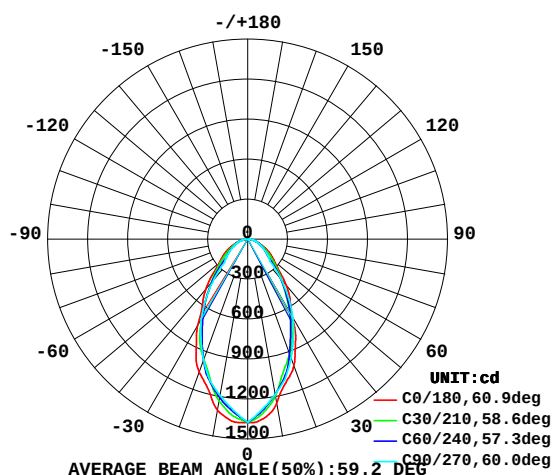


LUMINAIRE PHOTOMETRIC TEST REPORT

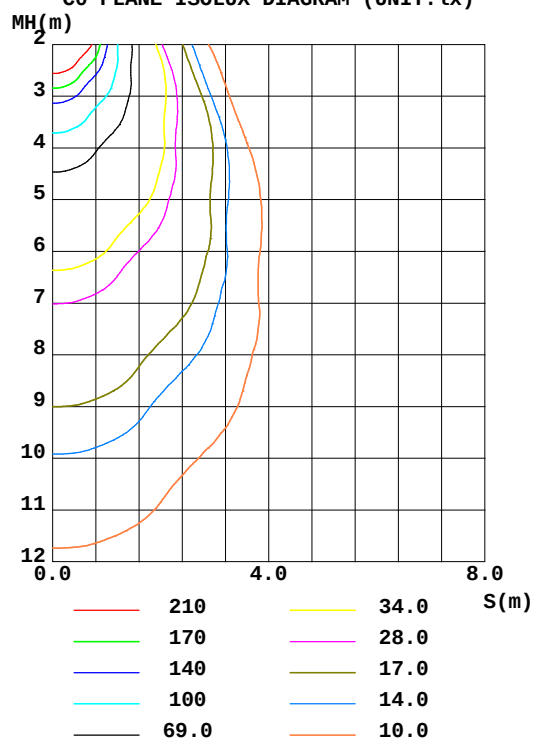
Test:U:120.4V I:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.10 lm/W			
EB1	MODEL	I _{max} (cd)	1377	S/MH(C0/180)	0.93
	NOMINAL POWER(W)	LOR(%)	100.0	S/MH(C90/270)	0.85
	RATED VOLTAGE(V)	TOTAL FLUX(lm)	1728.5	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)



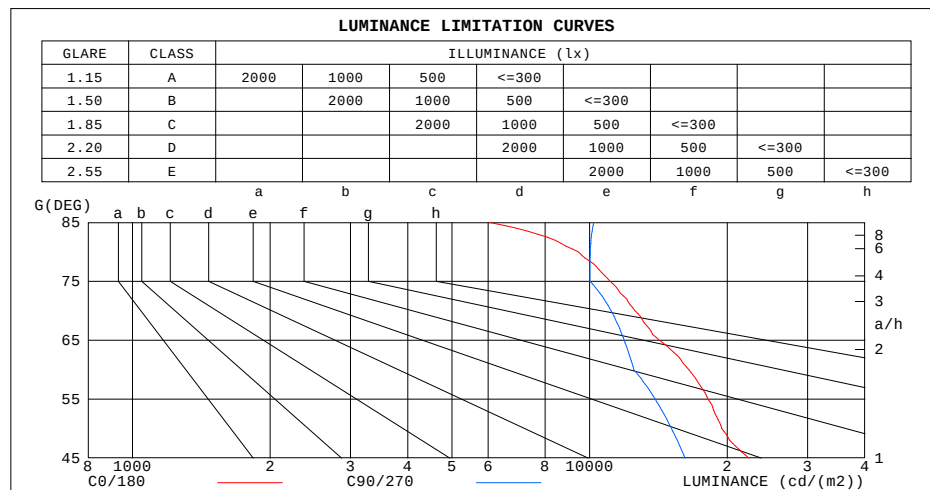
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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	1352	1299	1281	1308	1371	1311	1285	1302	0- 5	31.91	31.91	1.85, 1.85
10	1255	1190	1184	1210	1305	1217	1192	1196	5- 10	90.08	122.0	7.06, 7.06
15	1114	1041	1088	1090	1159	1098	1100	1051	10- 15	135.9	257.9	14.9, 14.9
20	1013	906.8	952.1	939.9	1063	953.6	966.2	918.1	15- 20	167.9	425.8	24.6, 24.6
25	848.6	779.6	816.1	811.0	917.6	820.8	832.5	791.7	20- 25	186.0	611.8	35.4, 35.4
30	667.9	630.2	680.1	674.4	754.1	682.3	698.8	644.2	25- 30	187.6	799.4	46.2, 46.2
35	557.3	494.2	533.5	523.7	592.2	531.2	547.4	501.3	30- 35	174.9	974.3	56.4, 56.4
40	450.1	379.4	386.9	405.8	488.9	413.4	396.1	387.8	35- 40	155.9	1130	65.4, 65.4
45	331.2	295.4	240.3	312.2	370.6	318.2	244.8	299.9	40- 45	131.2	1261	73, 73
50	263.0	226.7	203.9	233.3	279.4	241.3	207.6	229.6	45- 50	106.2	1368	79.1, 79.1
55	218.8	169.5	167.6	166.8	230.1	179.0	170.4	171.4	50- 55	90.22	1458	84.3, 84.3
60	173.1	137.7	131.3	127.8	186.3	146.1	133.2	139.2	55- 60	76.10	1534	88.7, 88.7
65	126.1	107.2	105.7	93.35	142.0	114.4	107.4	108.4	60- 65	61.76	1596	92.3, 92.3
70	90.32	79.86	80.08	65.90	102.0	85.93	81.56	80.84	65- 70	48.33	1644	95.1, 95.1
75	60.23	55.85	54.47	44.30	67.10	60.32	55.74	56.65	70- 75	35.60	1680	97.2, 97.2
80	34.46	33.48	36.59	24.76	19.04	35.82	37.20	34.03	75- 80	23.45	1703	98.5, 98.5
85	11.05	17.34	18.71	12.32	7.231	17.75	18.65	17.05	80- 85	13.16	1716	99.3, 99.3
90	0.2428	1.419	0.8310	0.4808	0.1587	0.1075	0.0983	0.2848	85- 90	4.277	1720	99.5, 99.5
95	0.8263	1.438	0.9151	0.5737	0.0934	0.1303	0.1216	0.2261	90- 95	0.3318	1721	99.6, 99.6
100	0.8638	1.455	0.9992	0.6568	0.1495	0.1585	0.1448	0.1674	95-100	0.3602	1721	99.6, 99.6
105	0.9853	1.548	1.083	0.7893	0.1633	0.2041	0.1681	0.2197	100-105	0.3821	1722	99.6, 99.6
110	1.139	1.650	1.189	0.9277	0.2426	0.2675	0.2428	0.2896	105-110	0.4090	1722	99.6, 99.6
115	1.326	1.754	1.294	1.064	0.3359	0.3461	0.3175	0.3822	110-115	0.4386	1722	99.6, 99.6
120	1.560	1.852	1.400	1.209	0.4482	0.4546	0.3922	0.4738	115-120	0.4660	1723	99.7, 99.7
125	1.793	1.942	1.536	1.429	0.5878	0.5791	0.5618	0.5857	120-125	0.4950	1723	99.7, 99.7
130	2.069	2.115	1.671	1.570	0.7231	0.7296	0.7314	0.7654	125-130	0.5240	1724	99.7, 99.7
135	2.395	2.348	1.807	1.636	0.9006	0.9065	0.9010	1.002	130-135	0.5542	1724	99.8, 99.8
140	2.760	2.679	2.029	1.768	1.092	1.117	1.178	1.242	135-140	0.5877	1725	99.8, 99.8
145	3.152	3.133	2.251	1.933	1.321	1.379	1.455	1.508	140-145	0.6093	1726	99.8, 99.8
150	3.445	3.576	2.473	2.011	1.573	1.660	1.732	1.795	145-150	0.6120	1726	99.9, 99.9
155	3.642	4.013	2.838	2.107	1.876	1.964	2.024	2.099	150-155	0.5915	1727	99.9, 99.9
160	3.847	4.202	3.202	2.268	2.170	2.276	2.317	2.397	155-160	0.5445	1727	99.9, 99.9
165	3.940	4.050	3.567	2.575	2.390	2.469	2.610	2.590	160-165	0.4653	1728	100, 100
170	3.949	3.873	3.626	3.064	2.637	2.653	2.715	2.755	165-170	0.3582	1728	100, 100
175	3.823	3.766	3.685	3.515	2.838	2.791	2.821	2.852	170-175	0.2276	1728	100, 100
180	3.744	3.744	3.744	3.744	2.927	2.927	2.927	2.927	175-180	0.0785	1729	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6039	10223
80	9449	10034
75	11082	10022
70	12575	11149
65	14214	11908
60	16483	12504
55	18162	13916
50	19485	15109
45	22302	16181

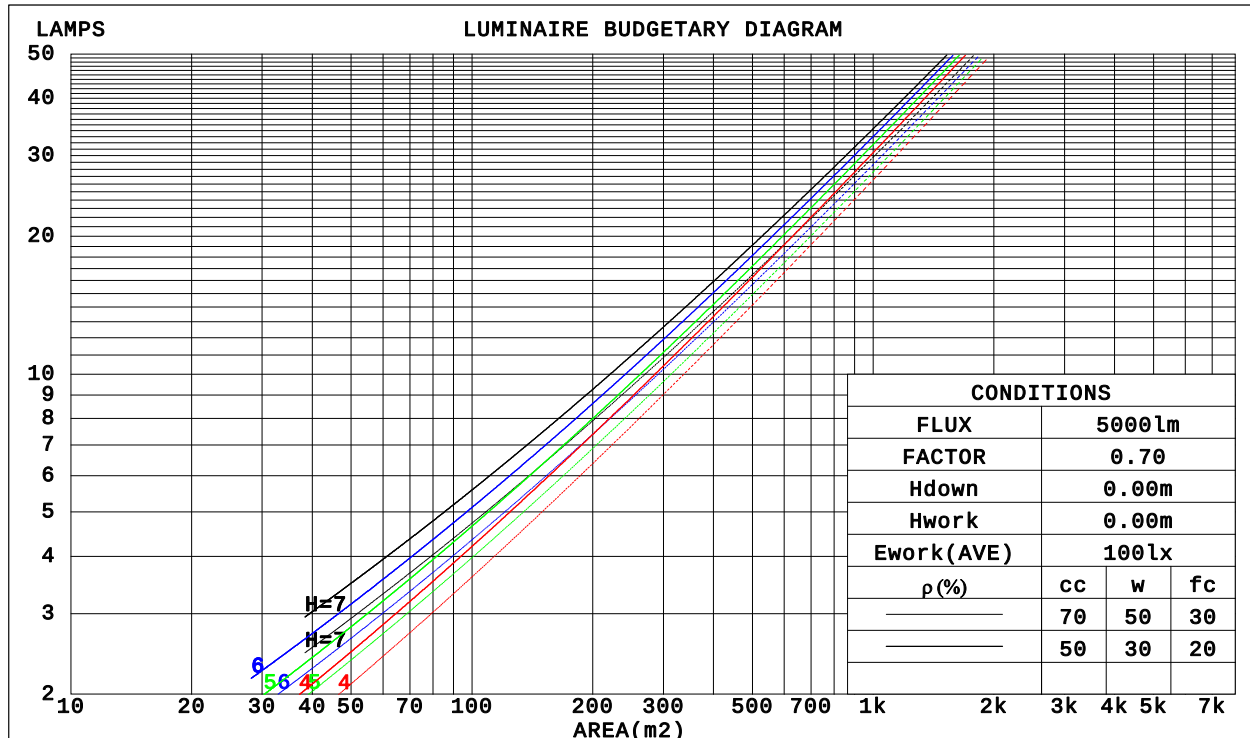
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-19

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	.67	.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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	.141	.045	.240	.137	.043	.227	.130	.042	.215	.124	.040	.203	.118	.038				
2.0	.235	.129	.039	.228	.126	.039	.217	.121	.037	.207	.116	.036	.197	.111	.035				
3.0	.220	.117	.035	.215	.115	.035	.205	.111	.034	.195	.107	.033	.187	.103	.032				
4.0	.206	.107	.031	.201	.105	.031	.192	.102	.030	.184	.099	.030	.176	.096	.029				
5.0	.192	.098	.028	.188	.097	.028	.181	.094	.028	.173	.091	.027	.167	.089	.027				
6.0	.180	.090	.026	.177	.089	.026	.170	.087	.025	.164	.085	.025	.158	.083	.025				
7.0	.170	.084	.024	.166	.083	.024	.160	.081	.023	.155	.079	.023	.149	.078	.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	.137	.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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	21.5	22.8	21.8	23.0	23.2	20.5	21.7	20.7	21.9	22.1
	3H	22.6	23.7	22.8	23.9	24.2	21.6	22.7	21.9	22.9	23.2
	4H	23.0	24.1	23.3	24.3	24.5	22.0	23.1	22.3	23.4	23.6
	6H	23.2	24.3	23.6	24.5	24.8	22.4	23.4	22.7	23.7	24.0
	8H	23.3	24.3	23.6	24.6	24.9	22.5	23.5	22.9	23.8	24.1
	12H	23.3	24.3	23.7	24.6	24.9	22.7	23.6	23.0	23.9	24.2
4H	2H	21.8	22.9	22.1	23.1	23.4	20.9	22.0	21.2	22.3	22.5
	3H	23.0	24.0	23.4	24.3	24.6	22.2	23.2	22.6	23.5	23.8
	4H	23.5	24.4	23.9	24.7	25.1	22.8	23.7	23.2	24.0	24.3
	6H	23.9	24.7	24.3	25.1	25.4	23.3	24.1	23.7	24.4	24.8
	8H	24.1	24.8	24.5	25.1	25.5	23.5	24.2	23.9	24.6	25.0
	12H	24.1	24.8	24.5	25.1	25.6	23.7	24.3	24.1	24.7	25.1
8H	4H	23.7	24.4	24.1	24.8	25.2	23.0	23.7	23.4	24.1	24.5
	6H	24.2	24.8	24.6	25.2	25.6	23.6	24.2	24.1	24.6	25.1
	8H	24.4	24.9	24.8	25.3	25.8	24.0	24.5	24.4	24.9	25.4
	12H	24.5	24.9	25.0	25.4	25.9	24.2	24.7	24.7	25.1	25.6
12H	4H	23.7	24.3	24.1	24.7	25.1	23.0	23.6	23.4	24.0	24.4
	6H	24.2	24.8	24.7	25.2	25.6	23.7	24.2	24.2	24.6	25.1
	8H	24.4	24.9	24.9	25.3	25.8	24.0	24.5	24.5	24.9	25.4
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 1729 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:2024-01-19

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

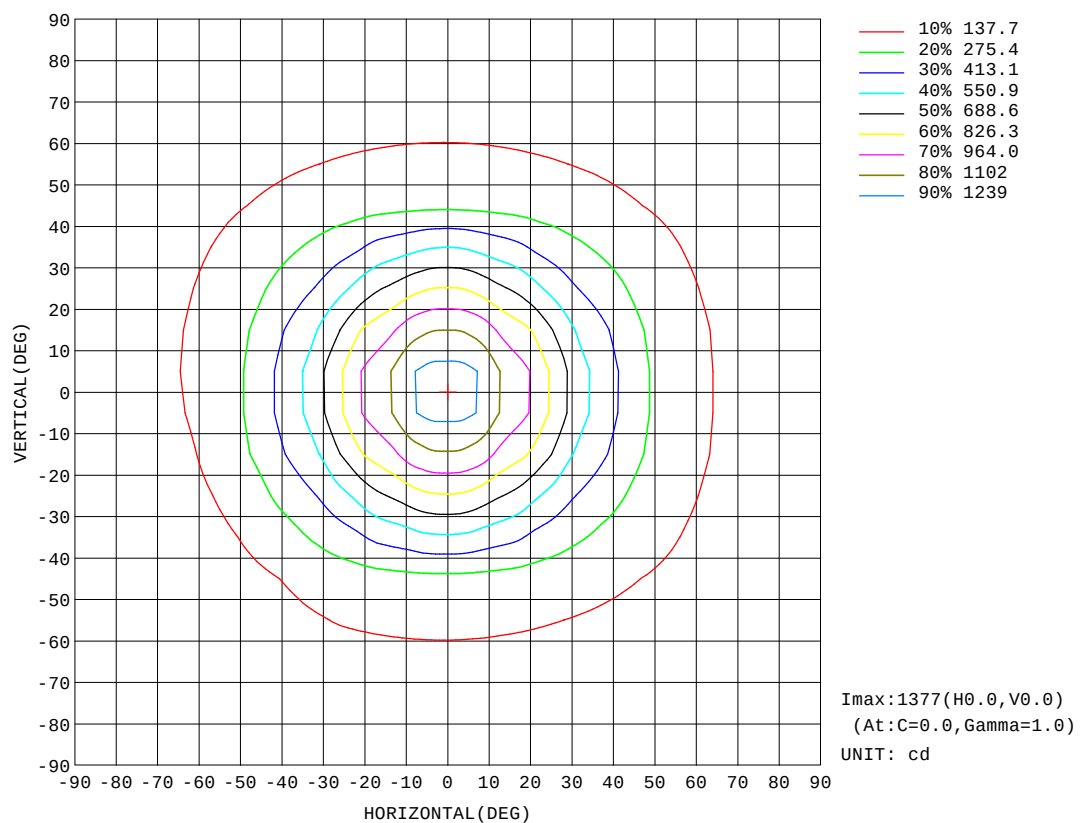
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	70	61	55	69	60	55	68	60	55	50
0.80	79	70	64	78	70	64	77	69	64	58
1.00	86	77	72	85	77	71	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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



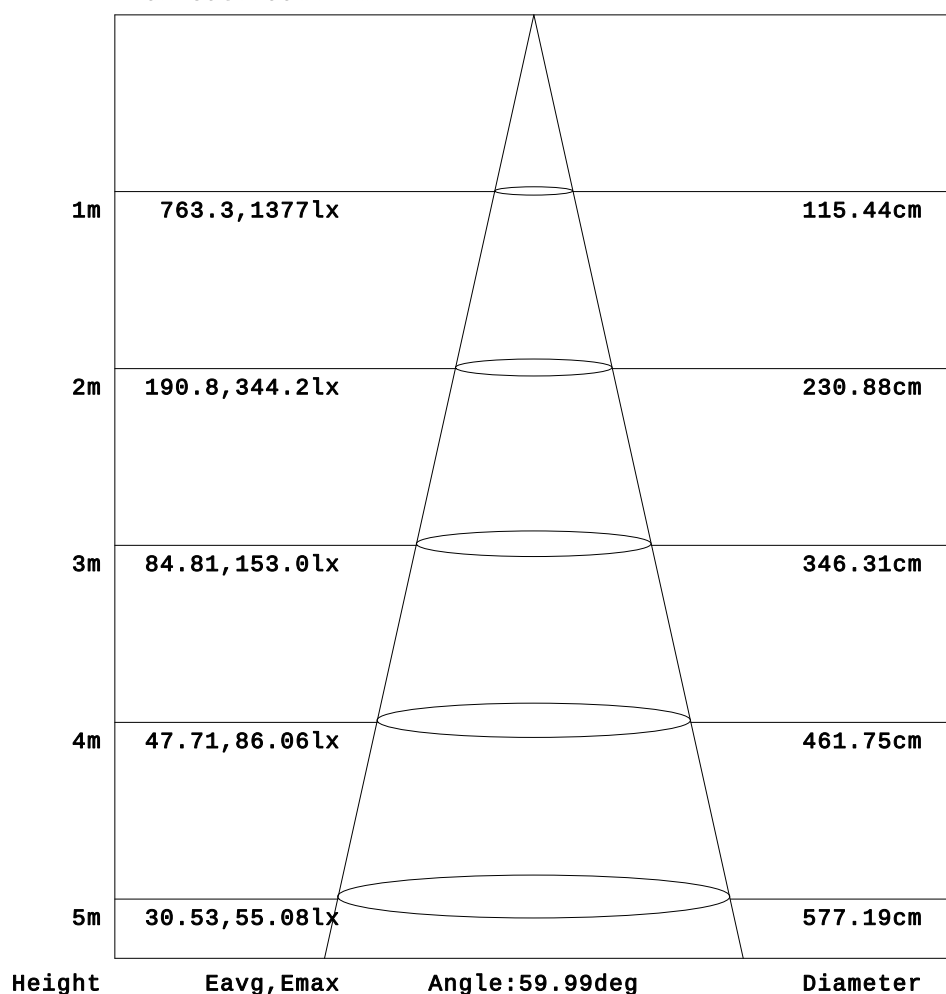
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-19

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:799.4 lm



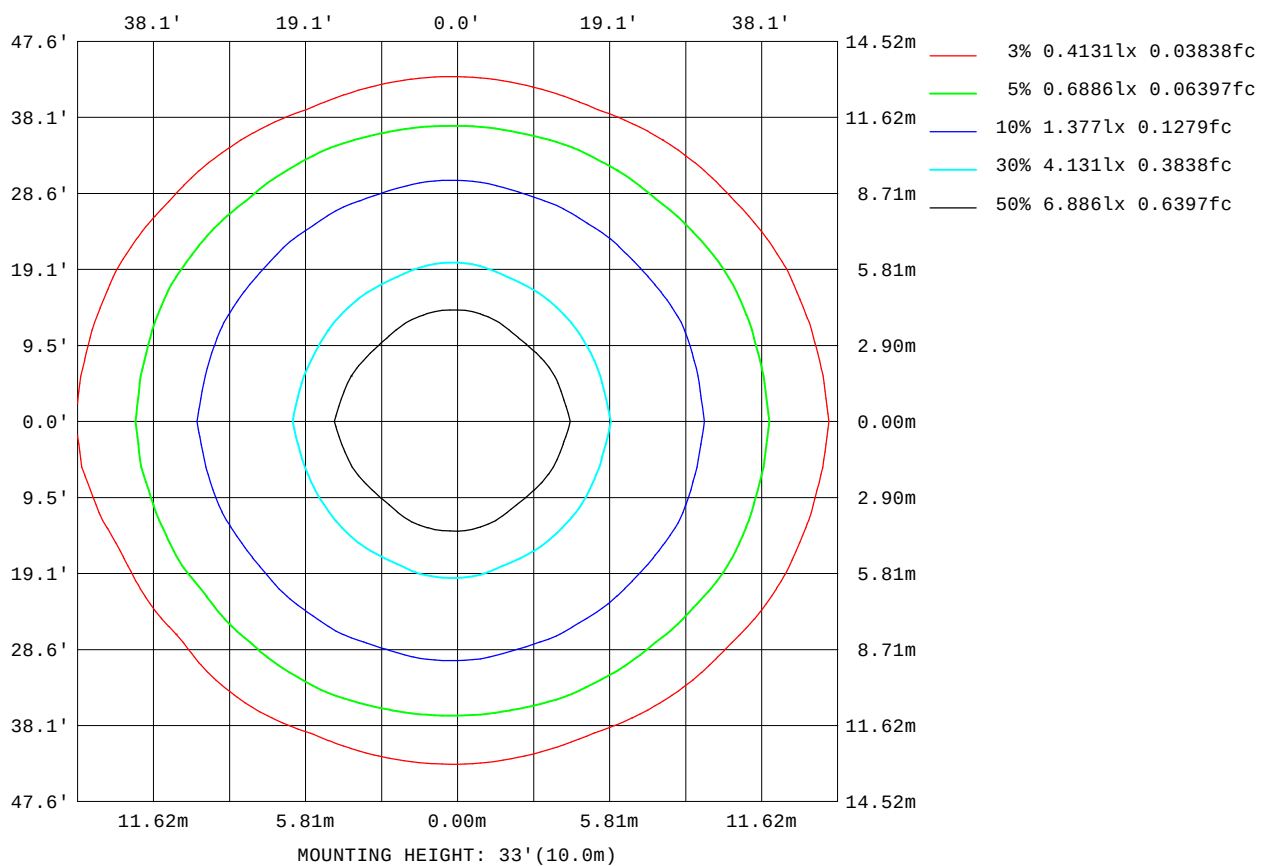
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

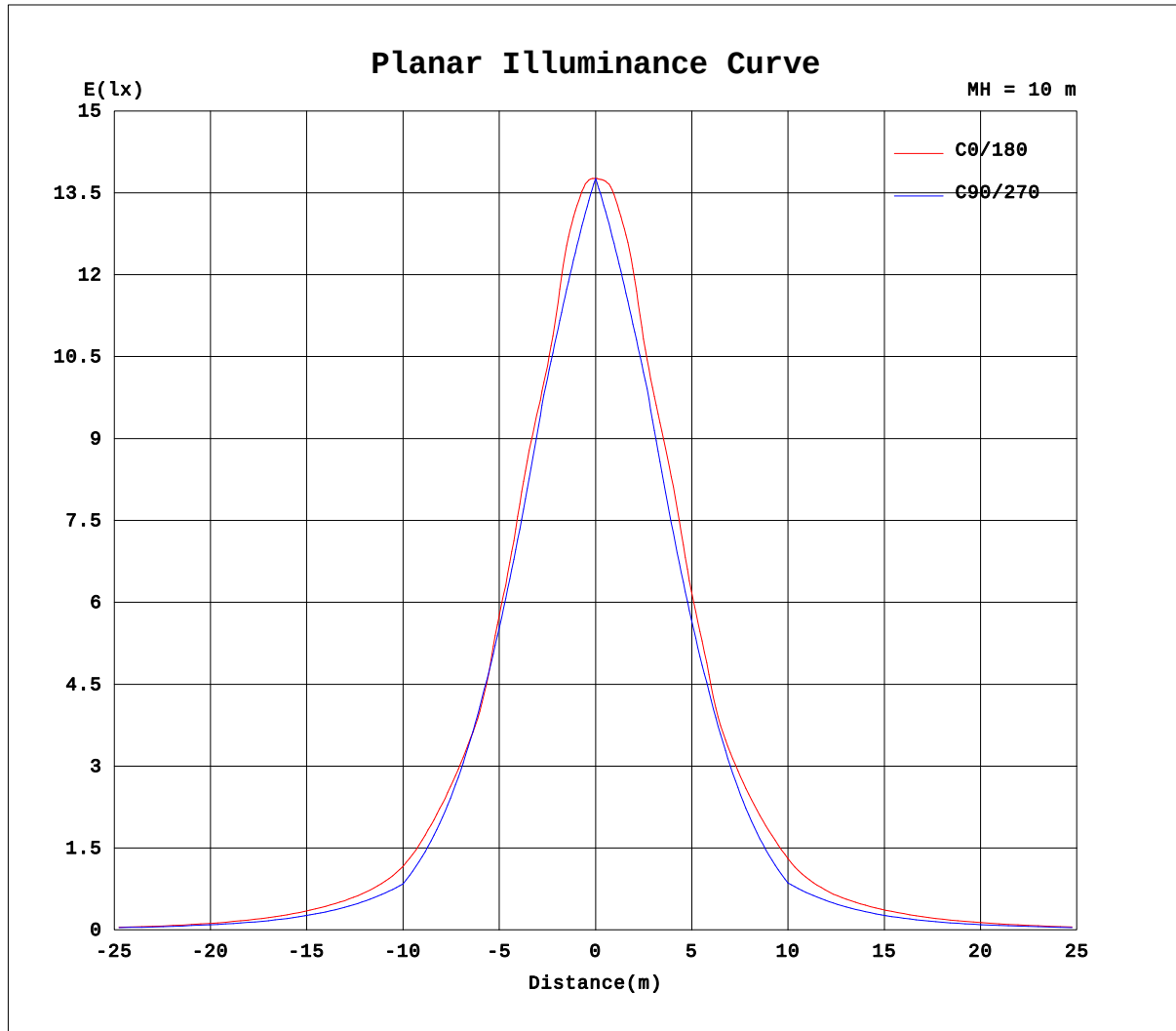
AvgL	cd/m2
L_0~180(65)av	15108
L_0~180(75)av	11714
L_0~180(85)av	4995
L_90~270(65)av	12004
L_90~270(75)av	10139
L_90~270(85)av	10205
L_45(65)av	11925
L_45(75)av	9987
L_45(85)av	8805

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
5	1352	1343	1336	1329	1322	1316	1311	1306	1302	1299	1296	1293	1290	1288	1286	1284	1282	1281	1281
10	1255	1240	1227	1217	1209	1203	1198	1195	1192	1190	1187	1185	1184	1185	1186	1186	1186	1185	1184
15	1114	1094	1077	1062	1049	1040	1034	1031	1033	1041	1052	1063	1071	1075	1078	1083	1087	1088	1088
20	1013	990	970	955	942	930	922	914	909	907	906	908	919	931	939	943	949	951	952
25	849	826	809	798	790	787	790	796	788	780	772	766	766	774	786	798	808	814	816
30	668	649	637	630	631	635	641	638	631	630	633	636	636	635	639	649	668	676	680
35	557	538	524	516	512	504	495	492	496	494	488	493	508	510	507	510	523	530	534
40	450	434	426	422	419	406	396	388	381	379	380	378	384	388	383	379	382	386	387
45	331	324	322	324	322	319	311	301	300	295	291	286	278	273	263	253	246	242	240
50	263	258	258	257	253	251	247	239	231	227	217	205	199	199	200	201	202	203	204
55	219	214	213	207	202	199	194	187	179	169	168	166	166	165	165	166	166	167	168
60	173	169	168	162	159	154	149	142	139	138	136	135	134	133	132	131	131	131	131
65	126	125	124	121	119	116	112	111	109	107	105	104	104	104	104	105	105	105	106
70	90.3	90.4	88.4	87.2	85.8	84.3	83.1	81.6	80.1	79.9	79.6	79.4	79.3	79.2	79.2	79.3	79.6	79.8	80.1
75	60.2	60.4	59.7	59.3	58.3	57.3	56.6	56.4	56.2	55.9	55.5	55.1	54.8	54.5	54.3	54.2	54.2	54.3	54.5
80	34.5	34.2	34.8	34.0	33.8	33.6	33.6	33.4	33.0	33.5	34.1	34.6	35.0	35.3	35.7	36.0	36.2	36.4	36.6
85	11.1	11.9	11.7	11.9	12.2	14.1	15.4	16.3	16.9	17.3	17.6	17.9	18.1	18.3	18.4	18.5	18.6	18.7	18.7
90	0.24	1.59	1.59	1.57	1.57	1.57	1.50	1.49	1.44	1.42	1.36	1.34	1.27	1.21	1.15	1.08	1.00	0.90	0.83
95	0.83	1.69	1.66	1.64	1.60	1.57	1.52	1.50	1.46	1.44	1.39	1.37	1.32	1.27	1.22	1.16	1.09	1.02	0.92
100	0.86	1.53	1.67	1.66	1.65	1.61	1.57	1.53	1.48	1.45	1.42	1.39	1.36	1.32	1.29	1.24	1.19	1.13	1.00
105	0.99	1.40	1.64	1.67	1.66	1.67	1.64	1.61	1.58	1.55	1.51	1.46	1.43	1.40	1.37	1.32	1.28	1.25	1.08
110	1.14	1.39	1.62	1.69	1.72	1.70	1.71	1.69	1.68	1.65	1.62	1.58	1.56	1.53	1.49	1.40	1.39	1.38	1.19
115	1.33	1.49	1.64	1.75	1.77	1.79	1.78	1.79	1.77	1.75	1.72	1.71	1.69	1.66	1.58	1.48	1.50	1.51	1.29
120	1.56	1.67	1.79	1.84	1.86	1.86	1.89	1.88	1.88	1.85	1.82	1.79	1.77	1.76	1.70	1.58	1.64	1.64	1.40
125	1.79	1.88	2.00	2.01	2.00	1.97	1.97	1.99	1.99	1.94	1.91	1.86	1.85	1.86	1.87	1.83	1.89	1.78	1.54
130	2.07	2.13	2.22	2.27	2.22	2.15	2.12	2.15	2.15	2.11	2.04	1.95	1.93	2.00	2.07	2.09	2.13	1.89	1.67
135	2.40	2.44	2.50	2.59	2.55	2.49	2.43	2.37	2.37	2.35	2.31	2.30	2.28	2.32	2.36	2.37	2.36	2.01	1.81
140	2.76	2.79	2.84	2.91	2.94	2.87	2.81	2.75	2.69	2.68	2.70	2.69	2.69	2.71	2.73	2.69	2.55	2.21	2.03
145	3.15	3.16	3.19	3.24	3.31	3.29	3.22	3.17	3.15	3.13	3.13	3.11	3.10	3.11	3.07	2.92	2.67	2.42	2.25
150	3.45	3.45	3.47	3.51	3.57	3.65	3.68	3.64	3.61	3.58	3.55	3.53	3.48	3.43	3.36	3.07	2.77	2.63	2.47
155	3.64	3.67	3.72	3.78	3.85	3.92	4.00	4.09	4.06	4.01	3.97	3.84	3.76	3.66	3.47	3.24	3.05	2.96	2.84
160	3.85	3.88	3.92	3.97	4.02	4.08	4.14	4.22	4.25	4.20	4.13	4.04	3.92	3.77	3.59	3.44	3.35	3.28	3.20
165	3.94	3.97	4.00	4.03	4.04	4.06	4.06	4.07	4.07	4.05	4.02	3.97	3.88	3.79	3.72	3.67	3.64	3.61	3.57
170	3.95	3.96	3.96	3.97	3.97	3.97	3.96	3.94	3.91	3.87	3.84	3.80	3.76	3.73	3.71	3.69	3.67	3.65	3.63
175	3.82	3.82	3.81	3.81	3.80	3.79	3.78	3.77	3.77	3.77	3.76	3.76	3.74	3.73	3.72	3.71	3.70	3.69	3.69
180	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
5	1281	1282	1284	1286	1290	1293	1298	1303	1308	1314	1320	1326	1332	1339	1347	1355	1363	1371	1363
10	1185	1187	1191	1195	1199	1202	1204	1206	1210	1216	1223	1231	1240	1250	1261	1274	1289	1305	1289
15	1089	1092	1095	1095	1092	1092	1094	1093	1090	1086	1083	1083	1087	1095	1107	1121	1139	1159	1140
20	954	957	959	958	959	957	950	943	940	941	947	955	966	980	997	1016	1038	1063	1039
25	818	819	818	813	805	797	795	801	811	825	840	843	844	848	857	871	891	918	892
30	681	680	676	663	659	661	667	672	674	675	677	686	691	689	694	707	726	754	729
35	535	536	529	524	529	537	535	525	524	531	534	531	535	541	546	556	571	592	573
40	389	392	391	395	405	411	404	402	406	409	410	417	429	445	452	458	470	489	471
45	243	250	259	271	285	294	300	308	312	314	315	323	334	346	352	352	357	371	359
50	204	205	205	205	205	206	212	225	233	237	238	248	253	257	268	273	274	279	274
55	168	169	169	170	171	171	171	170	167	170	177	181	183	190	206	224	224	230	225
60	132	133	134	135	137	138	136	133	128	123	120	126	129	131	145	161	170	186	182
65	106	106	107	107	108	108	101	96.6	93.3	90.6	88.1	86.0	87.3	89.9	93.2	103	117	142	138
70	80.4	80.8	81.2	81.8	82.3	81.0	75.1	70.1	65.9	62.6	61.4	60.3	58.8	58.7	59.8	62.8	70.7	102	100
75	54.8	55.3	55.9	56.5	57.2	54.5	50.7	47.6	44.3	41.6	40.4	39.1	37.2	36.9	35.6	35.8	36.0	67.1	65.7
80	36.8	37.0	37.0	37.1	37.0	33.9	30.9	28.3	24.8	22.3	22.5	22.2	21.2	20.6	20.6	19.8	19.4	19.0	37.6
85	18.8	18.9	18.9	19.0	18.8	17.1	15.5	14.2	12.3	11.1	10.5	9.93	9.30	9.21	9.92	10.8	10.4	7.23	14.8
90	0.86	0.91	0.81	0.82	0.69	0.54	0.45	0.43	0.48	0.48	0.48	0.48	0.55	0.61	0.54	0.45	0.37	0.16	0.14
95	0.92	0.99	0.90	0.91	0.79	0.63	0.56	0.53	0.57	0.59	0.63	0.65	0.78	0.95	1.04	1.17	1.50	0.09	0.12
100	0.98	1.06	1.00	1.00	0.90	0.73	0.67	0.64	0.66	0.71	0.80	0.87	1.00	1.31	1.53	1.82	1.54	0.15	0.14
105	1.03	1.14	1.10	1.10	1.04	0.87	0.80	0.77	0.79	0.88	0.99	1.11	1.25	1.43	1.63	1.51	1.44	0.16	0.21
110	1.09	1.19	1.21	1.19	1.17	1.04	0.93	0.90	0.93	1.03	1.13	1.24	1.38	1.48	1.42	1.41	1.58	0.24	0.29
115	1.15	1.23	1.32	1.29	1.28	1.22	1.08	1.04	1.06	1.13	1.23	1.33	1.40	1.40	1.37	1.52	1.74	0.34	0.38
120	1.21	1.27	1.41	1.39	1.39	1.38	1.28	1.26	1.21	1.26	1.33	1.35	1.38	1.36	1.48	1.63	1.36	0.45	0.47
125	1.33	1.34	1.44	1.47	1.51	1.48	1.44	1.44	1.43	1.37	1.36	1.39	1.40	1.48	1.60	1.65	1.29	0.59	0.59
130	1.45	1.41	1.46	1.50	1.62	1.63	1.54	1.55	1.57	1.49	1.46	1.42	1.50	1.58	1.67	1.55	1.25	0.72	0.73
135	1.59	1.48	1.52	1.56	1.69	1.72	1.69	1.65	1.64	1.66	1.62	1.57	1.65	1.77	1.78	1.54	1.31	0.90	0.90
140	1.77	1.64	1.64	1.70	1.74	1.79	1.79	1.81	1.77	1.71	1.74	1.77	1.78	1.70	1.63	1.53	1.39	1.09	1.09
145	1.96	1.82	1.77	1.82	1.87	1.87	1.88	1.88	1.93	1.91	1.84	1.84	1.84	1.79	1.68	1.55	1.43	1.32	1.32
150	2.18	1.99	1.94	1.93	1.99	2.01	1.98	1.98	2.01	2.05	2.09	2.09	2.00	1.87	1.75	1.64	1.54	1.57	1.57
155	2.57	2.33	2.22	2.13	2.11	2.11	2.13	2.12	2.11	2.10	2.15	2.14	2.10	2.04	1.97	1.88	1.80	1.88	1.86
160	2.96	2.73	2.55	2.44	2.35	2.30	2.25	2.24	2.27	2.26	2.24	2.22	2.19	2.17	2.16	2.14	2.13	2.17	2.15
165	3.37	3.18	2.99	2.83	2.74	2.67	2.62	2.60	2.58	2.55	2.52	2.50	2.49	2.49	2.48	2.49	2.50	2.39	2.38
170	3.54	3.45	3.36	3.27	3.21	3.15	3.11	3.08	3.06	3.05	3.05	3.06	3.07	3.09	3.11	3.14	3.18	2.64	2.63
175	3.66	3.64	3.62	3.61	3.59	3.56	3.53	3.52	3.52	3.52	3.52	3.53	3.54	3.56	3.58	3.60	3.62	2.84	2.83
180	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	2.93	2.93

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
5	1355	1348	1341	1334	1328	1322	1317	1311	1306	1301	1297	1293	1290	1287	1286	1285	1285	1285	1286
10	1275	1263	1252	1243	1235	1227	1221	1217	1213	1211	1209	1206	1202	1198	1195	1193	1192	1193	1194
15	1124	1110	1100	1093	1090	1091	1094	1098	1101	1103	1103	1104	1107	1107	1104	1101	1100	1101	1100
20	1018	1000	985	972	962	956	952	954	958	963	969	971	971	972	971	968	966	966	964
25	874	862	855	853	852	850	834	821	812	808	811	819	825	830	835	834	832	831	824
30	711	700	692	691	691	687	685	682	680	676	672	673	678	687	696	699	699	695	683
35	559	550	548	547	542	540	536	531	532	542	545	539	537	541	546	549	547	544	534
40	460	455	451	438	426	419	416	413	408	410	416	411	403	399	399	398	396	395	390
45	355	357	352	345	336	328	323	318	314	304	298	289	275	264	255	248	245	246	251
50	274	274	270	268	262	256	250	241	230	216	209	208	208	208	208	208	208	207	205
55	226	220	215	213	206	199	190	179	177	175	174	173	172	172	171	171	170	170	169
60	181	175	171	165	159	151	148	146	144	142	140	138	137	136	135	134	133	133	133
65	137	135	130	125	121	119	117	114	112	110	109	109	108	108	108	108	107	107	107
70	98.9	96.9	94.5	92.3	91.0	88.9	86.8	85.9	85.4	84.6	84.0	83.4	82.9	82.5	82.2	81.9	81.6	81.3	81.0
75	65.7	64.3	63.7	62.6	62.8	61.0	60.4	60.3	60.5	59.7	58.9	58.2	57.5	56.9	56.5	56.1	55.7	55.5	55.4
80	36.7	35.9	35.6	35.5	35.2	33.5	34.5	35.8	37.6	37.8	37.7	37.6	37.6	37.5	37.5	37.4	37.2	37.0	36.8
85	14.6	13.9	13.4	14.2	14.8	15.2	16.8	17.7	18.7	18.9	18.9	18.9	18.8	18.8	18.9	18.9	18.6	18.6	18.5
90	0.14	0.15	0.15	0.12	0.12	0.11	0.11	0.11	0.11	0.10	0.09	0.09	0.09	0.09	0.28	0.29	0.10	0.23	0.29
95	0.11	0.11	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.25	0.25	0.12	0.21	0.25
100	0.17	0.15	0.14	0.14	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.21	0.21	0.14	0.19	0.20
105	0.21	0.22	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.19	0.18	0.18	0.18	0.17	0.17	0.17
110	0.27	0.28	0.30	0.29	0.28	0.26	0.24	0.27	0.25	0.25	0.25	0.27	0.26	0.25	0.25	0.25	0.24	0.25	0.25
115	0.37	0.37	0.36	0.38	0.38	0.36	0.35	0.35	0.32	0.31	0.31	0.34	0.33	0.32	0.32	0.32	0.32	0.32	0.32
120	0.49	0.47	0.45	0.47	0.47	0.48	0.47	0.45	0.44	0.43	0.43	0.44	0.42	0.41	0.39	0.39	0.39	0.40	0.41
125	0.62	0.61	0.59	0.58	0.59	0.59	0.59	0.58	0.57	0.57	0.58	0.58	0.57	0.57	0.56	0.56	0.56	0.57	0.58
130	0.75	0.77	0.74	0.72	0.73	0.74	0.74	0.73	0.73	0.72	0.72	0.73	0.74	0.74	0.74	0.73	0.73	0.74	0.75
135	0.92	0.95	0.93	0.92	0.90	0.91	0.90	0.91	0.91	0.93	0.93	0.93	0.93	0.93	0.92	0.91	0.90	0.91	0.93
140	1.11	1.14	1.16	1.14	1.13	1.13	1.12	1.12	1.13	1.14	1.15	1.17	1.17	1.18	1.18	1.18	1.18	1.19	1.20
145	1.33	1.36	1.39	1.41	1.38	1.37	1.37	1.38	1.38	1.38	1.40	1.41	1.42	1.44	1.45	1.45	1.45	1.46	1.48
150	1.57	1.59	1.62	1.66	1.67	1.66	1.65	1.66	1.66	1.67	1.67	1.69	1.70	1.70	1.73	1.72	1.73	1.74	1.76
155	1.85	1.84	1.86	1.89	1.93	1.98	1.98	1.96	1.97	1.97	1.98	1.99	2.00	2.01	2.03	2.02	2.02	2.03	2.05
160	2.14	2.13	2.13	2.15	2.17	2.20	2.23	2.28	2.29	2.29	2.30	2.30	2.31	2.32	2.33	2.32	2.32	2.32	2.33
165	2.37	2.38	2.38	2.39	2.41	2.42	2.45	2.47	2.49	2.52	2.54	2.57	2.59	2.61	2.62	2.61	2.61	2.61	2.61
170	2.62	2.61	2.61	2.61	2.62	2.62	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.71	2.72	2.72	2.72	2.72
175	2.82	2.82	2.81	2.80	2.80	2.80	2.79	2.79	2.79	2.79	2.80	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
180	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93

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:0.1611A P:19.18W PF:0.9893 Lamp Flux:1728.53x1 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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377				
5	1288	1290	1292	1294	1297	1300	1302	1306	1309	1314	1318	1324	1330	1337	1344				
10	1195	1195	1194	1193	1193	1194	1196	1197	1200	1203	1207	1212	1219	1229	1241				
15	1097	1093	1088	1082	1074	1063	1051	1042	1039	1040	1045	1053	1065	1079	1095				
20	959	953	945	933	921	918	918	919	924	930	938	949	960	974	992				
25	813	802	788	778	778	783	792	802	812	803	797	796	801	811	826				
30	667	654	648	647	648	646	644	643	644	648	647	643	638	641	650				
35	524	518	520	519	506	499	501	504	503	504	511	518	521	528	540				
40	387	390	395	393	386	387	388	388	394	403	414	426	428	430	436				
45	258	268	278	284	291	297	300	305	308	317	324	328	330	325	325				
50	204	203	202	202	208	220	230	236	243	249	253	254	258	258	258				
55	168	168	168	168	169	170	171	181	189	195	201	204	208	214	214				
60	133	134	134	135	136	138	139	141	143	150	156	160	163	168	169				
65	106	106	106	105	105	107	108	110	112	113	117	120	122	125	125				
70	80.7	80.5	80.5	80.5	80.5	80.7	80.8	81.0	82.4	83.8	84.8	86.3	87.6	88.9	90.7				
75	55.4	55.4	55.6	55.8	56.1	56.4	56.7	56.9	57.1	57.2	57.8	58.6	59.5	59.8	60.6				
80	36.5	36.2	35.9	35.5	35.1	34.6	34.0	33.6	33.9	34.0	34.0	34.0	34.2	34.8	34.4				
85	18.4	18.2	18.1	17.9	17.6	17.4	17.1	16.6	16.1	15.2	14.0	12.3	11.9	11.7	11.7				
90	0.30	0.30	0.30	0.30	0.30	0.30	0.28	0.27	0.26	0.24	0.23	0.21	0.20	0.19	0.18				
95	0.25	0.25	0.25	0.25	0.24	0.24	0.23	0.21	0.19	0.17	0.16	0.14	0.15	0.16	0.14				
100	0.20	0.20	0.20	0.19	0.19	0.18	0.17	0.16	0.16	0.17	0.18	0.18	0.18	0.15	0.18				
105	0.17	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.22	0.21	0.24	0.22				
110	0.25	0.26	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.29	0.31	0.31	0.32	0.29				
115	0.33	0.34	0.35	0.36	0.37	0.38	0.38	0.39	0.39	0.37	0.40	0.40	0.42	0.39	0.39				
120	0.42	0.44	0.46	0.47	0.48	0.47	0.47	0.49	0.46	0.51	0.51	0.54	0.53	0.51	0.52				
125	0.57	0.59	0.58	0.59	0.59	0.58	0.59	0.60	0.64	0.64	0.67	0.66	0.65	0.66	0.67				
130	0.73	0.73	0.74	0.72	0.72	0.75	0.77	0.80	0.81	0.82	0.82	0.81	0.82	0.84	0.83				
135	0.93	0.92	0.96	0.95	0.97	0.97	1.00	1.01	1.02	1.02	1.01	1.01	1.03	1.02	1.05				
140	1.22	1.21	1.23	1.24	1.23	1.24	1.24	1.25	1.25	1.25	1.26	1.26	1.26	1.26	1.28				
145	1.51	1.51	1.52	1.52	1.52	1.51	1.51	1.52	1.50	1.52	1.53	1.52	1.51	1.52	1.54				
150	1.78	1.80	1.81	1.81	1.80	1.80	1.80	1.80	1.80	1.83	1.80	1.79	1.79	1.80	1.82				
155	2.07	2.08	2.09	2.09	2.09	2.10	2.10	2.11	2.12	2.10	2.11	2.11	2.11	2.13	2.15				
160	2.36	2.37	2.37	2.39	2.39	2.40	2.40	2.38	2.36	2.35	2.36	2.37	2.38	2.40	2.43				
165	2.62	2.63	2.63	2.61	2.60	2.60	2.59	2.58	2.58	2.57	2.58	2.58	2.60	2.61	2.63				
170	2.72	2.73	2.73	2.74	2.75	2.75	2.75	2.75	2.76	2.77	2.78	2.78	2.79	2.81	2.82				
175	2.82	2.83	2.83	2.84	2.84	2.85	2.85	2.86	2.87	2.87	2.88	2.89	2.90	2.91	2.92				
180	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93				

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	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1374	1370	1366	1362	1358	1355	1351	1348	1345	1342
5.0	1352	1343	1336	1329	1322	1316	1311	1306	1302	1299
7.5	1316	1304	1293	1284	1275	1267	1261	1255	1250	1246
10.0	1255	1240	1227	1217	1209	1203	1198	1195	1192	1190
12.5	1169	1152	1138	1126	1118	1113	1112	1114	1118	1122
15.0	1114	1094	1077	1062	1049	1040	1034	1031	1033	1041
17.5	1068	1047	1028	1011	995.7	983.2	974.6	967.8	965.5	966.7
20.0	1013	989.7	970.4	955.1	941.9	930.4	922.2	914.1	908.8	906.8
22.5	932.2	908.6	891.1	878.9	871.9	866.1	862.9	859.9	857.5	845.1
25.0	848.6	825.6	808.9	798.0	789.8	787.0	790.2	796.2	788.0	779.6
27.5	773.0	747.6	729.6	719.1	714.5	714.5	717.6	711.9	709.4	707.5
30.0	667.9	648.7	636.5	630.2	631.2	634.6	640.6	637.6	631.2	630.2
32.5	604.7	585.5	571.1	563.2	561.2	562.1	558.8	563.1	562.8	557.4
35.0	557.3	538.3	524.4	515.9	511.5	503.8	494.9	492.0	496.2	494.2
37.5	505.3	488.1	476.9	469.7	467.9	454.5	442.7	435.7	433.8	433.7
40.0	450.1	434.0	425.7	422.3	419.4	406.5	396.2	387.6	381.4	379.4
42.5	388.4	375.9	370.5	370.3	369.3	361.1	350.6	343.8	337.4	335.1
45.0	331.2	323.9	322.4	324.1	321.5	318.7	310.5	300.8	300.2	295.4
47.5	291.7	286.0	285.8	288.3	283.7	281.4	276.2	267.4	264.0	259.3
50.0	263.0	258.3	258.1	256.8	252.7	251.0	246.8	239.2	231.4	226.7
52.5	240.8	235.4	235.0	230.9	225.8	224.0	219.3	212.3	204.0	195.9
55.0	218.8	213.5	213.3	207.0	202.2	199.0	193.7	187.2	178.7	169.5
57.5	196.3	191.3	191.3	184.2	180.1	175.6	170.3	163.6	155.2	153.4
60.0	173.1	168.6	167.8	161.7	159.0	154.2	148.8	141.7	139.4	137.7
62.5	150.4	147.1	145.1	141.3	137.6	134.2	129.0	125.8	123.9	122.3
65.0	126.1	124.6	123.9	120.9	118.9	115.7	112.4	110.6	108.9	107.2
67.5	107.2	106.3	104.5	103.0	101.6	98.82	97.52	95.87	94.15	92.39
70.0	90.32	90.41	88.43	87.16	85.82	84.28	83.14	81.61	80.10	79.86
72.5	74.94	75.34	73.64	72.57	71.73	70.47	69.33	68.31	68.01	67.77
75.0	60.23	60.45	59.72	59.31	58.27	57.33	56.64	56.43	56.15	55.85
77.5	47.02	46.85	46.59	46.33	45.65	45.11	44.95	44.82	44.50	44.11
80.0	34.46	34.20	34.77	34.03	33.80	33.62	33.56	33.42	33.02	33.48
82.5	22.16	22.31	22.60	22.57	22.55	22.48	22.62	23.93	24.76	25.37
85.0	11.05	11.90	11.75	11.93	12.23	14.09	15.40	16.34	16.92	17.34
87.5	1.889	2.956	3.043	5.336	6.759	7.745	8.395	8.883	9.161	9.367
90.0	0.2428	1.587	1.592	1.573	1.569	1.573	1.498	1.489	1.442	1.419
92.5	0.8193	1.660	1.649	1.619	1.587	1.571	1.512	1.496	1.453	1.429
95.0	0.8263	1.693	1.656	1.645	1.604	1.567	1.524	1.500	1.462	1.438
97.5	0.8427	1.616	1.664	1.652	1.625	1.578	1.536	1.503	1.470	1.447
100.0	0.8638	1.533	1.669	1.661	1.646	1.610	1.569	1.526	1.480	1.455
102.5	0.9199	1.451	1.641	1.667	1.660	1.641	1.604	1.571	1.530	1.494
105.0	0.9853	1.396	1.641	1.671	1.665	1.666	1.641	1.611	1.577	1.548
107.5	1.060	1.385	1.635	1.678	1.685	1.683	1.674	1.653	1.626	1.598
110.0	1.139	1.389	1.617	1.692	1.716	1.703	1.708	1.689	1.682	1.650
112.5	1.233	1.443	1.612	1.715	1.731	1.741	1.745	1.740	1.721	1.705
115.0	1.326	1.488	1.638	1.748	1.766	1.788	1.782	1.785	1.772	1.754
117.5	1.438	1.569	1.691	1.782	1.808	1.822	1.820	1.833	1.820	1.804
120.0	1.560	1.665	1.788	1.837	1.858	1.863	1.887	1.878	1.878	1.852
122.5	1.681	1.774	1.895	1.919	1.914	1.911	1.919	1.929	1.935	1.897
125.0	1.793	1.883	2.003	2.008	1.998	1.967	1.968	1.991	1.993	1.942
127.5	1.922	1.995	2.109	2.127	2.099	2.037	2.033	2.064	2.060	2.020
130.0	2.069	2.131	2.217	2.274	2.225	2.154	2.121	2.146	2.146	2.115
132.5	2.225	2.281	2.365	2.436	2.367	2.314	2.261	2.245	2.250	2.225
135.0	2.395	2.437	2.504	2.593	2.549	2.491	2.427	2.373	2.369	2.348
137.5	2.573	2.605	2.667	2.757	2.751	2.670	2.611	2.554	2.505	2.499
140.0	2.760	2.787	2.844	2.910	2.943	2.872	2.806	2.746	2.694	2.679
142.5	2.953	2.969	3.009	3.069	3.144	3.081	3.011	2.946	2.912	2.907
145.0	3.152	3.160	3.190	3.240	3.306	3.292	3.219	3.169	3.147	3.133
147.5	3.355	3.355	3.371	3.391	3.437	3.518	3.446	3.406	3.375	3.356
150.0	3.445	3.452	3.470	3.509	3.565	3.652	3.685	3.640	3.607	3.576
152.5	3.599	3.534	3.572	3.626	3.699	3.787	3.895	3.871	3.827	3.801
155.0	3.642	3.673	3.718	3.777	3.848	3.919	3.995	4.092	4.058	4.013
157.5	3.791	3.818	3.851	3.892	3.943	4.006	4.086	4.172	4.262	4.215
160.0	3.847	3.880	3.919	3.965	4.020	4.080	4.144	4.224	4.253	4.202
162.5	3.896	3.933	3.974	4.019	4.072	4.123	4.151	4.142	4.130	4.126
165.0	3.940	3.971	4.001	4.025	4.043	4.055	4.063	4.072	4.068	4.050
167.5	3.949	3.965	3.980	3.995	4.006	4.013	4.014	4.009	3.996	3.974
170.0	3.949	3.956	3.962	3.966	3.967	3.966	3.957	3.943	3.913	3.873
172.5	3.919	3.916	3.910	3.902	3.890	3.877	3.861	3.842	3.821	3.797
175.0	3.823	3.819	3.814	3.809	3.802	3.794	3.785	3.775	3.769	3.766
177.5	3.786	3.783	3.781	3.777	3.773	3.769	3.764	3.759	3.755	3.751
180.0	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744

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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1340	1337	1335	1333	1332	1331	1330	1329	1329	1329
5.0	1296	1293	1290	1288	1286	1284	1282	1281	1281	1281
7.5	1242	1240	1239	1239	1237	1236	1234	1233	1233	1233
10.0	1187	1185	1184	1185	1186	1186	1186	1185	1184	1185
12.5	1126	1128	1129	1130	1132	1135	1137	1137	1136	1137
15.0	1052	1063	1071	1075	1078	1083	1087	1088	1088	1089
17.5	974.6	989.7	1004	1011	1013	1015	1019	1020	1020	1022
20.0	905.8	907.8	918.9	931.5	938.7	943.4	948.6	951.4	952.1	953.9
22.5	836.8	833.8	837.9	851.1	862.6	871.4	878.5	882.6	884.1	885.9
25.0	771.5	766.3	765.6	773.5	786.3	798.2	808.4	813.7	816.1	817.8
27.5	705.3	702.0	699.6	701.6	711.3	723.5	738.2	744.7	748.1	749.5
30.0	632.8	636.4	636.2	634.9	639.2	649.2	668.2	675.7	680.1	681.1
32.5	556.9	564.8	572.4	572.6	571.7	578.0	595.2	603.0	606.8	608.1
35.0	488.0	492.9	508.1	509.5	507.2	510.2	523.0	530.4	533.5	535.0
37.5	427.9	429.8	443.4	449.1	444.2	443.9	452.0	458.0	460.2	461.9
40.0	380.3	377.7	383.8	387.8	383.0	379.2	382.0	385.6	386.9	388.9
42.5	334.7	330.0	327.8	329.6	322.6	315.7	313.4	313.6	313.6	316.0
45.0	291.2	286.2	278.3	273.4	263.3	253.4	246.2	241.7	240.3	243.2
47.5	252.5	244.0	232.8	220.4	216.9	218.2	219.8	221.2	222.1	222.7
50.0	216.8	204.9	199.0	199.1	199.6	200.6	201.9	203.2	203.9	204.5
52.5	184.3	182.7	182.2	182.2	182.4	183.1	184.1	185.1	185.8	186.3
55.0	167.8	166.5	165.8	165.5	165.4	165.8	166.4	167.1	167.6	168.1
57.5	151.9	150.5	149.5	149.0	148.6	148.5	148.7	149.1	149.5	150.0
60.0	136.1	134.7	133.5	132.6	131.9	131.4	131.1	131.1	131.3	131.8
62.5	120.7	119.1	117.7	116.6	116.9	117.2	117.7	118.1	118.5	118.8
65.0	105.5	104.1	104.0	104.1	104.3	104.6	104.9	105.3	105.7	106.0
67.5	91.87	91.69	91.60	91.60	91.73	91.94	92.24	92.58	92.88	93.21
70.0	79.61	79.40	79.25	79.18	79.22	79.34	79.55	79.82	80.08	80.42
72.5	67.49	67.22	66.98	66.82	66.75	66.76	66.88	67.07	67.27	67.63
75.0	55.50	55.13	54.78	54.51	54.30	54.20	54.22	54.32	54.47	54.84
77.5	43.64	43.13	43.46	43.92	44.33	44.71	45.06	45.34	45.53	45.77
80.0	34.08	34.56	34.97	35.34	35.67	35.97	36.24	36.45	36.59	36.79
82.5	25.83	26.21	26.51	26.79	27.02	27.24	27.42	27.56	27.65	27.81
85.0	17.64	17.89	18.09	18.25	18.39	18.51	18.61	18.67	18.71	18.83
87.5	9.492	9.608	9.676	9.730	9.771	9.795	9.806	9.787	9.771	9.843
90.0	1.363	1.335	1.274	1.214	1.153	1.078	0.9988	0.9010	0.8310	0.8592
92.5	1.379	1.351	1.295	1.242	1.187	1.118	1.047	0.9588	0.8730	0.8888
95.0	1.395	1.366	1.316	1.269	1.221	1.158	1.094	1.017	0.9151	0.9181
97.5	1.410	1.381	1.336	1.297	1.255	1.198	1.142	1.074	0.9571	0.9473
100.0	1.424	1.394	1.357	1.324	1.289	1.237	1.189	1.132	0.9992	0.9762
102.5	1.453	1.409	1.377	1.352	1.323	1.277	1.236	1.190	1.041	1.005
105.0	1.507	1.465	1.431	1.399	1.368	1.318	1.283	1.249	1.083	1.033
107.5	1.561	1.521	1.495	1.465	1.431	1.361	1.334	1.315	1.136	1.063
110.0	1.615	1.582	1.559	1.530	1.487	1.403	1.387	1.380	1.189	1.092
112.5	1.669	1.646	1.624	1.595	1.538	1.443	1.443	1.445	1.242	1.122
115.0	1.721	1.706	1.691	1.656	1.582	1.480	1.503	1.509	1.294	1.151
117.5	1.769	1.750	1.744	1.715	1.632	1.516	1.565	1.573	1.347	1.180
120.0	1.817	1.789	1.774	1.760	1.701	1.578	1.639	1.636	1.400	1.210
122.5	1.862	1.823	1.808	1.812	1.784	1.701	1.763	1.710	1.468	1.266
125.0	1.907	1.857	1.848	1.864	1.868	1.827	1.887	1.778	1.536	1.325
127.5	1.944	1.884	1.888	1.925	1.962	1.957	2.009	1.838	1.604	1.388
130.0	2.042	1.945	1.931	1.998	2.074	2.090	2.126	1.894	1.671	1.454
132.5	2.167	2.114	2.079	2.098	2.195	2.225	2.243	1.952	1.739	1.522
135.0	2.313	2.297	2.285	2.321	2.363	2.371	2.358	2.014	1.807	1.592
137.5	2.499	2.486	2.486	2.523	2.546	2.539	2.459	2.112	1.918	1.678
140.0	2.696	2.693	2.691	2.712	2.727	2.688	2.548	2.212	2.029	1.768
142.5	2.910	2.909	2.897	2.909	2.900	2.815	2.623	2.314	2.140	1.861
145.0	3.125	3.115	3.100	3.106	3.069	2.916	2.672	2.419	2.251	1.960
147.5	3.344	3.316	3.296	3.297	3.233	2.992	2.716	2.526	2.362	2.065
150.0	3.554	3.528	3.481	3.430	3.357	3.070	2.772	2.634	2.473	2.179
152.5	3.764	3.718	3.633	3.554	3.410	3.157	2.912	2.794	2.655	2.372
155.0	3.972	3.843	3.755	3.664	3.465	3.240	3.052	2.956	2.838	2.567
157.5	4.063	3.951	3.855	3.725	3.528	3.332	3.198	3.119	3.020	2.764
160.0	4.135	4.037	3.924	3.771	3.593	3.437	3.348	3.284	3.202	2.963
162.5	4.103	4.054	3.965	3.812	3.668	3.566	3.501	3.450	3.385	3.167
165.0	4.018	3.967	3.884	3.753	3.722	3.675	3.643	3.615	3.567	3.374
167.5	3.934	3.867	3.805	3.791	3.709	3.684	3.657	3.635	3.597	3.463
170.0	3.835	3.796	3.758	3.729	3.712	3.693	3.672	3.653	3.626	3.541
172.5	3.775	3.755	3.741	3.734	3.718	3.701	3.688	3.672	3.656	3.608
175.0	3.762	3.756	3.743	3.731	3.721	3.712	3.703	3.694	3.685	3.664
177.5	3.746	3.742	3.737	3.732	3.729	3.725	3.721	3.718	3.715	3.709
180.0	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744

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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1329	1330	1331	1333	1335	1337	1340	1343	1346	1349
5.0	1282	1284	1286	1290	1293	1298	1303	1308	1314	1320
7.5	1235	1237	1241	1246	1250	1255	1260	1264	1269	1275
10.0	1187	1191	1195	1199	1202	1204	1206	1210	1216	1223
12.5	1140	1143	1146	1147	1147	1148	1152	1156	1159	1163
15.0	1092	1095	1095	1092	1092	1094	1093	1090	1086	1083
17.5	1026	1029	1029	1031	1035	1032	1022	1012	1006	1006
20.0	957.4	958.9	957.7	958.7	957.2	949.9	943.0	939.9	941.4	946.8
22.5	888.7	888.0	886.1	883.0	875.5	867.4	867.0	875.1	887.0	894.0
25.0	819.4	817.6	812.8	805.3	797.0	794.5	800.8	811.0	825.0	840.5
27.5	749.8	747.4	737.8	729.6	725.7	729.5	737.1	746.4	755.1	762.4
30.0	680.4	675.6	662.8	658.6	660.7	666.7	671.9	674.4	675.4	677.4
32.5	608.1	602.1	591.3	593.0	598.9	603.3	600.8	596.7	597.5	604.9
35.0	535.7	529.4	524.0	529.0	536.7	535.2	525.1	523.7	530.8	534.1
37.5	463.7	458.8	458.6	466.4	473.6	467.2	455.0	461.3	467.7	466.0
40.0	391.9	390.5	394.9	404.7	411.1	404.3	401.9	405.8	408.8	409.7
42.5	320.7	323.9	332.4	344.1	350.8	348.7	353.5	357.6	357.0	361.6
45.0	250.1	258.9	270.8	284.9	294.3	299.7	307.8	312.2	313.8	315.2
47.5	222.8	222.6	222.4	227.4	242.6	254.6	264.7	270.5	274.3	274.7
50.0	204.7	204.6	204.6	205.0	205.6	211.9	224.7	233.3	236.7	237.8
52.5	186.7	186.8	187.1	187.7	188.4	188.1	188.0	198.7	201.8	206.9
55.0	168.6	169.0	169.6	170.5	171.4	171.0	169.7	166.8	169.7	176.6
57.5	150.6	151.4	152.4	153.5	154.6	153.8	151.4	146.7	141.0	146.8
60.0	132.7	133.8	135.2	136.7	138.1	136.3	132.9	127.8	123.0	119.6
62.5	119.1	119.5	119.8	120.2	122.0	118.7	114.4	110.0	106.2	103.0
65.0	106.4	106.7	107.1	107.5	107.8	101.5	96.58	93.35	90.58	88.12
67.5	93.59	93.96	94.41	94.91	94.38	88.04	81.99	77.66	75.98	74.27
70.0	80.82	81.24	81.76	82.31	81.00	75.13	70.09	65.90	62.58	61.39
72.5	68.07	68.55	69.13	69.76	67.63	62.68	58.65	54.95	51.92	49.95
75.0	55.32	55.86	56.54	57.23	54.50	50.66	47.58	44.30	41.65	40.37
77.5	45.98	46.10	46.23	46.20	42.51	38.96	36.81	33.89	31.82	31.24
80.0	36.96	37.04	37.14	37.03	33.89	30.90	28.31	24.76	22.34	22.54
82.5	27.95	27.98	28.05	27.90	25.42	23.16	21.16	18.43	16.49	15.66
85.0	18.94	18.92	18.97	18.81	17.07	15.52	14.16	12.32	11.09	10.52
87.5	9.927	9.863	9.892	9.743	8.782	7.969	7.270	6.361	5.768	5.475
90.0	0.9150	0.8977	0.8169	0.6861	0.5369	0.4528	0.4342	0.4808	0.4808	0.4808
92.5	0.9521	0.8556	0.8632	0.7357	0.5816	0.5066	0.4840	0.5279	0.5377	0.5567
95.0	0.9892	0.9042	0.9096	0.7871	0.6286	0.5616	0.5343	0.5737	0.5942	0.6320
97.5	1.026	0.9529	0.9560	0.8417	0.6790	0.6174	0.5854	0.6171	0.6501	0.7061
100.0	1.063	1.002	1.003	0.9009	0.7340	0.6736	0.6378	0.6568	0.7084	0.7954
102.5	1.101	1.050	1.050	0.9661	0.7950	0.7307	0.6973	0.7180	0.7972	0.8970
105.0	1.137	1.098	1.098	1.040	0.8737	0.7990	0.7657	0.7893	0.8823	0.9878
107.5	1.166	1.153	1.145	1.107	0.9538	0.8628	0.8321	0.8595	0.9592	1.072
110.0	1.191	1.209	1.192	1.169	1.039	0.9275	0.8959	0.9277	1.030	1.131
112.5	1.212	1.266	1.239	1.227	1.129	0.9898	0.9571	0.9934	1.081	1.175
115.0	1.228	1.321	1.288	1.283	1.225	1.082	1.036	1.064	1.131	1.227
117.5	1.246	1.375	1.337	1.333	1.316	1.187	1.149	1.136	1.198	1.279
120.0	1.268	1.415	1.387	1.392	1.376	1.282	1.261	1.209	1.261	1.332
122.5	1.304	1.428	1.432	1.451	1.427	1.366	1.349	1.297	1.325	1.348
125.0	1.340	1.441	1.466	1.511	1.480	1.437	1.445	1.429	1.367	1.364
127.5	1.376	1.453	1.490	1.570	1.555	1.494	1.527	1.519	1.419	1.397
130.0	1.410	1.463	1.495	1.624	1.631	1.543	1.555	1.570	1.488	1.458
132.5	1.442	1.477	1.503	1.657	1.681	1.613	1.582	1.610	1.612	1.527
135.0	1.480	1.516	1.555	1.687	1.720	1.690	1.654	1.636	1.664	1.620
137.5	1.560	1.580	1.627	1.714	1.765	1.755	1.722	1.656	1.694	1.722
140.0	1.644	1.644	1.698	1.743	1.793	1.789	1.807	1.768	1.714	1.742
142.5	1.732	1.708	1.768	1.795	1.823	1.837	1.843	1.861	1.778	1.777
145.0	1.820	1.771	1.818	1.871	1.868	1.880	1.882	1.933	1.915	1.844
147.5	1.903	1.835	1.866	1.938	1.934	1.922	1.948	1.968	2.012	1.994
150.0	1.992	1.939	1.929	1.988	2.006	1.984	1.981	2.011	2.052	2.094
152.5	2.152	2.077	2.022	2.031	2.059	2.060	2.043	2.040	2.085	2.131
155.0	2.327	2.224	2.131	2.109	2.107	2.131	2.119	2.107	2.099	2.153
157.5	2.523	2.378	2.273	2.218	2.178	2.173	2.196	2.190	2.180	2.155
160.0	2.734	2.548	2.439	2.349	2.305	2.250	2.240	2.268	2.264	2.243
162.5	2.954	2.762	2.623	2.520	2.448	2.414	2.375	2.357	2.358	2.358
165.0	3.177	2.994	2.834	2.739	2.667	2.625	2.601	2.575	2.549	2.524
167.5	3.325	3.186	3.070	2.975	2.910	2.863	2.830	2.815	2.804	2.796
170.0	3.454	3.360	3.275	3.208	3.154	3.112	3.082	3.064	3.055	3.054
172.5	3.560	3.515	3.455	3.404	3.371	3.346	3.331	3.318	3.308	3.305
175.0	3.644	3.624	3.607	3.587	3.558	3.533	3.520	3.515	3.515	3.519
177.5	3.704	3.700	3.696	3.693	3.691	3.690	3.690	3.691	3.693	3.694
180.0	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744	3.744

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	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1353	1357	1360	1364	1369	1373	1377	1373	1369	1365
5.0	1326	1332	1339	1347	1355	1363	1371	1363	1355	1348
7.5	1281	1289	1297	1307	1318	1329	1341	1329	1319	1309
10.0	1231	1240	1250	1261	1274	1289	1305	1289	1275	1263
12.5	1167	1172	1179	1188	1201	1216	1234	1217	1203	1192
15.0	1083	1087	1095	1107	1121	1139	1159	1140	1124	1110
17.5	1011	1021	1033	1048	1065	1086	1108	1087	1068	1051
20.0	955.1	966.4	980.5	996.9	1016	1038	1063	1039	1018	1000
22.5	903.1	913.1	924.8	938.4	956.1	977.6	1005	979.2	959.2	942.9
25.0	842.6	844.3	848.3	856.9	870.9	890.9	917.6	892.1	873.7	861.6
27.5	765.4	762.7	766.2	774.1	787.5	807.8	834.9	807.9	787.4	774.6
30.0	686.4	691.0	689.4	694.4	706.5	726.1	754.1	728.8	711.3	699.5
32.5	609.5	608.3	606.1	609.1	615.7	629.8	651.2	631.7	619.8	616.8
35.0	530.7	535.3	541.1	545.6	555.6	571.1	592.2	572.8	558.9	550.5
37.5	468.6	478.7	493.3	498.6	507.4	521.2	541.2	522.7	510.4	503.7
40.0	417.2	428.9	444.7	451.5	458.0	470.1	488.9	471.1	460.3	455.5
42.5	369.1	380.2	394.5	403.8	406.2	415.4	432.7	416.6	408.4	406.8
45.0	322.8	334.5	345.7	352.2	351.7	357.4	370.6	358.8	355.1	350.8
47.5	280.9	293.3	297.6	305.4	305.9	308.0	316.2	308.6	307.5	309.9
50.0	247.6	252.9	257.1	268.1	272.8	273.7	279.4	274.3	274.2	273.5
52.5	213.8	216.7	222.2	235.8	246.8	246.6	251.4	247.1	247.9	245.0
55.0	181.1	183.4	190.1	205.8	224.0	223.6	230.1	225.4	225.9	219.8
57.5	151.7	154.2	159.5	176.1	195.5	197.5	208.7	203.9	204.4	196.8
60.0	125.5	128.8	131.3	145.3	160.9	169.9	186.3	181.8	181.0	174.8
62.5	102.7	106.6	109.3	117.2	129.1	141.9	163.4	159.9	158.4	154.0
65.0	85.95	87.31	89.92	93.22	102.7	116.5	142.0	138.4	136.5	134.7
67.5	72.55	70.94	73.14	74.52	80.47	91.63	119.8	117.5	116.1	114.7
70.0	60.34	58.78	58.69	59.78	62.83	70.71	102.0	100.5	98.86	96.94
72.5	49.10	47.54	46.97	47.06	48.49	51.68	85.22	84.02	83.27	80.56
75.0	39.10	37.19	36.88	35.63	35.81	36.03	67.10	65.70	65.67	64.26
77.5	30.35	28.35	27.87	27.01	26.50	25.90	45.15	50.06	49.68	48.99
80.0	22.24	21.18	20.59	20.64	19.78	19.36	19.04	37.59	36.68	35.92
82.5	14.82	14.57	14.59	15.42	15.58	13.92	12.89	25.78	25.07	24.49
85.0	9.933	9.296	9.210	9.921	10.82	10.40	7.231	14.76	14.60	13.88
87.5	5.175	4.878	4.902	4.984	4.703	4.821	2.491	5.552	5.197	6.041
90.0	0.4808	0.5463	0.6115	0.5414	0.4527	0.3688	0.1587	0.1354	0.1447	0.1541
92.5	0.5678	0.6729	0.7817	0.7862	0.7722	0.8822	0.0934	0.1063	0.1053	0.1243
95.0	0.6538	0.7812	0.9466	1.043	1.169	1.499	0.0934	0.1170	0.1065	0.1074
97.5	0.7379	0.8815	1.149	1.323	1.538	1.550	0.1026	0.1083	0.1286	0.1101
100.0	0.8712	1.005	1.314	1.527	1.816	1.544	0.1495	0.1401	0.1720	0.1550
102.5	0.9967	1.137	1.390	1.619	1.644	1.455	0.1494	0.1701	0.1731	0.1900
105.0	1.113	1.246	1.433	1.628	1.596	1.437	0.1633	0.2132	0.2064	0.2216
107.5	1.187	1.321	1.476	1.488	1.366	1.470	0.2170	0.2588	0.2252	0.2544
110.0	1.241	1.378	1.477	1.423	1.411	1.584	0.2426	0.2942	0.2739	0.2796
112.5	1.293	1.420	1.438	1.375	1.468	1.684	0.2917	0.3278	0.3259	0.3085
115.0	1.329	1.398	1.397	1.372	1.519	1.739	0.3359	0.3758	0.3725	0.3683
117.5	1.347	1.386	1.369	1.426	1.578	1.672	0.3757	0.4082	0.4349	0.4133
120.0	1.354	1.379	1.363	1.481	1.630	1.364	0.4482	0.4691	0.4926	0.4711
122.5	1.371	1.387	1.421	1.538	1.675	1.297	0.5039	0.5262	0.5555	0.5315
125.0	1.386	1.404	1.482	1.596	1.650	1.294	0.5878	0.5946	0.6216	0.6117
127.5	1.401	1.443	1.531	1.637	1.595	1.265	0.6416	0.6590	0.6835	0.6834
130.0	1.416	1.496	1.582	1.671	1.547	1.254	0.7231	0.7291	0.7532	0.7665
132.5	1.521	1.584	1.645	1.726	1.519	1.240	0.7863	0.7986	0.8274	0.8555
135.0	1.568	1.655	1.766	1.780	1.541	1.306	0.9006	0.8979	0.9151	0.9463
137.5	1.681	1.627	1.748	1.800	1.608	1.389	0.9892	0.9950	1.009	1.035
140.0	1.772	1.775	1.703	1.627	1.532	1.387	1.092	1.094	1.109	1.138
142.5	1.788	1.817	1.850	1.712	1.522	1.391	1.206	1.205	1.218	1.241
145.0	1.840	1.839	1.790	1.677	1.554	1.426	1.321	1.316	1.328	1.355
147.5	1.943	1.922	1.801	1.684	1.565	1.452	1.451	1.448	1.457	1.473
150.0	2.091	2.002	1.867	1.748	1.642	1.545	1.573	1.567	1.574	1.592
152.5	2.157	2.074	1.967	1.853	1.748	1.657	1.703	1.695	1.698	1.716
155.0	2.142	2.105	2.044	1.970	1.881	1.798	1.876	1.857	1.845	1.841
157.5	2.141	2.134	2.099	2.062	2.018	1.969	1.986	1.973	1.971	1.982
160.0	2.220	2.194	2.171	2.156	2.144	2.131	2.170	2.150	2.135	2.127
162.5	2.344	2.325	2.309	2.297	2.290	2.290	2.268	2.255	2.249	2.250
165.0	2.498	2.492	2.486	2.484	2.486	2.496	2.390	2.378	2.374	2.375
167.5	2.793	2.788	2.784	2.786	2.793	2.812	2.521	2.508	2.500	2.496
170.0	3.061	3.073	3.088	3.109	3.138	3.175	2.637	2.627	2.619	2.613
172.5	3.311	3.322	3.340	3.363	3.392	3.425	2.742	2.734	2.729	2.727
175.0	3.528	3.541	3.557	3.576	3.598	3.621	2.838	2.830	2.823	2.816
177.5	3.691	3.690	3.691	3.694	3.698	3.704	2.882	2.879	2.877	2.876
180.0	3.744	3.744	3.744	3.744	3.744	3.744	2.927	2.927	2.927	2.927

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	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1361	1357	1354	1350	1347	1344	1341	1339	1337	1335
5.0	1341	1334	1328	1322	1317	1311	1306	1301	1297	1293
7.5	1300	1292	1285	1279	1274	1269	1265	1260	1256	1251
10.0	1252	1243	1235	1227	1221	1217	1213	1211	1209	1206
12.5	1183	1176	1172	1168	1165	1163	1160	1157	1157	1157
15.0	1100	1093	1090	1091	1094	1098	1101	1103	1103	1104
17.5	1037	1027	1019	1015	1017	1024	1033	1043	1047	1044
20.0	984.8	972.2	962.3	955.6	952.1	953.6	957.5	963.3	968.8	970.7
22.5	930.2	919.2	910.1	902.7	897.5	886.6	880.4	881.6	889.2	895.5
25.0	855.1	852.9	851.9	849.8	833.8	820.8	811.9	807.6	811.1	819.1
27.5	768.9	769.8	776.0	773.4	764.0	754.5	746.6	740.4	738.9	744.3
30.0	691.7	690.5	690.9	686.6	685.4	682.3	679.5	676.3	672.2	672.6
32.5	617.9	618.9	612.6	608.6	605.6	605.7	607.6	611.1	609.0	605.6
35.0	548.5	547.0	542.4	539.7	535.8	531.2	532.4	541.6	545.3	539.3
37.5	500.3	486.5	478.3	475.7	474.5	467.4	462.2	472.8	480.2	474.6
40.0	451.0	437.7	426.2	419.0	416.3	413.4	407.6	410.0	416.4	411.5
42.5	400.6	389.9	380.3	371.5	364.8	364.8	358.9	354.1	355.3	349.6
45.0	352.1	344.9	336.2	328.4	323.0	318.2	313.6	304.1	298.3	289.2
47.5	307.5	303.8	296.5	290.0	285.3	277.6	270.5	258.4	246.1	230.8
50.0	269.8	268.3	262.3	256.4	250.3	241.3	230.1	215.5	208.6	208.1
52.5	240.6	238.4	233.3	226.1	218.6	208.2	193.6	191.7	191.1	190.4
55.0	215.5	212.6	206.3	199.0	190.1	179.0	176.5	174.7	173.7	172.9
57.5	192.8	187.9	181.7	174.1	164.8	162.4	160.0	158.0	156.7	155.5
60.0	171.1	165.3	159.1	151.1	148.3	146.1	143.8	141.6	139.9	138.4
62.5	149.7	144.5	138.4	134.6	132.3	130.1	127.8	125.5	123.4	121.6
65.0	129.8	125.3	121.1	118.9	116.7	114.4	112.0	109.9	109.3	108.8
67.5	111.5	107.7	105.7	103.7	101.5	99.06	97.94	97.23	96.57	96.07
70.0	94.52	92.27	90.96	88.92	86.81	85.93	85.35	84.63	83.96	83.39
72.5	78.94	77.26	76.71	74.77	73.59	73.11	72.90	72.12	71.40	70.76
75.0	63.71	62.65	62.76	61.00	60.42	60.32	60.49	59.72	58.92	58.17
77.5	48.98	48.50	48.77	47.16	47.38	47.54	48.15	47.38	47.15	47.05
80.0	35.65	35.55	35.20	33.52	34.47	35.82	37.60	37.76	37.71	37.64
82.5	23.92	23.39	22.37	22.83	25.38	26.70	28.13	28.32	28.29	28.24
85.0	13.37	14.25	14.83	15.17	16.85	17.75	18.74	18.90	18.88	18.85
87.5	6.670	7.125	7.438	7.613	8.447	8.899	9.412	9.493	9.484	9.472
90.0	0.1541	0.1171	0.1167	0.1121	0.1121	0.1075	0.1074	0.0981	0.0934	0.0934
92.5	0.1363	0.1222	0.1229	0.1216	0.1218	0.1186	0.1196	0.1142	0.1095	0.1088
95.0	0.1210	0.1260	0.1291	0.1318	0.1320	0.1303	0.1317	0.1300	0.1257	0.1243
97.5	0.1327	0.1297	0.1351	0.1430	0.1430	0.1434	0.1438	0.1454	0.1418	0.1397
100.0	0.1443	0.1399	0.1498	0.1582	0.1560	0.1585	0.1558	0.1600	0.1578	0.1550
102.5	0.1695	0.1593	0.1687	0.1755	0.1774	0.1791	0.1730	0.1742	0.1738	0.1704
105.0	0.2093	0.1964	0.1952	0.1990	0.1967	0.2041	0.1993	0.1995	0.1979	0.1964
107.5	0.2549	0.2411	0.2340	0.2193	0.2166	0.2346	0.2253	0.2239	0.2241	0.2320
110.0	0.3007	0.2880	0.2794	0.2596	0.2397	0.2675	0.2509	0.2509	0.2502	0.2673
112.5	0.3300	0.3382	0.3288	0.3073	0.2941	0.2988	0.2763	0.2804	0.2776	0.3024
115.0	0.3646	0.3814	0.3779	0.3589	0.3481	0.3461	0.3154	0.3050	0.3061	0.3390
117.5	0.4107	0.4251	0.4253	0.4166	0.4106	0.4006	0.3764	0.3630	0.3531	0.3763
120.0	0.4519	0.4724	0.4738	0.4797	0.4710	0.4546	0.4433	0.4285	0.4293	0.4416
122.5	0.5369	0.5291	0.5227	0.5271	0.5305	0.5146	0.5043	0.5016	0.5078	0.5104
125.0	0.5918	0.5780	0.5929	0.5908	0.5941	0.5791	0.5748	0.5696	0.5848	0.5804
127.5	0.6656	0.6479	0.6451	0.6594	0.6527	0.6539	0.6472	0.6404	0.6546	0.6547
130.0	0.7433	0.7244	0.7291	0.7364	0.7371	0.7296	0.7289	0.7213	0.7245	0.7340
132.5	0.8346	0.8227	0.8169	0.8055	0.8198	0.8261	0.8201	0.8169	0.8159	0.8181
135.0	0.9305	0.9234	0.8985	0.9065	0.9037	0.9065	0.9134	0.9281	0.9252	0.9261
137.5	1.046	1.020	1.018	1.012	1.024	1.013	1.020	1.028	1.031	1.042
140.0	1.161	1.140	1.134	1.126	1.115	1.117	1.134	1.140	1.152	1.167
142.5	1.273	1.270	1.256	1.240	1.239	1.239	1.249	1.260	1.271	1.285
145.0	1.395	1.405	1.382	1.373	1.371	1.379	1.376	1.381	1.401	1.406
147.5	1.502	1.542	1.523	1.512	1.509	1.504	1.513	1.521	1.541	1.549
150.0	1.617	1.658	1.669	1.657	1.649	1.660	1.662	1.670	1.674	1.689
152.5	1.743	1.775	1.805	1.812	1.811	1.812	1.809	1.821	1.829	1.835
155.0	1.859	1.890	1.933	1.980	1.975	1.964	1.972	1.970	1.982	1.992
157.5	2.002	2.034	2.061	2.092	2.128	2.131	2.128	2.134	2.136	2.147
160.0	2.131	2.148	2.171	2.202	2.235	2.276	2.294	2.294	2.298	2.304
162.5	2.256	2.269	2.286	2.313	2.342	2.372	2.405	2.437	2.459	2.463
165.0	2.383	2.393	2.407	2.421	2.446	2.469	2.490	2.515	2.544	2.567
167.5	2.501	2.513	2.523	2.529	2.540	2.555	2.575	2.598	2.612	2.630
170.0	2.611	2.612	2.616	2.623	2.636	2.653	2.657	2.667	2.685	2.692
172.5	2.728	2.723	2.718	2.714	2.720	2.731	2.739	2.739	2.741	2.742
175.0	2.810	2.804	2.800	2.796	2.793	2.791	2.789	2.793	2.804	2.816
177.5	2.875	2.876	2.878	2.881	2.881	2.880	2.879	2.878	2.878	2.878
180.0	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927

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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1333	1332	1331	1331	1331	1331	1332	1333	1334	1335
5.0	1290	1287	1286	1285	1285	1285	1286	1288	1290	1292
7.5	1247	1243	1240	1239	1238	1239	1240	1242	1244	1245
10.0	1202	1198	1195	1193	1192	1193	1194	1195	1195	1194
12.5	1156	1153	1149	1147	1146	1147	1148	1147	1144	1141
15.0	1107	1107	1104	1101	1100	1101	1100	1097	1093	1088
17.5	1043	1042	1039	1034	1033	1034	1034	1030	1027	1024
20.0	970.6	972.4	971.4	967.7	966.2	966.4	964.0	958.7	953.0	945.3
22.5	898.3	901.3	903.4	900.9	899.3	898.9	894.1	886.2	877.4	865.7
25.0	825.3	830.2	834.6	833.9	832.5	831.1	823.8	813.1	801.6	787.6
27.5	751.8	758.9	765.3	766.8	765.6	763.0	753.2	739.8	726.7	714.8
30.0	678.4	687.2	695.8	699.5	698.8	694.8	682.6	666.5	653.7	647.6
32.5	606.7	613.6	621.1	624.2	623.1	619.6	608.2	594.2	584.7	583.7
35.0	536.7	540.6	546.3	548.8	547.4	544.4	534.4	523.5	518.2	519.9
37.5	468.8	469.1	472.3	473.5	471.8	469.4	461.8	454.6	453.5	457.2
40.0	402.9	399.2	398.9	398.1	396.1	394.5	390.3	387.5	390.2	395.4
42.5	338.5	330.7	326.4	322.9	320.4	320.1	319.9	321.9	328.4	335.7
45.0	275.3	263.6	254.6	247.9	244.8	246.0	250.7	257.8	267.9	278.3
47.5	225.8	226.2	226.7	226.8	226.2	225.1	223.5	221.8	220.3	223.9
50.0	207.7	207.8	208.2	208.2	207.6	206.6	205.2	203.8	202.7	202.1
52.5	189.8	189.6	189.7	189.6	189.0	188.2	187.1	186.0	185.2	184.9
55.0	172.1	171.5	171.2	170.9	170.4	169.7	169.0	168.3	167.9	167.9
57.5	154.4	153.5	152.9	152.3	151.8	151.3	151.0	150.7	150.8	151.1
60.0	136.9	135.6	134.5	133.7	133.2	133.0	133.0	133.3	133.8	134.5
62.5	121.3	121.0	120.8	120.6	120.3	119.9	119.4	118.9	118.6	118.2
65.0	108.5	108.2	107.9	107.7	107.4	107.0	106.6	106.2	105.8	105.6
67.5	95.67	95.34	95.05	94.79	94.47	94.12	93.76	93.43	93.17	92.99
70.0	82.92	82.51	82.18	81.89	81.56	81.26	80.97	80.72	80.55	80.46
72.5	70.20	69.71	69.31	68.99	68.65	68.40	68.18	68.04	67.97	67.99
75.0	57.50	56.92	56.46	56.09	55.74	55.54	55.42	55.37	55.43	55.58
77.5	46.97	46.88	46.84	46.73	46.47	46.25	45.95	45.59	45.19	44.78
80.0	37.58	37.52	37.52	37.44	37.20	37.04	36.81	36.52	36.19	35.85
82.5	28.20	28.16	28.21	28.15	27.92	27.84	27.68	27.45	27.21	26.95
85.0	18.83	18.80	18.90	18.87	18.65	18.64	18.55	18.40	18.23	18.06
87.5	9.461	9.448	9.594	9.578	9.373	9.435	9.420	9.350	9.266	9.177
90.0	0.0934	0.0934	0.2844	0.2894	0.0983	0.2334	0.2940	0.3035	0.3035	0.3035
92.5	0.1083	0.1079	0.2663	0.2707	0.1099	0.2225	0.2718	0.2785	0.2778	0.2768
95.0	0.1232	0.1224	0.2481	0.2519	0.1216	0.2115	0.2494	0.2535	0.2521	0.2502
97.5	0.1380	0.1368	0.2299	0.2332	0.1332	0.2006	0.2271	0.2286	0.2265	0.2237
100.0	0.1529	0.1513	0.2118	0.2145	0.1448	0.1897	0.2049	0.2036	0.2009	0.1972
102.5	0.1677	0.1658	0.1937	0.1957	0.1564	0.1788	0.1830	0.1787	0.1754	0.1708
105.0	0.1896	0.1841	0.1804	0.1781	0.1681	0.1689	0.1668	0.1667	0.1733	0.1821
107.5	0.2249	0.2186	0.2142	0.2125	0.2054	0.2071	0.2062	0.2076	0.2150	0.2251
110.0	0.2600	0.2530	0.2481	0.2468	0.2428	0.2454	0.2456	0.2484	0.2567	0.2679
112.5	0.2950	0.2873	0.2819	0.2812	0.2801	0.2836	0.2850	0.2894	0.2982	0.3105
115.0	0.3299	0.3215	0.3157	0.3155	0.3175	0.3218	0.3243	0.3302	0.3395	0.3528
117.5	0.3646	0.3557	0.3495	0.3498	0.3548	0.3600	0.3637	0.3705	0.3807	0.3948
120.0	0.4234	0.4060	0.3911	0.3861	0.3922	0.4000	0.4095	0.4219	0.4419	0.4552
122.5	0.4985	0.4878	0.4772	0.4726	0.4770	0.4842	0.4938	0.4958	0.5162	0.5179
125.0	0.5749	0.5700	0.5643	0.5591	0.5618	0.5683	0.5784	0.5701	0.5890	0.5822
127.5	0.6542	0.6533	0.6521	0.6456	0.6466	0.6524	0.6631	0.6467	0.6612	0.6560
130.0	0.7379	0.7394	0.7397	0.7322	0.7314	0.7365	0.7474	0.7295	0.7336	0.7411
132.5	0.8217	0.8275	0.8277	0.8186	0.8162	0.8206	0.8316	0.8164	0.8056	0.8329
135.0	0.9285	0.9296	0.9228	0.9069	0.9010	0.9071	0.9254	0.9274	0.9239	0.9646
137.5	1.050	1.056	1.050	1.042	1.039	1.046	1.065	1.074	1.067	1.095
140.0	1.174	1.181	1.180	1.178	1.178	1.186	1.204	1.220	1.212	1.230
142.5	1.296	1.308	1.312	1.313	1.316	1.325	1.342	1.366	1.360	1.373
145.0	1.423	1.438	1.448	1.449	1.455	1.464	1.481	1.507	1.514	1.516
147.5	1.557	1.567	1.589	1.586	1.593	1.603	1.619	1.647	1.660	1.668
150.0	1.705	1.702	1.735	1.724	1.732	1.742	1.759	1.784	1.798	1.807
152.5	1.852	1.852	1.879	1.874	1.878	1.887	1.903	1.924	1.940	1.946
155.0	2.000	2.008	2.027	2.023	2.024	2.032	2.047	2.068	2.076	2.089
157.5	2.152	2.165	2.176	2.171	2.171	2.177	2.191	2.213	2.218	2.230
160.0	2.309	2.320	2.327	2.319	2.317	2.322	2.335	2.355	2.368	2.368
162.5	2.468	2.475	2.479	2.466	2.463	2.467	2.479	2.497	2.522	2.519
165.0	2.586	2.610	2.616	2.611	2.610	2.611	2.614	2.620	2.628	2.630
167.5	2.647	2.658	2.663	2.663	2.662	2.663	2.666	2.671	2.678	2.686
170.0	2.698	2.707	2.715	2.716	2.715	2.716	2.719	2.722	2.728	2.735
172.5	2.753	2.767	2.768	2.769	2.768	2.769	2.771	2.774	2.778	2.783
175.0	2.820	2.822	2.823	2.822	2.821	2.822	2.823	2.825	2.828	2.831
177.5	2.877	2.876	2.875	2.874	2.874	2.874	2.875	2.876	2.877	2.879
180.0	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927

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	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377
2.5	1337	1339	1341	1344	1347	1349	1352	1356	1359	1363
5.0	1294	1297	1300	1302	1306	1309	1314	1318	1324	1330
7.5	1246	1247	1248	1251	1255	1259	1264	1270	1277	1285
10.0	1193	1193	1194	1196	1197	1200	1203	1207	1212	1219
12.5	1139	1137	1134	1130	1126	1121	1118	1118	1122	1128
15.0	1082	1074	1063	1051	1042	1039	1040	1045	1053	1065
17.5	1018	1004	986.0	977.7	974.7	975.0	981.6	989.3	1001	1015
20.0	933.2	921.3	918.3	918.1	919.2	923.6	930.4	937.8	948.6	960.4
22.5	851.4	846.1	848.5	857.1	869.1	871.6	874.5	876.4	880.1	884.8
25.0	778.5	778.0	783.4	791.7	802.1	811.8	803.2	796.5	795.5	801.0
27.5	711.2	713.3	717.1	721.3	724.2	725.0	726.1	719.0	719.2	724.5
30.0	647.3	647.8	646.0	644.2	642.5	644.2	647.6	646.5	643.0	638.1
32.5	583.6	578.3	571.5	568.1	569.7	571.5	572.4	575.1	567.9	567.6
35.0	518.7	505.7	498.6	501.3	504.5	503.3	503.7	510.7	517.6	520.8
37.5	454.0	441.7	436.0	442.2	442.5	442.9	449.3	461.2	474.9	474.8
40.0	392.6	385.6	387.2	387.8	388.3	393.9	402.8	413.6	426.0	427.7
42.5	335.8	335.9	341.2	340.7	343.3	349.7	358.1	367.6	376.0	377.7
45.0	283.9	290.6	296.8	299.9	304.6	307.8	317.0	324.4	328.1	329.5
47.5	236.5	248.0	256.1	263.3	268.8	273.2	280.6	285.5	286.5	289.9
50.0	201.8	207.7	219.7	229.6	236.4	243.0	249.2	252.6	254.2	257.9
52.5	184.8	185.0	186.4	198.6	207.4	214.9	220.9	225.7	227.3	231.4
55.0	168.0	168.5	169.7	171.4	180.9	188.9	195.3	201.1	203.5	207.9
57.5	151.5	152.3	153.6	155.2	156.8	165.0	171.7	177.3	181.8	185.3
60.0	135.3	136.3	137.7	139.2	140.8	143.0	150.1	155.5	160.5	163.0
62.5	119.3	120.6	122.1	123.7	125.2	126.9	130.1	135.4	139.3	142.3
65.0	105.4	105.4	106.7	108.4	110.0	111.7	113.3	116.6	119.9	122.2
67.5	92.90	92.93	93.02	93.46	95.16	96.79	98.36	99.48	102.3	103.7
70.0	80.47	80.53	80.67	80.84	80.98	82.40	83.85	84.84	86.33	87.60
72.5	68.09	68.25	68.45	68.65	68.81	69.00	69.93	70.96	72.07	72.92
75.0	55.80	56.08	56.38	56.65	56.89	57.06	57.17	57.76	58.58	59.48
77.5	44.33	44.00	44.43	44.83	45.16	45.38	45.44	45.50	45.91	46.47
80.0	35.47	35.06	34.58	34.03	33.60	33.93	33.99	33.96	34.03	34.20
82.5	26.65	26.32	25.94	25.50	24.93	24.17	22.97	22.78	22.74	22.71
85.0	17.85	17.63	17.36	17.05	16.64	16.09	15.23	14.00	12.28	11.92
87.5	9.075	8.959	8.820	8.655	8.437	8.143	7.681	7.030	6.104	4.791
90.0	0.3035	0.3035	0.2988	0.2848	0.2708	0.2568	0.2382	0.2334	0.2101	0.1961
92.5	0.2756	0.2740	0.2683	0.2553	0.2420	0.2233	0.2061	0.1967	0.1780	0.1636
95.0	0.2478	0.2446	0.2379	0.2261	0.2135	0.1907	0.1744	0.1606	0.1450	0.1493
97.5	0.2200	0.2154	0.2077	0.1968	0.1849	0.1594	0.1418	0.1501	0.1582	0.1624
100.0	0.1924	0.1862	0.1778	0.1674	0.1617	0.1629	0.1689	0.1753	0.1821	0.1775
102.5	0.1649	0.1607	0.1726	0.1847	0.1946	0.1991	0.2026	0.2054	0.1985	0.1844
105.0	0.1922	0.2014	0.2107	0.2197	0.2276	0.2345	0.2386	0.2412	0.2170	0.2122
107.5	0.2351	0.2416	0.2487	0.2543	0.2597	0.2715	0.2732	0.2589	0.2489	0.2579
110.0	0.2776	0.2814	0.2879	0.2896	0.2985	0.3037	0.3067	0.2885	0.3076	0.3087
112.5	0.3198	0.3207	0.3303	0.3303	0.3366	0.3461	0.3374	0.3651	0.3434	0.3659
115.0	0.3621	0.3656	0.3773	0.3822	0.3855	0.3876	0.3695	0.4033	0.4029	0.4212
117.5	0.4134	0.4195	0.4249	0.4248	0.4421	0.4204	0.4214	0.4496	0.4744	0.4738
120.0	0.4703	0.4774	0.4735	0.4738	0.4923	0.4631	0.5061	0.5076	0.5351	0.5281
122.5	0.5276	0.5301	0.5204	0.5351	0.5334	0.5523	0.5646	0.5817	0.5942	0.5839
125.0	0.5944	0.5869	0.5768	0.5857	0.6000	0.6441	0.6431	0.6655	0.6570	0.6483
127.5	0.6576	0.6367	0.6458	0.6674	0.6964	0.7182	0.7368	0.7381	0.7360	0.7218
130.0	0.7191	0.7178	0.7542	0.7654	0.7982	0.8053	0.8229	0.8235	0.8131	0.8204
132.5	0.8206	0.8392	0.8607	0.8765	0.8940	0.9123	0.9167	0.9088	0.9109	0.9297
135.0	0.9501	0.9741	0.9726	1.002	1.008	1.023	1.019	1.015	1.011	1.031
137.5	1.008	1.097	1.105	1.117	1.127	1.128	1.129	1.133	1.131	1.132
140.0	1.236	1.232	1.239	1.242	1.252	1.248	1.247	1.256	1.261	1.261
142.5	1.377	1.374	1.375	1.378	1.370	1.378	1.379	1.383	1.407	1.385
145.0	1.518	1.519	1.513	1.508	1.515	1.504	1.519	1.526	1.524	1.514
147.5	1.666	1.658	1.653	1.649	1.650	1.664	1.653	1.684	1.658	1.647
150.0	1.807	1.797	1.798	1.795	1.800	1.802	1.832	1.804	1.788	1.793
152.5	1.947	1.950	1.942	1.947	1.950	1.959	1.972	1.962	1.952	1.939
155.0	2.091	2.094	2.097	2.099	2.111	2.120	2.102	2.106	2.110	2.111
157.5	2.232	2.241	2.251	2.258	2.260	2.252	2.237	2.233	2.238	2.259
160.0	2.391	2.385	2.399	2.397	2.384	2.359	2.352	2.359	2.365	2.380
162.5	2.522	2.536	2.502	2.494	2.481	2.475	2.473	2.465	2.469	2.483
165.0	2.611	2.599	2.601	2.590	2.580	2.579	2.574	2.576	2.584	2.596
167.5	2.691	2.682	2.672	2.674	2.678	2.679	2.676	2.682	2.694	2.707
170.0	2.743	2.751	2.754	2.755	2.754	2.758	2.766	2.776	2.785	2.795
172.5	2.789	2.797	2.805	2.814	2.822	2.830	2.837	2.845	2.855	2.865
175.0	2.835	2.840	2.846	2.852	2.859	2.866	2.874	2.882	2.891	2.900
177.5	2.881	2.884	2.886	2.890	2.893	2.897	2.901	2.905	2.909	2.913
180.0	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927

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	1377	1377
2.5	1366	1370
5.0	1337	1344
7.5	1295	1305
10.0	1229	1241
12.5	1140	1153
15.0	1079	1095
17.5	1030	1048
20.0	974.1	991.6
22.5	894.8	910.4
25.0	810.7	826.4
27.5	734.2	750.0
30.0	640.8	650.5
32.5	574.0	586.9
35.0	527.8	539.9
37.5	480.3	489.8
40.0	429.7	436.1
42.5	375.3	378.1
45.0	324.5	324.6
47.5	286.6	286.3
50.0	258.3	258.3
52.5	235.2	235.6
55.0	214.0	213.9
57.5	192.0	191.6
60.0	168.4	169.0
62.5	146.0	147.6
65.0	124.6	125.1
67.5	105.1	106.6
70.0	88.91	90.68
72.5	74.01	75.57
75.0	59.78	60.57
77.5	46.64	46.89
80.0	34.78	34.38
82.5	22.62	22.39
85.0	11.68	11.72
87.5	2.613	2.395
90.0	0.1914	0.1774
92.5	0.1519	0.1558
95.0	0.1561	0.1448
97.5	0.1519	0.1627
100.0	0.1465	0.1758
102.5	0.1837	0.1841
105.0	0.2389	0.2156
107.5	0.2816	0.2388
110.0	0.3175	0.2940
112.5	0.3581	0.3442
115.0	0.3920	0.3943
117.5	0.4442	0.4538
120.0	0.5079	0.5162
122.5	0.5922	0.5964
125.0	0.6608	0.6661
127.5	0.7346	0.7424
130.0	0.8389	0.8304
132.5	0.9235	0.9360
135.0	1.021	1.046
137.5	1.130	1.150
140.0	1.257	1.277
142.5	1.387	1.408
145.0	1.521	1.541
147.5	1.654	1.675
150.0	1.798	1.816
152.5	1.941	1.965
155.0	2.125	2.146
157.5	2.289	2.325
160.0	2.402	2.432
162.5	2.504	2.530
165.0	2.612	2.632
167.5	2.719	2.736
170.0	2.807	2.822
172.5	2.877	2.890
175.0	2.909	2.918
177.5	2.918	2.922
180.0	2.927	2.927

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: