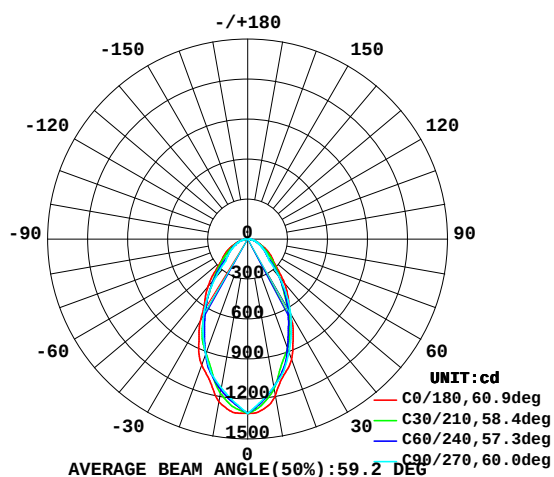


LUMINAIRE PHOTOMETRIC TEST REPORT

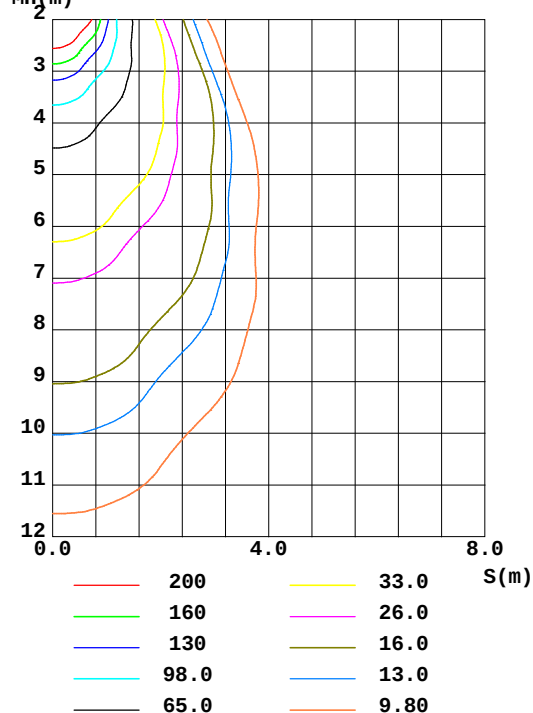
Test:U:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.50 lm/W			
EB1	MODEL	I _{max} (cd)	1308	S/MH(C0/180)	0.93
	NOMINAL POWER(W)	LOR(%)	100.0	S/MH(C90/270)	0.86
	RATED VOLTAGE(V)	TOTAL FLUX(lm)	1642.6	η UP, DN(C0-180)	0.3,49.1
	NOMINAL FLUX(lm)	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.4
	LAMPS INSIDE	η up(%)	0.5	CIBSE SHR NOM	0.75
	TEST VOLTAGE(V)	η down(%)	99.5	CIBSE SHR MAX	0.95

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



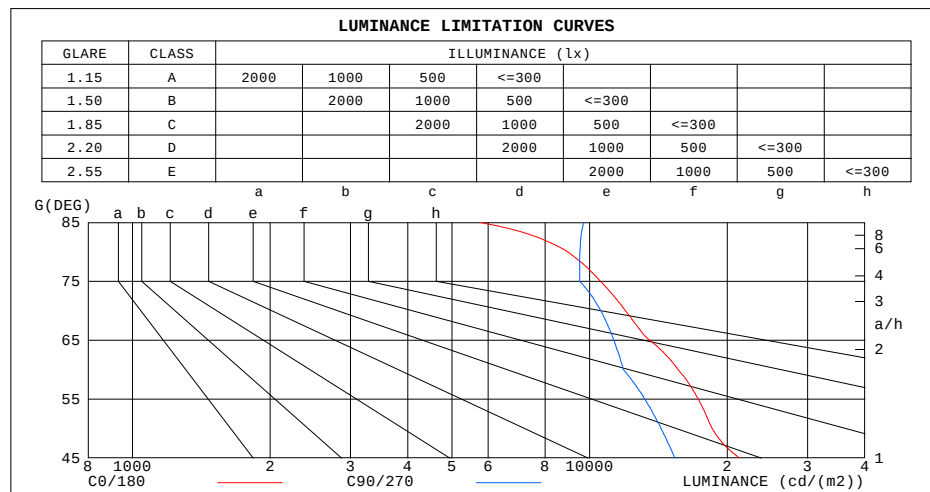
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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	1285	1235	1217	1243	1304	1247	1222	1238	0- 5	30.33	30.33	1.85, 1.85
10	1193	1132	1126	1151	1241	1159	1135	1139	5- 10	85.69	116.0	7.06, 7.06
15	1056	989.5	1036	1037	1101	1046	1049	1002	10- 15	129.3	245.3	14.9, 14.9
20	963.3	860.2	905.5	895.1	1008	907.7	920.4	874.5	15- 20	159.7	405.0	24.7, 24.7
25	807.7	740.2	775.4	771.2	869.1	781.3	792.3	753.7	20- 25	176.9	581.8	35.4, 35.4
30	635.1	599.0	645.3	640.2	714.8	649.1	664.1	612.7	25- 30	178.2	760.0	46.3, 46.3
35	528.9	469.7	506.2	495.7	561.9	505.2	520.3	475.3	30- 35	166.1	926.2	56.4, 56.4
40	429.0	362.2	367.1	383.0	463.3	393.7	376.5	367.2	35- 40	148.0	1074	65.4, 65.4
45	315.4	280.6	228.1	295.6	351.2	302.5	232.7	285.1	40- 45	124.6	1199	73, 73
50	250.4	215.1	193.6	221.3	263.7	229.5	197.4	218.4	45- 50	100.9	1300	79.1, 79.1
55	208.4	160.9	159.1	158.0	218.6	170.3	162.1	163.1	50- 55	85.71	1385	84.3, 84.3
60	164.1	130.7	124.6	120.9	177.0	139.1	126.8	132.5	55- 60	72.30	1458	88.7, 88.7
65	120.0	101.6	100.3	88.24	135.0	108.9	102.3	103.2	60- 65	58.67	1516	92.3, 92.3
70	86.02	75.74	76.00	62.25	96.92	81.82	77.66	76.99	65- 70	45.92	1562	95.1, 95.1
75	57.46	52.97	51.71	41.87	63.77	57.44	53.07	53.94	70- 75	33.83	1596	97.2, 97.2
80	32.66	31.79	34.74	23.45	18.15	34.12	35.41	32.40	75- 80	22.29	1618	98.5, 98.5
85	10.54	16.47	17.77	11.66	6.918	16.90	17.75	16.23	80- 85	12.51	1631	99.3, 99.3
90	0.2287	1.354	0.7936	0.4575	0.1549	0.0934	0.0843	0.2754	85- 90	4.068	1635	99.5, 99.5
95	0.7469	1.369	0.8715	0.5563	0.0934	0.1212	0.1076	0.2206	90- 95	0.3162	1635	99.6, 99.6
100	0.7658	1.381	0.9495	0.6498	0.1211	0.1570	0.1308	0.1665	95-100	0.3423	1636	99.6, 99.6
105	0.8779	1.471	1.027	0.7553	0.1587	0.1954	0.1541	0.2156	100-105	0.3627	1636	99.6, 99.6
110	1.032	1.571	1.128	0.8808	0.2333	0.2484	0.2272	0.2882	105-110	0.3881	1636	99.6, 99.6
115	1.205	1.669	1.229	1.013	0.3127	0.3507	0.3003	0.3702	110-115	0.4165	1637	99.6, 99.6
120	1.410	1.762	1.330	1.149	0.4569	0.4500	0.3735	0.4489	115-120	0.4424	1637	99.7, 99.7
125	1.644	1.853	1.464	1.364	0.5367	0.5584	0.5524	0.5514	120-125	0.4698	1638	99.7, 99.7
130	1.887	2.005	1.598	1.485	0.6815	0.6998	0.7313	0.7393	125-130	0.4974	1638	99.7, 99.7
135	2.190	2.217	1.732	1.538	0.8401	0.8815	0.9103	0.9480	130-135	0.5257	1639	99.8, 99.8
140	2.531	2.527	1.945	1.684	1.045	1.080	1.173	1.193	135-140	0.5572	1639	99.8, 99.8
145	2.895	2.947	2.158	1.826	1.270	1.314	1.436	1.449	140-145	0.5785	1640	99.8, 99.8
150	3.283	3.371	2.370	1.876	1.508	1.593	1.699	1.726	145-150	0.5827	1640	99.9, 99.9
155	3.483	3.774	2.710	2.003	1.797	1.894	1.979	2.020	150-155	0.5655	1641	99.9, 99.9
160	3.660	4.090	3.050	2.161	2.081	2.183	2.259	2.308	155-160	0.5212	1642	99.9, 99.9
165	3.744	3.900	3.389	2.467	2.306	2.367	2.540	2.487	160-165	0.4464	1642	100, 100
170	3.809	3.765	3.438	2.933	2.535	2.564	2.627	2.648	165-170	0.3444	1642	100, 100
175	3.743	3.621	3.486	3.322	2.703	2.686	2.714	2.757	170-175	0.2185	1643	100, 100
180	3.534	3.534	3.534	3.534	2.801	2.801	2.801	2.801	175-180	0.0750	1643	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5760	9707
80	8957	9526
75	10571	9514
70	11976	10581
65	13520	11300
60	15630	11865
55	17302	13207
50	18549	14341
45	21239	15360

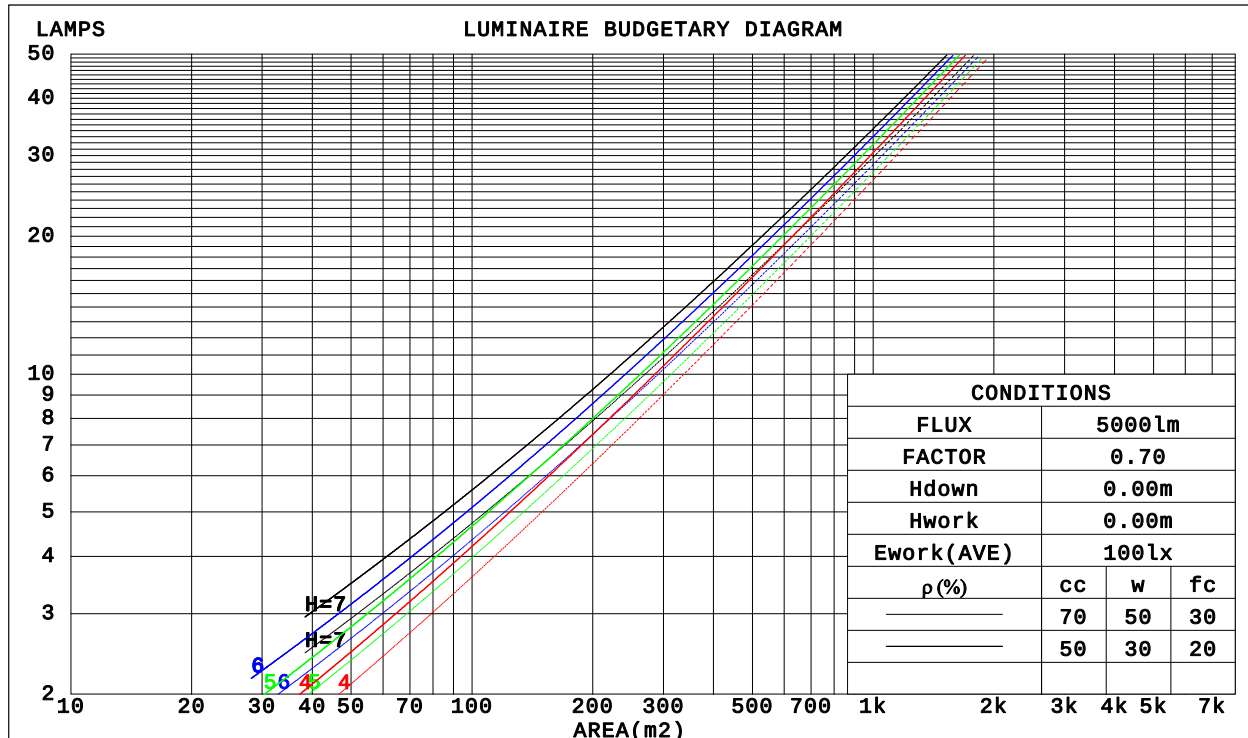
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.91	.90	.88
2.0	.96	.91	.86	.94	.89	.85	.91	.87	.83	.88	.84	.81	.85	.82	.79	.77
3.0	.87	.80	.75	.86	.79	.74	.83	.77	.73	.80	.76	.72	.78	.74	.71	.69
4.0	.79	.72	.66	.78	.71	.66	.76	.70	.65	.73	.68	.64	.71	.67	.63	.61
5.0	.72	.65	.59	.71	.64	.59	.69	.63	.58	.68	.62	.58	.66	.61	.57	.55
6.0	.67	.59	.54	.66	.59	.53	.64	.58	.53	.62	.57	.52	.61	.56	.52	.50
7.0	.62	.54	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
8.0	.57	.50	.45	.57	.50	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9.0	.53	.46	.41	.53	.46	.41	.52	.45	.41	.51	.45	.41	.50	.44	.41	.39
10.0	.50	.43	.38	.49	.43	.38	.48	.42	.38	.48	.42	.38	.47	.41	.38	.36



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	.247	.140	.045	.240	.137	.043	.227	.130	.042	.215	.124	.040	.203	.118	.038		
2.0	.235	.129	.039	.228	.126	.039	.217	.121	.037	.206	.116	.036	.197	.111	.035		
3.0	.220	.117	.035	.214	.115	.035	.205	.111	.034	.195	.107	.033	.187	.103	.032		
4.0	.205	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029		
5.0	.192	.098	.028	.188	.097	.028	.180	.094	.028	.173	.091	.027	.167	.089	.027		
6.0	.180	.090	.026	.177	.089	.026	.170	.087	.025	.163	.085	.025	.157	.083	.025		
7.0	.170	.084	.024	.166	.083	.024	.160	.081	.023	.155	.079	.023	.149	.077	.023		
8.0	.160	.078	.022	.157	.077	.022	.152	.076	.022	.146	.074	.021	.142	.073	.021		
9.0	.151	.073	.020	.149	.072	.020	.144	.071	.020	.139	.070	.020	.135	.068	.020		
10.0	.143	.069	.019	.141	.068	.019	.136	.067	.019	.132	.066	.019	.128	.065	.019		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021		
1.0	.180	.160	.143	.154	.138	.123	.105	.095	.085	.060	.055	.049	.019	.018	.016		
2.0	.168	.136	.109	.144	.117	.094	.099	.081	.065	.057	.047	.038	.018	.015	.012		
3.0	.158	.118	.085	.136	.101	.074	.093	.070	.052	.054	.041	.030	.017	.013	.010		
4.0	.150	.104	.068	.128	.090	.059	.088	.062	.042	.051	.037	.025	.016	.012	.008		
5.0	.142	.093	.056	.122	.080	.049	.084	.056	.035	.049	.033	.021	.016	.011	.007		
6.0	.135	.084	.048	.116	.073	.041	.080	.051	.029	.046	.030	.017	.015	.010	.006		
7.0	.128	.077	.041	.110	.067	.036	.076	.047	.025	.044	.027	.015	.014	.009	.005		
8.0	.122	.071	.036	.105	.061	.031	.073	.043	.022	.042	.025	.013	.014	.008	.004		
9.0	.116	.066	.032	.100	.057	.028	.070	.040	.020	.040	.024	.012	.013	.008	.004		
10.0	.111	.061	.028	.096	.053	.025	.067	.038	.018	.039	.022	.010	.013	.007	.003		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm											
NAME: EB1					TYPE:			WEIGHT:			
SPEC.:					DIM.: 640*33*55			SERIAL No.:			
MFR.: Utopia Lighting					SUR.:640*33			PROTECTION ANGLE:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	2H	21.3	22.6	21.6	22.8	23.0	20.3	21.6	20.6	21.7	21.9
	3H	22.4	23.5	22.7	23.7	24.0	21.4	22.5	21.7	22.8	23.0
	4H	22.8	23.9	23.1	24.1	24.4	21.8	22.9	22.1	23.2	23.4
	6H	23.0	24.1	23.4	24.3	24.6	22.2	23.2	22.5	23.5	23.8
	8H	23.1	24.1	23.5	24.4	24.7	22.4	23.4	22.7	23.6	23.9
	12H	23.1	24.1	23.5	24.4	24.7	22.5	23.4	22.8	23.7	24.0
4H	2H	21.6	22.7	21.9	22.9	23.2	20.8	21.8	21.1	22.1	22.3
	3H	22.8	23.8	23.2	24.1	24.4	22.0	23.0	22.4	23.3	23.6
	4H	23.4	24.2	23.7	24.5	24.9	22.6	23.5	23.0	23.8	24.1
	6H	23.8	24.5	24.2	24.9	25.2	23.1	23.9	23.5	24.2	24.6
	8H	23.9	24.6	24.3	25.0	25.3	23.3	24.0	23.7	24.4	24.8
	12H	23.9	24.6	24.3	25.0	25.4	23.5	24.2	23.9	24.5	25.0
8H	4H	23.5	24.2	23.9	24.6	25.0	22.8	23.5	23.2	23.9	24.3
	6H	24.0	24.6	24.5	25.0	25.4	23.5	24.1	23.9	24.5	24.9
	8H	24.2	24.7	24.7	25.1	25.6	23.8	24.3	24.2	24.7	25.2
	12H	24.3	24.7	24.8	25.2	25.7	24.0	24.5	24.5	24.9	25.4
12H	4H	23.5	24.1	23.9	24.5	24.9	22.8	23.5	23.2	23.9	24.3
	6H	24.0	24.6	24.5	25.0	25.5	23.5	24.0	24.0	24.5	24.9
	8H	24.3	24.7	24.7	25.2	25.6	23.9	24.3	24.3	24.8	25.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					
1.5H	+ 0.3 / - 0.3					+ 0.4 / - 0.3					
2.0H	+ 0.6 / - 0.7					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 1643 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

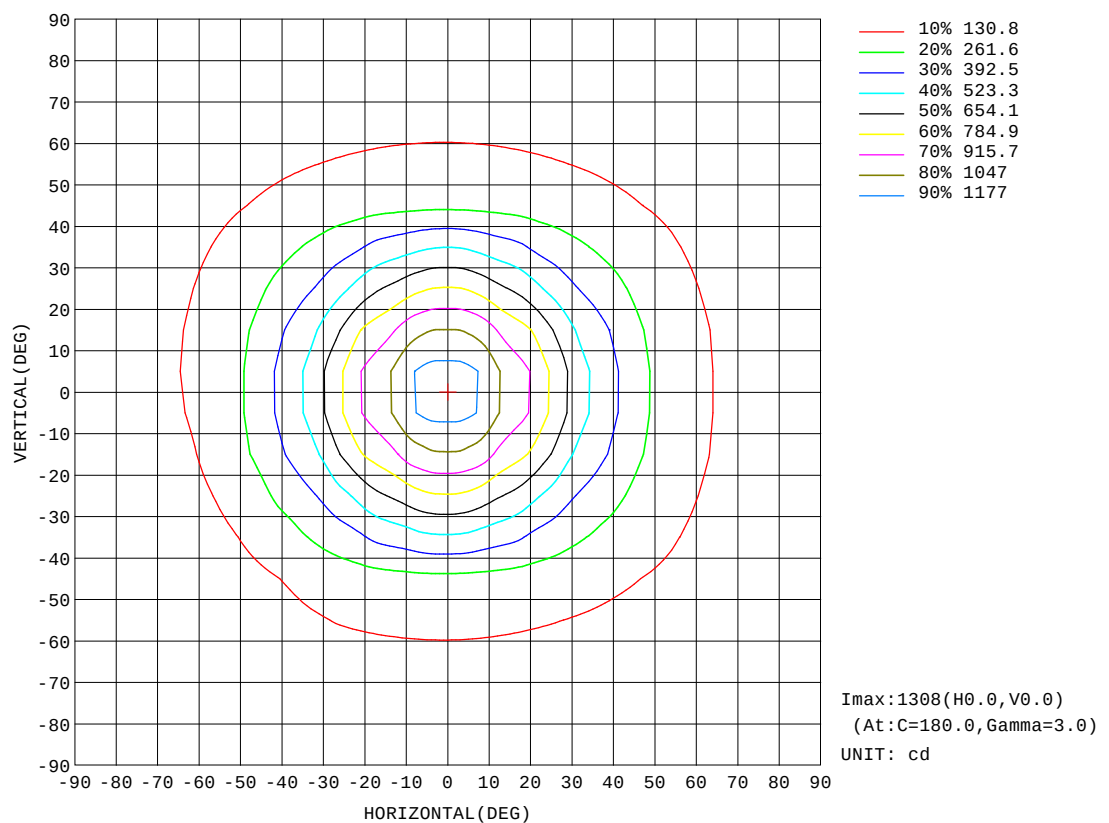
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	70	61	55	69	60	55	68	60	55	50
0.80	79	70	64	78	70	64	77	69	64	58
1.00	86	77	72	85	77	72	83	78	71	65
1.25	92	84	78	91	83	78	88	82	77	71
1.50	96	88	83	95	88	83	92	86	81	75
2.00	101	95	90	99	93	89	96	91	87	80
2.50	104	98	93	102	97	92	98	94	90	83
3.00	106	101	97	104	100	96	101	97	94	86
4.00	110	105	102	107	103	100	103	100	97	89
5.00	111	108	105	109	106	103	105	102	100	91
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:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



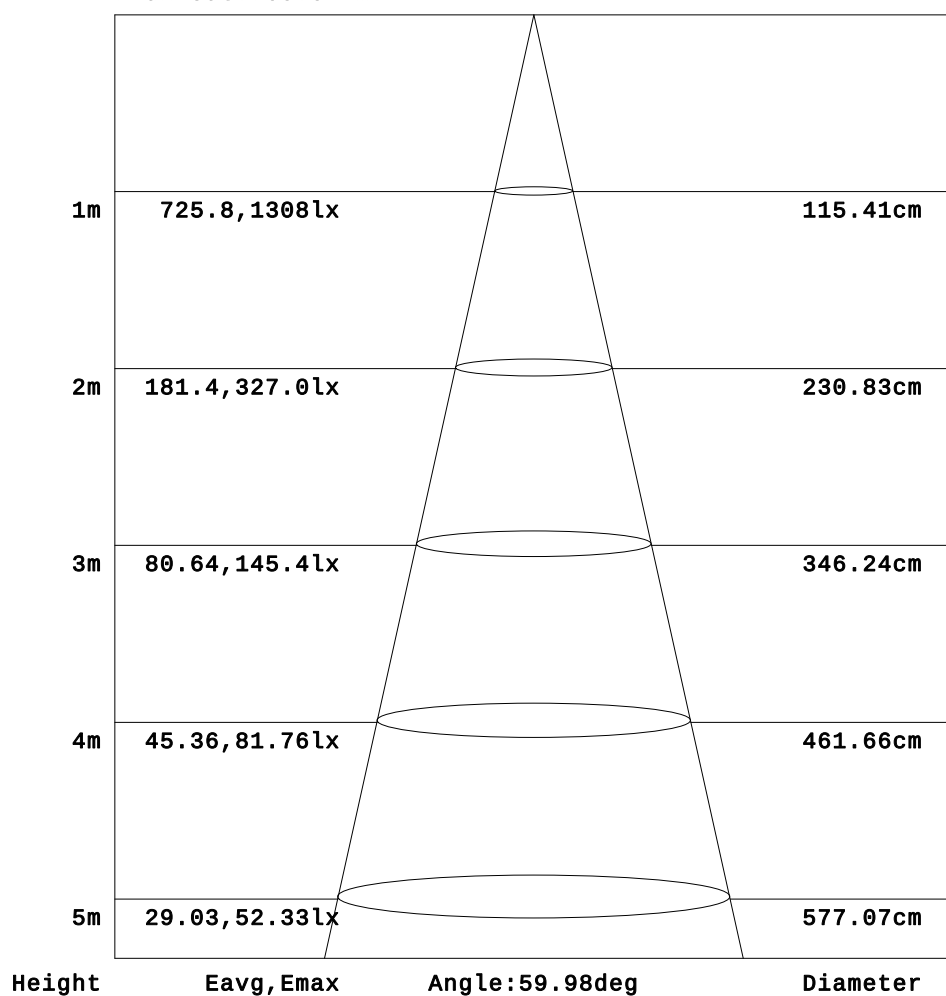
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:760.0 lm



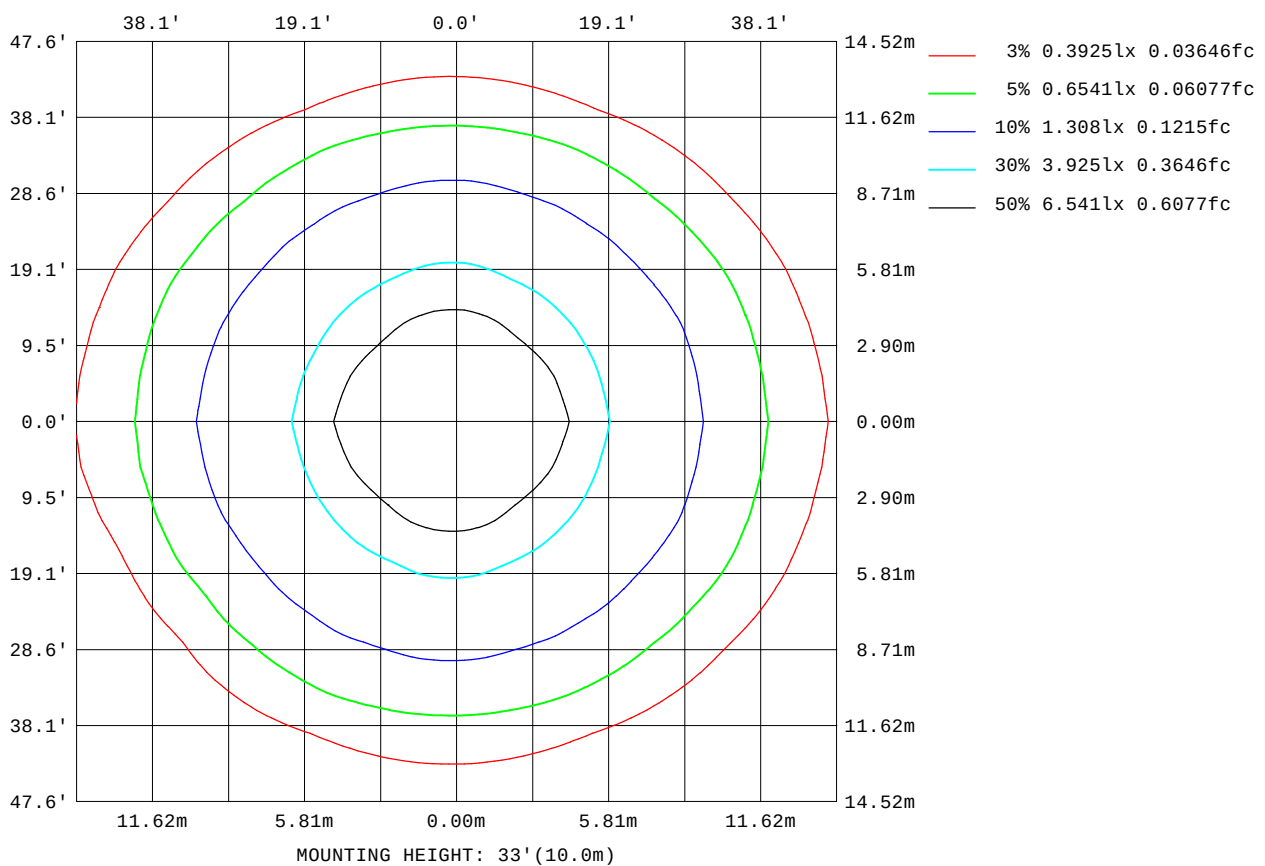
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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: 2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

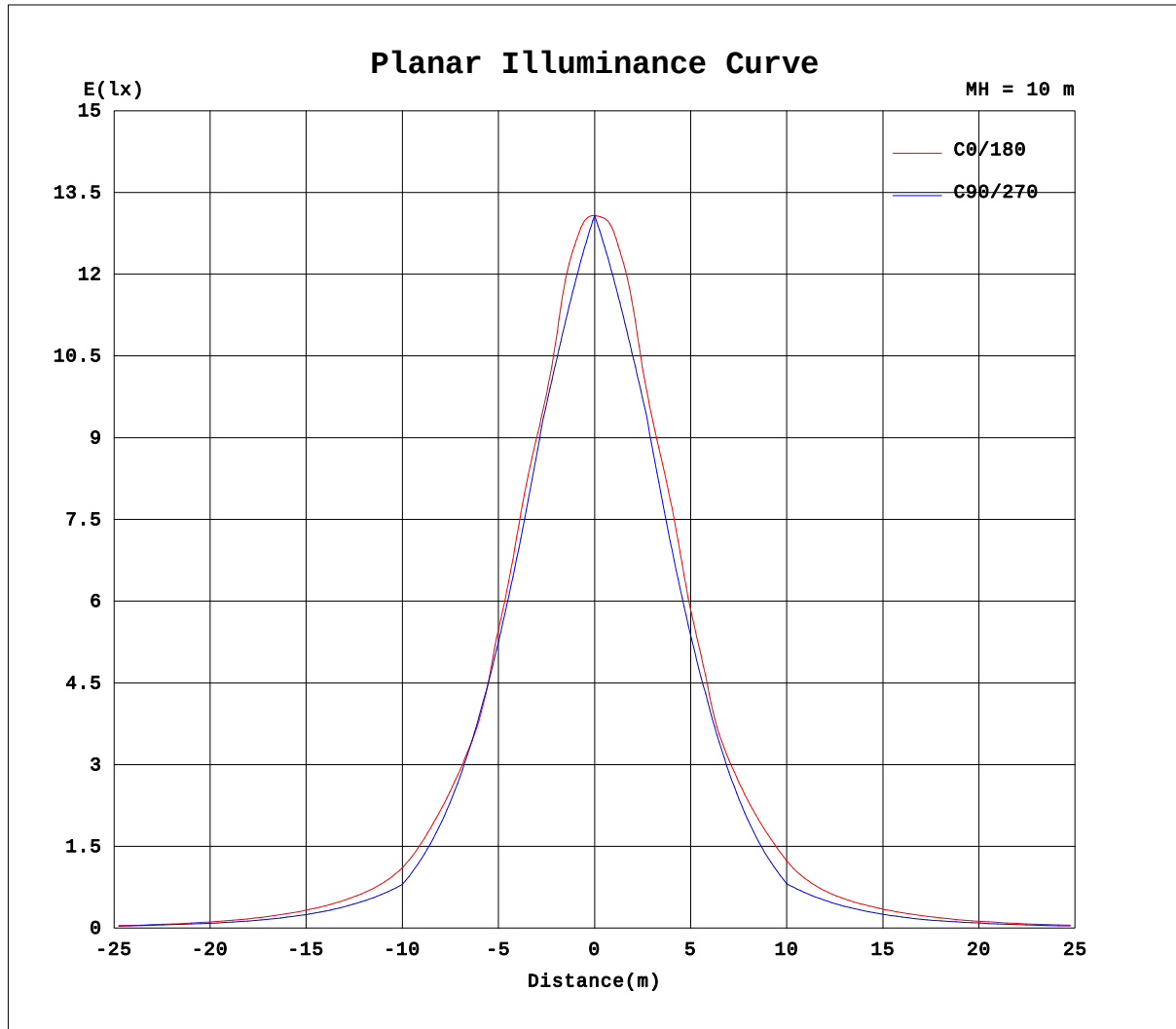
AvgL	cd/m2
L_0~180(65)av	14363
L_0~180(75)av	11152
L_0~180(85)av	4770
L_90~270(65)av	11411
L_90~270(75)av	9639
L_90~270(85)av	9702
L_45(65)av	11324
L_45(75)av	9486
L_45(85)av	8368

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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: 2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
5	1285	1277	1270	1263	1257	1251	1246	1242	1238	1235	1232	1229	1226	1224	1222	1220	1219	1218	1217
10	1193	1178	1166	1157	1150	1145	1140	1137	1134	1132	1129	1128	1127	1127	1128	1129	1128	1127	1126
15	1056	1037	1021	1007	996	987	981	979	982	989	1001	1012	1019	1024	1026	1031	1035	1036	1036
20	963	941	921	906	893	884	875	867	862	860	859	862	874	886	894	898	902	905	905
25	808	785	768	756	749	746	749	756	748	740	732	727	727	735	748	759	768	773	775
30	635	617	605	599	598	601	606	604	599	599	601	604	604	603	607	618	634	641	645
35	529	511	498	490	485	478	469	466	471	470	465	468	482	484	482	485	496	503	506
40	429	413	404	401	398	386	376	368	363	362	363	360	365	369	364	360	363	366	367
45	315	308	306	308	305	303	295	286	285	281	278	272	265	260	250	241	234	229	228
50	250	245	245	244	239	238	234	227	220	215	206	195	189	189	189	190	192	193	194
55	208	203	202	197	192	189	184	178	170	161	159	158	157	157	157	157	158	159	159
60	164	160	159	154	151	146	141	135	132	131	129	128	127	126	125	125	124	124	125
65	120	118	118	115	113	110	107	105	103	102	100	98.7	98.6	98.7	98.9	99.2	99.6	100.0	100
70	86.0	85.9	84.1	82.7	81.5	80.0	78.9	77.4	76.0	75.7	75.5	75.3	75.2	75.1	75.2	75.3	75.5	75.8	76.0
75	57.5	57.4	56.6	56.3	55.3	54.3	53.6	53.5	53.2	53.0	52.7	52.3	52.0	51.7	51.6	51.5	51.5	51.6	51.7
80	32.7	32.7	33.0	32.3	32.0	31.9	31.8	31.7	31.3	31.8	32.4	32.8	33.2	33.6	33.9	34.2	34.4	34.6	34.7
85	10.5	11.3	11.0	11.3	11.6	13.4	14.6	15.5	16.1	16.5	16.8	17.0	17.2	17.3	17.5	17.6	17.7	17.7	17.8
90	0.23	1.50	1.50	1.49	1.49	1.45	1.43	1.41	1.40	1.35	1.35	1.27	1.22	1.17	1.11	1.03	0.97	0.89	0.79
95	0.75	1.60	1.57	1.55	1.52	1.48	1.44	1.43	1.40	1.37	1.35	1.30	1.26	1.22	1.17	1.11	1.05	0.99	0.87
100	0.77	1.45	1.59	1.58	1.56	1.53	1.49	1.45	1.40	1.38	1.36	1.33	1.30	1.26	1.23	1.18	1.14	1.09	0.95
105	0.88	1.32	1.55	1.59	1.58	1.59	1.56	1.53	1.50	1.47	1.43	1.40	1.36	1.34	1.30	1.26	1.22	1.19	1.03
110	1.03	1.31	1.51	1.60	1.65	1.63	1.63	1.61	1.59	1.57	1.53	1.51	1.49	1.46	1.42	1.34	1.32	1.31	1.13
115	1.20	1.38	1.54	1.66	1.68	1.70	1.69	1.70	1.68	1.67	1.64	1.63	1.60	1.58	1.51	1.41	1.43	1.44	1.23
120	1.41	1.54	1.66	1.72	1.75	1.76	1.78	1.79	1.78	1.76	1.73	1.71	1.68	1.68	1.62	1.51	1.56	1.57	1.33
125	1.64	1.74	1.85	1.87	1.87	1.85	1.86	1.88	1.89	1.85	1.81	1.76	1.74	1.78	1.79	1.74	1.80	1.73	1.46
130	1.89	1.96	2.06	2.12	2.07	2.03	2.00	2.03	2.03	2.01	1.94	1.84	1.84	1.89	1.98	1.98	2.04	1.86	1.60
135	2.19	2.24	2.32	2.45	2.38	2.33	2.28	2.23	2.23	2.22	2.19	2.16	2.16	2.18	2.24	2.24	2.26	1.98	1.73
140	2.53	2.57	2.63	2.71	2.75	2.69	2.63	2.57	2.53	2.53	2.54	2.54	2.54	2.58	2.60	2.57	2.47	2.14	1.95
145	2.89	2.91	2.95	3.01	3.09	3.09	3.02	2.96	2.95	2.95	2.95	2.93	2.92	2.94	2.92	2.86	2.63	2.33	2.16
150	3.28	3.28	3.30	3.33	3.36	3.44	3.46	3.42	3.38	3.37	3.34	3.32	3.31	3.27	3.21	3.02	2.78	2.52	2.37
155	3.48	3.51	3.54	3.58	3.63	3.69	3.75	3.86	3.80	3.77	3.74	3.71	3.59	3.51	3.39	3.19	2.97	2.82	2.71
160	3.66	3.69	3.72	3.76	3.80	3.84	3.91	3.97	4.05	4.09	3.98	3.87	3.78	3.67	3.52	3.36	3.21	3.12	3.05
165	3.74	3.78	3.81	3.85	3.88	3.90	3.91	3.91	3.91	3.90	3.88	3.84	3.78	3.71	3.61	3.53	3.46	3.42	3.39
170	3.81	3.82	3.82	3.83	3.83	3.83	3.82	3.81	3.79	3.77	3.73	3.70	3.66	3.60	3.56	3.52	3.48	3.46	3.44
175	3.74	3.74	3.73	3.72	3.70	3.69	3.67	3.65	3.63	3.62	3.61	3.59	3.57	3.55	3.53	3.52	3.51	3.50	3.49
180	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
5	1218	1219	1220	1223	1226	1229	1234	1238	1243	1249	1254	1260	1266	1273	1280	1288	1296	1304	1296
10	1127	1129	1132	1136	1140	1143	1144	1147	1151	1156	1163	1171	1179	1189	1199	1212	1225	1241	1226
15	1037	1039	1041	1041	1038	1038	1040	1040	1037	1033	1030	1030	1034	1041	1052	1066	1082	1101	1083
20	907	910	912	910	911	910	904	898	895	896	900	908	918	931	946	964	985	1008	986
25	777	779	777	772	765	758	756	762	771	785	800	802	803	806	814	826	844	869	845
30	646	646	642	629	625	627	633	638	640	642	645	654	658	656	660	671	689	715	691
35	508	509	503	497	501	509	507	496	496	503	507	504	509	515	518	528	542	562	543
40	369	372	371	374	384	390	382	379	383	387	389	396	408	423	429	435	446	463	447
45	231	237	246	257	270	279	283	291	296	298	299	305	318	328	334	334	339	351	340
50	194	194	194	194	195	195	201	213	221	224	225	235	240	244	254	259	259	264	260
55	160	160	160	161	162	163	162	161	158	161	167	172	174	180	195	213	212	219	214
60	125	126	127	128	130	131	129	126	121	116	113	119	122	124	138	152	161	177	173
65	101	101	101	102	102	102	96.1	91.4	88.2	85.6	83.3	81.2	82.5	85.0	88.2	97.2	110	135	132
70	76.3	76.7	77.1	77.6	78.1	76.8	71.1	66.2	62.3	59.1	58.0	57.1	55.6	55.5	56.6	59.4	66.9	96.9	95.5
75	52.1	52.5	53.0	53.7	54.3	51.6	47.9	45.0	41.9	39.4	38.2	37.0	35.2	34.9	33.8	34.0	34.2	63.8	62.5
80	34.9	35.1	35.1	35.2	35.1	32.1	29.2	26.8	23.4	21.2	21.4	21.1	20.1	19.5	19.6	18.8	18.4	18.1	35.8
85	17.9	18.0	17.9	18.0	17.8	16.2	14.7	13.4	11.7	10.5	9.98	9.43	8.84	8.75	9.45	10.3	9.91	6.92	14.1
90	0.83	0.88	0.75	0.74	0.63	0.51	0.43	0.42	0.46	0.46	0.46	0.46	0.52	0.59	0.52	0.44	0.35	0.15	0.10
95	0.88	0.93	0.85	0.84	0.74	0.60	0.54	0.51	0.56	0.57	0.59	0.63	0.75	0.89	0.99	1.10	1.43	0.09	0.11
100	0.93	0.99	0.95	0.94	0.85	0.70	0.64	0.61	0.65	0.68	0.74	0.83	0.97	1.25	1.45	1.73	1.46	0.12	0.16
105	0.98	1.04	1.05	1.04	0.99	0.83	0.75	0.73	0.76	0.84	0.94	1.06	1.19	1.37	1.56	1.43	1.34	0.16	0.20
110	1.04	1.11	1.15	1.13	1.11	0.99	0.87	0.85	0.88	0.98	1.08	1.18	1.34	1.42	1.36	1.33	1.48	0.23	0.28
115	1.10	1.16	1.25	1.23	1.22	1.16	1.03	1.00	1.01	1.07	1.16	1.26	1.32	1.34	1.30	1.43	1.62	0.31	0.35
120	1.16	1.21	1.35	1.33	1.32	1.31	1.23	1.18	1.15	1.20	1.26	1.28	1.32	1.29	1.40	1.53	1.27	0.46	0.46
125	1.27	1.28	1.37	1.40	1.43	1.40	1.37	1.38	1.36	1.30	1.29	1.31	1.33	1.41	1.51	1.55	1.20	0.54	0.56
130	1.40	1.35	1.40	1.42	1.54	1.56	1.47	1.48	1.48	1.42	1.37	1.34	1.41	1.49	1.58	1.45	1.18	0.68	0.70
135	1.53	1.42	1.45	1.48	1.60	1.62	1.60	1.58	1.54	1.56	1.53	1.47	1.51	1.66	1.69	1.46	1.24	0.84	0.85
140	1.70	1.57	1.57	1.62	1.64	1.71	1.68	1.72	1.68	1.60	1.63	1.65	1.66	1.60	1.51	1.41	1.29	1.05	1.05
145	1.89	1.74	1.69	1.72	1.75	1.77	1.78	1.76	1.83	1.81	1.74	1.73	1.72	1.67	1.56	1.45	1.34	1.27	1.27
150	2.10	1.90	1.86	1.85	1.88	1.88	1.88	1.88	1.88	1.93	1.98	1.97	1.90	1.77	1.66	1.55	1.45	1.51	1.50
155	2.46	2.23	2.13	2.03	2.01	2.00	2.02	2.00	2.00	1.99	2.01	2.01	1.98	1.93	1.86	1.78	1.71	1.80	1.79
160	2.84	2.62	2.44	2.34	2.24	2.20	2.16	2.13	2.16	2.14	2.13	2.11	2.09	2.06	2.04	2.03	2.01	2.08	2.06
165	3.24	3.04	2.86	2.72	2.62	2.55	2.50	2.49	2.47	2.45	2.43	2.39	2.39	2.38	2.38	2.38	2.38	2.31	2.29
170	3.37	3.29	3.20	3.12	3.04	2.99	2.96	2.94	2.93	2.91	2.90	2.92	2.94	2.95	2.97	3.00	3.03	2.53	2.52
175	3.47	3.45	3.43	3.41	3.39	3.37	3.35	3.33	3.32	3.32	3.31	3.32	3.33	3.35	3.36	3.38	3.40	2.70	2.70
180	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	2.80	2.80

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
5	1289	1282	1275	1268	1263	1257	1252	1247	1242	1237	1233	1230	1227	1224	1223	1222	1222	1222	1223
10	1213	1201	1192	1183	1175	1168	1163	1159	1156	1153	1152	1149	1145	1141	1138	1136	1135	1136	1137
15	1068	1055	1045	1040	1037	1038	1041	1046	1049	1051	1052	1053	1055	1056	1053	1049	1049	1049	1049
20	966	949	935	924	915	909	906	908	912	917	923	925	925	926	926	922	920	921	918
25	828	816	811	809	809	808	794	781	773	769	772	779	785	790	794	793	792	791	784
30	675	663	656	655	655	651	651	649	646	643	639	639	644	652	660	664	664	661	649
35	530	522	520	519	515	513	509	505	507	515	518	513	509	513	518	521	520	518	508
40	436	432	428	415	405	398	396	394	388	390	396	391	383	379	379	378	376	375	371
45	337	339	334	327	319	312	307	303	299	289	284	275	262	250	242	236	233	234	239
50	261	260	256	255	250	243	238	230	219	205	198	198	198	198	198	198	197	197	195
55	215	209	205	202	196	189	181	170	168	166	165	164	164	163	163	163	162	162	161
60	172	166	163	157	151	144	141	139	137	135	133	132	130	129	128	127	127	127	127
65	130	128	123	119	115	113	111	109	107	105	104	104	103	103	103	103	102	102	101
70	94.0	92.2	90.0	87.8	86.6	84.7	82.7	81.8	81.3	80.6	79.9	79.4	79.0	78.6	78.2	78.0	77.7	77.4	77.1
75	62.5	61.2	60.7	59.7	59.8	58.1	57.5	57.4	57.6	56.9	56.1	55.4	54.7	54.2	53.7	53.4	53.1	52.9	52.7
80	35.0	34.3	34.0	33.9	33.6	32.0	32.8	34.1	35.8	36.0	35.9	35.8	35.8	35.7	35.7	35.7	35.4	35.3	35.0
85	13.9	13.2	12.8	13.6	14.2	14.5	16.0	16.9	17.8	18.0	18.0	18.0	17.9	17.9	18.0	18.0	17.7	17.7	17.6
90	0.14	0.15	0.15	0.11	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.28	0.31	0.08	0.22	0.25
95	0.10	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.23	0.26	0.11	0.20	0.22
100	0.15	0.13	0.14	0.13	0.14	0.15	0.15	0.16	0.15	0.14	0.14	0.14	0.14	0.13	0.19	0.21	0.13	0.18	0.19
105	0.19	0.21	0.20	0.17	0.17	0.19	0.19	0.20	0.20	0.19	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.16
110	0.25	0.27	0.29	0.28	0.27	0.26	0.23	0.25	0.27	0.25	0.24	0.23	0.24	0.24	0.23	0.23	0.23	0.23	0.23
115	0.36	0.33	0.35	0.37	0.36	0.35	0.33	0.35	0.33	0.31	0.30	0.29	0.31	0.31	0.31	0.30	0.30	0.30	0.31
120	0.47	0.45	0.44	0.45	0.45	0.45	0.45	0.45	0.44	0.42	0.41	0.40	0.41	0.40	0.39	0.38	0.37	0.38	0.38
125	0.60	0.58	0.57	0.57	0.55	0.56	0.56	0.56	0.55	0.54	0.55	0.55	0.56	0.55	0.55	0.55	0.55	0.53	0.54
130	0.73	0.74	0.71	0.71	0.70	0.69	0.70	0.70	0.70	0.69	0.69	0.69	0.71	0.71	0.72	0.72	0.73	0.69	0.69
135	0.88	0.91	0.89	0.88	0.87	0.87	0.87	0.88	0.88	0.89	0.89	0.89	0.90	0.89	0.89	0.90	0.91	0.85	0.86
140	1.07	1.09	1.12	1.10	1.08	1.08	1.08	1.08	1.09	1.12	1.10	1.11	1.13	1.13	1.14	1.15	1.17	1.13	1.15
145	1.28	1.30	1.34	1.34	1.33	1.31	1.31	1.31	1.35	1.33	1.35	1.37	1.38	1.38	1.40	1.40	1.44	1.42	1.43
150	1.51	1.53	1.55	1.59	1.61	1.59	1.59	1.59	1.59	1.61	1.62	1.62	1.64	1.64	1.66	1.66	1.70	1.70	1.71
155	1.79	1.80	1.80	1.82	1.86	1.90	1.89	1.89	1.89	1.90	1.90	1.92	1.92	1.94	1.95	1.95	1.98	1.98	1.98
160	2.05	2.04	2.05	2.07	2.10	2.12	2.15	2.18	2.21	2.20	2.21	2.21	2.22	2.23	2.24	2.25	2.26	2.26	2.26
165	2.29	2.29	2.30	2.30	2.31	2.33	2.35	2.37	2.39	2.42	2.44	2.47	2.49	2.51	2.52	2.54	2.54	2.54	2.54
170	2.52	2.52	2.52	2.52	2.52	2.52	2.54	2.56	2.57	2.57	2.57	2.59	2.59	2.60	2.61	2.62	2.63	2.63	2.64
175	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.70	2.70	2.71	2.71	2.72	2.73
180	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:120.4V I:0.1652A P:19.67W PF:0.9897 Lamp Flux:1642.63x1 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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308				
5	1224	1226	1228	1230	1233	1236	1238	1241	1245	1249	1253	1259	1264	1271	1278				
10	1138	1137	1136	1136	1136	1137	1139	1140	1142	1145	1149	1153	1160	1168	1179				
15	1045	1041	1037	1032	1024	1014	1002	993	988	989	993	1001	1011	1024	1039				
20	913	908	901	890	878	875	874	875	879	885	892	901	912	925	943				
25	774	763	750	740	740	746	754	764	773	765	759	757	761	771	786				
30	634	621	615	615	616	614	613	611	613	617	616	612	608	610	619				
35	497	491	493	492	479	473	475	479	479	479	486	492	495	502	513				
40	368	370	376	373	365	366	367	369	375	383	393	405	407	408	415				
45	245	255	265	270	276	281	285	290	292	301	309	312	313	308	309				
50	194	193	193	192	198	209	218	225	231	237	240	241	245	245	246				
55	160	160	160	160	160	162	163	172	180	186	191	194	198	203	203				
60	127	127	128	129	130	131	133	134	136	143	148	152	155	160	160				
65	101	101	101	100	100	102	103	105	106	108	111	114	116	118	119				
70	76.8	76.7	76.6	76.6	76.7	76.8	77.0	77.1	78.4	79.8	80.7	82.1	83.3	84.5	86.1				
75	52.7	52.8	52.9	53.1	53.4	53.7	53.9	54.2	54.3	54.4	55.0	55.8	56.6	56.8	57.6				
80	34.8	34.5	34.1	33.8	33.4	32.9	32.4	32.0	32.3	32.4	32.3	32.4	32.5	33.1	32.7				
85	17.5	17.4	17.2	17.0	16.8	16.5	16.2	15.9	15.3	14.5	13.3	11.7	11.4	11.1	11.2				
90	0.31	0.31	0.31	0.31	0.30	0.29	0.28	0.26	0.25	0.24	0.22	0.20	0.19	0.18	0.17				
95	0.25	0.25	0.25	0.25	0.24	0.23	0.22	0.20	0.19	0.17	0.15	0.14	0.14	0.14	0.15				
100	0.20	0.20	0.20	0.19	0.18	0.18	0.17	0.14	0.16	0.16	0.17	0.17	0.16	0.16	0.16				
105	0.16	0.17	0.18	0.18	0.19	0.21	0.22	0.22	0.22	0.22	0.23	0.21	0.21	0.23	0.21				
110	0.24	0.24	0.26	0.26	0.27	0.28	0.29	0.29	0.29	0.29	0.27	0.28	0.30	0.30	0.30				
115	0.31	0.32	0.34	0.34	0.35	0.36	0.37	0.36	0.36	0.36	0.36	0.38	0.40	0.38	0.40				
120	0.40	0.41	0.44	0.45	0.45	0.46	0.45	0.46	0.44	0.47	0.49	0.51	0.50	0.49	0.49				
125	0.55	0.55	0.57	0.56	0.57	0.55	0.55	0.58	0.60	0.62	0.63	0.63	0.64	0.62	0.64				
130	0.70	0.70	0.70	0.70	0.69	0.71	0.74	0.75	0.77	0.79	0.79	0.79	0.80	0.78	0.80				
135	0.88	0.91	0.89	0.93	0.93	0.94	0.95	0.97	0.97	0.97	0.97	0.99	0.98	0.99	1.00				
140	1.16	1.17	1.17	1.18	1.19	1.19	1.19	1.19	1.20	1.20	1.20	1.22	1.20	1.21	1.23				
145	1.45	1.45	1.46	1.45	1.45	1.45	1.45	1.45	1.44	1.45	1.48	1.47	1.46	1.46	1.48				
150	1.73	1.73	1.73	1.73	1.73	1.72	1.73	1.73	1.73	1.74	1.74	1.72	1.72	1.72	1.74				
155	1.99	2.01	2.00	2.01	2.01	2.03	2.02	2.03	2.04	2.03	2.03	2.04	2.03	2.04	2.06				
160	2.26	2.27	2.29	2.28	2.30	2.30	2.31	2.28	2.29	2.27	2.28	2.28	2.29	2.31	2.34				
165	2.53	2.51	2.51	2.51	2.51	2.50	2.49	2.48	2.48	2.48	2.48	2.49	2.50	2.51	2.53				
170	2.64	2.64	2.64	2.63	2.64	2.64	2.65	2.65	2.66	2.67	2.67	2.68	2.69	2.71	2.72				
175	2.73	2.74	2.74	2.74	2.75	2.75	2.76	2.76	2.77	2.78	2.78	2.79	2.80	2.81	2.82				
180	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1306	1302	1298	1294	1290	1287	1284	1281	1278	1275
5.0	1285	1277	1270	1263	1257	1251	1246	1242	1238	1235
7.5	1252	1241	1230	1221	1213	1206	1199	1193	1189	1185
10.0	1193	1178	1166	1157	1150	1145	1140	1137	1134	1132
12.5	1110	1094	1081	1070	1062	1058	1057	1059	1063	1068
15.0	1056	1037	1021	1007	995.5	986.9	980.9	978.9	981.6	989.5
17.5	1014	993.0	974.8	958.9	944.7	933.1	924.4	918.4	915.8	917.5
20.0	963.3	940.5	921.3	905.8	893.4	883.6	875.0	867.5	862.4	860.2
22.5	886.4	863.5	846.1	834.1	827.2	822.3	818.9	816.3	813.9	802.1
25.0	807.7	784.9	767.8	756.0	748.6	746.1	749.3	755.6	748.0	740.2
27.5	734.8	710.5	693.8	681.9	676.5	676.4	678.7	674.6	673.6	671.6
30.0	635.1	616.7	605.2	599.0	597.7	600.7	606.1	603.5	598.8	599.0
32.5	574.9	556.5	542.9	534.7	532.1	533.0	529.2	533.4	533.8	529.8
35.0	528.9	511.1	498.2	489.8	485.0	477.7	469.3	466.4	470.8	469.7
37.5	480.7	463.7	452.5	446.1	444.0	431.0	420.1	413.3	412.0	413.1
40.0	429.0	412.9	404.1	401.0	397.8	385.9	376.1	368.1	362.6	362.2
42.5	370.0	357.5	351.9	351.5	350.4	342.9	333.2	326.4	320.6	318.7
45.0	315.4	307.9	306.1	307.8	305.1	302.6	295.1	285.9	284.8	280.6
47.5	277.7	271.9	271.0	273.0	269.4	267.1	262.3	253.7	250.8	246.4
50.0	250.4	245.5	245.0	244.0	239.3	238.1	234.4	227.0	220.2	215.1
52.5	229.2	223.8	223.1	219.3	214.6	212.7	208.4	201.7	193.7	186.1
55.0	208.4	202.9	202.5	196.6	192.2	189.4	184.1	177.8	169.6	160.9
57.5	186.6	181.7	181.5	174.9	171.2	167.0	161.7	155.3	147.3	145.7
60.0	164.1	160.0	159.3	153.7	150.9	146.4	141.3	134.5	132.3	130.7
62.5	142.5	139.4	137.8	134.1	130.7	127.5	122.4	119.4	117.6	116.1
65.0	120.0	118.4	117.7	115.1	112.9	109.8	106.7	104.9	103.4	101.6
67.5	101.9	100.9	99.31	97.83	96.41	93.82	92.52	90.99	89.28	87.59
70.0	86.02	85.90	84.05	82.73	81.48	79.96	78.87	77.35	75.95	75.74
72.5	71.36	71.56	70.00	68.93	68.07	66.88	65.77	64.78	64.53	64.27
75.0	57.46	57.39	56.61	56.29	55.30	54.31	53.65	53.46	53.23	52.97
77.5	44.70	44.50	44.22	43.92	43.23	42.74	42.60	42.47	42.21	41.87
80.0	32.66	32.69	33.02	32.28	32.03	31.89	31.84	31.71	31.34	31.79
82.5	21.09	21.36	21.42	21.38	21.41	21.32	21.47	22.71	23.51	24.09
85.0	10.54	11.31	11.04	11.32	11.62	13.37	14.63	15.51	16.08	16.47
87.5	1.790	2.813	2.889	5.069	6.429	7.329	7.977	8.434	8.721	8.898
90.0	0.2287	1.503	1.503	1.494	1.494	1.452	1.428	1.415	1.400	1.354
92.5	0.7329	1.582	1.569	1.531	1.507	1.466	1.437	1.421	1.401	1.361
95.0	0.7469	1.601	1.573	1.554	1.521	1.477	1.444	1.427	1.401	1.369
97.5	0.7494	1.529	1.584	1.567	1.541	1.494	1.448	1.430	1.400	1.375
100.0	0.7658	1.446	1.590	1.579	1.562	1.527	1.485	1.450	1.405	1.381
102.5	0.8242	1.369	1.559	1.586	1.577	1.558	1.524	1.491	1.453	1.419
105.0	0.8779	1.317	1.550	1.590	1.583	1.586	1.562	1.533	1.500	1.471
107.5	0.9503	1.286	1.534	1.592	1.615	1.609	1.599	1.574	1.546	1.520
110.0	1.032	1.309	1.515	1.601	1.652	1.631	1.635	1.609	1.594	1.571
112.5	1.109	1.314	1.512	1.634	1.663	1.659	1.662	1.648	1.644	1.621
115.0	1.205	1.376	1.535	1.662	1.685	1.702	1.691	1.702	1.683	1.669
117.5	1.303	1.447	1.590	1.686	1.710	1.729	1.732	1.753	1.728	1.716
120.0	1.410	1.536	1.660	1.723	1.753	1.760	1.778	1.793	1.779	1.762
122.5	1.522	1.627	1.768	1.794	1.801	1.801	1.827	1.825	1.845	1.807
125.0	1.644	1.737	1.850	1.875	1.872	1.852	1.860	1.878	1.893	1.853
127.5	1.756	1.837	1.952	1.982	1.967	1.910	1.922	1.952	1.952	1.922
130.0	1.887	1.959	2.056	2.122	2.070	2.026	1.996	2.026	2.031	2.005
132.5	2.034	2.099	2.184	2.258	2.220	2.168	2.124	2.115	2.123	2.099
135.0	2.190	2.241	2.322	2.448	2.376	2.329	2.281	2.226	2.229	2.217
137.5	2.356	2.401	2.464	2.555	2.561	2.508	2.451	2.398	2.356	2.354
140.0	2.531	2.566	2.628	2.714	2.747	2.690	2.628	2.571	2.534	2.527
142.5	2.708	2.737	2.784	2.862	2.932	2.886	2.814	2.770	2.734	2.738
145.0	2.895	2.914	2.952	3.012	3.089	3.088	3.022	2.965	2.954	2.947
147.5	3.089	3.101	3.129	3.179	3.236	3.285	3.223	3.191	3.177	3.154
150.0	3.283	3.285	3.302	3.328	3.362	3.435	3.464	3.421	3.383	3.371
152.5	3.401	3.402	3.413	3.441	3.498	3.590	3.651	3.624	3.604	3.566
155.0	3.483	3.508	3.541	3.580	3.633	3.686	3.751	3.865	3.802	3.774
157.5	3.618	3.632	3.651	3.678	3.719	3.791	3.851	3.914	4.014	3.977
160.0	3.660	3.690	3.722	3.757	3.797	3.845	3.908	3.974	4.047	4.090
162.5	3.697	3.728	3.761	3.800	3.843	3.893	3.952	3.994	3.989	3.964
165.0	3.744	3.777	3.812	3.847	3.883	3.903	3.909	3.913	3.910	3.900
167.5	3.795	3.812	3.828	3.843	3.855	3.864	3.868	3.865	3.858	3.843
170.0	3.809	3.816	3.821	3.826	3.829	3.830	3.821	3.808	3.789	3.765
172.5	3.779	3.779	3.777	3.773	3.767	3.758	3.747	3.732	3.718	3.701
175.0	3.743	3.738	3.729	3.718	3.704	3.687	3.668	3.648	3.633	3.621
177.5	3.615	3.612	3.608	3.603	3.597	3.590	3.582	3.574	3.567	3.562
180.0	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-19

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

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1273	1270	1269	1267	1265	1264	1263	1263	1263	1263
5.0	1232	1229	1226	1224	1222	1220	1219	1218	1217	1218
7.5	1182	1180	1178	1178	1177	1175	1173	1172	1172	1172
10.0	1129	1128	1127	1127	1128	1129	1128	1127	1126	1127
12.5	1072	1074	1075	1075	1077	1081	1082	1082	1081	1082
15.0	1001	1012	1019	1024	1026	1031	1035	1036	1036	1037
17.5	925.4	941.1	955.9	962.3	964.3	965.9	970.2	970.9	970.6	972.2
20.0	859.2	861.9	873.7	886.3	893.7	897.8	902.4	905.2	905.5	907.3
22.5	794.0	791.0	795.7	809.5	821.0	828.9	835.2	839.4	840.4	842.3
25.0	732.4	727.2	726.8	735.1	748.0	759.1	768.1	773.3	775.4	777.1
27.5	669.6	666.3	663.9	666.4	676.2	688.6	701.0	707.0	710.3	711.8
30.0	601.0	604.1	603.9	603.2	607.3	617.9	634.2	640.8	645.3	646.5
32.5	530.6	538.1	543.8	543.4	543.2	549.9	564.9	571.9	575.7	577.1
35.0	464.8	468.4	482.4	484.2	481.9	484.9	496.4	503.1	506.2	507.7
37.5	408.7	410.1	422.1	426.1	422.2	421.7	429.1	434.4	436.7	438.4
40.0	362.6	359.8	364.6	368.5	363.6	360.1	362.8	365.8	367.1	369.1
42.5	318.6	314.6	312.1	312.9	306.3	299.8	297.7	297.5	297.6	300.0
45.0	277.6	272.3	264.7	259.6	250.1	240.6	233.8	229.4	228.1	230.9
47.5	239.9	232.2	221.2	209.3	205.9	207.2	208.6	210.0	210.8	211.4
50.0	205.9	194.6	188.9	189.0	189.5	190.4	191.6	192.8	193.6	194.1
52.5	175.0	173.5	173.0	172.9	173.1	173.8	174.7	175.7	176.3	176.8
55.0	159.3	158.0	157.3	157.0	157.0	157.3	157.9	158.6	159.1	159.6
57.5	144.2	142.8	141.9	141.4	141.1	141.0	141.1	141.5	141.8	142.3
60.0	129.2	127.8	126.7	125.8	125.2	124.7	124.4	124.4	124.6	125.1
62.5	114.5	113.0	111.7	110.6	110.9	111.2	111.6	112.1	112.4	112.7
65.0	100.0	98.70	98.60	98.72	98.90	99.21	99.57	99.96	100.3	100.6
67.5	87.12	86.92	86.88	86.89	87.02	87.23	87.53	87.86	88.14	88.45
70.0	75.55	75.32	75.23	75.13	75.18	75.29	75.50	75.76	76.00	76.32
72.5	63.99	63.78	63.56	63.42	63.35	63.37	63.48	63.66	63.86	64.19
75.0	52.65	52.31	51.99	51.74	51.55	51.47	51.47	51.57	51.71	52.05
77.5	41.43	40.94	41.26	41.70	42.09	42.46	42.78	43.05	43.22	43.45
80.0	32.35	32.81	33.20	33.55	33.87	34.16	34.41	34.61	34.74	34.93
82.5	24.53	24.88	25.18	25.44	25.67	25.87	26.04	26.18	26.25	26.40
85.0	16.77	16.99	17.18	17.34	17.47	17.58	17.68	17.75	17.77	17.88
87.5	9.051	9.128	9.196	9.249	9.291	9.307	9.324	9.318	9.280	9.353
90.0	1.349	1.274	1.223	1.167	1.111	1.032	0.9663	0.8867	0.7936	0.8265
92.5	1.353	1.288	1.242	1.192	1.142	1.070	1.010	0.9366	0.8326	0.8521
95.0	1.355	1.301	1.261	1.216	1.172	1.107	1.053	0.9863	0.8715	0.8775
97.5	1.356	1.314	1.279	1.240	1.202	1.145	1.096	1.036	0.9105	0.9027
100.0	1.360	1.327	1.297	1.265	1.232	1.182	1.139	1.086	0.9495	0.9276
102.5	1.382	1.343	1.314	1.290	1.262	1.219	1.181	1.136	0.9884	0.9523
105.0	1.433	1.399	1.364	1.335	1.302	1.257	1.224	1.187	1.027	0.9769
107.5	1.484	1.456	1.426	1.395	1.360	1.297	1.273	1.251	1.078	1.008
110.0	1.534	1.514	1.486	1.455	1.415	1.337	1.323	1.315	1.128	1.038
112.5	1.587	1.574	1.543	1.515	1.466	1.374	1.376	1.378	1.179	1.069
115.0	1.637	1.631	1.602	1.576	1.513	1.410	1.432	1.441	1.229	1.100
117.5	1.685	1.671	1.650	1.636	1.560	1.445	1.490	1.504	1.280	1.130
120.0	1.734	1.706	1.680	1.676	1.617	1.506	1.561	1.568	1.330	1.161
122.5	1.778	1.736	1.710	1.720	1.692	1.624	1.684	1.650	1.397	1.216
125.0	1.815	1.760	1.743	1.778	1.786	1.743	1.804	1.727	1.464	1.273
127.5	1.843	1.786	1.788	1.834	1.885	1.861	1.922	1.796	1.531	1.334
130.0	1.936	1.844	1.838	1.893	1.976	1.978	2.035	1.855	1.598	1.398
132.5	2.048	1.991	1.968	1.989	2.085	2.096	2.148	1.915	1.665	1.462
135.0	2.187	2.162	2.159	2.180	2.243	2.236	2.261	1.976	1.732	1.529
137.5	2.356	2.354	2.355	2.385	2.424	2.401	2.370	2.059	1.839	1.613
140.0	2.539	2.544	2.540	2.582	2.596	2.573	2.470	2.144	1.945	1.702
142.5	2.748	2.746	2.735	2.752	2.759	2.736	2.559	2.232	2.051	1.795
145.0	2.946	2.932	2.923	2.940	2.917	2.858	2.632	2.325	2.158	1.892
147.5	3.153	3.127	3.111	3.120	3.074	2.960	2.702	2.422	2.264	1.993
150.0	3.339	3.324	3.310	3.267	3.210	3.025	2.777	2.522	2.370	2.101
152.5	3.545	3.521	3.473	3.393	3.323	3.098	2.871	2.668	2.540	2.281
155.0	3.744	3.706	3.591	3.508	3.395	3.186	2.974	2.815	2.710	2.463
157.5	3.926	3.793	3.693	3.607	3.456	3.274	3.089	2.965	2.880	2.650
160.0	3.981	3.872	3.782	3.672	3.521	3.361	3.212	3.117	3.050	2.841
162.5	3.941	3.911	3.845	3.726	3.591	3.454	3.338	3.270	3.220	3.038
165.0	3.880	3.843	3.784	3.709	3.615	3.534	3.463	3.420	3.389	3.236
167.5	3.809	3.768	3.714	3.651	3.582	3.522	3.470	3.440	3.414	3.312
170.0	3.734	3.698	3.659	3.603	3.559	3.517	3.481	3.460	3.438	3.373
172.5	3.675	3.634	3.601	3.576	3.544	3.512	3.495	3.479	3.462	3.423
175.0	3.609	3.592	3.570	3.546	3.532	3.521	3.509	3.497	3.486	3.466
177.5	3.557	3.552	3.546	3.541	3.534	3.528	3.522	3.516	3.510	3.503
180.0	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-19

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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1263	1264	1265	1267	1269	1271	1273	1276	1279	1282
5.0	1219	1220	1223	1226	1229	1234	1238	1243	1249	1254
7.5	1174	1176	1180	1184	1188	1193	1198	1202	1207	1213
10.0	1129	1132	1136	1140	1143	1144	1147	1151	1156	1163
12.5	1084	1087	1090	1091	1090	1092	1095	1099	1103	1106
15.0	1039	1041	1041	1038	1038	1040	1040	1037	1033	1030
17.5	975.8	978.6	978.3	979.7	984.4	982.3	972.6	963.1	957.5	957.2
20.0	910.4	911.6	910.2	911.2	910.4	904.1	898.1	895.1	895.8	900.4
22.5	844.9	844.0	841.9	839.3	832.7	825.4	825.2	832.8	843.8	850.4
25.0	778.8	777.0	772.2	765.2	757.7	755.6	761.6	771.2	784.9	800.2
27.5	712.5	710.0	700.8	692.8	689.5	693.2	700.4	709.7	718.1	725.7
30.0	646.4	641.6	629.0	624.8	627.2	633.1	638.2	640.2	641.9	644.8
32.5	577.7	571.6	560.6	561.9	568.2	572.4	569.7	565.8	567.3	575.1
35.0	508.9	502.6	496.6	501.4	508.9	507.3	496.4	495.7	503.3	507.5
37.5	440.4	435.6	434.7	442.2	449.0	441.8	429.3	435.6	443.1	442.3
40.0	372.2	370.6	374.5	383.9	389.8	381.8	379.1	383.0	387.0	389.2
42.5	304.5	307.4	315.3	326.4	332.4	329.5	333.7	337.9	338.6	343.1
45.0	237.5	245.8	257.0	270.2	278.7	283.3	290.9	295.6	297.8	299.1
47.5	211.6	211.3	211.1	215.8	229.9	241.0	250.6	256.6	260.1	259.6
50.0	194.3	194.3	194.2	194.5	195.1	200.9	212.9	221.3	224.4	225.0
52.5	177.2	177.3	177.5	178.1	178.7	178.5	178.3	188.4	190.8	196.0
55.0	160.0	160.4	161.0	161.8	162.6	162.2	160.9	158.0	160.6	167.3
57.5	142.9	143.7	144.6	145.7	146.7	145.9	143.5	139.0	133.4	139.0
60.0	125.9	127.0	128.3	129.7	131.0	129.2	125.9	120.9	116.3	113.1
62.5	113.0	113.3	113.7	114.1	115.7	112.5	108.4	104.1	100.4	97.42
65.0	100.9	101.2	101.6	102.0	102.2	96.11	91.39	86.24	85.61	83.29
67.5	88.80	89.16	89.57	90.05	89.51	83.36	77.53	73.37	71.79	70.19
70.0	76.69	77.10	77.57	78.10	76.81	71.12	66.24	62.25	59.11	58.01
72.5	64.59	65.05	65.60	66.20	64.12	59.32	55.43	51.91	49.06	47.22
75.0	52.50	53.02	53.66	54.31	51.65	47.92	44.96	41.87	39.37	38.19
77.5	43.64	43.75	43.87	43.85	40.27	36.84	34.79	32.06	30.10	29.58
80.0	35.09	35.15	35.24	35.14	32.11	29.21	26.76	23.45	21.18	21.35
82.5	26.54	26.54	26.61	26.47	24.08	21.89	20.00	17.45	15.64	14.85
85.0	17.98	17.94	17.99	17.84	16.17	14.68	13.39	11.66	10.52	9.982
87.5	9.433	9.344	9.363	9.229	8.322	7.537	6.877	6.024	5.472	5.199
90.0	0.8823	0.7470	0.7423	0.6300	0.5134	0.4342	0.4155	0.4575	0.4622	0.4622
92.5	0.9084	0.7967	0.7927	0.6818	0.5573	0.4858	0.4642	0.5071	0.5178	0.5285
95.0	0.9345	0.8474	0.8430	0.7360	0.6030	0.5381	0.5128	0.5563	0.5724	0.5944
97.5	0.9607	0.8982	0.8933	0.7930	0.6511	0.5909	0.5612	0.6041	0.6243	0.6593
100.0	0.9868	0.9486	0.9436	0.8533	0.7022	0.6441	0.6092	0.6498	0.6756	0.7444
102.5	1.013	0.9979	0.9940	0.9173	0.7568	0.6978	0.6641	0.6998	0.7614	0.8443
105.0	1.040	1.047	1.042	0.9864	0.8284	0.7548	0.7311	0.7553	0.8427	0.9398
107.5	1.075	1.099	1.087	1.049	0.9048	0.8100	0.7945	0.8181	0.9198	1.022
110.0	1.107	1.151	1.132	1.108	0.9868	0.8726	0.8537	0.8808	0.9846	1.077
112.5	1.136	1.202	1.179	1.165	1.070	0.9495	0.9219	0.9462	1.037	1.117
115.0	1.161	1.254	1.228	1.218	1.159	1.031	0.9968	1.013	1.075	1.163
117.5	1.187	1.305	1.279	1.263	1.255	1.137	1.084	1.083	1.137	1.213
120.0	1.215	1.345	1.330	1.318	1.309	1.231	1.176	1.149	1.198	1.261
122.5	1.248	1.359	1.371	1.374	1.350	1.298	1.271	1.235	1.260	1.276
125.0	1.283	1.373	1.396	1.433	1.402	1.370	1.379	1.364	1.301	1.294
127.5	1.317	1.386	1.414	1.491	1.481	1.424	1.457	1.443	1.336	1.312
130.0	1.351	1.400	1.422	1.543	1.557	1.468	1.478	1.485	1.419	1.373
132.5	1.383	1.416	1.431	1.573	1.597	1.541	1.501	1.522	1.520	1.428
135.0	1.419	1.453	1.479	1.601	1.624	1.603	1.576	1.538	1.563	1.530
137.5	1.493	1.514	1.548	1.620	1.663	1.653	1.640	1.559	1.587	1.610
140.0	1.572	1.575	1.617	1.641	1.708	1.677	1.719	1.684	1.605	1.631
142.5	1.653	1.634	1.680	1.689	1.733	1.710	1.720	1.773	1.679	1.664
145.0	1.737	1.693	1.720	1.754	1.768	1.784	1.756	1.826	1.814	1.738
147.5	1.815	1.753	1.770	1.836	1.821	1.830	1.808	1.842	1.904	1.885
150.0	1.898	1.859	1.846	1.885	1.885	1.880	1.884	1.876	1.926	1.976
152.5	2.057	1.992	1.934	1.928	1.951	1.942	1.941	1.932	1.948	2.005
155.0	2.228	2.128	2.034	2.014	2.002	2.016	2.004	2.003	1.987	2.007
157.5	2.418	2.276	2.171	2.122	2.084	2.068	2.083	2.072	2.073	2.046
160.0	2.623	2.441	2.336	2.240	2.202	2.157	2.133	2.161	2.144	2.129
162.5	2.833	2.646	2.513	2.407	2.340	2.306	2.283	2.254	2.250	2.250
165.0	3.041	2.864	2.716	2.620	2.546	2.505	2.486	2.467	2.450	2.426
167.5	3.172	3.042	2.926	2.838	2.777	2.738	2.687	2.692	2.680	2.671
170.0	3.286	3.198	3.115	3.045	2.995	2.957	2.938	2.933	2.908	2.902
172.5	3.379	3.332	3.280	3.233	3.192	3.164	3.149	3.138	3.132	3.136
175.0	3.448	3.428	3.409	3.391	3.368	3.349	3.333	3.322	3.315	3.314
177.5	3.497	3.492	3.487	3.483	3.480	3.478	3.477	3.477	3.478	3.479
180.0	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534	3.534

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-19

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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1285	1289	1293	1296	1300	1304	1308	1304	1301	1297
5.0	1260	1266	1273	1280	1288	1296	1304	1296	1289	1282
7.5	1219	1226	1234	1243	1253	1264	1275	1265	1254	1245
10.0	1171	1179	1189	1199	1212	1225	1241	1226	1213	1201
12.5	1110	1114	1121	1130	1142	1156	1173	1157	1144	1133
15.0	1030	1034	1041	1052	1066	1082	1101	1083	1068	1055
17.5	961.7	970.1	981.1	994.7	1011	1030	1051	1031	1013	998.1
20.0	907.7	918.1	931.2	946.4	964.2	984.7	1008	985.7	966.2	949.4
22.5	858.7	867.9	878.5	890.9	907.1	927.0	952.0	928.2	909.6	894.5
25.0	801.8	803.1	806.4	813.7	826.2	844.4	869.1	845.0	827.6	816.3
27.5	729.5	726.1	728.6	735.7	747.9	766.4	791.5	765.9	746.4	734.2
30.0	653.9	658.5	656.1	659.8	670.7	688.6	714.8	691.0	674.5	663.4
32.5	580.4	579.1	576.3	578.5	584.3	597.4	617.3	598.9	587.5	584.8
35.0	504.5	509.3	514.5	518.4	527.7	542.2	561.9	543.5	530.3	522.4
37.5	445.6	455.1	469.2	473.8	481.8	494.6	513.3	495.7	484.1	477.8
40.0	396.3	407.7	422.7	429.2	434.9	445.9	463.3	446.6	436.4	431.8
42.5	350.6	360.5	375.0	383.6	385.5	393.8	410.0	394.9	387.2	385.7
45.0	305.0	317.6	328.4	334.5	333.6	338.8	351.2	340.3	336.7	336.7
47.5	266.3	278.3	282.4	289.7	290.2	292.3	300.3	293.1	292.1	294.4
50.0	234.7	239.8	243.7	254.1	258.9	259.0	263.7	259.8	260.5	259.9
52.5	202.6	205.3	210.5	223.5	234.4	234.1	238.8	234.8	235.6	232.9
55.0	171.6	173.6	180.0	195.2	212.7	212.3	218.6	214.1	214.7	209.0
57.5	143.6	145.9	151.0	166.9	185.5	187.4	198.2	193.7	194.2	187.1
60.0	118.7	121.8	124.2	137.6	152.4	161.2	177.0	172.8	172.0	166.2
62.5	97.13	100.8	103.3	110.9	122.3	134.5	155.3	151.8	150.6	146.4
65.0	81.22	82.55	85.02	88.18	97.16	110.4	135.0	131.6	129.6	128.1
67.5	68.57	67.06	69.18	70.49	76.09	86.78	113.8	111.7	110.4	109.2
70.0	57.05	55.59	55.51	56.57	59.43	66.91	96.92	95.47	94.02	92.22
72.5	46.44	44.99	44.44	44.59	45.93	48.92	81.00	79.87	79.24	76.68
75.0	37.00	35.24	34.94	33.78	34.01	34.23	63.77	62.51	62.54	61.19
77.5	28.73	26.88	26.44	25.65	25.18	24.63	43.04	47.69	47.35	46.68
80.0	21.07	20.09	19.54	19.60	18.79	18.41	18.15	35.83	34.99	34.29
82.5	14.06	13.83	13.85	14.66	14.82	13.24	12.28	24.57	23.92	23.37
85.0	9.427	8.838	8.745	9.452	10.31	9.910	6.918	14.07	13.94	13.24
87.5	4.914	4.642	4.665	4.746	4.488	4.595	2.370	5.293	4.954	5.770
90.0	0.4622	0.5183	0.5928	0.5182	0.4389	0.3451	0.1549	0.1027	0.1353	0.1494
92.5	0.5471	0.6411	0.7419	0.7413	0.7315	0.8533	0.0934	0.1006	0.1046	0.1226
95.0	0.6285	0.7531	0.8875	0.9900	1.103	1.433	0.0934	0.1080	0.1027	0.1062
97.5	0.7030	0.8614	1.088	1.257	1.462	1.468	0.0934	0.1036	0.1227	0.1036
100.0	0.8251	0.9730	1.255	1.455	1.727	1.460	0.1211	0.1603	0.1514	0.1265
102.5	0.9465	1.092	1.327	1.563	1.567	1.372	0.1587	0.1768	0.1682	0.1800
105.0	1.059	1.193	1.371	1.556	1.432	1.340	0.1587	0.2038	0.1860	0.2116
107.5	1.133	1.265	1.412	1.414	1.298	1.375	0.2053	0.2557	0.2198	0.2379
110.0	1.180	1.341	1.415	1.356	1.333	1.478	0.2333	0.2796	0.2539	0.2731
112.5	1.227	1.347	1.376	1.305	1.379	1.575	0.2776	0.3146	0.3109	0.2939
115.0	1.265	1.321	1.344	1.300	1.429	1.617	0.3127	0.3549	0.3579	0.3317
117.5	1.277	1.312	1.299	1.347	1.479	1.549	0.3687	0.3962	0.4064	0.3911
120.0	1.281	1.319	1.290	1.399	1.525	1.267	0.4569	0.4598	0.4695	0.4502
122.5	1.295	1.319	1.359	1.451	1.577	1.207	0.4876	0.5097	0.5401	0.5149
125.0	1.311	1.330	1.409	1.511	1.553	1.205	0.5367	0.5611	0.5977	0.5816
127.5	1.323	1.362	1.447	1.547	1.497	1.178	0.6113	0.6290	0.6586	0.6568
130.0	1.340	1.412	1.493	1.576	1.455	1.177	0.6815	0.7037	0.7324	0.7354
132.5	1.401	1.496	1.554	1.627	1.429	1.159	0.7679	0.7743	0.7976	0.8249
135.0	1.466	1.512	1.657	1.687	1.458	1.242	0.8401	0.8511	0.8762	0.9133
137.5	1.583	1.519	1.592	1.657	1.508	1.308	0.9473	0.9485	0.9654	0.9990
140.0	1.650	1.662	1.598	1.505	1.414	1.292	1.045	1.050	1.069	1.094
142.5	1.673	1.689	1.708	1.613	1.443	1.320	1.157	1.157	1.172	1.195
145.0	1.727	1.724	1.672	1.563	1.450	1.335	1.270	1.269	1.283	1.305
147.5	1.835	1.817	1.692	1.586	1.476	1.375	1.384	1.381	1.391	1.414
150.0	1.974	1.896	1.767	1.657	1.550	1.453	1.508	1.503	1.510	1.527
152.5	2.032	1.961	1.861	1.756	1.660	1.577	1.638	1.629	1.630	1.648
155.0	2.014	1.985	1.929	1.861	1.784	1.711	1.797	1.786	1.788	1.798
157.5	2.017	2.001	1.982	1.949	1.906	1.863	1.911	1.899	1.896	1.905
160.0	2.110	2.087	2.062	2.043	2.025	2.012	2.081	2.062	2.049	2.042
162.5	2.226	2.208	2.194	2.183	2.177	2.178	2.191	2.180	2.178	2.179
165.0	2.387	2.385	2.383	2.376	2.376	2.384	2.306	2.294	2.289	2.289
167.5	2.676	2.681	2.690	2.702	2.702	2.717	2.427	2.416	2.409	2.406
170.0	2.921	2.943	2.953	2.970	2.995	3.029	2.535	2.524	2.518	2.516
172.5	3.153	3.175	3.199	3.214	3.236	3.265	2.651	2.643	2.639	2.640
175.0	3.322	3.332	3.346	3.362	3.380	3.400	2.703	2.697	2.692	2.689
177.5	3.478	3.478	3.480	3.483	3.487	3.492	2.757	2.753	2.750	2.748
180.0	3.534	3.534	3.534	3.534	3.534	3.534	2.801	2.801	2.801	2.801

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-19

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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1293	1290	1286	1283	1280	1277	1275	1272	1270	1269
5.0	1275	1268	1263	1257	1252	1247	1242	1237	1233	1230
7.5	1237	1229	1223	1217	1212	1208	1204	1199	1195	1190
10.0	1192	1183	1175	1168	1163	1159	1156	1153	1152	1149
12.5	1125	1119	1115	1112	1109	1107	1105	1103	1103	1103
15.0	1045	1040	1037	1038	1041	1046	1049	1051	1052	1053
17.5	985.6	975.7	968.7	966.0	967.8	974.3	984.3	993.9	998.4	995.7
20.0	935.4	923.9	915.0	909.0	906.0	907.7	911.6	917.3	923.1	925.2
22.5	883.2	873.4	865.3	858.9	854.5	844.0	837.9	839.1	846.4	852.8
25.0	810.6	809.3	809.5	808.5	793.5	781.3	772.6	768.5	771.7	779.3
27.5	728.7	729.5	735.9	734.7	726.8	717.8	710.3	704.5	702.9	707.4
30.0	655.8	654.5	655.0	651.3	651.3	649.1	646.4	643.1	639.3	639.3
32.5	586.4	587.3	581.1	577.6	575.1	576.0	578.2	581.1	579.0	575.6
35.0	520.4	519.1	515.2	512.5	509.3	505.2	506.9	515.0	518.1	512.7
37.5	474.5	461.9	454.1	452.0	451.3	445.2	440.2	449.9	456.4	451.2
40.0	427.9	415.5	404.9	398.0	395.9	393.7	388.3	390.4	395.9	391.2
42.5	379.9	369.8	361.3	353.2	346.9	347.5	342.0	337.1	337.9	332.3
45.0	334.2	327.0	319.1	312.3	307.1	302.5	298.7	289.5	283.8	274.9
47.5	291.9	288.7	280.8	275.8	271.4	264.1	257.6	246.1	234.1	219.5
50.0	256.3	254.9	249.5	242.7	238.2	229.5	219.0	205.2	198.4	197.9
52.5	228.7	226.7	221.9	214.9	207.8	198.1	184.3	182.5	181.7	181.1
55.0	204.9	202.1	196.2	189.4	180.6	170.3	168.0	166.3	165.3	164.5
57.5	183.4	178.7	172.9	165.6	156.8	154.5	152.3	150.5	149.1	148.0
60.0	162.8	157.3	151.4	143.8	141.2	139.1	136.9	134.9	133.2	131.7
62.5	142.4	137.5	131.7	128.1	126.0	123.9	121.6	119.5	117.5	115.8
65.0	123.5	119.2	115.3	113.2	111.1	108.9	106.6	104.7	104.1	103.6
67.5	106.1	102.5	100.6	98.72	96.65	94.32	93.25	92.58	91.96	91.48
70.0	89.97	87.78	86.61	84.69	82.69	81.82	81.27	80.57	79.94	79.40
72.5	75.16	73.57	73.06	71.22	70.09	69.62	69.41	68.67	67.99	67.37
75.0	60.67	59.69	59.77	58.11	57.54	57.44	57.59	56.86	56.09	55.39
77.5	46.69	46.24	46.47	44.95	45.13	45.28	45.84	45.11	44.88	44.80
80.0	34.01	33.92	33.56	31.97	32.82	34.12	35.79	35.96	35.89	35.84
82.5	22.84	22.30	21.35	21.78	24.17	25.43	26.77	26.96	26.92	26.89
85.0	12.78	13.59	14.15	14.47	16.05	16.90	17.83	17.99	17.97	17.95
87.5	0.371	0.797	0.094	0.257	0.040	0.469	0.949	0.039	0.030	0.022
90.0	0.1494	0.1124	0.1073	0.0934	0.0934	0.0934	0.0934	0.0934	0.0934	0.0934
92.5	0.1290	0.1137	0.1130	0.1043	0.1067	0.1068	0.1076	0.1057	0.1050	0.1045
95.0	0.1092	0.1153	0.1186	0.1158	0.1199	0.1212	0.1218	0.1180	0.1167	0.1157
97.5	0.1220	0.1295	0.1256	0.1284	0.1330	0.1376	0.1359	0.1303	0.1283	0.1268
100.0	0.1377	0.1324	0.1393	0.1461	0.1466	0.1570	0.1498	0.1425	0.1399	0.1379
102.5	0.1606	0.1411	0.1544	0.1693	0.1673	0.1763	0.1701	0.1556	0.1515	0.1490
105.0	0.2094	0.1746	0.1745	0.1949	0.1875	0.1954	0.2022	0.1870	0.1773	0.1701
107.5	0.2469	0.2253	0.2173	0.2200	0.2071	0.2184	0.2349	0.2181	0.2070	0.2002
110.0	0.2880	0.2752	0.2683	0.2559	0.2261	0.2484	0.2669	0.2488	0.2365	0.2316
112.5	0.3177	0.3263	0.3146	0.2990	0.2740	0.2865	0.2963	0.2792	0.2658	0.2641
115.0	0.3468	0.3657	0.3643	0.3480	0.3320	0.3507	0.3349	0.3091	0.2950	0.2948
117.5	0.3987	0.4015	0.4093	0.3955	0.3901	0.3986	0.3840	0.3630	0.3395	0.3253
120.0	0.4443	0.4523	0.4542	0.4524	0.4485	0.4500	0.4361	0.4227	0.4063	0.4003
122.5	0.4964	0.4960	0.5048	0.5102	0.5031	0.5042	0.4929	0.4820	0.4757	0.4765
125.0	0.5669	0.5679	0.5546	0.5623	0.5595	0.5584	0.5524	0.5421	0.5474	0.5495
127.5	0.6402	0.6109	0.6257	0.6293	0.6291	0.6227	0.6223	0.6104	0.6193	0.6219
130.0	0.7092	0.7143	0.6953	0.6911	0.7028	0.6998	0.7015	0.6916	0.6929	0.6947
132.5	0.8069	0.7807	0.7679	0.7731	0.7823	0.7843	0.7798	0.7903	0.7885	0.7796
135.0	0.8946	0.8765	0.8700	0.8718	0.8656	0.8815	0.8780	0.8861	0.8890	0.8889
137.5	1.001	0.9838	0.9716	0.9613	0.9605	0.9686	0.9748	0.9889	0.9904	1.001
140.0	1.119	1.096	1.081	1.077	1.078	1.080	1.085	1.116	1.101	1.112
142.5	1.234	1.217	1.204	1.199	1.186	1.189	1.193	1.209	1.220	1.232
145.0	1.338	1.343	1.332	1.314	1.313	1.314	1.347	1.326	1.348	1.369
147.5	1.443	1.482	1.461	1.455	1.449	1.465	1.452	1.459	1.468	1.487
150.0	1.553	1.592	1.612	1.593	1.593	1.593	1.593	1.608	1.615	1.623
152.5	1.678	1.713	1.742	1.743	1.739	1.735	1.746	1.743	1.760	1.775
155.0	1.800	1.819	1.858	1.896	1.891	1.894	1.888	1.899	1.904	1.917
157.5	1.925	1.950	1.973	2.010	2.053	2.043	2.044	2.050	2.057	2.061
160.0	2.047	2.065	2.097	2.118	2.147	2.183	2.205	2.203	2.207	2.211
162.5	2.177	2.183	2.199	2.224	2.251	2.280	2.307	2.340	2.362	2.366
165.0	2.296	2.302	2.314	2.330	2.347	2.367	2.393	2.418	2.445	2.470
167.5	2.406	2.409	2.416	2.427	2.444	2.461	2.472	2.505	2.518	2.529
170.0	2.517	2.521	2.521	2.522	2.539	2.564	2.567	2.570	2.574	2.586
172.5	2.644	2.639	2.632	2.627	2.623	2.620	2.622	2.630	2.636	2.639
175.0	2.687	2.686	2.686	2.687	2.687	2.686	2.686	2.687	2.689	2.693
177.5	2.745	2.744	2.742	2.741	2.740	2.739	2.739	2.739	2.740	2.740
180.0	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-19

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	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1267	1266	1265	1265	1265	1265	1266	1266	1268	1269
5.0	1227	1224	1223	1222	1222	1222	1223	1224	1226	1228
7.5	1186	1183	1180	1179	1178	1179	1180	1182	1183	1184
10.0	1145	1141	1138	1136	1135	1136	1137	1138	1137	1136
12.5	1102	1099	1095	1093	1092	1093	1093	1092	1089	1087
15.0	1055	1056	1053	1049	1049	1049	1049	1045	1041	1037
17.5	994.3	993.7	990.7	985.9	984.5	985.3	985.2	981.1	979.1	976.3
20.0	925.1	926.4	925.6	921.9	920.4	920.8	918.1	912.8	908.1	901.3
22.5	855.5	858.1	860.3	857.7	856.3	856.1	851.2	843.8	835.9	824.8
25.0	785.2	789.5	794.0	793.3	792.3	791.1	784.1	774.0	763.3	749.6
27.5	714.6	720.9	727.1	728.8	728.2	725.8	716.6	703.8	691.0	679.4
30.0	644.2	651.7	660.1	664.0	664.1	660.5	649.0	633.7	620.6	614.6
32.5	575.6	581.8	589.1	592.5	592.2	589.1	578.2	564.7	554.5	553.3
35.0	509.5	512.7	518.1	521.0	520.3	517.6	508.1	497.3	491.5	493.1
37.5	445.3	445.1	448.0	449.5	448.4	446.3	439.1	431.7	430.2	434.0
40.0	382.9	378.9	378.5	378.1	376.5	375.2	371.2	368.0	370.4	375.5
42.5	321.8	314.9	309.9	306.8	304.6	304.4	304.3	305.9	312.0	319.1
45.0	261.8	259.4	242.0	235.7	232.7	234.0	238.6	245.3	254.8	264.8
47.5	214.8	215.0	215.6	215.7	215.1	214.1	212.7	211.2	209.8	213.2
50.0	197.6	197.6	197.9	198.0	197.4	196.6	195.4	194.1	193.0	192.5
52.5	180.6	180.4	180.4	180.3	179.8	179.0	178.1	177.1	176.4	176.1
55.0	163.7	163.2	162.9	162.6	162.1	161.5	160.9	160.3	159.9	159.9
57.5	147.0	146.1	145.5	145.0	144.5	144.1	143.7	143.5	143.6	143.9
60.0	130.3	129.1	128.1	127.3	126.8	126.6	126.6	126.9	127.4	128.1
62.5	115.5	115.2	115.0	114.8	114.5	114.1	113.7	113.2	112.9	112.6
65.0	103.3	103.0	102.8	102.5	102.3	101.9	101.5	101.1	100.8	100.5
67.5	91.10	90.77	90.49	90.24	89.96	89.62	89.26	88.95	88.70	88.53
70.0	78.96	78.57	78.24	77.96	77.66	77.36	77.08	76.85	76.69	76.60
72.5	66.84	66.37	65.99	65.68	65.37	65.12	64.91	64.76	64.71	64.73
75.0	54.74	54.20	53.75	53.40	53.07	52.87	52.74	52.70	52.76	52.91
77.5	44.71	44.64	44.59	44.49	44.24	44.03	43.73	43.39	43.02	42.62
80.0	35.78	35.73	35.72	35.66	35.41	35.26	35.03	34.76	34.45	34.12
82.5	26.85	26.81	26.86	26.82	26.58	26.50	26.33	26.14	25.90	25.65
85.0	17.92	17.90	18.00	17.99	17.75	17.74	17.64	17.53	17.36	17.19
87.5	9.005	8.996	9.136	9.150	8.916	8.979	8.943	8.915	8.834	8.746
90.0	0.0888	0.0887	0.2751	0.3128	0.0843	0.2194	0.2520	0.3081	0.3081	0.3081
92.5	0.1003	0.1000	0.2546	0.2862	0.0960	0.2085	0.2354	0.2815	0.2808	0.2798
95.0	0.1119	0.1112	0.2342	0.2597	0.1076	0.1975	0.2188	0.2550	0.2535	0.2515
97.5	0.1235	0.1225	0.2138	0.2331	0.1192	0.1866	0.2021	0.2284	0.2262	0.2232
100.0	0.1350	0.1338	0.1934	0.2066	0.1308	0.1757	0.1855	0.2019	0.1990	0.1950
102.5	0.1465	0.1450	0.1729	0.1800	0.1424	0.1647	0.1690	0.1753	0.1718	0.1669
105.0	0.1659	0.1614	0.1573	0.1549	0.1541	0.1549	0.1573	0.1614	0.1675	0.1765
107.5	0.2004	0.1991	0.1943	0.1915	0.1906	0.1915	0.1943	0.1991	0.2060	0.2175
110.0	0.2362	0.2367	0.2313	0.2282	0.2272	0.2282	0.2313	0.2367	0.2443	0.2577
112.5	0.2736	0.2742	0.2683	0.2649	0.2638	0.2649	0.2683	0.2742	0.2826	0.2969
115.0	0.3129	0.3116	0.3053	0.3016	0.3003	0.3016	0.3053	0.3116	0.3207	0.3367
117.5	0.3513	0.3489	0.3422	0.3382	0.3369	0.3382	0.3422	0.3489	0.3586	0.3762
120.0	0.4105	0.3994	0.3858	0.3767	0.3735	0.3764	0.3850	0.3988	0.4133	0.4403
122.5	0.4835	0.4757	0.4675	0.4621	0.4629	0.4552	0.4616	0.4731	0.4799	0.5052
125.0	0.5570	0.5524	0.5498	0.5479	0.5524	0.5339	0.5393	0.5472	0.5487	0.5696
127.5	0.6308	0.6302	0.6329	0.6340	0.6419	0.6125	0.6176	0.6215	0.6213	0.6328
130.0	0.7054	0.7108	0.7168	0.7206	0.7313	0.6912	0.6948	0.6966	0.6993	0.6960
132.5	0.7850	0.7934	0.8015	0.8077	0.8208	0.7698	0.7720	0.7723	0.7819	0.7668
135.0	0.8951	0.8916	0.8939	0.8969	0.9103	0.8512	0.8607	0.8758	0.9071	0.8938
137.5	1.009	1.014	1.018	1.024	1.042	0.9927	1.004	1.018	1.036	1.029
140.0	1.125	1.134	1.144	1.151	1.173	1.134	1.147	1.157	1.170	1.170
142.5	1.244	1.254	1.271	1.277	1.305	1.276	1.289	1.300	1.308	1.318
145.0	1.380	1.379	1.399	1.403	1.436	1.418	1.433	1.446	1.453	1.456
147.5	1.511	1.506	1.527	1.529	1.568	1.560	1.575	1.590	1.597	1.598
150.0	1.638	1.642	1.660	1.656	1.699	1.700	1.715	1.733	1.732	1.733
152.5	1.773	1.790	1.803	1.802	1.839	1.840	1.848	1.866	1.871	1.872
155.0	1.919	1.937	1.947	1.950	1.979	1.981	1.985	1.994	2.006	2.004
157.5	2.069	2.085	2.092	2.099	2.119	2.121	2.124	2.125	2.140	2.146
160.0	2.222	2.233	2.236	2.246	2.259	2.262	2.263	2.259	2.271	2.286
162.5	2.375	2.380	2.382	2.392	2.399	2.402	2.405	2.400	2.401	2.418
165.0	2.490	2.508	2.525	2.536	2.540	2.541	2.538	2.528	2.511	2.507
167.5	2.544	2.555	2.573	2.576	2.583	2.588	2.590	2.586	2.579	2.571
170.0	2.595	2.605	2.615	2.618	2.627	2.634	2.638	2.639	2.638	2.637
172.5	2.646	2.654	2.656	2.662	2.670	2.678	2.685	2.689	2.690	2.692
175.0	2.695	2.697	2.700	2.707	2.714	2.721	2.729	2.733	2.737	2.741
177.5	2.742	2.746	2.749	2.753	2.757	2.762	2.766	2.771	2.777	2.781
180.0	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-19

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

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
2.5	1270	1272	1274	1277	1279	1282	1285	1288	1291	1295
5.0	1230	1233	1236	1238	1241	1245	1249	1253	1259	1264
7.5	1185	1186	1188	1190	1193	1198	1203	1209	1216	1223
10.0	1136	1136	1137	1139	1140	1142	1145	1149	1153	1160
12.5	1085	1083	1081	1077	1072	1068	1064	1064	1067	1073
15.0	1032	1024	1014	1002	992.7	988.4	988.8	993.5	1001	1011
17.5	971.1	957.6	941.0	931.2	927.5	928.4	933.0	940.5	950.6	963.2
20.0	890.0	878.3	874.9	874.9	874.9	878.8	884.7	892.2	900.9	911.8
22.5	811.0	805.5	807.8	816.2	827.7	829.8	831.9	834.0	836.9	841.4
25.0	740.5	740.1	745.5	753.7	763.6	773.2	765.0	758.6	757.1	761.3
27.5	675.8	678.2	682.3	686.0	689.4	690.6	691.8	685.0	684.4	689.4
30.0	614.8	615.8	614.0	612.7	611.2	613.2	617.2	616.2	612.0	608.1
32.5	554.0	549.8	542.5	539.4	541.3	543.8	545.4	548.1	540.6	540.2
35.0	492.5	479.2	472.7	475.3	478.9	479.0	479.5	486.2	492.4	495.4
37.5	431.5	418.7	412.3	418.5	420.3	421.3	427.5	438.7	451.5	451.9
40.0	372.7	365.5	366.3	367.2	369.0	374.8	383.1	393.3	405.2	406.8
42.5	318.7	318.3	323.0	323.4	326.5	332.5	340.4	349.4	357.7	359.5
45.0	269.8	275.5	281.5	285.1	289.7	292.5	301.1	308.5	312.2	313.3
47.5	225.0	235.5	243.3	250.5	255.6	259.6	266.6	271.5	272.5	274.9
50.0	192.2	197.6	208.9	218.4	224.8	230.8	236.8	240.2	240.8	244.9
52.5	175.9	176.1	177.3	180.0	197.1	204.3	210.2	214.5	215.9	219.8
55.0	159.9	160.4	161.5	163.1	172.0	179.7	185.8	191.1	193.5	197.5
57.5	144.3	144.9	146.2	147.7	149.2	157.0	163.4	168.6	172.7	176.0
60.0	128.8	129.8	131.1	132.5	134.0	136.1	142.7	147.9	152.4	154.9
62.5	113.6	114.8	116.3	117.8	119.2	120.8	123.8	128.8	132.0	135.3
65.0	100.4	100.4	101.6	103.2	104.7	106.3	107.8	110.9	114.1	116.2
67.5	88.45	88.49	88.59	89.02	90.61	92.12	93.61	94.69	97.26	98.61
70.0	76.61	76.68	76.83	76.99	77.11	78.43	79.84	80.73	82.13	83.30
72.5	64.82	64.99	65.19	65.38	65.52	65.69	66.60	67.54	68.61	69.35
75.0	53.12	53.39	53.68	53.94	54.16	54.32	54.44	54.99	55.75	56.61
77.5	42.19	41.88	42.30	42.68	42.99	43.21	43.27	43.33	43.72	44.24
80.0	33.77	33.37	32.92	32.40	31.99	32.31	32.37	32.34	32.41	32.55
82.5	25.37	25.06	24.69	24.28	23.73	23.01	21.87	21.69	21.66	21.62
85.0	17.00	16.78	16.53	16.23	15.85	15.33	14.50	13.33	11.71	11.35
87.5	8.651	8.537	8.398	8.242	8.037	7.758	7.323	6.691	5.821	4.562
90.0	0.3081	0.3035	0.2895	0.2754	0.2615	0.2475	0.2381	0.2194	0.1961	0.1915
92.5	0.2785	0.2731	0.2615	0.2479	0.2302	0.2166	0.2024	0.1845	0.1666	0.1563
95.0	0.2489	0.2427	0.2340	0.2206	0.1993	0.1860	0.1670	0.1503	0.1380	0.1418
97.5	0.2193	0.2125	0.2070	0.1934	0.1684	0.1553	0.1325	0.1415	0.1516	0.1550
100.0	0.1899	0.1825	0.1803	0.1665	0.1431	0.1563	0.1589	0.1684	0.1736	0.1633
102.5	0.1606	0.1558	0.1747	0.1812	0.1779	0.1878	0.1900	0.2000	0.1902	0.1686
105.0	0.1848	0.1935	0.2067	0.2156	0.2156	0.2226	0.2201	0.2296	0.2094	0.2111
107.5	0.2242	0.2326	0.2417	0.2520	0.2534	0.2587	0.2531	0.2492	0.2312	0.2523
110.0	0.2633	0.2722	0.2800	0.2882	0.2853	0.2910	0.2922	0.2737	0.2766	0.2964
112.5	0.3036	0.3123	0.3191	0.3241	0.3209	0.3216	0.3313	0.3062	0.3353	0.3538
115.0	0.3450	0.3532	0.3609	0.3702	0.3557	0.3594	0.3605	0.3613	0.3833	0.4031
117.5	0.3948	0.3995	0.4075	0.4084	0.4017	0.4050	0.3992	0.4374	0.4462	0.4445
120.0	0.4506	0.4485	0.4571	0.4489	0.4591	0.4414	0.4657	0.4923	0.5118	0.5017
122.5	0.5037	0.5047	0.5057	0.4964	0.5125	0.5109	0.5441	0.5606	0.5754	0.5605
125.0	0.5641	0.5698	0.5540	0.5514	0.5765	0.5997	0.6162	0.6288	0.6335	0.6382
127.5	0.6236	0.6296	0.6069	0.6507	0.6564	0.6871	0.6964	0.7178	0.7109	0.6988
130.0	0.7036	0.6943	0.7117	0.7393	0.7480	0.7719	0.7922	0.7889	0.7862	0.8039
132.5	0.8195	0.7982	0.8307	0.8381	0.8580	0.8698	0.8762	0.8876	0.8796	0.8739
135.0	0.9303	0.9270	0.9442	0.9480	0.9666	0.9741	0.9696	0.9747	0.9895	0.9822
137.5	1.049	1.055	1.059	1.069	1.080	1.081	1.075	1.078	1.088	1.092
140.0	1.176	1.194	1.186	1.193	1.194	1.198	1.199	1.196	1.219	1.202
142.5	1.311	1.317	1.320	1.318	1.314	1.316	1.329	1.330	1.340	1.324
145.0	1.454	1.453	1.455	1.449	1.449	1.442	1.452	1.478	1.466	1.458
147.5	1.597	1.589	1.583	1.587	1.581	1.591	1.588	1.606	1.594	1.596
150.0	1.732	1.731	1.725	1.726	1.731	1.730	1.745	1.736	1.718	1.718
152.5	1.867	1.872	1.869	1.870	1.879	1.883	1.899	1.871	1.867	1.863
155.0	2.007	2.012	2.028	2.020	2.028	2.038	2.028	2.030	2.036	2.035
157.5	2.150	2.149	2.161	2.186	2.180	2.166	2.150	2.149	2.162	2.179
160.0	2.284	2.297	2.300	2.308	2.283	2.290	2.270	2.278	2.281	2.293
162.5	2.434	2.418	2.412	2.397	2.384	2.380	2.369	2.384	2.389	2.400
165.0	2.509	2.507	2.495	2.487	2.485	2.480	2.476	2.482	2.491	2.497
167.5	2.571	2.575	2.579	2.578	2.574	2.572	2.577	2.583	2.592	2.603
170.0	2.635	2.636	2.641	2.648	2.654	2.660	2.666	2.674	2.681	2.692
172.5	2.695	2.698	2.702	2.707	2.713	2.720	2.730	2.740	2.751	2.762
175.0	2.744	2.748	2.752	2.757	2.762	2.769	2.775	2.783	2.791	2.800
177.5	2.784	2.787	2.790	2.794	2.798	2.801	2.805	2.808	2.812	2.816
180.0	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801	2.801

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-01-19

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	1308	1308
2.5	1298	1302
5.0	1271	1278
7.5	1232	1241
10.0	1168	1179
12.5	1083	1095
15.0	1024	1039
17.5	977.8	994.5
20.0	925.5	942.6
22.5	850.9	865.8
25.0	771.1	786.4
27.5	699.8	713.7
30.0	610.3	618.9
32.5	546.4	558.3
35.0	501.9	512.9
37.5	456.4	465.6
40.0	408.4	415.2
42.5	357.2	359.9
45.0	308.3	308.8
47.5	271.8	272.2
50.0	245.3	245.6
52.5	223.4	224.0
55.0	203.3	203.3
57.5	182.5	182.1
60.0	160.1	160.5
62.5	138.8	140.0
65.0	118.4	118.9
67.5	99.90	101.3
70.0	84.51	86.15
72.5	70.33	71.78
75.0	56.85	57.56
77.5	44.34	44.57
80.0	33.10	32.68
82.5	21.51	21.28
85.0	11.12	11.15
87.5	2.485	2.270
90.0	0.1821	0.1681
92.5	0.1381	0.1432
95.0	0.1427	0.1502
97.5	0.1536	0.1599
100.0	0.1645	0.1632
102.5	0.1891	0.1717
105.0	0.2304	0.2067
107.5	0.2694	0.2316
110.0	0.3001	0.2970
112.5	0.3467	0.3227
115.0	0.3839	0.3957
117.5	0.4316	0.4381
120.0	0.4935	0.4924
122.5	0.5468	0.5697
125.0	0.6245	0.6429
127.5	0.7016	0.7250
130.0	0.7790	0.7966
132.5	0.8785	0.8973
135.0	0.9870	0.9994
137.5	1.104	1.115
140.0	1.209	1.231
142.5	1.336	1.353
145.0	1.462	1.478
147.5	1.605	1.620
150.0	1.725	1.743
152.5	1.867	1.890
155.0	2.043	2.064
157.5	2.211	2.249
160.0	2.314	2.344
162.5	2.423	2.451
165.0	2.510	2.529
167.5	2.617	2.635
170.0	2.706	2.722
172.5	2.774	2.787
175.0	2.810	2.819
177.5	2.820	2.825
180.0	2.801	2.801

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-19

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: