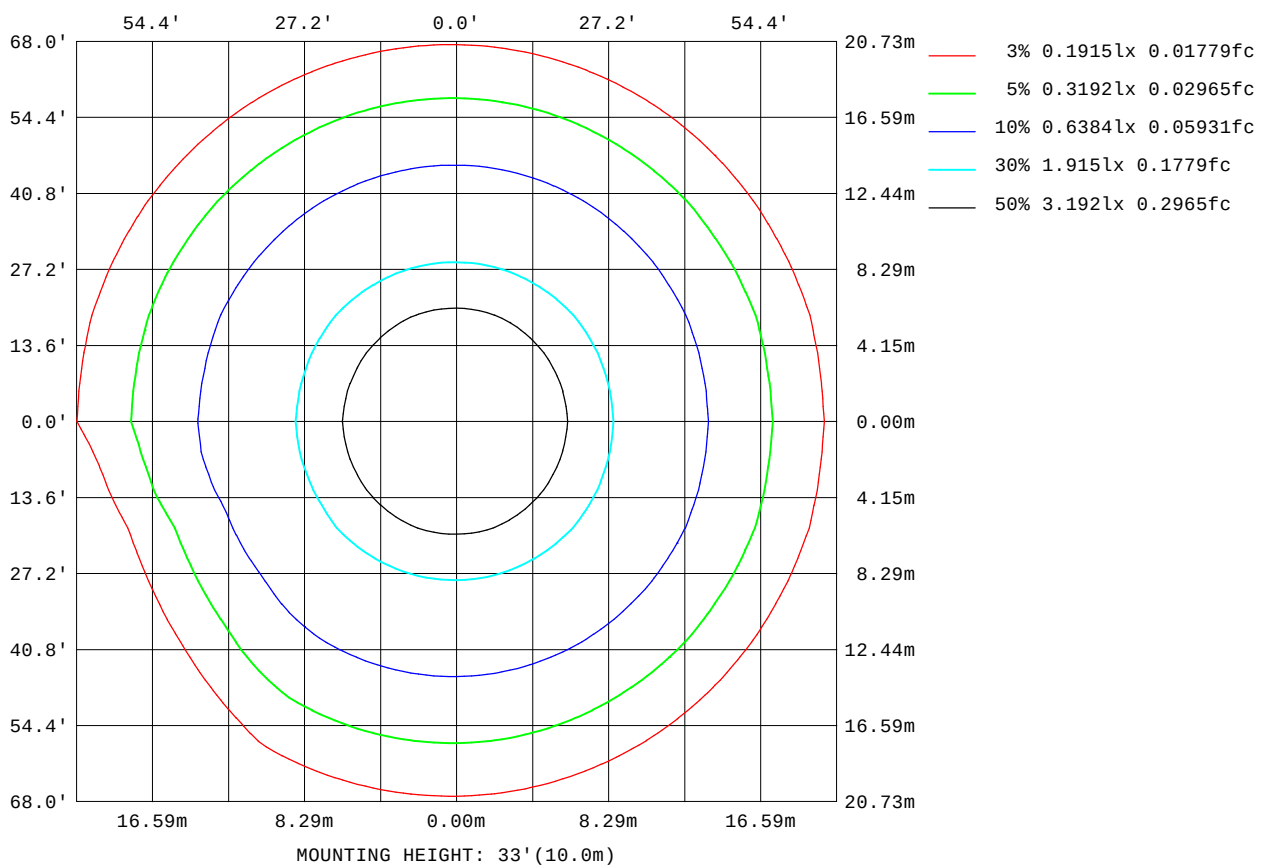
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

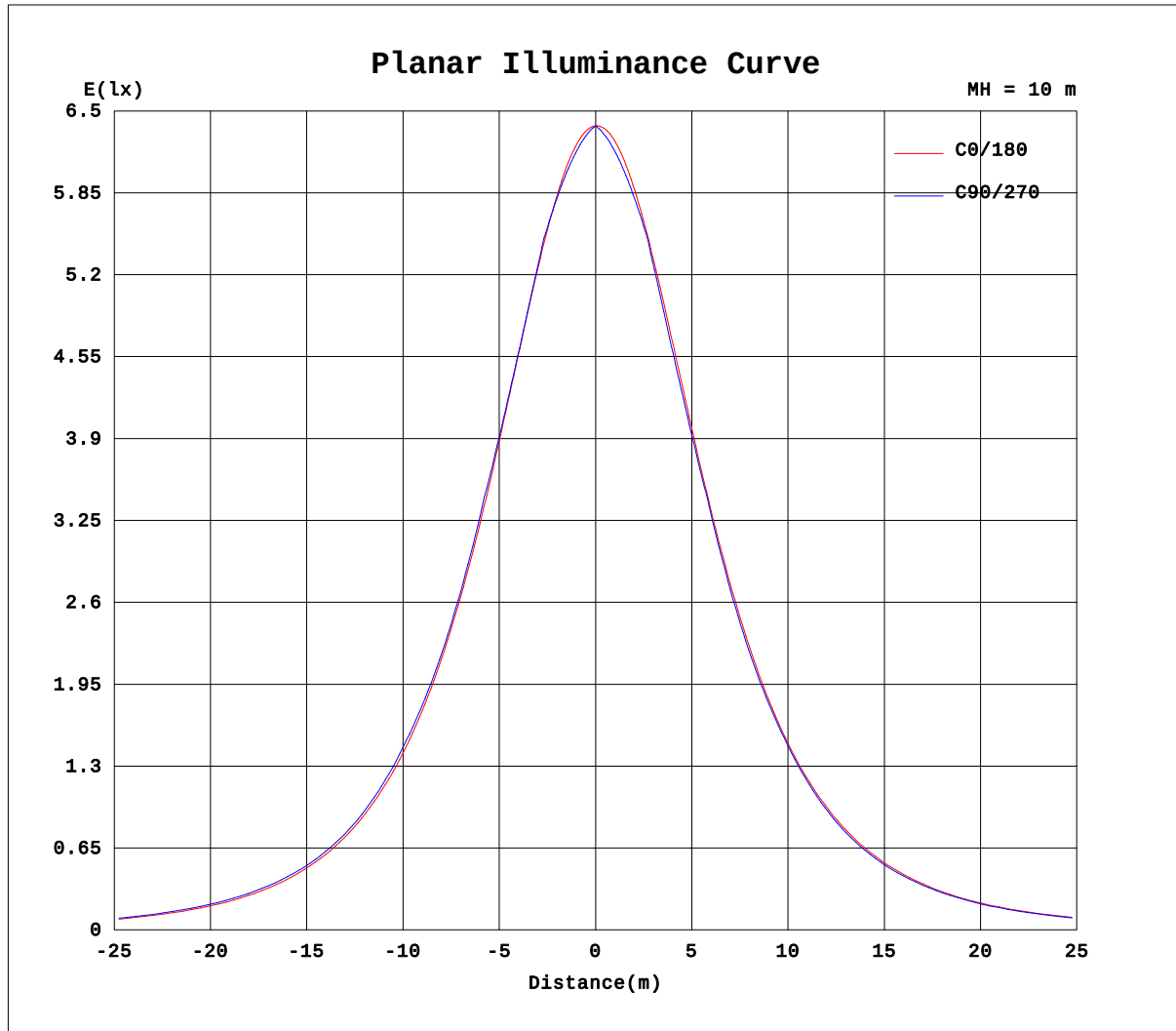
AvgL	cd/m2
L_0~180(65)av	23955
L_0~180(75)av	19790
L_0~180(85)av	7080
L_90~270(65)av	24393
L_90~270(75)av	20940
L_90~270(85)av	20938
L_45(65)av	22961
L_45(75)av	19167
L_45(85)av	16125

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638
5	634	633	632	632	631	630	630	629	629	629	629	629	628	628	628	628	628	628	629
10	622	621	620	619	618	617	617	617	616	616	617	617	617	617	618	618	618	619	619
15	605	603	601	600	599	599	599	599	600	601	602	603	604	605	607	607	608	609	609
20	581	578	577	576	575	576	577	578	580	583	583	582	582	582	582	582	582	582	582
25	552	549	548	547	547	549	551	554	553	552	551	551	552	552	553	554	554	555	556
30	519	516	514	514	516	519	520	518	517	517	518	519	521	523	524	526	527	528	529
35	482	478	477	478	481	482	480	480	480	482	484	487	487	487	487	488	488	489	489
40	441	438	437	440	442	439	439	440	443	445	444	444	445	445	446	448	449	449	450
45	398	394	395	398	396	395	397	400	399	399	399	401	402	404	406	408	409	410	411
50	351	348	350	351	349	351	353	352	352	353	356	358	359	359	360	360	361	362	362
55	303	300	303	301	301	304	302	302	306	308	308	308	308	309	310	311	312	313	314
60	252	249	251	250	253	251	252	254	254	255	256	257	258	259	261	262	264	265	266
65	200	198	199	201	200	201	202	201	202	203	205	206	207	209	210	211	212	213	214
70	148	148	147	148	149	149	149	150	151	153	154	155	156	157	158	160	161	162	163
75	97.4	97.9	97.7	98.8	98.4	98.7	99.8	101	102	103	104	105	105	106	107	108	109	111	112
80	51.6	52.0	52.9	52.4	53.0	54.1	54.7	54.9	55.0	57.7	60.8	63.6	66.0	68.1	69.9	71.5	72.9	73.9	74.7
85	14.0	15.3	15.2	15.6	16.2	19.8	22.8	25.3	27.5	29.4	31.0	32.4	33.7	34.7	35.6	36.4	37.0	37.5	37.8
90	0.33	1.81	1.81	1.81	1.81	1.79	1.78	1.78	1.73	1.72	1.65	1.61	1.56	1.49	1.41	1.29	1.19	1.05	0.96
95	0.88	1.97	1.87	1.80	1.78	1.76	1.74	1.72	1.69	1.66	1.62	1.58	1.54	1.50	1.44	1.35	1.27	1.17	1.04
100	0.92	1.70	1.90	1.81	1.78	1.75	1.73	1.69	1.65	1.62	1.59	1.55	1.53	1.50	1.47	1.41	1.35	1.29	1.12
105	1.07	1.44	1.82	1.86	1.82	1.78	1.76	1.74	1.71	1.68	1.64	1.60	1.57	1.55	1.53	1.48	1.44	1.41	1.20
110	1.26	1.34	1.69	1.83	1.86	1.83	1.82	1.80	1.79	1.77	1.74	1.72	1.71	1.70	1.66	1.57	1.57	1.55	1.34
115	1.47	1.47	1.62	1.83	1.87	1.88	1.92	1.88	1.88	1.87	1.84	1.84	1.86	1.84	1.79	1.67	1.71	1.69	1.47
120	1.70	1.66	1.69	1.82	1.89	1.92	1.93	1.97	1.98	1.98	1.93	1.91	1.93	1.95	1.90	1.79	1.86	1.82	1.61
125	1.89	1.86	1.87	1.91	1.92	1.93	1.96	2.01	2.08	2.06	1.99	1.96	1.97	2.01	2.04	2.00	2.05	1.95	1.73
130	2.10	2.06	2.03	2.04	2.02	2.02	2.04	2.11	2.15	2.13	2.07	2.01	2.04	2.14	2.19	2.22	2.23	2.07	1.86
135	2.29	2.25	2.23	2.23	2.24	2.23	2.23	2.24	2.26	2.26	2.24	2.25	2.28	2.33	2.40	2.42	2.41	2.19	1.99
140	2.50	2.48	2.47	2.47	2.47	2.45	2.44	2.44	2.44	2.48	2.51	2.54	2.56	2.58	2.59	2.57	2.50	2.27	2.07
145	2.71	2.69	2.67	2.66	2.67	2.66	2.63	2.63	2.65	2.70	2.76	2.81	2.79	2.77	2.75	2.70	2.56	2.35	2.15
150	2.89	2.86	2.84	2.84	2.81	2.80	2.81	2.80	2.84	2.88	2.90	2.91	2.90	2.89	2.86	2.79	2.61	2.42	2.23
155	3.08	3.05	3.02	3.00	2.99	2.99	2.99	2.98	2.99	3.02	3.00	2.99	2.98	2.96	2.91	2.80	2.63	2.49	2.32
160	3.25	3.22	3.20	3.17	3.16	3.16	3.15	3.13	3.11	3.09	3.08	3.06	3.05	3.01	2.92	2.78	2.67	2.55	2.40
165	3.36	3.33	3.31	3.29	3.26	3.24	3.22	3.20	3.19	3.17	3.15	3.13	3.07	2.98	2.87	2.79	2.72	2.60	2.49
170	3.36	3.35	3.33	3.31	3.30	3.29	3.27	3.25	3.22	3.19	3.13	3.08	3.02	2.96	2.91	2.86	2.80	2.72	2.66
175	3.26	3.25	3.23	3.22	3.20	3.18	3.16	3.13	3.11	3.08	3.05	3.02	3.00	2.97	2.95	2.92	2.89	2.86	2.82
180	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638
5	629	629	629	629	630	630	630	630	631	631	632	632	633	634	634	635	636	637	636
10	619	619	619	619	620	620	620	620	620	620	621	621	622	623	624	625	626	628	627
15	609	609	609	609	608	608	607	607	606	606	605	605	606	606	607	609	611	613	611
20	583	583	584	585	586	587	588	589	589	588	586	585	585	585	586	587	589	592	589
25	556	557	557	557	557	558	558	559	560	562	564	562	560	559	559	560	563	566	563
30	529	530	530	529	529	528	528	528	528	528	530	532	532	529	528	529	531	535	531
35	490	491	492	493	494	495	497	495	494	493	493	494	496	496	494	494	496	500	496
40	451	452	452	452	453	454	455	456	458	456	452	451	452	457	457	455	457	461	457
45	412	412	412	412	412	412	412	411	410	408	405	402	405	410	417	414	415	419	415
50	363	364	365	366	367	369	368	365	360	351	347	353	351	353	365	370	370	374	370
55	315	316	317	317	318	319	317	313	305	290	285	282	280	283	301	323	321	327	323
60	267	267	268	269	269	269	263	253	240	228	218	214	211	210	225	244	256	277	274
65	215	216	217	218	219	219	206	192	182	172	165	158	154	153	155	168	188	225	223
70	164	165	166	167	167	165	152	141	131	124	118	113	108	106	105	108	121	174	173
75	112	114	114	115	116	111	102	94.5	87.1	81.2	77.8	74.3	69.4	67.1	64.1	63.2	63.2	118	116
80	75.2	75.6	75.7	75.6	75.1	68.5	61.6	55.3	47.7	42.2	41.9	40.8	38.5	36.9	35.9	34.2	33.1	32.6	65.3
85	38.1	38.3	38.3	38.3	37.9	34.3	30.8	27.5	23.6	20.7	19.1	17.4	15.8	15.0	16.2	17.5	16.6	11.9	23.9
90	1.00	1.05	0.95	0.97	0.88	0.69	0.69	0.69	0.72	0.74	0.74	0.74	0.79	0.98	0.82	0.67	0.47	0.21	0.14
95	1.03	1.09	1.03	1.04	0.98	0.83	0.81	0.82	0.87	0.94	0.99	1.05	1.17	1.48	1.54	1.67	1.73	0.14	0.18
100	1.06	1.13	1.11	1.12	1.09	0.98	0.94	0.96	1.02	1.13	1.24	1.39	1.61	1.96	2.15	2.25	1.46	0.23	0.23
105	1.09	1.17	1.20	1.21	1.20	1.15	1.10	1.14	1.22	1.35	1.52	1.74	1.90	2.05	2.12	1.68	1.29	0.29	0.33
110	1.22	1.28	1.33	1.34	1.35	1.34	1.29	1.34	1.42	1.57	1.68	1.76	1.86	1.88	1.67	1.42	1.35	0.38	0.44
115	1.34	1.39	1.46	1.48	1.49	1.51	1.49	1.50	1.53	1.57	1.64	1.71	1.71	1.61	1.43	1.45	1.56	0.51	0.54
120	1.45	1.49	1.58	1.60	1.60	1.61	1.63	1.58	1.59	1.61	1.63	1.61	1.56	1.44	1.48	1.54	1.58	0.62	0.66
125	1.57	1.57	1.64	1.66	1.66	1.67	1.69	1.68	1.67	1.64	1.59	1.55	1.51	1.51	1.53	1.52	1.26	0.74	0.76
130	1.71	1.65	1.69	1.73	1.72	1.73	1.74	1.73	1.69	1.61	1.59	1.53	1.50	1.53	1.56	1.45	1.23	0.86	0.88
135	1.85	1.73	1.74	1.79	1.78	1.76	1.72	1.70	1.68	1.65	1.57	1.55	1.55	1.52	1.51	1.43	1.34	0.97	0.98
140	1.92	1.81	1.78	1.82	1.82	1.77	1.76	1.70	1.66	1.65	1.60	1.51	1.48	1.48	1.51	1.46	1.41	1.08	1.09
145	1.98	1.91	1.84	1.85	1.86	1.86	1.79	1.77	1.70	1.67	1.68	1.61	1.51	1.44	1.43	1.44	1.46	1.18	1.18
150	2.06	2.02	1.92	1.87	1.87	1.85	1.83	1.77	1.78	1.74	1.71	1.70	1.67	1.65	1.60	1.54	1.50	1.27	1.27
155	2.14	2.04	1.97	1.90	1.88	1.86	1.81	1.79	1.76	1.74	1.79	1.73	1.65	1.57	1.49	1.43	1.37	1.34	1.35
160	2.25	2.10	2.02	1.96	1.91	1.89	1.89	1.80	1.76	1.75	1.73	1.70	1.66	1.63	1.61	1.57	1.53	1.42	1.42
165	2.37	2.22	2.12	2.06	2.05	2.01	1.99	1.97	1.96	1.93	1.88	1.82	1.80	1.79	1.77	1.76	1.75	1.49	1.49
170	2.58	2.50	2.43	2.38	2.35	2.34	2.35	2.33	2.29	2.25	2.21	2.19	2.18	2.16	2.16	2.15	2.16	1.55	1.55
175	2.79	2.75	2.72	2.69	2.66	2.65	2.64	2.64	2.64	2.64	2.65	2.66	2.67	2.69	2.71	2.73	2.75	1.57	1.57
180	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	1.59	1.59

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638
5	635	634	634	633	633	632	632	631	631	630	630	630	630	629	629	629	629	629	629
10	625	624	623	622	622	621	621	621	620	620	620	620	620	620	620	620	620	619	619
15	609	608	607	606	606	606	606	607	608	608	609	609	610	610	610	610	610	610	609
20	587	586	585	586	586	587	589	590	590	589	588	587	586	585	585	584	584	583	583
25	561	560	560	561	563	565	563	561	560	560	559	559	559	559	558	558	557	557	556
30	529	529	530	532	533	531	530	529	529	529	530	531	531	532	532	532	531	530	529
35	494	495	497	497	495	495	495	496	497	499	497	496	495	494	494	493	492	491	491
40	456	458	459	457	456	457	459	460	458	457	456	455	455	455	454	454	453	452	452
45	415	418	415	415	416	419	417	415	415	414	415	415	415	415	415	415	414	413	412
50	371	372	370	372	374	371	371	371	371	372	372	370	369	368	368	367	366	365	364
55	325	323	324	326	324	324	325	326	324	323	322	321	321	320	320	319	318	317	316
60	275	273	276	275	275	277	275	274	274	273	273	273	272	272	271	271	270	269	268
65	223	225	223	224	225	224	224	224	224	224	223	223	222	221	220	220	219	218	216
70	172	172	173	173	173	173	173	173	173	172	172	171	171	170	169	168	167	166	165
75	117	117	118	119	121	119	119	120	122	121	121	120	119	119	118	117	116	115	114
80	64.6	64.4	65.6	66.3	66.2	64.4	66.9	70.8	75.2	76.6	77.3	77.8	78.2	78.3	78.4	78.1	77.5	76.8	75.6
85	24.2	23.4	22.7	25.0	26.9	28.6	32.6	35.0	37.4	38.3	38.7	39.0	39.1	39.2	39.5	39.4	38.8	38.7	38.1
90	0.20	0.21	0.24	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.58	0.66	0.20	0.56	0.49
95	0.15	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.25	0.52	0.57	0.26	0.50	0.46
100	0.25	0.24	0.23	0.25	0.25	0.26	0.27	0.28	0.28	0.29	0.30	0.30	0.31	0.31	0.45	0.48	0.32	0.44	0.42
105	0.31	0.35	0.34	0.33	0.34	0.34	0.36	0.36	0.37	0.38	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39
110	0.42	0.44	0.46	0.46	0.45	0.44	0.44	0.47	0.46	0.49	0.47	0.49	0.49	0.49	0.51	0.51	0.51	0.51	0.52
115	0.55	0.53	0.55	0.58	0.58	0.59	0.57	0.58	0.56	0.59	0.58	0.60	0.59	0.60	0.63	0.63	0.63	0.63	0.64
120	0.68	0.66	0.66	0.69	0.70	0.72	0.72	0.71	0.72	0.71	0.71	0.72	0.71	0.71	0.75	0.74	0.76	0.75	0.76
125	0.80	0.80	0.79	0.80	0.79	0.81	0.83	0.85	0.84	0.84	0.84	0.84	0.84	0.86	0.86	0.86	0.86	0.86	0.87
130	0.90	0.91	0.90	0.91	0.90	0.92	0.95	0.94	0.96	0.96	0.97	0.97	0.97	0.98	0.97	0.97	0.97	0.97	0.97
135	1.00	1.03	1.02	1.02	1.01	1.05	1.02	1.05	1.04	1.06	1.06	1.08	1.09	1.09	1.08	1.08	1.07	1.08	1.08
140	1.11	1.12	1.13	1.13	1.13	1.12	1.13	1.12	1.15	1.14	1.16	1.16	1.17	1.18	1.18	1.17	1.17	1.17	1.17
145	1.19	1.20	1.23	1.23	1.23	1.22	1.21	1.23	1.22	1.24	1.25	1.24	1.26	1.28	1.27	1.26	1.26	1.26	1.27
150	1.28	1.29	1.30	1.31	1.33	1.33	1.31	1.31	1.32	1.33	1.32	1.33	1.36	1.36	1.36	1.36	1.35	1.36	1.36
155	1.35	1.36	1.38	1.39	1.40	1.42	1.41	1.41	1.41	1.40	1.41	1.42	1.43	1.43	1.43	1.42	1.42	1.42	1.42
160	1.42	1.43	1.44	1.44	1.46	1.47	1.48	1.49	1.49	1.49	1.49	1.50	1.50	1.50	1.49	1.49	1.49	1.49	1.49
165	1.49	1.49	1.50	1.50	1.50	1.51	1.51	1.52	1.53	1.54	1.54	1.56	1.56	1.56	1.56	1.56	1.55	1.55	1.56
170	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.56	1.56	1.56	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
175	1.57	1.57	1.57	1.57	1.57	1.57	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.59
180	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59

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:0.1653A P:19.67W PF:0.9896 Lamp Flux:1741.36x1 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	638	638	638	638	638	638	638	638	638	638	638	638	638	638	638				
5	629	629	629	629	629	629	629	629	630	630	631	631	632	632	633				
10	619	618	618	618	617	617	617	617	617	617	617	618	619	620	621				
15	608	608	607	605	604	603	602	601	600	599	599	599	600	601	603				
20	583	583	583	583	584	584	584	581	579	578	576	576	576	577	579				
25	556	555	554	553	553	553	553	554	556	552	550	548	547	548	550				
30	528	526	525	523	521	520	519	519	519	521	520	517	515	515	516				
35	490	490	489	489	489	486	484	482	481	482	483	482	479	478	479				
40	450	449	448	447	446	446	447	445	442	441	441	443	440	438	438				
45	411	409	407	405	403	402	401	401	402	399	397	397	399	395	395				
50	364	363	362	362	361	358	356	354	354	355	352	350	352	350	348				
55	315	314	312	311	311	311	311	308	305	304	305	303	302	304	300				
60	266	265	263	261	260	259	258	257	257	254	253	254	251	251	249				
65	215	214	212	211	210	208	207	205	204	204	202	201	202	199	199				
70	164	163	161	160	159	157	156	155	153	151	151	151	149	148	148				
75	113	112	110	109	108	107	106	105	104	102	101	100	100.0	98.2	98.0				
80	74.3	72.7	70.8	68.7	66.4	63.6	60.5	57.7	57.3	56.8	55.9	54.6	53.5	53.5	51.9				
85	37.3	36.5	35.6	34.5	33.2	31.8	30.1	28.2	26.0	23.5	20.5	16.9	16.2	15.5	15.1				
90	0.47	0.46	0.45	0.44	0.42	0.41	0.39	0.37	0.35	0.33	0.31	0.29	0.27	0.25	0.23				
95	0.44	0.43	0.41	0.39	0.37	0.36	0.34	0.30	0.28	0.26	0.24	0.23	0.23	0.23	0.20				
100	0.41	0.40	0.37	0.35	0.32	0.31	0.29	0.25	0.26	0.28	0.29	0.30	0.28	0.25	0.28				
105	0.40	0.40	0.37	0.37	0.37	0.38	0.39	0.39	0.39	0.41	0.39	0.38	0.38	0.38	0.38				
110	0.52	0.53	0.51	0.51	0.51	0.52	0.53	0.53	0.52	0.51	0.49	0.48	0.50	0.50	0.45				
115	0.65	0.65	0.65	0.66	0.66	0.66	0.64	0.64	0.63	0.63	0.62	0.62	0.64	0.60	0.59				
120	0.76	0.77	0.77	0.76	0.76	0.76	0.75	0.75	0.76	0.74	0.76	0.77	0.74	0.72	0.74				
125	0.87	0.88	0.88	0.86	0.89	0.86	0.89	0.86	0.87	0.89	0.90	0.88	0.86	0.84	0.87				
130	0.97	0.99	1.01	0.97	0.98	0.98	0.98	1.00	0.99	1.02	1.00	1.00	0.96	0.97	0.99				
135	1.07	1.09	1.11	1.09	1.08	1.10	1.10	1.11	1.13	1.10	1.09	1.09	1.07	1.09	1.11				
140	1.18	1.19	1.20	1.21	1.20	1.21	1.22	1.21	1.20	1.20	1.18	1.18	1.19	1.20	1.21				
145	1.28	1.29	1.31	1.31	1.31	1.31	1.30	1.29	1.28	1.27	1.26	1.27	1.28	1.29	1.31				
150	1.36	1.37	1.38	1.38	1.38	1.36	1.36	1.37	1.38	1.35	1.35	1.35	1.37	1.38	1.39				
155	1.42	1.42	1.42	1.43	1.43	1.44	1.43	1.42	1.43	1.44	1.45	1.46	1.46	1.47	1.48				
160	1.49	1.48	1.48	1.48	1.48	1.48	1.49	1.50	1.50	1.49	1.49	1.51	1.52	1.54	1.55				
165	1.55	1.55	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.54	1.55	1.56	1.56	1.57	1.58				
170	1.57	1.57	1.57	1.57	1.56	1.56	1.56	1.56	1.56	1.57	1.57	1.58	1.58	1.59	1.59				
175	1.59	1.58	1.58	1.58	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.60				
180	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59				

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	636.8	636.4	636.0	635.6	635.3	635.0	634.7	634.4	634.2	634.0
5.0	633.7	632.9	632.2	631.5	630.9	630.3	629.9	629.5	629.2	628.9
7.5	629.0	627.8	626.8	625.9	625.1	624.4	623.9	623.5	623.3	623.1
10.0	622.5	620.9	619.6	618.6	617.7	617.2	616.7	616.5	616.4	616.5
12.5	614.2	612.4	610.9	609.8	609.0	608.4	608.3	608.3	608.6	609.1
15.0	604.9	602.7	601.0	599.7	599.0	598.6	598.7	599.2	599.9	600.9
17.5	593.6	591.2	589.5	588.4	587.7	587.7	588.3	589.2	590.5	592.1
20.0	581.2	578.5	576.6	575.6	575.3	575.7	576.8	578.4	580.4	582.6
22.5	567.3	564.5	562.6	561.8	561.9	562.7	564.4	566.7	569.6	568.4
25.0	552.4	549.4	547.5	546.9	547.4	549.0	551.4	554.4	552.7	551.8
27.5	536.3	533.1	531.4	531.1	532.1	534.3	537.5	536.5	535.2	534.7
30.0	519.2	515.8	514.2	514.2	515.9	518.8	519.7	518.0	517.3	517.4
32.5	501.0	497.6	496.2	496.8	499.1	502.4	500.1	499.0	499.0	499.8
35.0	482.0	478.5	477.3	478.4	481.3	482.0	480.2	479.7	480.4	482.0
37.5	462.0	458.5	457.6	459.3	463.1	460.9	459.8	460.1	461.7	464.0
40.0	441.2	437.7	437.3	439.5	441.7	439.3	439.0	440.3	442.7	444.5
42.5	419.8	416.3	416.3	419.3	419.1	417.5	418.0	420.2	422.7	421.7
45.0	397.6	394.2	394.6	398.3	396.1	395.2	396.9	400.1	399.1	398.9
47.5	374.7	371.4	372.4	375.5	372.8	373.0	375.5	376.1	375.5	376.1
50.0	351.2	348.0	349.6	350.9	349.1	350.6	352.8	351.8	352.0	353.5
52.5	327.2	324.2	326.6	326.1	325.4	327.9	327.2	327.3	328.7	331.0
55.0	302.5	299.9	303.2	301.1	301.5	303.5	301.9	302.2	305.7	308.1
57.5	277.5	274.2	277.8	275.9	277.7	277.1	276.7	278.2	282.3	281.5
60.0	251.9	249.1	250.8	250.1	252.9	251.2	251.9	254.4	254.2	255.1
62.5	226.2	223.9	224.6	225.2	226.0	225.6	227.5	227.7	227.6	229.2
65.0	200.1	198.4	198.7	200.6	199.6	200.5	201.5	201.2	201.8	203.4
67.5	174.2	173.1	172.9	174.6	173.9	175.7	174.9	175.3	176.4	178.0
70.0	148.0	148.2	147.0	148.0	149.1	149.0	149.0	149.9	151.4	152.6
72.5	122.0	123.4	122.3	122.5	123.7	123.3	123.9	125.2	126.4	127.6
75.0	97.36	97.93	97.72	98.81	98.43	98.71	99.82	101.1	102.1	103.0
77.5	73.72	73.98	74.09	74.90	74.73	75.65	76.81	77.68	78.31	78.83
80.0	51.55	51.97	52.92	52.39	53.04	54.14	54.69	54.93	54.96	57.68
82.5	31.39	32.07	32.38	32.64	33.50	33.68	33.84	37.49	40.62	43.40
85.0	14.00	15.33	15.18	15.64	16.15	19.82	22.80	25.33	27.46	29.36
87.5	1.679	2.944	2.801	6.180	8.737	10.65	12.19	13.48	14.54	15.50
90.0	0.3268	1.807	1.807	1.807	1.807	1.793	1.783	1.779	1.732	1.718
92.5	0.8707	1.867	1.833	1.807	1.796	1.774	1.760	1.750	1.710	1.691
95.0	0.8777	1.968	1.866	1.804	1.781	1.755	1.737	1.721	1.687	1.664
97.5	0.8988	1.882	1.872	1.792	1.778	1.745	1.714	1.691	1.664	1.638
100.0	0.9245	1.699	1.897	1.810	1.779	1.748	1.727	1.688	1.646	1.616
102.5	0.9993	1.551	1.845	1.844	1.790	1.759	1.741	1.714	1.680	1.640
105.0	1.074	1.441	1.824	1.860	1.817	1.779	1.756	1.735	1.713	1.683
107.5	1.160	1.363	1.780	1.844	1.844	1.806	1.781	1.766	1.747	1.726
110.0	1.256	1.342	1.687	1.834	1.856	1.831	1.816	1.801	1.787	1.771
112.5	1.356	1.398	1.629	1.832	1.856	1.860	1.868	1.842	1.834	1.821
115.0	1.471	1.465	1.619	1.834	1.865	1.882	1.915	1.879	1.882	1.872
117.5	1.588	1.574	1.648	1.816	1.876	1.906	1.935	1.922	1.928	1.927
120.0	1.700	1.665	1.691	1.822	1.889	1.919	1.934	1.972	1.976	1.978
122.5	1.788	1.757	1.770	1.857	1.903	1.917	1.941	1.999	2.050	2.025
125.0	1.886	1.863	1.867	1.911	1.923	1.933	1.957	2.014	2.085	2.058
127.5	1.989	1.965	1.955	1.955	1.971	1.951	1.989	2.055	2.110	2.082
130.0	2.096	2.056	2.032	2.036	2.025	2.018	2.035	2.110	2.149	2.126
132.5	2.190	2.156	2.135	2.123	2.112	2.121	2.119	2.169	2.194	2.183
135.0	2.292	2.254	2.231	2.232	2.239	2.227	2.226	2.245	2.261	2.256
137.5	2.400	2.370	2.359	2.357	2.361	2.339	2.341	2.340	2.346	2.354
140.0	2.503	2.475	2.466	2.470	2.467	2.455	2.443	2.435	2.443	2.478
142.5	2.598	2.573	2.559	2.559	2.595	2.558	2.542	2.526	2.546	2.597
145.0	2.712	2.687	2.669	2.660	2.666	2.657	2.627	2.626	2.653	2.698
147.5	2.794	2.771	2.758	2.749	2.735	2.754	2.715	2.728	2.742	2.790
150.0	2.885	2.857	2.841	2.836	2.812	2.800	2.811	2.804	2.843	2.876
152.5	2.983	2.952	2.929	2.911	2.901	2.883	2.890	2.905	2.927	2.938
155.0	3.081	3.047	3.018	2.996	2.992	2.989	2.986	2.981	2.994	3.020
157.5	3.177	3.145	3.118	3.099	3.089	3.070	3.060	3.084	3.073	3.052
160.0	3.254	3.223	3.196	3.174	3.161	3.165	3.147	3.127	3.106	3.087
162.5	3.305	3.282	3.261	3.241	3.221	3.203	3.186	3.166	3.150	3.134
165.0	3.357	3.332	3.308	3.285	3.264	3.243	3.223	3.205	3.186	3.168
167.5	3.366	3.345	3.325	3.305	3.286	3.268	3.249	3.231	3.216	3.198
170.0	3.361	3.345	3.330	3.314	3.300	3.286	3.267	3.246	3.220	3.190
172.5	3.361	3.346	3.331	3.315	3.299	3.269	3.233	3.194	3.161	3.128
175.0	3.263	3.249	3.234	3.217	3.198	3.177	3.155	3.132	3.106	3.078
177.5	3.114	3.107	3.100	3.091	3.082	3.072	3.062	3.050	3.041	3.032
180.0	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	633.8	633.7	633.6	633.5	633.4	633.4	633.4	633.4	633.5	633.5
5.0	628.7	628.5	628.4	628.3	628.3	628.4	628.4	628.5	628.6	628.7
7.5	623.0	622.9	622.9	623.0	623.1	623.2	623.4	623.5	623.7	623.9
10.0	616.6	616.8	617.1	617.4	617.7	618.0	618.3	618.6	618.8	619.1
12.5	609.6	610.2	610.9	611.6	612.1	612.7	613.2	613.7	614.0	614.2
15.0	602.0	603.2	604.3	605.5	606.5	607.3	608.1	608.7	609.1	609.3
17.5	593.8	595.6	596.5	595.9	595.6	595.3	595.2	595.4	595.7	596.1
20.0	587.2	582.3	581.8	581.6	581.5	581.6	581.6	581.9	582.3	582.8
22.5	567.4	567.0	566.9	567.0	567.3	567.7	568.0	568.5	568.9	569.4
25.0	551.3	551.3	551.7	552.3	553.1	553.8	554.4	555.0	555.6	556.1
27.5	534.9	535.5	536.4	537.5	538.7	539.9	540.8	541.5	542.2	542.7
30.0	518.2	519.5	520.9	522.6	524.3	525.8	527.1	528.0	528.8	529.3
32.5	501.3	503.5	505.4	507.6	507.6	507.9	508.2	508.6	509.1	509.9
35.0	484.2	487.0	487.0	486.9	487.2	487.8	488.4	488.9	489.5	490.2
37.5	466.2	465.6	465.9	466.2	466.9	467.7	468.6	469.2	469.8	470.6
40.0	443.9	443.9	444.6	445.5	446.4	447.6	448.7	449.5	450.2	450.9
42.5	421.6	422.4	423.4	424.9	426.1	427.6	428.8	429.8	430.5	431.2
45.0	399.5	400.8	402.3	404.3	405.9	407.5	409.0	410.1	410.8	411.5
47.5	377.4	379.3	381.3	383.6	384.4	384.7	385.4	386.0	386.7	387.6
50.0	355.5	357.9	358.8	359.0	359.5	360.1	361.0	361.8	362.5	363.4
52.5	333.8	333.3	333.4	333.9	334.7	335.6	336.6	337.6	338.3	339.2
55.0	307.6	307.6	308.1	308.9	310.0	311.1	312.3	313.3	314.1	315.0
57.5	281.5	282.0	282.9	284.0	285.4	286.6	287.9	289.1	289.9	290.9
60.0	255.7	256.6	257.8	259.2	260.7	262.2	263.6	264.9	265.7	266.7
62.5	230.1	231.4	232.9	234.4	235.6	236.8	238.1	239.2	240.0	241.0
65.0	204.7	206.2	207.4	208.6	209.8	211.0	212.3	213.5	214.3	215.3
67.5	179.3	180.5	181.7	182.8	184.1	185.3	186.6	187.7	188.6	189.6
70.0	153.8	155.0	156.1	157.2	158.4	159.6	160.8	162.0	162.9	163.9
72.5	128.7	129.7	130.7	131.8	132.8	134.0	135.1	136.3	137.2	138.2
75.0	103.9	104.7	105.5	106.4	107.3	108.4	109.5	110.6	111.5	112.5
77.5	79.35	79.84	82.35	84.94	87.19	89.15	90.81	92.18	93.10	93.79
80.0	60.83	63.59	66.01	68.12	69.94	71.53	72.86	73.94	74.67	75.23
82.5	45.81	47.93	49.79	51.38	52.76	53.93	54.93	55.71	56.24	56.68
85.0	30.98	32.42	33.66	34.71	35.62	36.37	37.01	37.49	37.81	38.12
87.5	16.28	16.99	17.59	18.09	18.51	18.82	19.09	19.27	19.38	19.56
90.0	1.648	1.606	1.559	1.489	1.414	1.288	1.186	1.050	0.9569	0.9992
92.5	1.634	1.592	1.552	1.492	1.429	1.320	1.228	1.110	0.9975	1.013
95.0	1.619	1.578	1.545	1.495	1.443	1.352	1.271	1.169	1.038	1.027
97.5	1.603	1.564	1.537	1.498	1.458	1.383	1.313	1.228	1.079	1.042
100.0	1.586	1.551	1.529	1.501	1.474	1.414	1.355	1.288	1.119	1.058
102.5	1.591	1.543	1.520	1.506	1.492	1.444	1.397	1.347	1.160	1.074
105.0	1.638	1.599	1.570	1.548	1.531	1.478	1.440	1.408	1.200	1.094
107.5	1.687	1.658	1.638	1.622	1.600	1.526	1.504	1.481	1.268	1.157
110.0	1.738	1.716	1.709	1.696	1.664	1.572	1.570	1.553	1.335	1.219
112.5	1.789	1.773	1.782	1.770	1.728	1.619	1.639	1.624	1.403	1.279
115.0	1.838	1.841	1.856	1.842	1.790	1.667	1.710	1.692	1.470	1.338
117.5	1.885	1.883	1.908	1.915	1.848	1.717	1.783	1.759	1.538	1.394
120.0	1.929	1.913	1.929	1.947	1.901	1.787	1.862	1.823	1.606	1.448
122.5	1.968	1.936	1.956	1.979	1.965	1.893	1.958	1.886	1.670	1.508
125.0	1.994	1.959	1.972	2.013	2.041	2.000	2.052	1.949	1.734	1.571
127.5	2.018	1.970	1.996	2.064	2.117	2.109	2.144	2.011	1.798	1.636
130.0	2.069	2.005	2.042	2.138	2.194	2.221	2.232	2.072	1.862	1.706
132.5	2.147	2.131	2.154	2.197	2.294	2.332	2.321	2.133	1.926	1.777
135.0	2.242	2.250	2.282	2.333	2.403	2.423	2.406	2.192	1.990	1.847
137.5	2.366	2.388	2.420	2.464	2.502	2.495	2.456	2.234	2.030	1.883
140.0	2.510	2.537	2.559	2.578	2.589	2.570	2.498	2.275	2.070	1.917
142.5	2.659	2.681	2.678	2.672	2.667	2.644	2.534	2.316	2.110	1.949
145.0	2.757	2.806	2.786	2.767	2.746	2.700	2.562	2.354	2.150	1.983
147.5	2.839	2.869	2.860	2.848	2.817	2.745	2.589	2.389	2.190	2.020
150.0	2.900	2.908	2.898	2.886	2.864	2.787	2.613	2.422	2.231	2.057
152.5	2.963	2.948	2.937	2.924	2.905	2.804	2.622	2.454	2.274	2.098
155.0	3.001	2.986	2.977	2.959	2.914	2.798	2.634	2.490	2.317	2.143
157.5	3.036	3.027	3.014	2.999	2.922	2.792	2.651	2.525	2.360	2.193
160.0	3.078	3.064	3.049	3.009	2.917	2.782	2.671	2.554	2.403	2.246
162.5	3.117	3.100	3.076	2.999	2.899	2.782	2.691	2.578	2.446	2.305
165.0	3.153	3.126	3.066	2.983	2.875	2.792	2.720	2.599	2.489	2.370
167.5	3.183	3.117	3.044	2.964	2.892	2.823	2.767	2.655	2.572	2.478
170.0	3.133	3.076	3.019	2.965	2.908	2.857	2.801	2.721	2.655	2.582
172.5	3.091	3.051	3.009	2.965	2.927	2.890	2.841	2.789	2.738	2.684
175.0	3.050	3.022	2.997	2.972	2.947	2.922	2.893	2.856	2.821	2.786
177.5	3.024	3.014	3.005	2.996	2.979	2.960	2.941	2.922	2.904	2.887
180.0	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	633.6	633.8	633.9	634.1	634.3	634.5	634.7	635.0	635.3	635.6
5.0	628.9	629.1	629.3	629.5	629.8	630.1	630.5	630.9	631.3	631.8
7.5	624.1	624.3	624.4	624.7	625.0	625.2	625.6	625.9	626.3	626.8
10.0	619.2	619.3	619.5	619.6	619.7	619.7	619.9	620.1	620.4	620.7
12.5	614.3	614.3	614.3	614.2	613.9	613.8	613.6	613.5	613.5	613.6
15.0	609.3	609.2	608.9	608.4	608.0	607.4	606.7	606.1	605.7	605.5
17.5	596.7	597.5	598.3	599.5	600.7	600.4	599.2	598.1	597.1	596.3
20.0	583.3	584.0	584.8	585.6	586.5	587.7	589.3	589.4	587.8	586.4
22.5	570.0	570.4	571.0	571.6	572.2	573.1	574.3	575.9	577.7	575.6
25.0	556.5	556.9	557.2	557.4	557.7	558.2	559.0	560.2	561.8	564.1
27.5	543.1	543.4	543.3	543.1	543.0	543.1	543.4	544.1	545.2	547.1
30.0	529.6	529.6	529.2	528.7	528.2	527.8	527.6	527.6	528.3	529.6
32.5	510.8	511.8	512.9	514.3	513.3	512.5	511.5	510.9	510.9	511.6
35.0	491.1	491.9	492.8	493.9	495.4	496.9	495.3	494.0	493.2	493.2
37.5	471.3	471.9	472.6	473.4	474.6	475.9	477.9	476.9	475.3	473.6
40.0	451.6	452.0	452.4	452.9	453.8	454.6	456.0	458.0	456.4	452.2
42.5	431.8	432.0	432.2	432.5	432.8	433.3	433.7	434.8	434.2	429.8
45.0	412.0	412.1	412.1	412.1	411.9	411.8	411.2	410.3	408.1	405.1
47.5	388.5	389.5	390.6	391.7	391.1	390.1	388.1	385.4	380.6	376.5
50.0	364.3	365.2	366.1	367.4	368.8	368.2	364.6	360.4	351.5	347.4
52.5	340.1	340.9	341.7	342.7	343.7	343.3	341.4	334.3	321.2	317.4
55.0	315.9	316.6	317.3	318.1	318.8	317.3	313.1	305.3	290.3	285.0
57.5	291.7	292.3	293.0	293.6	294.0	290.7	283.4	271.7	258.5	251.3
60.0	267.5	268.1	268.7	269.1	269.3	263.2	253.0	239.8	227.8	218.4
62.5	242.0	242.9	243.8	244.7	244.8	235.1	222.4	209.8	199.2	190.6
65.0	216.3	217.1	218.0	218.9	219.0	206.5	192.5	181.5	172.3	164.7
67.5	190.6	191.4	192.3	193.1	191.7	178.8	165.4	154.8	147.2	140.6
70.0	164.9	165.8	166.6	167.4	164.5	152.3	140.9	131.3	123.6	118.1
72.5	139.2	140.1	141.0	141.8	137.3	126.6	117.3	108.8	102.0	97.13
75.0	113.5	114.5	115.4	116.3	110.5	101.9	94.51	87.11	81.20	77.75
77.5	94.27	94.43	94.33	93.79	86.04	77.86	72.37	66.01	61.33	59.37
80.0	75.62	75.72	75.62	75.05	68.48	61.61	55.29	47.70	42.18	41.89
82.5	56.98	57.02	56.94	56.42	51.25	46.07	41.23	35.42	30.96	28.52
85.0	38.33	38.33	38.27	37.86	34.26	30.80	27.51	23.59	20.73	19.07
87.5	19.69	19.64	19.62	19.36	17.43	15.70	14.04	12.08	10.69	9.848
90.0	1.046	0.9524	0.9664	0.8767	0.6909	0.6863	0.6864	0.7190	0.7423	0.7423
92.5	1.067	0.9927	1.004	0.9286	0.7615	0.7499	0.7544	0.7939	0.8392	0.8691
95.0	1.088	1.033	1.041	0.9819	0.8330	0.8134	0.8222	0.8688	0.9358	0.9925
97.5	1.109	1.073	1.079	1.036	0.9056	0.8766	0.8896	0.9428	1.031	1.109
100.0	1.129	1.114	1.118	1.089	0.9792	0.9395	0.9565	1.016	1.127	1.240
102.5	1.149	1.154	1.157	1.141	1.054	1.004	1.036	1.116	1.243	1.385
105.0	1.172	1.199	1.207	1.205	1.147	1.100	1.139	1.224	1.353	1.525
107.5	1.225	1.264	1.276	1.278	1.244	1.195	1.240	1.319	1.457	1.656
110.0	1.279	1.329	1.344	1.349	1.337	1.290	1.339	1.419	1.566	1.675
112.5	1.332	1.393	1.413	1.420	1.426	1.383	1.435	1.508	1.573	1.648
115.0	1.387	1.457	1.483	1.495	1.512	1.489	1.501	1.527	1.573	1.636
117.5	1.441	1.522	1.551	1.570	1.576	1.566	1.537	1.560	1.591	1.629
120.0	1.494	1.576	1.597	1.598	1.608	1.627	1.578	1.594	1.613	1.628
122.5	1.533	1.611	1.629	1.626	1.639	1.657	1.637	1.631	1.636	1.604
125.0	1.573	1.643	1.661	1.655	1.670	1.688	1.685	1.666	1.641	1.588
127.5	1.612	1.669	1.694	1.686	1.700	1.719	1.735	1.664	1.628	1.591
130.0	1.652	1.689	1.730	1.717	1.733	1.737	1.726	1.691	1.614	1.588
132.5	1.693	1.710	1.766	1.750	1.749	1.728	1.712	1.691	1.624	1.574
135.0	1.733	1.739	1.790	1.775	1.755	1.724	1.699	1.684	1.649	1.574
137.5	1.771	1.760	1.809	1.802	1.760	1.730	1.690	1.672	1.655	1.583
140.0	1.810	1.785	1.822	1.824	1.773	1.764	1.698	1.661	1.650	1.599
142.5	1.852	1.811	1.833	1.844	1.807	1.778	1.709	1.672	1.669	1.622
145.0	1.908	1.839	1.849	1.861	1.861	1.786	1.770	1.701	1.673	1.682
147.5	1.966	1.869	1.867	1.877	1.867	1.796	1.784	1.745	1.702	1.685
150.0	2.017	1.916	1.872	1.872	1.849	1.830	1.767	1.784	1.737	1.710
152.5	2.025	1.943	1.882	1.884	1.833	1.820	1.787	1.753	1.784	1.749
155.0	2.040	1.965	1.897	1.883	1.861	1.806	1.791	1.757	1.738	1.786
157.5	2.064	1.993	1.925	1.889	1.893	1.818	1.779	1.763	1.736	1.710
160.0	2.098	2.018	1.957	1.909	1.892	1.889	1.799	1.762	1.753	1.734
162.5	2.144	2.050	1.997	1.939	1.908	1.905	1.911	1.855	1.784	1.769
165.0	2.225	2.118	2.063	2.049	2.013	1.988	1.971	1.961	1.935	1.983
167.5	2.369	2.274	2.222	2.198	2.190	2.143	2.100	2.072	2.048	2.028
170.0	2.501	2.430	2.380	2.352	2.337	2.345	2.325	2.287	2.246	2.212
172.5	2.629	2.574	2.536	2.509	2.494	2.487	2.488	2.498	2.514	2.519
175.0	2.752	2.718	2.686	2.660	2.648	2.640	2.637	2.638	2.642	2.649
177.5	2.870	2.855	2.840	2.826	2.814	2.802	2.793	2.784	2.778	2.776
180.0	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987	2.987

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

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

Photometric Data Table [cd]

G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	635.9	636.3	636.6	637.0	637.4	637.8	638.3	637.9	637.5	637.1
5.0	632.4	632.9	633.6	634.3	635.0	635.8	636.7	635.9	635.1	634.4
7.5	627.4	628.1	628.9	629.8	630.8	631.9	633.1	631.9	630.9	629.9
10.0	621.3	622.0	622.8	623.8	625.0	626.4	628.1	626.5	625.2	624.0
12.5	613.9	614.5	615.3	616.4	617.7	619.3	621.2	619.4	617.8	616.6
15.0	605.4	605.7	606.3	607.4	608.9	610.8	613.1	610.8	609.0	607.6
17.5	596.0	595.9	596.2	597.1	598.6	600.6	603.2	600.7	598.8	597.4
20.0	585.4	584.9	584.9	585.7	587.1	589.2	592.1	589.4	587.3	586.0
22.5	574.0	572.9	572.6	572.9	574.2	576.4	579.6	576.6	574.5	573.4
25.0	561.6	560.0	559.1	559.2	560.3	562.5	565.9	562.7	560.6	559.6
27.5	548.7	546.3	544.8	544.3	545.1	547.3	550.9	547.5	545.4	544.8
30.0	531.9	531.6	529.4	528.5	529.0	531.2	535.0	531.4	529.4	529.0
32.5	513.2	516.0	513.2	511.8	512.0	514.0	517.9	514.2	512.4	512.4
35.0	493.7	496.0	496.3	494.2	493.9	495.8	499.8	496.0	494.4	494.9
37.5	472.8	474.7	478.8	475.8	475.1	476.7	480.9	477.0	475.5	476.5
40.0	450.6	451.8	457.2	456.8	455.5	456.8	461.1	457.1	455.9	457.5
42.5	426.4	428.0	433.8	437.2	435.1	436.2	440.5	436.4	435.6	437.9
45.0	402.0	404.6	409.8	417.0	414.2	414.8	419.2	415.0	414.6	417.7
47.5	378.9	380.2	383.1	393.0	392.6	392.7	397.0	392.9	393.1	395.4
50.0	353.0	351.0	352.9	364.9	370.3	370.0	374.2	370.2	370.8	371.7
52.5	318.7	317.4	319.0	334.0	347.4	346.5	350.7	346.9	348.0	347.7
55.0	282.4	279.8	283.0	301.0	322.8	320.7	327.0	323.1	325.0	323.5
57.5	247.5	243.3	246.3	264.7	288.4	289.5	302.4	298.7	301.0	298.3
60.0	214.2	211.1	210.2	225.4	244.1	255.7	277.0	274.0	275.3	273.5
62.5	184.6	181.5	180.1	187.9	203.7	221.1	250.5	248.3	249.3	249.0
65.0	158.5	153.9	152.8	154.9	167.7	187.6	225.1	223.4	223.4	224.9
67.5	134.9	129.6	128.0	128.1	136.0	153.5	199.5	198.3	197.7	198.9
70.0	113.0	108.2	105.7	105.0	108.4	120.8	173.7	173.2	172.4	172.0
72.5	92.98	88.15	85.59	83.66	84.55	89.13	147.1	146.2	147.1	145.0
75.0	74.31	69.41	67.12	64.07	63.17	63.23	117.8	115.9	117.4	117.4
77.5	56.87	52.70	50.63	48.24	46.67	45.14	79.00	88.57	89.14	89.24
80.0	40.79	38.50	36.89	35.93	34.20	33.14	32.57	65.34	64.64	64.35
82.5	26.10	25.46	25.24	26.03	25.92	23.14	21.52	43.40	42.79	42.64
85.0	17.41	15.75	15.00	16.21	17.49	16.60	11.92	23.94	24.16	23.42
87.5	9.002	8.183	7.959	7.935	7.369	7.493	4.300	8.754	8.284	9.940
90.0	0.7423	0.7941	0.9846	0.8215	0.6672	0.4665	0.2096	0.1447	0.2005	0.2148
92.5	0.8986	0.9857	1.235	1.176	1.128	1.190	0.1214	0.1485	0.1642	0.1916
95.0	1.051	1.167	1.475	1.544	1.674	1.733	0.1445	0.1822	0.1536	0.1769
97.5	1.194	1.371	1.746	1.939	2.034	1.574	0.1517	0.1781	0.1941	0.1916
100.0	1.390	1.612	1.958	2.151	2.253	1.458	0.2333	0.2269	0.2490	0.2407
102.5	1.575	1.816	2.054	2.100	1.955	1.384	0.2334	0.2659	0.2765	0.2937
105.0	1.743	1.898	2.050	2.119	1.675	1.290	0.2893	0.3267	0.3109	0.3493
107.5	1.790	1.882	1.990	1.861	1.477	1.254	0.3335	0.3936	0.3865	0.3958
110.0	1.760	1.859	1.881	1.665	1.423	1.351	0.3780	0.4377	0.4223	0.4353
112.5	1.722	1.813	1.728	1.501	1.415	1.475	0.4551	0.4913	0.4915	0.4937
115.0	1.710	1.713	1.609	1.434	1.450	1.558	0.5086	0.5410	0.5544	0.5329
117.5	1.651	1.610	1.512	1.456	1.495	1.598	0.5669	0.5964	0.6133	0.6080
120.0	1.607	1.558	1.442	1.484	1.540	1.581	0.6160	0.6560	0.6843	0.6588
122.5	1.576	1.539	1.456	1.505	1.570	1.464	0.6815	0.7054	0.7455	0.7307
125.0	1.547	1.510	1.514	1.527	1.525	1.264	0.7376	0.7641	0.8002	0.7978
127.5	1.526	1.502	1.528	1.556	1.477	1.181	0.8050	0.8235	0.8476	0.8548
130.0	1.528	1.503	1.525	1.559	1.455	1.230	0.8634	0.8798	0.9041	0.9137
132.5	1.560	1.513	1.510	1.529	1.438	1.269	0.9148	0.9288	0.9545	0.9770
135.0	1.548	1.546	1.518	1.512	1.431	1.342	0.9663	0.9804	1.002	1.030
137.5	1.524	1.530	1.544	1.505	1.478	1.439	1.032	1.039	1.055	1.077
140.0	1.508	1.479	1.484	1.507	1.464	1.409	1.083	1.090	1.105	1.125
142.5	1.540	1.452	1.397	1.462	1.443	1.427	1.125	1.132	1.145	1.162
145.0	1.611	1.512	1.443	1.429	1.439	1.457	1.181	1.182	1.188	1.203
147.5	1.695	1.665	1.540	1.495	1.473	1.476	1.221	1.227	1.238	1.252
150.0	1.698	1.670	1.649	1.599	1.538	1.501	1.270	1.273	1.279	1.290
152.5	1.710	1.638	1.578	1.528	1.484	1.463	1.307	1.311	1.320	1.328
155.0	1.730	1.651	1.573	1.493	1.428	1.365	1.344	1.348	1.354	1.364
157.5	1.701	1.685	1.638	1.572	1.509	1.451	1.403	1.402	1.404	1.405
160.0	1.700	1.657	1.633	1.606	1.571	1.532	1.419	1.421	1.424	1.430
162.5	1.751	1.732	1.706	1.677	1.647	1.620	1.463	1.464	1.468	1.472
165.0	1.822	1.803	1.787	1.774	1.762	1.754	1.489	1.489	1.490	1.493
167.5	2.012	1.986	1.958	1.934	1.919	1.913	1.508	1.508	1.509	1.511
170.0	2.192	2.175	2.164	2.157	2.154	2.158	1.550	1.548	1.547	1.548
172.5	2.502	2.490	2.483	2.478	2.480	2.490	1.566	1.565	1.565	1.566
175.0	2.661	2.674	2.690	2.707	2.726	2.747	1.573	1.573	1.573	1.573
177.5	2.779	2.784	2.789	2.796	2.803	2.811	1.590	1.589	1.588	1.588
180.0	2.987	2.987	2.987	2.987	2.987	2.987	1.592	1.592	1.592	1.592

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	636.7	636.3	636.0	635.7	635.4	635.1	634.9	634.7	634.5	634.3
5.0	633.7	633.1	632.5	632.1	631.6	631.1	630.8	630.4	630.1	629.9
7.5	629.1	628.3	627.7	627.1	626.7	626.3	626.0	625.7	625.5	625.2
10.0	623.0	622.3	621.6	621.2	620.8	620.6	620.4	620.4	620.4	620.3
12.5	615.6	614.9	614.4	614.1	614.1	614.2	614.4	614.5	614.8	615.0
15.0	606.7	606.1	606.0	606.1	606.4	606.9	607.5	608.2	608.9	609.5
17.5	596.6	596.4	596.5	597.0	597.9	599.0	600.2	601.4	601.8	600.6
20.0	585.5	585.5	586.1	587.2	588.6	590.4	590.4	589.0	587.8	586.9
22.5	573.1	573.6	574.8	576.5	578.7	577.0	575.5	574.5	573.7	573.1
25.0	559.8	560.8	562.5	565.1	563.0	561.4	560.3	559.7	559.3	559.1
27.5	545.4	547.1	549.7	548.2	546.5	545.5	544.8	544.7	544.7	545.0
30.0	530.1	532.4	532.9	530.8	529.6	529.1	529.2	529.5	530.0	530.7
32.5	514.1	517.0	514.3	512.9	512.4	512.5	513.3	514.1	515.3	516.4
35.0	497.2	497.5	495.3	494.5	494.8	495.7	497.2	498.9	497.4	496.1
37.5	479.6	477.3	476.1	476.0	477.0	478.8	479.9	478.1	476.7	475.8
40.0	459.2	456.8	456.3	457.2	459.0	460.1	458.2	456.9	456.1	455.5
42.5	437.5	435.9	436.3	438.2	439.9	437.7	436.4	435.7	435.4	435.1
45.0	415.4	414.8	416.2	419.1	416.8	415.3	414.6	414.4	414.6	414.8
47.5	393.0	393.3	395.9	395.5	393.7	392.9	392.9	393.3	393.9	394.6
50.0	370.2	371.8	373.9	371.5	370.5	370.6	371.2	372.2	371.7	370.5
52.5	347.4	350.0	349.0	347.6	347.5	348.4	349.6	348.1	346.9	345.9
55.0	324.3	326.4	324.1	323.7	324.6	325.8	324.2	323.0	322.1	321.5
57.5	301.3	300.6	299.5	300.1	301.6	299.9	298.7	298.0	297.5	297.0
60.0	276.0	275.0	275.0	276.7	275.2	274.1	273.6	273.1	272.9	272.7
62.5	249.3	249.4	250.9	250.2	249.2	248.7	248.5	248.5	248.5	248.4
65.0	223.4	224.3	225.1	223.9	223.5	223.5	223.7	223.8	223.2	222.5
67.5	198.0	199.9	198.5	198.1	198.3	198.7	198.4	197.9	197.4	196.8
70.0	173.3	172.7	172.6	172.8	173.1	172.6	172.6	172.2	171.7	171.1
72.5	146.9	145.8	147.5	147.1	146.1	146.4	147.1	146.7	146.2	145.5
75.0	117.9	119.1	121.1	119.5	119.4	120.4	121.7	121.3	120.7	120.1
77.5	90.76	92.08	93.17	91.81	92.96	94.42	96.52	96.18	96.73	97.33
80.0	65.57	66.30	66.20	64.43	66.86	70.80	75.19	76.59	77.31	77.83
82.5	42.81	42.13	40.77	43.24	49.14	52.72	56.19	57.39	57.96	58.38
85.0	22.73	24.96	26.93	28.57	32.61	35.00	37.40	38.27	38.67	38.96
87.5	11.30	12.45	13.46	14.28	16.32	17.52	18.75	19.21	19.41	19.56
90.0	0.2428	0.1827	0.1727	0.1728	0.1728	0.1728	0.1728	0.1728	0.1728	0.1728
92.5	0.2155	0.1893	0.1870	0.1917	0.1946	0.1960	0.2002	0.2013	0.2033	0.2045
95.0	0.1854	0.1975	0.2029	0.2105	0.2168	0.2203	0.2279	0.2300	0.2340	0.2362
97.5	0.2041	0.2190	0.2218	0.2291	0.2397	0.2465	0.2559	0.2590	0.2650	0.2679
100.0	0.2261	0.2544	0.2509	0.2579	0.2657	0.2756	0.2846	0.2885	0.2963	0.2995
102.5	0.2702	0.2858	0.2854	0.2960	0.3116	0.3151	0.3201	0.3198	0.3282	0.3310
105.0	0.3394	0.3288	0.3389	0.3356	0.3577	0.3587	0.3660	0.3750	0.3743	0.3751
107.5	0.4052	0.3877	0.3978	0.3768	0.4024	0.4123	0.4113	0.4318	0.4234	0.4312
110.0	0.4641	0.4575	0.4538	0.4436	0.4425	0.4727	0.4558	0.4873	0.4720	0.4875
112.5	0.5008	0.5357	0.5184	0.5249	0.5030	0.5289	0.5024	0.5402	0.5241	0.5436
115.0	0.5544	0.5796	0.5849	0.5883	0.5682	0.5837	0.5624	0.5912	0.5771	0.5983
117.5	0.6052	0.6265	0.6531	0.6590	0.6403	0.6429	0.6397	0.6485	0.6358	0.6511
120.0	0.6636	0.6913	0.6973	0.7225	0.7197	0.7082	0.7185	0.7091	0.7052	0.7156
122.5	0.7336	0.7316	0.7565	0.7629	0.7812	0.7760	0.7812	0.7697	0.7776	0.7794
125.0	0.7869	0.7982	0.7935	0.8150	0.8312	0.8467	0.8440	0.8365	0.8448	0.8430
127.5	0.8468	0.8294	0.8545	0.8667	0.8766	0.8960	0.9111	0.9046	0.9069	0.9054
130.0	0.8969	0.9108	0.8994	0.9168	0.9485	0.9380	0.9557	0.9608	0.9714	0.9660
132.5	0.9674	0.9534	0.9713	0.9579	0.9904	0.9870	0.9972	1.0015	1.0022	1.0027
135.0	1.0021	1.0023	1.0008	1.0052	1.0025	1.0047	1.0037	1.0060	1.0061	1.0078
137.5	1.0083	1.0069	1.0090	1.0078	1.0078	1.0081	1.0085	1.0098	1.105	1.124
140.0	1.135	1.133	1.127	1.119	1.134	1.117	1.148	1.138	1.157	1.164
142.5	1.183	1.181	1.172	1.182	1.168	1.179	1.184	1.177	1.211	1.200
145.0	1.227	1.233	1.232	1.221	1.215	1.234	1.220	1.237	1.251	1.240
147.5	1.268	1.290	1.275	1.269	1.278	1.266	1.263	1.298	1.285	1.283
150.0	1.302	1.315	1.331	1.326	1.314	1.310	1.324	1.328	1.320	1.325
152.5	1.342	1.356	1.372	1.364	1.361	1.363	1.369	1.363	1.361	1.374
155.0	1.376	1.387	1.399	1.416	1.409	1.410	1.407	1.404	1.405	1.421
157.5	1.407	1.416	1.427	1.439	1.452	1.451	1.449	1.446	1.450	1.463
160.0	1.436	1.444	1.457	1.467	1.475	1.490	1.490	1.490	1.491	1.496
162.5	1.475	1.478	1.480	1.490	1.495	1.505	1.513	1.519	1.530	1.531
165.0	1.497	1.498	1.499	1.507	1.514	1.521	1.530	1.538	1.545	1.557
167.5	1.514	1.518	1.524	1.531	1.538	1.543	1.544	1.553	1.560	1.562
170.0	1.549	1.551	1.550	1.550	1.553	1.559	1.562	1.564	1.565	1.566
172.5	1.568	1.567	1.566	1.566	1.566	1.567	1.568	1.569	1.572	1.576
175.0	1.573	1.573	1.573	1.574	1.576	1.578	1.581	1.582	1.581	1.579
177.5	1.587	1.586	1.586	1.585	1.585	1.585	1.585	1.585	1.586	1.586
180.0	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	634.1	634.0	633.8	633.7	633.7	633.6	633.6	633.6	633.6	633.7
5.0	629.6	629.4	629.3	629.1	629.0	628.9	628.8	628.7	628.7	628.7
7.5	625.0	624.8	624.6	624.5	624.3	624.1	623.9	623.8	623.6	623.5
10.0	620.2	620.1	619.9	619.8	619.6	619.4	619.1	618.7	618.4	618.0
12.5	615.2	615.3	615.2	615.1	614.9	614.6	614.2	613.6	613.0	612.4
15.0	610.0	610.3	610.4	610.4	610.3	609.8	609.2	608.4	607.6	606.6
17.5	599.6	598.8	598.1	597.4	597.1	596.7	596.6	596.6	596.9	597.2
20.0	586.1	585.5	584.9	584.3	583.9	583.5	583.1	583.0	583.0	583.0
22.5	572.6	572.1	571.7	571.1	570.7	570.2	569.7	569.4	569.0	568.6
25.0	558.9	558.7	558.4	557.9	557.5	556.9	556.3	555.7	554.9	554.1
27.5	545.1	545.2	545.1	544.8	544.3	543.6	542.8	541.9	540.7	539.4
30.0	531.3	531.7	531.9	531.6	531.1	530.3	529.4	528.1	526.5	524.8
32.5	515.2	514.1	513.2	512.3	511.6	511.0	510.6	510.3	509.9	509.9
35.0	495.2	494.3	493.6	492.9	492.1	491.4	490.9	490.3	489.7	489.3
37.5	475.1	474.5	474.0	473.4	472.6	471.9	471.2	470.4	469.5	468.7
40.0	455.0	454.7	454.4	453.8	453.1	452.4	451.5	450.4	449.2	448.1
42.5	435.0	434.9	434.8	434.3	433.6	432.8	431.8	430.5	429.0	427.6
45.0	415.0	415.1	415.2	414.8	414.1	413.3	412.2	410.6	408.8	407.1
47.5	393.7	392.7	391.8	391.0	390.1	389.4	388.7	388.0	387.5	386.7
50.0	369.4	368.4	367.7	366.9	366.0	365.3	364.4	363.5	362.8	362.2
52.5	345.1	344.3	343.6	342.9	342.0	341.2	340.2	339.1	338.2	337.2
55.0	320.8	320.1	319.6	318.9	318.0	317.1	316.0	314.7	313.5	312.4
57.5	296.5	296.0	295.5	294.9	293.9	293.0	291.8	290.4	289.0	287.6
60.0	272.4	272.0	271.5	270.8	269.9	268.9	267.6	266.1	264.5	262.9
62.5	247.6	246.8	246.1	245.2	244.3	243.3	242.2	240.8	239.5	238.3
65.0	221.9	221.1	220.4	219.6	218.6	217.7	216.5	215.1	213.8	212.5
67.5	196.1	195.5	194.7	193.9	193.0	192.0	190.8	189.4	188.1	186.8
70.0	170.5	169.8	169.1	168.3	167.4	166.4	165.1	163.8	162.5	161.2
72.5	144.9	144.2	143.5	142.7	141.7	140.7	139.5	138.2	137.0	135.8
75.0	119.3	118.6	117.9	117.0	116.1	115.1	113.9	112.7	111.5	110.5
77.5	97.71	97.89	97.86	97.51	96.79	95.86	94.47	92.78	90.83	88.61
80.0	78.17	78.33	78.40	78.14	77.47	76.79	75.65	74.27	72.67	70.84
82.5	58.65	58.78	58.94	58.77	58.15	57.72	56.84	55.79	54.56	53.17
85.0	39.15	39.24	39.49	39.40	38.83	38.67	38.05	37.33	36.50	35.56
87.5	19.66	19.71	20.04	20.03	19.51	19.61	19.27	18.90	18.47	17.99
90.0	0.1728	0.1820	0.5830	0.6580	0.1969	0.5557	0.4902	0.4716	0.4576	0.4482
92.5	0.2067	0.2144	0.5491	0.6128	0.2286	0.5276	0.4729	0.4571	0.4420	0.4275
95.0	0.2406	0.2470	0.5154	0.5676	0.2604	0.4997	0.4556	0.4427	0.4269	0.4069
97.5	0.2745	0.2795	0.4816	0.5224	0.2922	0.4717	0.4383	0.4283	0.4124	0.3864
100.0	0.3083	0.3119	0.4478	0.4772	0.3239	0.4436	0.4209	0.4139	0.3985	0.3659
102.5	0.3421	0.3437	0.4139	0.4310	0.3557	0.4154	0.4035	0.3993	0.3855	0.3454
105.0	0.3824	0.3792	0.3881	0.3888	0.3875	0.3888	0.3929	0.3996	0.3998	0.3727
107.5	0.4348	0.4325	0.4488	0.4481	0.4489	0.4497	0.4552	0.4616	0.4640	0.4499
110.0	0.4871	0.4863	0.5094	0.5074	0.5104	0.5106	0.5174	0.5243	0.5266	0.5100
112.5	0.5392	0.5415	0.5700	0.5667	0.5719	0.5714	0.5795	0.5864	0.5895	0.5802
115.0	0.5910	0.5974	0.6306	0.6260	0.6333	0.6323	0.6416	0.6474	0.6529	0.6486
117.5	0.6456	0.6533	0.6911	0.6852	0.6948	0.6931	0.7037	0.7079	0.7139	0.7158
120.0	0.7083	0.7148	0.7507	0.7444	0.7563	0.7536	0.7640	0.7650	0.7708	0.7682
122.5	0.7745	0.7904	0.8063	0.7997	0.8092	0.8074	0.8159	0.8183	0.8251	0.8191
125.0	0.8398	0.8616	0.8619	0.8550	0.8621	0.8612	0.8685	0.8711	0.8792	0.8818
127.5	0.9050	0.9260	0.9174	0.9104	0.9150	0.9149	0.9215	0.9231	0.9335	0.9467
130.0	0.9688	0.9845	0.9728	0.9659	0.9679	0.9687	0.9744	0.9744	0.9874	1.007
132.5	1.036	1.041	1.028	1.021	1.021	1.022	1.028	1.025	1.040	1.061
135.0	1.085	1.091	1.082	1.076	1.074	1.076	1.082	1.075	1.091	1.107
137.5	1.129	1.136	1.129	1.122	1.120	1.122	1.128	1.125	1.141	1.155
140.0	1.169	1.184	1.175	1.169	1.167	1.169	1.173	1.175	1.189	1.203
142.5	1.208	1.234	1.222	1.216	1.214	1.216	1.220	1.225	1.238	1.252
145.0	1.257	1.280	1.268	1.262	1.260	1.262	1.267	1.275	1.287	1.310
147.5	1.312	1.324	1.315	1.309	1.307	1.309	1.314	1.323	1.336	1.354
150.0	1.364	1.364	1.359	1.355	1.354	1.355	1.359	1.363	1.369	1.375
152.5	1.402	1.396	1.393	1.389	1.387	1.388	1.391	1.391	1.396	1.399
155.0	1.431	1.431	1.427	1.423	1.421	1.422	1.423	1.421	1.421	1.424
157.5	1.462	1.466	1.461	1.457	1.454	1.455	1.456	1.453	1.449	1.454
160.0	1.499	1.499	1.495	1.491	1.488	1.489	1.490	1.489	1.480	1.479
162.5	1.539	1.533	1.528	1.524	1.521	1.522	1.524	1.523	1.515	1.509
165.0	1.560	1.560	1.560	1.556	1.555	1.555	1.555	1.552	1.547	1.535
167.5	1.563	1.565	1.564	1.561	1.561	1.562	1.562	1.562	1.559	1.555
170.0	1.569	1.570	1.568	1.567	1.567	1.570	1.569	1.569	1.569	1.568
172.5	1.575	1.574	1.573	1.573	1.573	1.576	1.578	1.576	1.577	1.577
175.0	1.579	1.579	1.580	1.579	1.579	1.582	1.585	1.585	1.584	1.584
177.5	1.586	1.586	1.586	1.586	1.586	1.587	1.589	1.591	1.593	1.594
180.0	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592

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	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4	638.4
2.5	633.7	633.8	634.0	634.1	634.3	634.5	634.8	635.0	635.3	635.7
5.0	628.7	628.9	629.0	629.2	629.4	629.7	630.1	630.5	631.0	631.6
7.5	623.4	623.3	623.4	623.5	623.6	623.9	624.2	624.7	625.3	626.0
10.0	617.8	617.5	617.2	617.1	616.9	617.0	617.1	617.5	618.0	618.8
12.5	611.8	611.1	610.4	609.7	609.2	608.9	608.7	608.9	609.3	610.0
15.0	605.4	604.1	602.9	601.7	600.7	599.9	599.3	599.1	599.4	600.0
17.5	597.7	596.8	594.8	593.1	591.4	590.0	589.1	588.4	588.2	588.8
20.0	583.2	583.6	584.4	583.8	581.4	579.4	577.7	576.4	575.8	576.0
22.5	568.4	568.4	568.8	569.7	570.8	567.8	565.4	563.6	562.5	562.3
25.0	553.5	552.9	552.8	553.2	554.0	555.7	552.5	549.9	548.1	547.5
27.5	538.2	537.2	536.6	536.3	536.7	537.9	538.7	535.3	532.9	531.7
30.0	523.0	521.4	520.0	519.2	518.9	519.4	521.0	520.0	516.8	514.9
32.5	507.5	505.5	503.3	501.7	500.7	500.5	501.5	503.7	500.0	497.5
35.0	489.3	489.3	486.4	484.0	482.2	481.4	481.6	483.3	482.4	479.2
37.5	468.3	468.1	468.4	466.2	463.6	461.9	461.3	462.2	464.2	460.1
40.0	447.2	446.5	446.3	446.8	444.7	442.1	440.6	440.7	442.8	440.4
42.5	426.2	425.0	424.2	424.0	424.8	422.2	419.7	418.9	420.3	420.2
45.0	405.2	403.5	402.1	401.3	401.3	402.2	398.6	396.8	397.4	399.4
47.5	384.3	382.1	380.1	378.6	377.8	378.2	377.5	374.6	374.1	376.5
50.0	362.0	360.9	358.3	356.0	354.4	354.0	354.7	352.2	350.4	352.0
52.5	336.7	336.3	336.6	333.6	331.1	329.5	329.1	329.5	326.7	327.1
55.0	311.4	310.7	310.5	310.9	308.2	304.5	303.9	305.2	302.8	302.1
57.5	286.3	285.2	284.6	284.4	284.8	280.5	278.8	278.9	279.1	276.9
60.0	261.4	260.0	258.9	258.1	256.9	256.8	254.0	253.0	254.3	251.0
62.5	236.6	234.9	233.4	232.3	230.4	230.2	229.7	227.4	227.3	226.1
65.0	211.2	209.9	208.2	206.6	204.7	203.9	203.8	202.4	201.0	201.6
67.5	185.5	184.2	182.8	181.3	179.4	178.0	177.3	177.6	175.3	175.6
70.0	160.0	158.6	157.3	156.0	154.5	152.8	151.5	151.0	150.6	149.0
72.5	134.6	133.4	132.2	130.9	129.5	128.0	126.5	125.4	125.3	123.6
75.0	109.4	108.4	107.3	106.2	105.1	103.8	102.3	100.8	100.1	99.98
77.5	86.05	83.59	82.81	82.00	81.17	80.25	79.12	77.70	76.41	76.01
80.0	68.75	66.39	63.64	60.50	57.71	57.33	56.76	55.92	54.56	53.52
82.5	51.56	49.74	47.61	45.18	42.40	39.26	35.63	35.18	34.67	33.56
85.0	34.47	33.22	31.77	30.11	28.20	26.03	23.50	20.54	16.91	16.21
87.5	17.44	16.80	16.06	15.20	14.22	13.11	11.81	10.26	8.353	5.877
90.0	0.4389	0.4249	0.4062	0.3875	0.3689	0.3548	0.3315	0.3128	0.2941	0.2661
92.5	0.4163	0.3983	0.3810	0.3614	0.3353	0.3166	0.2957	0.2779	0.2602	0.2390
95.0	0.3939	0.3723	0.3560	0.3358	0.3025	0.2786	0.2604	0.2436	0.2271	0.2311
97.5	0.3715	0.3472	0.3310	0.3110	0.2706	0.2417	0.2259	0.2435	0.2560	0.2621
100.0	0.3492	0.3235	0.3058	0.2869	0.2489	0.2580	0.2770	0.2922	0.2988	0.2808
102.5	0.3271	0.3061	0.3137	0.3269	0.3192	0.3259	0.3381	0.3477	0.3400	0.3139
105.0	0.3748	0.3735	0.3817	0.3935	0.3924	0.3920	0.4056	0.3938	0.3822	0.3793
107.5	0.4437	0.4418	0.4505	0.4590	0.4627	0.4583	0.4600	0.4531	0.4242	0.4268
110.0	0.5137	0.5139	0.5191	0.5259	0.5282	0.5187	0.5072	0.4915	0.4801	0.5033
112.5	0.5850	0.5851	0.5903	0.5945	0.5887	0.5720	0.5610	0.5536	0.5645	0.5694
115.0	0.6571	0.6565	0.6551	0.6436	0.6384	0.6314	0.6301	0.6196	0.6249	0.6368
117.5	0.7153	0.7105	0.7097	0.6980	0.6903	0.7080	0.6827	0.6833	0.6992	0.6904
120.0	0.7646	0.7637	0.7628	0.7530	0.7526	0.7588	0.7433	0.7591	0.7723	0.7449
122.5	0.8157	0.8245	0.8121	0.8155	0.8039	0.8054	0.8287	0.8238	0.8277	0.8038
125.0	0.8649	0.8869	0.8606	0.8893	0.8590	0.8741	0.8862	0.8958	0.8766	0.8624
127.5	0.9143	0.9334	0.9112	0.9353	0.9244	0.9366	0.9481	0.9523	0.9278	0.9100
130.0	0.9664	0.9792	0.9817	0.9829	1.005	0.9918	1.016	1.002	0.9993	0.9604
132.5	1.022	1.027	1.052	1.038	1.059	1.060	1.061	1.052	1.034	1.050
135.0	1.086	1.083	1.100	1.095	1.113	1.125	1.105	1.086	1.087	1.072
137.5	1.160	1.142	1.153	1.166	1.170	1.167	1.150	1.139	1.126	1.126
140.0	1.210	1.201	1.207	1.220	1.212	1.201	1.196	1.182	1.178	1.187
142.5	1.260	1.260	1.270	1.261	1.251	1.235	1.230	1.232	1.219	1.232
145.0	1.314	1.311	1.307	1.303	1.287	1.278	1.268	1.265	1.274	1.283
147.5	1.352	1.342	1.335	1.337	1.336	1.315	1.310	1.312	1.310	1.320
150.0	1.382	1.378	1.364	1.363	1.371	1.379	1.355	1.346	1.354	1.366
152.5	1.405	1.407	1.400	1.391	1.393	1.405	1.421	1.410	1.402	1.404
155.0	1.426	1.435	1.437	1.427	1.421	1.426	1.436	1.449	1.456	1.461
157.5	1.453	1.453	1.462	1.469	1.461	1.454	1.462	1.474	1.486	1.499
160.0	1.480	1.480	1.481	1.489	1.496	1.496	1.492	1.495	1.506	1.519
162.5	1.513	1.507	1.507	1.505	1.511	1.519	1.525	1.530	1.532	1.537
165.0	1.528	1.529	1.529	1.528	1.530	1.533	1.540	1.548	1.557	1.564
167.5	1.548	1.544	1.543	1.549	1.549	1.551	1.556	1.561	1.566	1.573
170.0	1.567	1.563	1.561	1.561	1.562	1.565	1.569	1.574	1.577	1.581
172.5	1.577	1.577	1.577	1.577	1.577	1.577	1.579	1.581	1.584	1.587
175.0	1.584	1.585	1.586	1.586	1.587	1.588	1.588	1.590	1.591	1.592
177.5	1.593	1.593	1.593	1.593	1.592	1.593	1.593	1.594	1.594	1.595
180.0	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592	1.592

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

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

Photometric Data Table [cd]

G/C	350.0	355.0
0.0	638.4	638.4
2.5	636.0	636.4
5.0	632.3	633.0
7.5	626.9	627.9
10.0	619.8	621.0
12.5	611.1	612.5
15.0	601.2	602.8
17.5	589.7	591.3
20.0	576.9	578.6
22.5	563.0	564.6
25.0	547.9	549.5
27.5	531.8	533.3
30.0	514.6	516.1
32.5	496.7	497.8
35.0	477.8	478.7
37.5	458.2	458.7
40.0	437.9	438.0
42.5	416.9	416.7
45.0	395.3	394.5
47.5	373.0	371.7
50.0	350.3	348.4
52.5	327.2	324.6
55.0	303.9	300.3
57.5	278.5	274.6
60.0	251.5	249.4
62.5	225.3	224.1
65.0	199.3	198.7
67.5	173.5	173.4
70.0	147.6	148.4
72.5	122.8	123.5
75.0	98.20	98.05
77.5	74.62	74.03
80.0	53.48	51.92
82.5	32.86	31.90
85.0	15.46	15.13
87.5	2.379	2.175
90.0	0.2474	0.2335
92.5	0.2035	0.2091
95.0	0.2313	0.2012
97.5	0.2384	0.2517
100.0	0.2477	0.2767
102.5	0.3230	0.3037
105.0	0.3835	0.3755
107.5	0.4411	0.3945
110.0	0.5016	0.4548
112.5	0.5488	0.5393
115.0	0.6002	0.5931
117.5	0.6758	0.6895
120.0	0.7213	0.7356
122.5	0.8057	0.7993
125.0	0.8424	0.8662
127.5	0.9101	0.9316
130.0	0.9709	0.9866
132.5	1.038	1.041
135.0	1.092	1.109
137.5	1.148	1.165
140.0	1.195	1.213
142.5	1.242	1.262
145.0	1.293	1.310
147.5	1.336	1.355
150.0	1.377	1.393
152.5	1.411	1.427
155.0	1.469	1.484
157.5	1.511	1.522
160.0	1.535	1.552
162.5	1.545	1.556
165.0	1.571	1.579
167.5	1.581	1.588
170.0	1.586	1.591
172.5	1.590	1.593
175.0	1.594	1.595
177.5	1.595	1.596
180.0	1.592	1.592

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: