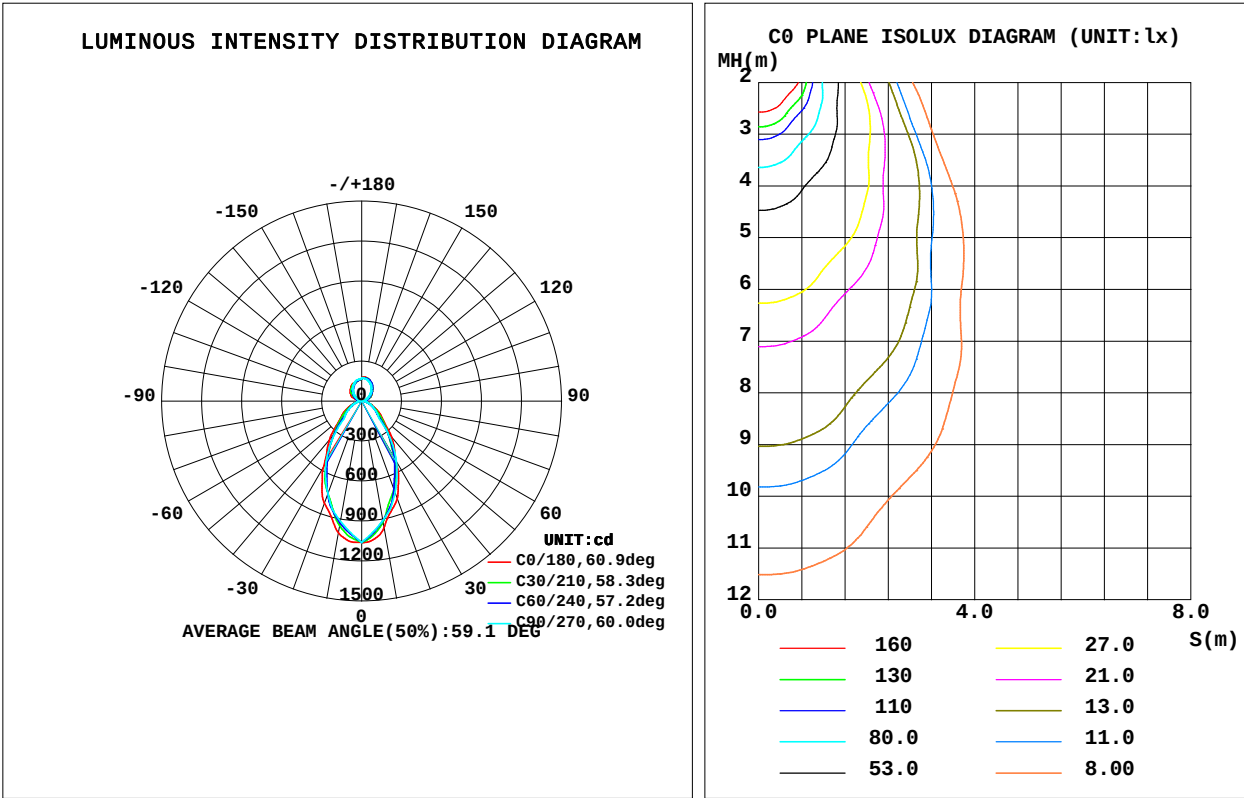


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

EB1

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.51 lm/W			
MODEL		I _{max} (cd)	1061	S/MH(C0/180)	0.93
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.85
RATED VOLTAGE(V)	100-277	TOTAL FLUX(lm)	1782.6	η UP, DN(C0-180)	13.2, 36.6
NOMINAL FLUX(lm)	1782.56	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.6, 37.6
LAMPS INSIDE	1	η up(%)	25.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120	η down(%)	74.3	CIBSE SHR MAX	0.95



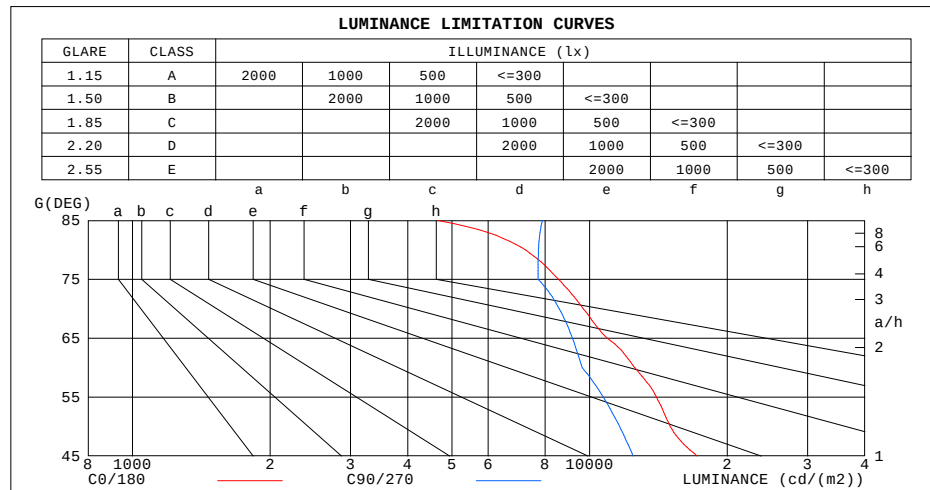
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	1042	1000	986.3	1007	1057	1010	989.1	1003	0- 5	24.58	24.58	1.38, 1.38
10	966.9	916.5	911.7	931.8	1006	937.5	917.4	920.9	5- 10	69.39	93.97	5.27, 5.27
15	855.5	800.6	837.1	838.8	893.4	844.7	845.6	809.3	10- 15	104.6	198.6	11.1, 11.1
20	780.4	695.3	732.3	723.5	817.8	732.4	743.0	705.7	15- 20	129.1	327.7	18.4, 18.4
25	654.3	598.2	627.5	623.5	705.3	630.7	640.5	608.4	20- 25	143.0	470.7	26.4, 26.4
30	514.2	484.3	522.7	517.9	580.2	524.7	538.0	495.0	25- 30	144.2	614.8	34.5, 34.5
35	428.0	380.1	410.1	401.5	455.3	408.9	421.4	384.4	30- 35	134.5	749.3	42, 42
40	347.3	293.4	297.5	310.4	375.5	319.1	304.9	297.1	35- 40	119.9	869.2	48.8, 48.8
45	255.3	227.3	184.9	239.7	283.8	245.1	188.3	230.6	40- 45	100.8	970.0	54.4, 54.4
50	202.8	174.3	157.0	178.9	213.5	185.3	159.8	176.6	45- 50	81.62	1052	59, 59
55	168.7	130.5	129.1	128.2	177.0	137.9	131.3	132.0	50- 55	69.41	1121	62.9, 62.9
60	131.9	106.1	101.1	98.23	143.2	112.6	107.3	107.3	55- 60	58.55	1180	66.2, 66.2
65	97.03	82.59	81.42	71.74	109.3	88.26	82.85	83.63	60- 65	47.54	1227	68.8, 68.8
70	69.59	61.56	61.69	50.68	78.54	66.38	62.99	62.47	65- 70	37.25	1264	70.9, 70.9
75	46.49	43.06	41.96	34.08	51.71	46.68	43.13	43.89	70- 75	27.47	1292	72.5, 72.5
80	26.40	25.82	28.20	19.09	14.78	27.86	28.85	26.52	75- 80	18.14	1310	73.5, 73.5
85	8.513	13.40	14.44	9.516	5.685	13.91	14.57	13.49	80- 85	10.22	1320	74.1, 74.1
90	0.2474	1.139	0.6816	0.4062	0.1549	0.2848	0.2851	0.6116	85- 90	3.384	1324	74.3, 74.3
95	1.145	8.414	7.025	10.82	0.7347	7.120	6.293	7.345	90- 95	1.872	1325	74.4, 74.4
100	7.473	16.06	13.37	21.66	6.884	14.44	12.30	14.43	95-100	5.539	1331	74.7, 74.7
105	17.66	30.97	19.71	38.38	31.20	28.41	18.31	29.28	100-105	10.95	1342	75.3, 75.3
110	34.66	46.39	31.28	54.53	57.42	43.17	29.28	44.90	105-110	18.02	1360	76.3, 76.3
115	63.53	58.81	42.84	66.69	81.65	56.60	40.26	57.43	110-115	25.49	1385	77.7, 77.7
120	74.59	69.86	54.40	77.14	93.77	70.63	51.23	68.50	115-120	30.93	1416	79.5, 79.5
125	84.36	81.64	68.95	87.82	103.2	85.36	65.73	80.29	120-125	34.94	1451	81.4, 81.4
130	95.46	93.78	83.49	98.09	111.7	95.98	80.23	92.45	125-130	38.11	1489	83.6, 83.6
135	107.6	107.0	98.04	108.8	120.4	106.9	94.73	105.6	130-135	40.26	1530	85.8, 85.8
140	120.1	121.2	111.7	119.8	129.2	117.4	108.1	119.8	135-140	41.32	1571	88.1, 88.1
145	132.9	134.4	125.3	128.2	137.5	124.6	121.5	131.9	140-145	41.18	1612	90.4, 90.4
150	145.7	147.0	139.0	136.5	144.5	132.4	134.8	139.0	145-150	39.59	1652	92.7, 92.7
155	158.6	159.3	148.3	145.5	148.9	140.5	143.9	146.0	150-155	36.39	1688	94.7, 94.7
160	169.2	169.4	157.6	154.8	152.3	149.2	152.9	147.1	155-160	31.92	1729	96.5, 96.5
165	176.9	173.7	166.9	160.5	156.1	154.5	162.0	164.0	160-165	26.43	1747	98, 98
170	180.5	176.1	170.2	166.2	160.2	160.0	165.0	172.3	165-170	19.74	1766	99.1, 99.1
175	179.9	176.9	173.5	171.7	166.0	165.7	168.0	171.5	170-175	12.18	1778	99.8, 99.8
180	176.8	176.8	176.8	176.8	171.0	171.0	171.0	171.0	175-180	4.123	1783	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		



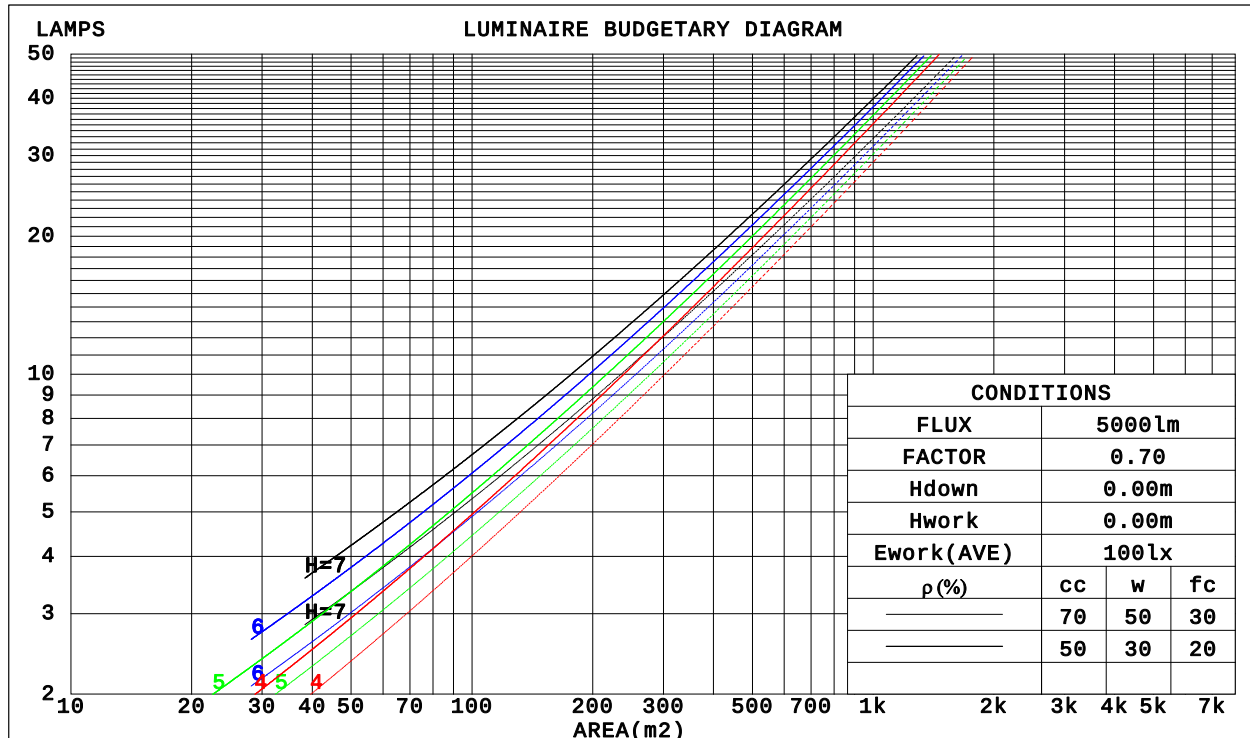
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-10

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	1.01	.97	.94	.96	.93	.90	.87	.85	.83	.79	.77	.76	.72	.70	.69	.66
2.0	.90	.85	.80	.86	.81	.77	.79	.75	.71	.72	.69	.66	.65	.63	.61	.58
3.0	.81	.74	.69	.78	.72	.67	.71	.66	.62	.65	.61	.58	.60	.57	.54	.51
4.0	.73	.66	.60	.70	.64	.59	.65	.59	.55	.59	.55	.52	.55	.51	.48	.46
5.0	.67	.59	.54	.64	.57	.52	.59	.54	.49	.55	.50	.46	.50	.47	.44	.41
6.0	.61	.53	.48	.59	.52	.47	.54	.49	.44	.50	.46	.42	.47	.43	.40	.37
7.0	.56	.48	.43	.54	.47	.42	.50	.44	.40	.47	.42	.38	.43	.39	.36	.34
8.0	.52	.44	.39	.50	.43	.38	.47	.41	.37	.43	.39	.35	.41	.36	.33	.31
9.0	.48	.41	.36	.46	.40	.35	.43	.38	.34	.41	.36	.32	.38	.34	.31	.29
10.0	.45	.38	.33	.43	.37	.32	.41	.35	.31	.38	.33	.30	.36	.32	.29	.27



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

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

WEC AND CCEC

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	.250	.142	.045	.235	.134	.043	.208	.119	.038	.182	.105	.034	.159	.092	.030	
2.0	.235	.129	.040	.222	.122	.038	.197	.110	.034	.174	.098	.031	.153	.087	.027	
3.0	.219	.117	.035	.208	.111	.033	.185	.100	.031	.165	.090	.028	.145	.081	.025	
4.0	.205	.106	.031	.194	.102	.030	.174	.092	.028	.155	.083	.025	.137	.075	.023	
5.0	.191	.097	.028	.181	.093	.027	.163	.085	.025	.146	.077	.023	.130	.069	.021	
6.0	.179	.090	.026	.170	.086	.025	.153	.079	.023	.137	.071	.021	.122	.064	.019	
7.0	.168	.083	.024	.160	.080	.023	.144	.073	.021	.130	.066	.019	.116	.060	.018	
8.0	.158	.077	.022	.151	.074	.021	.136	.068	.019	.123	.062	.018	.110	.056	.016	
9.0	.149	.072	.020	.142	.069	.019	.129	.064	.018	.116	.058	.017	.105	.053	.015	
10.0	.141	.068	.019	.135	.065	.018	.123	.060	.017	.111	.055	.016	.100	.050	.014	

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	.387	.387	.387	.330	.330	.330	.226	.226	.226	.130	.130	.130	.041	.041	.041	
1.0	.374	.354	.337	.320	.304	.290	.219	.209	.201	.126	.121	.117	.040	.039	.038	
2.0	.364	.331	.304	.312	.285	.263	.214	.197	.183	.123	.115	.107	.040	.037	.035	
3.0	.355	.314	.282	.304	.271	.244	.209	.188	.171	.121	.110	.101	.039	.036	.033	
4.0	.347	.301	.266	.298	.260	.231	.205	.181	.163	.118	.106	.096	.038	.035	.032	
5.0	.340	.291	.255	.292	.252	.222	.201	.176	.157	.116	.103	.093	.038	.034	.031	
6.0	.333	.283	.246	.286	.245	.215	.197	.171	.152	.115	.101	.090	.037	.033	.030	
7.0	.327	.276	.240	.281	.239	.209	.194	.168	.148	.113	.099	.088	.036	.032	.029	
8.0	.321	.270	.235	.276	.234	.205	.191	.165	.146	.111	.097	.087	.036	.032	.029	
9.0	.316	.266	.232	.272	.230	.202	.188	.162	.144	.110	.096	.086	.036	.031	.028	
10.0	.311	.261	.229	.268	.227	.200	.186	.160	.142	.108	.094	.085	.035	.031	.028	

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

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

UGR(Unified Glare Rating) Table

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	19.1	20.1	19.7	20.7	21.4	18.1	19.1	18.7	19.7	20.3	
	3H	20.1	21.0	20.7	21.6	22.3	19.1	20.0	19.7	20.6	21.3
	4H	20.4	21.3	21.1	21.9	22.7	19.5	20.4	20.2	21.0	21.7
	6H	20.7	21.5	21.3	22.1	22.9	19.9	20.7	20.5	21.3	22.0
	8H	20.7	21.5	21.4	22.2	22.9	20.0	20.8	20.7	21.4	22.2
	12H	20.7	21.5	21.4	22.1	22.9	20.1	20.8	20.8	21.5	22.3
4H	2H	19.3	20.1	19.9	20.8	21.5	18.4	19.3	19.1	19.9	20.6
	3H	20.4	21.2	21.1	21.8	22.6	19.6	20.4	20.3	21.0	21.8
	4H	20.9	21.6	21.6	22.3	23.1	20.1	20.8	20.9	21.5	22.3
	6H	21.2	21.8	22.0	22.5	23.4	20.6	21.2	21.3	21.9	22.8
	8H	21.3	21.9	22.1	22.6	23.5	20.8	21.3	21.5	22.1	22.9
	12H	21.4	21.8	22.1	22.6	23.5	20.9	21.4	21.7	22.2	23.1
8H	4H	21.0	21.5	21.7	22.2	23.1	20.3	20.8	21.0	21.5	22.4
	6H	21.4	21.9	22.2	22.6	23.5	20.9	21.3	21.7	22.1	23.0
	8H	21.6	22.0	22.4	22.7	23.7	21.2	21.5	22.0	22.3	23.3
	12H	21.6	22.0	22.4	22.8	23.7	21.4	21.7	22.2	22.5	23.5
12H	4H	20.9	21.4	21.7	22.2	23.1	20.2	20.7	21.0	21.5	22.4
	6H	21.4	21.8	22.2	22.6	23.5	20.9	21.3	21.7	22.1	23.0
	8H	21.6	21.9	22.4	22.7	23.7	21.2	21.5	22.0	22.3	23.3
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	+ 0.5 / - 0.7					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 1783 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

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

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

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

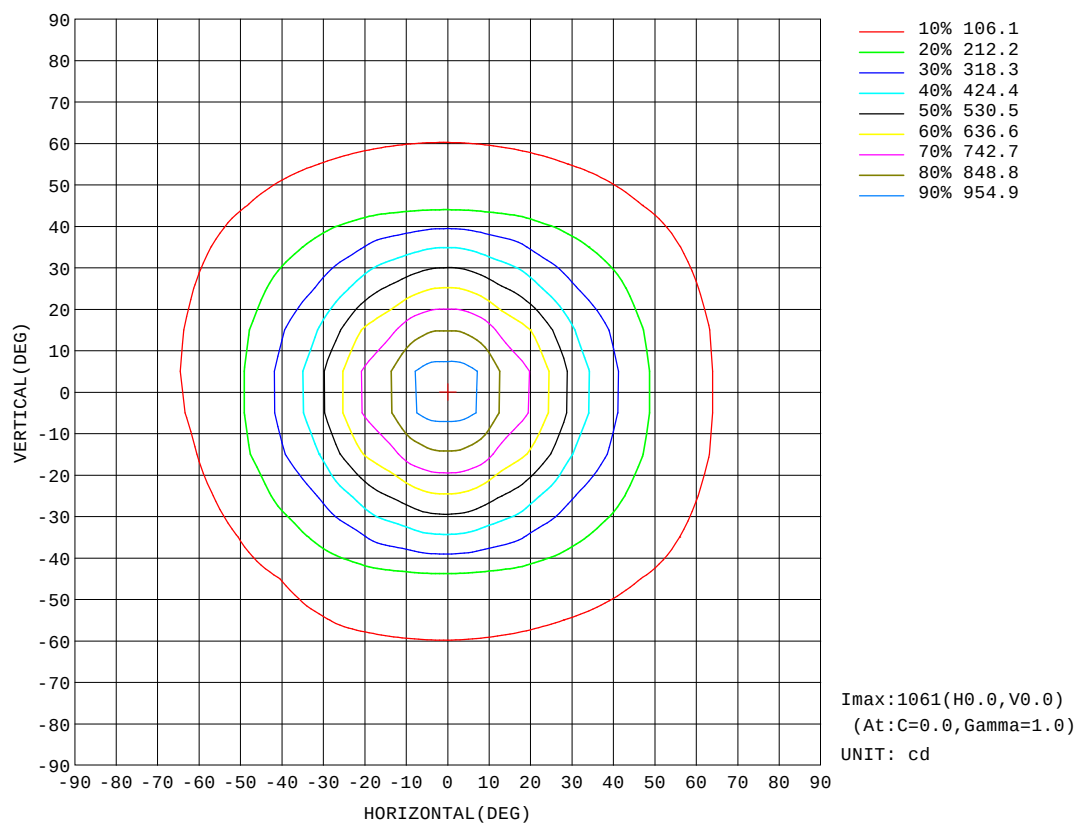
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	50	45	58	49	44	56	48	43	37
0.80	69	59	53	67	58	52	63	56	51	43
1.00	76	67	60	74	65	59	69	63	57	49
1.25	82	73	67	79	71	66	74	67	63	53
1.50	86	78	72	83	76	70	77	71	67	56
2.00	92	85	79	88	82	77	81	76	72	60
2.50	96	89	83	91	86	81	84	79	76	62
3.00	98	92	87	94	89	85	86	82	79	64
4.00	102	97	93	97	93	89	89	85	83	67
5.00	104	100	96	99	95	92	90	88	85	68
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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

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

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



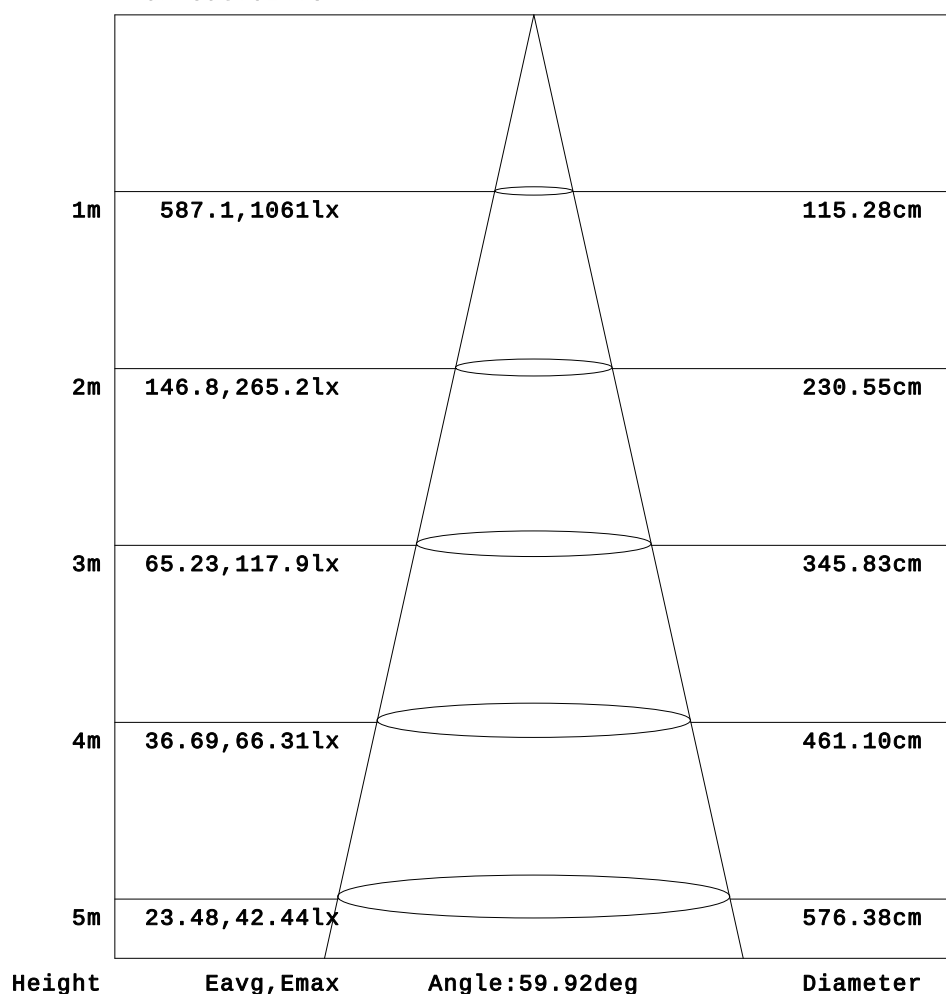
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-10

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

AAI Figure

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

Flux out:614.8 lm



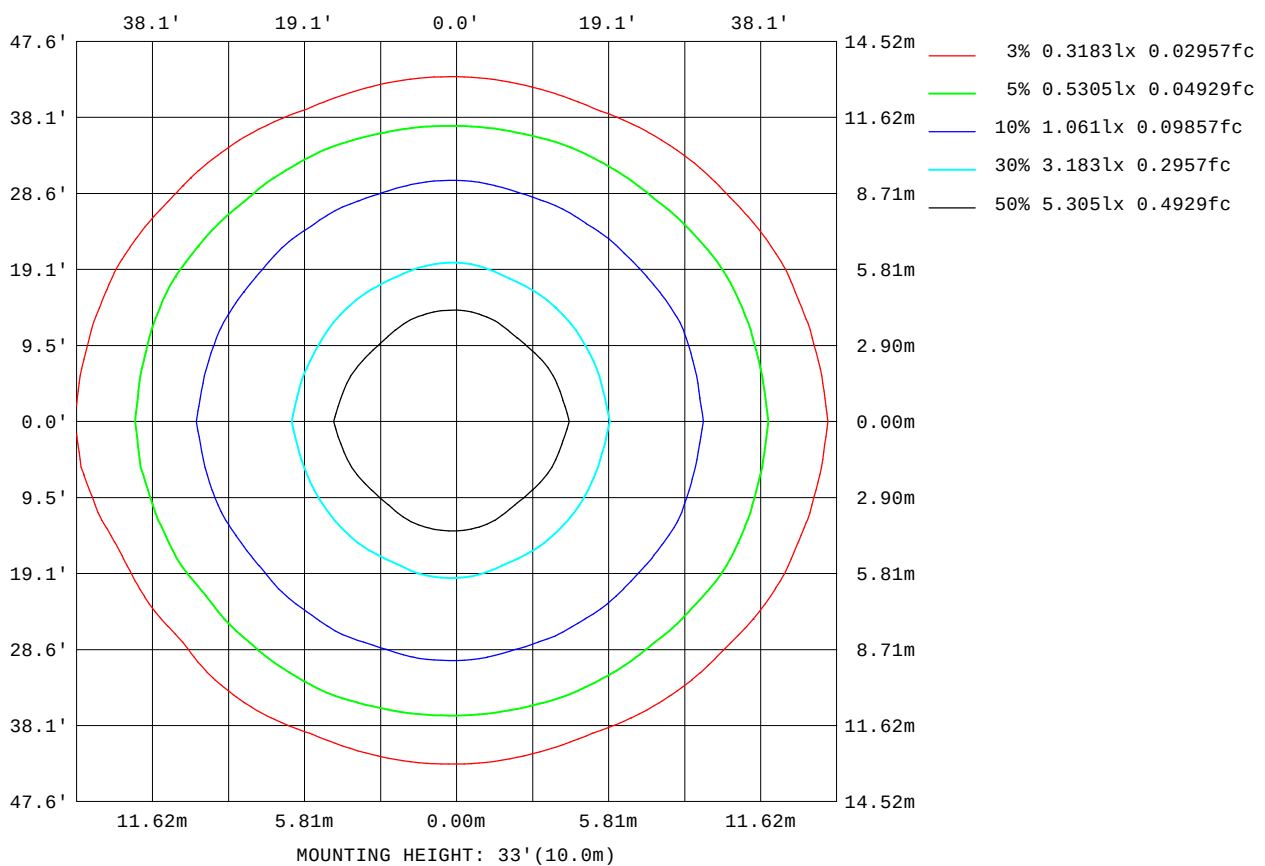
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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

ISOLUX DIAGRAM

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:



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

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

LED Avg.L Report

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 lm		
NAME: EB1	TYPE:	WEIGHT:
SPEC.:	DIM.: 640*33*55	SERIAL No.:
MFR.: Utopia Lighting	SUR.:640*33	PROTECTION ANGLE:

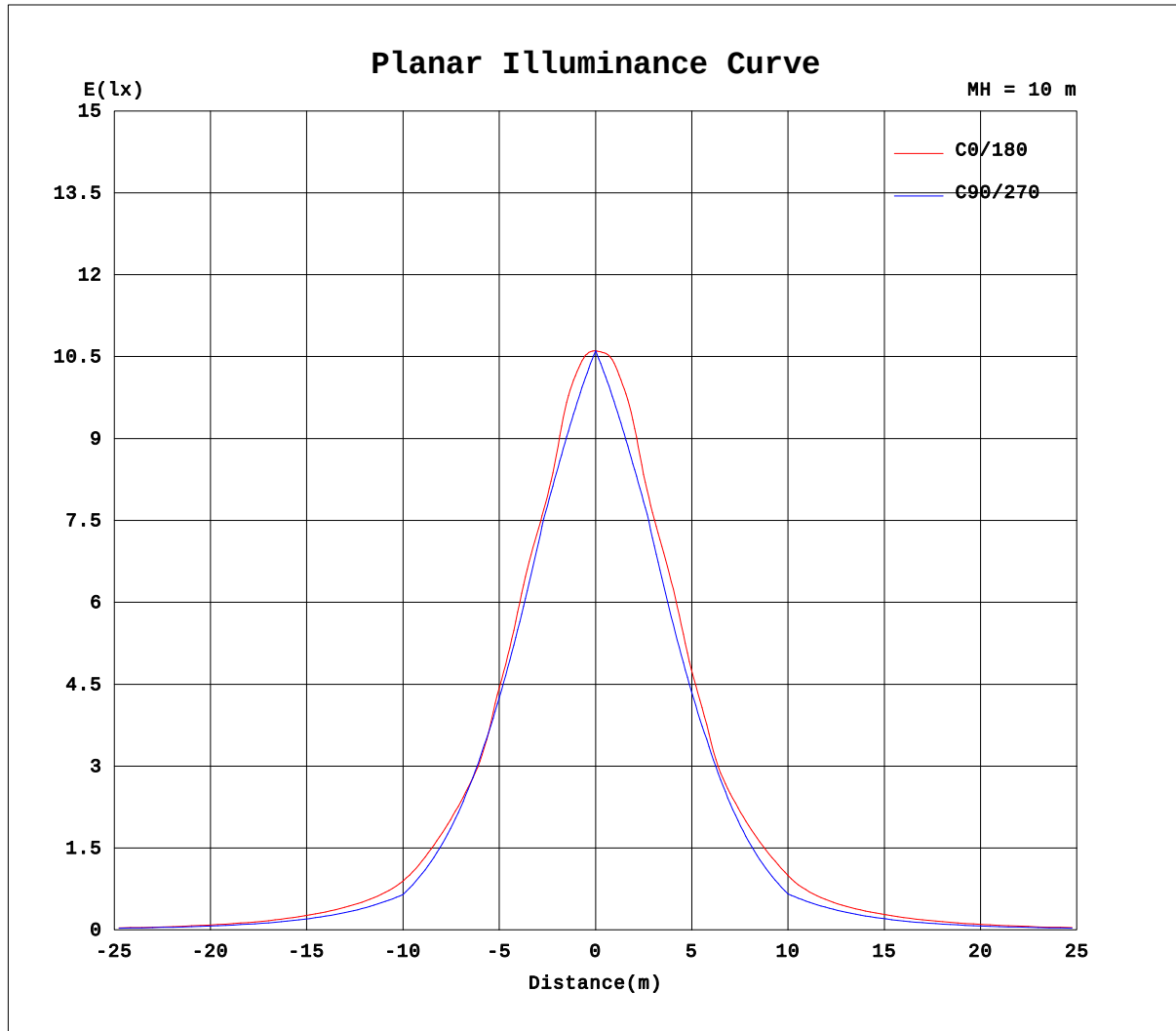
AvgL	cd/m2
L_0~180(65)av	11623
L_0~180(75)av	9034
L_0~180(85)av	3879
L_90~270(65)av	9255
L_90~270(75)av	7828
L_90~270(85)av	7924
L_45(65)av	9189
L_45(75)av	7714
L_45(85)av	6871

Standard: GB/T 29293-2012

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

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

Planar Illuminance Curve



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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
5	1042	1036	1030	1024	1019	1014	1010	1007	1003	1000	998	996	994	992	990	989	987	987	986
10	967	955	945	937	931	927	923	921	918	916	914	913	912	912	913	913	913	912	912
15	856	841	827	816	806	799	794	792	794	801	809	818	824	828	830	833	837	837	837
20	780	762	746	733	723	715	708	701	697	695	694	697	706	716	722	726	730	732	732
25	654	636	622	612	605	603	606	610	604	598	592	588	588	595	605	614	621	626	628
30	514	499	490	485	484	486	490	488	484	484	486	489	489	488	492	500	513	519	523
35	428	414	403	396	392	387	380	378	381	380	376	379	391	392	390	393	402	408	410
40	347	334	327	324	322	312	305	298	294	293	294	291	295	299	295	292	294	296	298
45	255	249	247	247	246	245	239	232	231	227	225	221	215	211	203	195	190	186	185
50	203	199	198	198	194	193	190	184	178	174	167	158	153	153	154	154	155	156	157
55	169	164	164	159	155	154	149	144	138	131	129	128	128	127	127	128	128	129	129
60	132	129	129	125	122	118	115	109	107	106	105	104	103	102	102	101	101	101	101
65	97.0	95.9	95.3	93.3	91.6	89.0	86.6	85.2	83.9	82.6	81.3	80.2	80.2	80.2	80.3	80.6	80.8	81.2	81.4
70	69.6	69.6	68.1	67.1	66.2	64.9	64.0	62.9	61.7	61.6	61.4	61.2	61.1	61.0	61.0	61.1	61.3	61.5	61.7
75	46.5	46.5	45.9	45.7	44.9	44.2	43.6	43.5	43.3	43.1	42.8	42.5	42.2	42.0	41.8	41.8	41.8	41.8	42.0
80	26.4	26.5	26.8	26.2	26.0	25.9	25.9	25.8	25.5	25.8	26.3	26.7	27.0	27.2	27.5	27.7	27.9	28.1	28.2
85	8.51	9.19	9.09	9.22	9.49	10.9	11.9	12.6	13.1	13.4	13.6	13.8	14.0	14.1	14.2	14.3	14.4	14.4	14.4
90	0.25	1.28	1.28	1.28	1.28	1.22	1.20	1.20	1.17	1.14	1.11	1.07	1.04	0.98	0.94	0.89	0.81	0.76	0.68
95	1.14	1.84	2.07	2.47	2.09	3.23	4.52	5.75	7.06	8.41	9.66	10.8	12.1	11.2	10.2	9.15	8.19	7.45	7.02
100	7.47	8.13	8.66	9.04	9.67	10.8	11.9	13.0	13.9	16.1	18.6	20.9	23.0	21.4	19.4	17.3	15.5	14.1	13.4
105	17.7	18.4	19.0	20.1	21.7	23.1	24.9	28.2	31.9	31.0	31.2	32.4	33.7	31.5	28.7	25.8	23.0	20.9	19.7
110	34.7	35.8	36.5	38.5	40.7	45.2	43.7	45.9	48.8	46.4	45.0	44.6	44.1	42.1	39.7	37.1	34.5	32.4	31.3
115	63.5	63.5	62.5	63.5	61.9	62.6	60.9	60.6	59.7	58.8	57.6	56.0	54.5	52.8	50.8	48.5	46.0	43.9	42.8
120	74.6	74.1	74.4	73.7	73.5	72.5	71.9	71.5	70.7	69.9	68.9	67.7	66.3	64.8	62.8	60.3	57.7	55.5	54.4
125	84.4	83.8	84.4	83.7	83.3	83.3	82.8	82.3	82.0	81.6	80.9	80.0	79.2	78.3	76.9	74.7	72.4	70.3	68.9
130	95.5	94.7	95.1	95.3	94.7	94.7	94.8	94.3	94.0	93.8	93.5	93.1	92.9	92.3	91.1	89.1	87.1	85.1	83.5
135	108	107	107	108	107	107	107	108	107	107	107	107	107	106	105	103	102	99.9	98.0
140	120	119	119	120	121	120	120	120	121	121	121	121	121	121	119	118	116	114	112
145	133	132	132	132	133	134	133	133	134	134	135	136	136	135	133	132	129	127	125
150	146	145	144	145	145	147	148	147	147	147	147	147	147	147	146	145	143	141	139
155	159	158	157	157	157	158	159	160	160	159	159	158	157	156	155	153	152	150	148
160	169	168	168	168	168	168	168	168	169	169	169	168	167	165	164	162	161	159	158
165	177	176	176	175	175	174	174	174	174	174	173	173	172	172	171	170	169	168	167
170	180	180	179	179	178	178	178	177	177	176	176	175	174	174	173	172	172	171	170
175	180	180	179	179	179	178	178	178	177	177	177	176	176	175	175	175	174	174	174
180	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
5	986	987	988	990	993	996	999	1003	1007	1012	1017	1021	1026	1032	1038	1044	1050	1057	1051
10	912	914	916	919	922	925	926	929	932	936	942	948	956	963	972	982	994	1006	994
15	838	840	842	841	839	839	841	841	839	836	834	834	838	844	853	864	878	893	878
20	734	736	737	736	736	736	731	726	724	724	728	735	743	754	767	782	799	818	799
25	629	630	629	625	619	613	611	616	624	634	647	648	650	653	659	670	685	705	685
30	524	524	520	509	506	508	512	517	518	519	522	529	533	531	535	544	559	580	560
35	411	412	407	402	406	412	411	402	402	408	411	409	412	417	420	427	439	455	440
40	299	302	300	303	311	316	310	307	310	314	314	320	330	342	348	352	361	376	362
45	187	193	199	208	219	226	230	236	240	240	241	247	257	266	271	270	274	284	275
50	157	158	158	158	158	158	163	173	179	181	183	190	194	198	206	209	210	214	210
55	129	130	130	131	131	132	132	131	128	130	136	139	141	146	158	172	172	177	173
60	102	102	103	104	105	106	105	102	98.2	94.5	91.9	96.4	98.9	101	111	123	130	143	139
65	81.7	81.9	82.2	82.5	82.9	83.0	78.1	74.3	71.7	69.6	67.7	66.0	67.1	69.1	71.6	78.9	89.5	109	106
70	62.0	62.3	62.6	63.0	63.4	62.4	57.8	53.9	50.7	48.2	47.2	46.4	45.2	45.2	46.0	48.3	54.3	78.5	77.3
75	42.2	42.6	43.0	43.6	44.1	42.0	39.0	36.5	34.1	32.1	31.1	30.2	28.7	28.5	27.5	27.7	27.8	51.7	50.6
80	28.4	28.5	28.5	28.6	28.5	26.1	23.7	21.8	19.1	17.3	17.4	17.2	16.4	15.9	16.0	15.3	15.0	14.8	29.1
85	14.5	14.6	14.6	14.6	14.5	13.2	11.9	10.9	9.52	8.58	8.15	7.70	7.22	7.13	7.69	8.39	8.04	5.68	11.6
90	0.71	0.75	0.68	0.69	0.55	0.44	0.38	0.38	0.41	0.41	0.41	0.41	0.45	0.51	0.44	0.37	0.30	0.15	0.16
95	7.31	8.01	8.82	9.86	11.0	12.3	12.6	12.2	10.8	9.16	6.71	5.14	3.46	1.87	2.63	2.12	1.82	0.73	0.69
100	13.9	15.2	16.9	18.9	21.4	23.9	24.8	24.4	21.7	19.0	17.2	17.3	16.1	14.8	14.1	13.7	13.4	6.88	6.84
105	20.5	22.6	25.1	28.1	31.6	35.0	36.9	37.9	38.4	40.1	39.8	38.9	36.1	35.1	33.1	32.2	31.0	31.2	17.0
110	31.9	33.6	36.0	38.7	42.0	45.4	48.4	51.2	54.5	59.4	60.4	59.4	60.9	59.7	59.0	57.9	57.4	57.4	41.5
115	43.2	44.6	46.8	49.2	52.3	55.7	59.3	63.1	66.7	70.2	73.2	75.6	78.2	78.9	80.9	80.7	81.4	81.7	69.9
120	54.7	55.8	57.9	60.3	63.3	66.8	70.3	73.8	77.1	80.5	83.7	86.0	88.3	90.7	91.6	93.0	93.0	93.8	89.1
125	68.6	69.1	70.7	72.7	75.4	78.4	81.6	84.7	87.8	90.6	93.1	95.6	98.1	99.5	101	102	102	103	102
130	82.6	82.5	83.5	85.1	87.6	90.2	92.9	95.6	98.1	101	103	106	107	108	110	110	111	112	110
135	96.7	96.0	96.3	97.5	99.4	101	104	106	109	111	114	115	116	117	119	119	119	120	119
140	110	109	109	110	111	113	115	117	120	121	122	124	125	127	127	127	128	129	128
145	124	123	122	123	123	124	126	127	128	130	131	133	134	135	135	135	136	138	136
150	137	136	135	135	135	135	135	136	136	138	139	141	142	142	142	142	143	144	143
155	147	146	145	144	144	144	144	145	145	146	148	147	147	147	148	148	149	149	148
160	156	155	155	154	154	154	154	155	155	154	154	154	154	154	154	155	155	152	151
165	166	165	164	163	162	162	161	161	161	160	160	160	160	160	161	161	162	156	155
170	170	169	168	168	167	167	167	166	166	166	166	166	166	167	167	167	168	160	160
175	173	173	173	172	172	172	172	172	172	172	172	172	172	172	172	172	172	166	166
180	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	171	171

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
5	1044	1039	1033	1028	1023	1018	1014	1010	1006	1002	999	995	993	991	990	989	989	989	990
10	983	974	965	958	951	946	941	938	935	933	931	929	925	922	919	918	917	918	919
15	866	855	847	842	839	840	842	845	847	849	849	850	851	851	849	846	846	846	846
20	783	769	757	747	740	734	731	732	736	740	745	747	747	748	747	744	743	743	741
25	671	661	656	654	654	652	640	631	624	621	623	630	635	638	642	641	640	639	634
30	547	537	531	529	529	526	526	525	523	520	517	517	522	528	535	538	538	535	525
35	429	423	421	420	416	414	412	409	411	417	420	415	413	416	420	422	421	419	411
40	353	349	346	336	327	322	321	319	315	316	321	317	310	307	307	306	305	304	300
45	273	274	270	264	257	251	247	245	242	234	230	223	212	203	196	191	188	189	193
50	211	210	207	206	202	196	192	185	177	166	161	160	160	160	160	160	160	159	158
55	174	169	166	164	159	153	146	138	136	135	134	133	133	132	132	132	131	131	130
60	138	135	132	127	123	116	114	113	111	109	108	107	106	105	104	103	103	103	103
65	105	104	100	96.6	93.4	91.7	90.0	88.3	86.4	84.8	84.3	84.0	83.7	83.5	83.3	83.1	82.9	82.6	82.2
70	76.1	74.8	73.0	71.3	70.3	68.7	67.1	66.4	65.9	65.4	64.9	64.4	64.1	63.7	63.5	63.2	63.0	62.8	62.5
75	50.7	49.8	49.4	48.6	48.7	47.3	46.8	46.7	46.8	46.2	45.6	45.0	44.5	44.1	43.7	43.4	43.1	43.0	42.9
80	28.6	28.1	27.9	27.8	27.5	26.2	26.8	27.9	29.2	29.3	29.3	29.2	29.2	29.1	29.1	29.0	28.8	28.7	28.6
85	11.6	11.0	10.6	11.3	11.7	12.0	13.2	13.9	14.7	14.8	14.8	14.8	14.7	14.7	14.8	14.7	14.6	14.6	14.5
90	0.21	0.23	0.29	0.27	0.27	0.29	0.29	0.28	0.28	0.29	0.29	0.31	0.31	0.30	0.44	0.44	0.29	0.41	0.46
95	1.06	1.32	0.88	2.19	3.48	4.56	5.78	7.12	9.34	10.5	11.2	10.2	8.95	7.82	7.01	6.24	6.29	6.73	7.47
100	6.98	7.76	8.28	9.48	11.1	11.8	12.1	14.4	18.9	20.9	22.3	19.9	17.5	15.3	13.5	12.0	12.3	13.0	14.4
105	17.6	18.5	20.8	22.0	25.2	27.5	28.8	28.4	31.0	32.5	33.2	29.6	26.1	22.9	20.2	17.9	18.3	19.4	21.5
110	38.1	37.9	38.9	40.8	41.6	44.1	44.9	43.2	44.3	45.0	43.4	39.7	36.3	33.3	30.7	28.9	29.3	30.8	33.0
115	63.4	59.1	57.3	57.3	56.8	57.0	57.3	56.6	57.5	56.9	53.6	49.7	46.5	43.7	41.2	39.9	40.3	42.2	44.4
120	86.7	79.1	73.2	72.3	71.3	70.1	70.2	70.6	70.8	67.9	64.4	60.5	57.3	54.4	52.1	51.0	51.2	53.5	56.0
125	102	95.3	90.7	89.6	88.6	86.4	84.4	85.4	83.1	78.7	75.8	72.4	69.3	66.8	65.3	64.8	65.7	63.1	70.6
130	110	108	106	106	104	100	98.0	96.0	93.4	89.7	87.2	84.6	81.3	79.3	78.6	78.8	80.2	73.7	85.3
135	118	118	117	115	113	111	108	107	104	101	97.9	95.8	93.2	92.1	91.8	92.8	94.7	87.9	99.2
140	127	127	126	124	121	120	119	117	114	111	109	107	105	105	105	106	108	107	106
145	135	134	134	132	130	128	127	125	124	122	120	119	118	118	118	119	121	123	119
150	141	140	139	139	138	136	134	132	131	130	130	130	130	131	132	133	135	137	135
155	147	145	145	144	143	143	142	140	140	139	139	139	140	140	141	143	144	147	146
160	151	150	149	149	148	148	149	149	149	149	149	149	149	150	151	152	153	156	156
165	155	154	154	154	154	154	154	155	155	156	157	157	158	160	160	161	162	164	165
170	160	159	159	159	160	160	160	160	160	161	161	162	163	163	164	164	165	166	167
175	166	165	165	165	165	165	166	166	166	166	166	166	167	167	167	168	168	168	169
180	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171

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

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1637A P:19.48W PF:0.9895 Lamp Flux:1782.56x1 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	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061				
5	991	993	994	996	999	1001	1003	1005	1008	1012	1016	1020	1025	1030	1036				
10	919	919	918	918	918	919	921	922	925	927	930	934	939	947	956				
15	843	839	836	832	827	818	809	802	799	800	804	810	819	829	841				
20	737	733	727	718	709	706	706	706	710	715	721	729	738	749	763				
25	625	617	606	598	598	602	608	616	624	618	613	612	616	624	637				
30	513	502	497	497	498	496	495	494	495	498	498	495	492	494	501				
35	403	398	399	399	388	383	384	387	387	388	393	398	401	406	415				
40	298	300	304	302	296	297	297	298	303	310	318	328	329	331	336				
45	198	206	214	218	223	228	231	234	236	243	250	251	252	248	249				
50	157	156	156	155	160	169	177	182	187	191	194	195	198	198	199				
55	130	129	129	129	130	131	132	139	145	150	155	156	159	164	165				
60	103	103	104	104	105	106	107	109	110	116	119	123	125	129	129				
65	81.9	81.6	81.5	81.4	81.4	82.4	83.6	84.9	86.1	87.4	89.7	92.4	94.0	95.8	96.2				
70	62.3	62.2	62.1	62.2	62.2	62.3	62.5	62.6	63.6	64.7	65.5	66.6	67.6	68.5	69.8				
75	42.8	42.9	43.0	43.2	43.4	43.7	43.9	44.1	44.2	44.3	44.7	45.4	46.0	46.2	46.7				
80	28.4	28.1	27.9	27.6	27.3	26.9	26.5	26.2	26.5	26.5	26.5	26.5	26.7	27.1	26.7				
85	14.4	14.3	14.2	14.1	13.9	13.7	13.5	13.2	12.8	12.1	11.2	9.91	9.59	9.43	9.45				
90	0.52	0.52	0.54	0.60	0.61	0.61	0.61	0.62	0.62	0.63	0.67	0.67	0.67	0.67	0.67				
95	8.48	9.45	10.4	11.0	9.71	8.53	7.35	5.97	4.68	3.44	2.17	1.22	1.70	1.27	1.16				
100	16.4	18.3	20.2	21.5	19.1	16.8	14.4	12.2	11.4	10.4	9.42	8.45	7.90	7.69	7.33				
105	24.5	27.4	30.1	32.2	30.3	29.4	29.3	29.9	26.2	23.2	21.5	20.3	18.9	17.9	17.6				
110	35.7	38.3	40.6	42.6	42.8	43.4	44.9	47.4	43.5	42.1	43.0	38.9	36.9	35.2	34.5				
115	46.9	49.2	51.2	52.9	54.5	56.2	57.4	58.4	59.0	59.6	61.5	60.4	62.6	61.3	61.2				
120	58.7	61.1	63.2	64.8	66.3	67.5	68.5	69.4	70.3	70.8	71.5	72.5	72.7	73.6	70.5				
125	73.0	75.2	76.7	77.7	78.7	79.6	80.3	80.8	81.2	81.7	82.3	82.3	82.7	82.9	78.8				
130	87.4	89.5	90.7	91.4	91.7	92.1	92.4	92.7	93.1	93.7	93.6	93.6	94.2	92.0	88.3				
135	101	104	105	105	105	105	106	106	106	106	105	106	107	104	101				
140	110	118	119	119	120	120	120	119	119	118	118	119	118	117	116				
145	118	130	133	134	134	132	132	132	132	132	132	132	130	129	129				
150	121	130	143	140	140	141	139	138	143	146	145	143	142	142	142				
155	142	142	145	148	143	140	146	148	147	146	147	150	153	153	153				
160	156	155	157	158	153	153	147	143	150	155	158	160	161	163	165				
165	165	166	168	168	168	167	164	162	162	163	163	163	165	167	170				
170	168	168	168	169	170	171	172	173	173	173	174	174	174	175	175				
175	169	170	170	171	171	171	171	172	172	173	173	173	174	174	175				
180	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171				

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

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

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1059	1055	1052	1049	1046	1043	1041	1038	1036	1034
5.0	1042	1036	1030	1024	1019	1014	1010	1007	1003	1000
7.5	1015	1006	997.3	989.7	983.0	976.8	971.4	966.9	962.9	959.7
10.0	966.9	955.1	945.3	937.3	931.2	927.1	923.3	920.9	918.4	916.5
12.5	900.2	887.0	875.8	866.5	860.5	856.9	855.8	857.7	860.5	864.1
15.0	855.5	840.5	827.3	815.8	806.1	799.1	794.1	792.2	794.4	800.6
17.5	821.4	804.4	789.5	776.4	764.8	755.3	748.1	742.9	740.8	741.9
20.0	780.4	761.8	746.1	733.3	723.0	714.8	707.7	701.4	697.2	695.3
22.5	717.8	699.1	684.9	675.0	669.2	664.9	661.9	659.6	657.6	648.2
25.0	654.3	635.6	621.5	611.7	605.5	603.3	605.7	610.3	604.2	598.2
27.5	595.3	575.5	561.6	551.9	547.6	547.0	548.5	545.2	544.4	542.8
30.0	514.2	499.3	490.1	484.9	484.1	485.6	490.3	487.9	484.1	484.3
32.5	465.3	450.4	439.5	432.7	430.7	431.1	428.2	431.7	431.7	428.6
35.0	428.0	413.6	403.3	396.4	392.5	386.5	379.9	377.5	381.1	380.1
37.5	389.3	375.4	366.4	361.1	359.2	348.8	340.1	334.7	333.4	334.5
40.0	347.3	334.1	327.1	324.4	321.9	312.4	304.5	298.0	293.6	293.4
42.5	299.4	288.8	283.8	283.1	283.3	277.5	269.8	264.4	259.6	258.1
45.0	255.3	248.8	246.7	247.5	245.7	244.7	238.9	231.6	230.7	227.3
47.5	224.9	220.3	219.6	220.5	217.1	215.8	212.5	205.6	203.2	199.6
50.0	202.8	198.8	198.4	197.7	193.9	192.6	190.0	183.9	178.5	174.3
52.5	185.6	181.2	180.7	177.4	173.9	172.4	168.9	163.6	157.0	150.9
55.0	168.7	164.3	164.0	159.0	155.0	153.6	149.3	144.2	137.5	130.5
57.5	150.8	147.1	147.1	141.4	138.0	134.7	131.2	126.0	119.5	118.2
60.0	131.9	129.2	129.1	124.6	121.7	118.2	114.6	109.2	107.4	106.1
62.5	115.1	112.8	111.7	108.7	106.0	103.1	99.30	96.91	95.49	94.25
65.0	97.03	95.88	95.34	93.30	91.60	89.00	86.59	85.24	83.91	82.59
67.5	82.41	81.70	80.50	79.35	78.25	76.14	75.14	73.88	72.57	71.21
70.0	69.59	69.57	68.14	67.12	66.15	64.94	64.04	62.88	61.75	61.56
72.5	57.74	57.99	56.78	55.94	55.27	54.30	53.41	52.64	52.42	52.25
75.0	46.49	46.52	45.95	45.71	44.90	44.17	43.65	43.50	43.29	43.06
77.5	36.16	36.09	35.87	35.70	35.16	34.77	34.65	34.54	34.31	34.01
80.0	26.40	26.50	26.80	26.22	26.04	25.93	25.88	25.76	25.47	25.82
82.5	17.08	17.36	17.42	17.39	17.42	17.37	17.46	18.46	19.11	19.58
85.0	8.513	9.189	9.090	9.216	9.487	10.90	11.91	12.62	13.08	13.40
87.5	1.493	2.308	2.381	4.161	5.271	5.993	6.519	6.885	7.106	7.257
90.0	0.2474	1.279	1.279	1.279	1.279	1.218	1.204	1.195	1.167	1.139
92.5	0.7991	1.482	1.425	1.447	1.642	2.168	2.820	3.438	4.082	4.753
95.0	1.145	1.845	2.073	2.473	2.086	3.225	4.519	5.753	7.059	8.414
97.5	3.601	4.348	4.691	5.147	5.494	5.857	6.378	8.208	10.16	12.17
100.0	7.473	8.125	8.659	9.039	9.666	10.76	11.88	12.98	13.91	16.06
102.5	12.02	12.64	13.25	14.13	14.93	16.02	18.10	20.29	22.70	22.98
105.0	17.66	18.43	19.00	20.06	21.68	23.09	24.87	28.16	31.87	30.97
107.5	25.10	26.08	26.55	27.89	30.00	32.91	33.88	36.91	40.48	38.79
110.0	34.66	35.77	36.51	38.52	40.72	45.24	43.71	45.88	48.83	46.39
112.5	48.62	49.25	50.59	53.55	51.96	56.76	52.79	53.91	54.45	53.51
115.0	63.53	63.47	62.52	63.53	61.94	62.55	60.86	60.64	59.75	58.81
117.5	69.38	69.09	69.16	68.75	68.26	67.55	67.04	66.00	65.14	64.27
120.0	74.59	74.14	74.44	73.66	73.48	72.50	71.89	71.53	70.71	69.86
122.5	79.40	78.91	79.54	78.53	78.32	77.66	77.15	76.81	76.41	75.64
125.0	84.36	83.79	84.40	83.69	83.32	83.35	82.75	82.34	82.03	81.64
127.5	89.75	89.06	89.57	89.37	88.83	89.04	88.66	88.16	87.87	87.57
130.0	95.46	94.72	95.11	95.31	94.67	94.72	94.81	94.32	94.03	93.78
132.5	101.3	100.5	100.8	101.6	100.8	100.6	100.9	100.8	100.5	100.2
135.0	107.6	106.7	106.8	107.9	107.2	106.7	106.9	107.5	107.2	107.0
137.5	113.8	112.9	112.9	113.9	113.8	113.2	113.2	113.6	114.3	113.9
140.0	120.1	119.2	119.1	119.9	120.5	119.8	119.6	120.0	120.6	121.2
142.5	126.5	125.5	125.3	125.9	127.3	126.6	126.3	126.4	127.0	127.9
145.0	132.9	131.9	131.6	132.1	133.3	133.6	133.1	133.1	133.6	134.4
147.5	139.4	138.4	138.0	138.3	139.3	140.8	140.1	140.1	140.4	140.7
150.0	145.7	144.7	144.3	144.5	145.4	146.7	147.5	147.1	146.9	147.0
152.5	152.2	151.2	150.8	150.9	151.7	152.7	154.0	153.8	153.4	153.3
155.0	158.6	157.6	157.1	157.0	157.3	158.0	159.1	160.4	159.9	159.3
157.5	164.1	163.2	162.6	162.4	162.6	163.1	163.9	164.8	165.7	164.9
160.0	169.2	168.3	167.8	167.5	167.5	167.7	168.0	168.5	169.0	169.4
162.5	173.4	172.7	172.1	171.7	171.5	171.5	171.6	171.7	171.7	171.8
165.0	176.9	176.2	175.6	175.1	174.8	174.5	174.3	174.1	173.9	173.7
167.5	179.2	178.5	178.0	177.5	177.0	176.6	176.3	175.9	175.6	175.2
170.0	180.5	180.0	179.4	179.0	178.5	178.1	177.6	177.1	176.6	176.1
172.5	180.6	180.2	179.8	179.4	178.9	178.5	178.0	177.6	177.1	176.6
175.0	179.9	179.6	179.3	179.0	178.7	178.3	178.0	177.6	177.3	176.9
177.5	178.6	178.4	178.3	178.1	177.9	177.7	177.6	177.4	177.1	176.9
180.0	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8

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

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

Photometric Data Table [cd]

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1032	1030	1028	1027	1026	1025	1024	1024	1024	1024
5.0	998.1	995.9	993.6	991.8	990.0	988.5	987.5	986.6	986.3	986.4
7.5	957.3	955.5	954.3	953.8	952.6	951.6	950.3	949.4	949.0	949.2
10.0	914.3	912.9	912.1	912.2	912.9	913.3	913.0	912.2	911.7	912.1
12.5	867.4	868.7	869.3	869.9	871.4	874.0	875.2	874.9	874.4	874.9
15.0	809.4	818.1	824.3	827.6	829.8	833.0	836.6	837.3	837.1	837.8
17.5	748.3	760.5	772.4	777.7	779.4	780.8	784.2	784.9	784.7	785.9
20.0	694.5	696.7	706.1	716.4	722.4	725.8	729.6	731.9	732.3	733.6
22.5	641.8	639.5	643.4	654.3	663.9	670.3	675.4	678.9	679.9	681.3
25.0	592.1	588.0	587.7	594.6	605.0	614.1	621.3	625.6	627.5	628.9
27.5	541.5	538.9	537.0	539.1	546.9	557.0	567.2	572.3	575.1	576.4
30.0	486.1	488.8	488.6	488.0	491.8	500.1	513.3	519.0	522.7	523.7
32.5	429.2	435.7	440.2	439.9	439.8	445.3	457.3	463.3	466.4	467.6
35.0	376.2	379.3	390.7	392.0	390.2	392.6	402.0	407.5	410.1	411.4
37.5	331.0	332.1	342.1	345.0	341.8	341.4	347.6	352.0	353.8	355.2
40.0	293.7	291.4	295.4	298.6	294.5	291.7	293.9	296.5	297.5	299.2
42.5	258.2	254.9	252.9	253.6	248.2	243.0	241.2	241.2	241.2	243.2
45.0	224.9	220.6	214.5	210.5	202.7	195.0	189.5	186.0	184.9	187.2
47.5	194.4	188.2	179.3	169.8	167.0	168.0	169.2	170.3	171.0	171.4
50.0	167.0	157.8	153.2	153.3	153.7	154.5	155.4	156.4	157.0	157.4
52.5	141.9	140.7	140.3	140.3	140.5	141.0	141.7	142.5	143.0	143.5
55.0	129.2	128.2	127.6	127.5	127.4	127.7	128.1	128.7	129.1	129.5
57.5	117.0	115.9	115.1	114.7	114.5	114.4	114.5	114.8	115.1	115.5
60.0	104.9	103.8	102.8	102.1	101.6	101.2	101.0	101.0	101.1	101.5
62.5	92.99	91.79	90.68	89.82	90.04	90.31	90.63	90.99	91.28	91.52
65.0	81.28	80.23	80.16	80.17	80.33	80.56	80.84	81.15	81.42	81.66
67.5	70.82	70.67	70.58	70.57	70.65	70.83	71.05	71.32	71.55	71.81
70.0	61.37	61.20	61.07	61.00	61.02	61.12	61.28	61.49	61.69	61.95
72.5	52.02	51.81	51.62	51.48	51.41	51.43	51.52	51.66	51.82	52.10
75.0	42.78	42.50	42.23	42.00	41.84	41.76	41.76	41.83	41.96	42.25
77.5	33.64	33.26	33.51	33.85	34.16	34.46	34.71	34.93	35.08	35.27
80.0	26.28	26.65	26.98	27.25	27.50	27.73	27.93	28.09	28.20	28.36
82.5	19.93	20.22	20.47	20.66	20.85	21.01	21.14	21.26	21.32	21.45
85.0	13.63	13.82	13.98	14.09	14.21	14.30	14.37	14.42	14.44	14.53
87.5	7.366	7.440	7.504	7.531	7.574	7.594	7.588	7.590	7.561	7.619
90.0	1.111	1.069	1.036	0.9757	0.9429	0.8868	0.8122	0.7563	0.6816	0.7050
92.5	5.366	5.933	6.557	6.117	5.581	5.022	4.503	4.106	3.853	4.008
95.0	9.664	10.83	12.07	11.25	10.21	9.148	8.189	7.454	7.025	7.309
97.5	14.05	15.80	17.57	16.35	14.81	13.26	11.87	10.80	10.20	10.61
100.0	18.56	20.86	23.04	21.41	19.38	17.35	15.53	14.14	13.37	13.90
102.5	24.11	26.12	28.47	26.42	23.90	21.41	19.18	17.47	16.54	17.19
105.0	31.19	32.37	33.71	31.55	28.73	25.76	22.99	20.85	19.71	20.52
107.5	38.15	38.52	38.88	36.82	34.23	31.44	28.75	26.62	25.49	26.19
110.0	44.98	44.56	44.08	42.11	39.73	37.13	34.50	32.38	31.28	31.87
112.5	51.58	50.40	49.27	47.44	45.25	42.80	40.24	38.14	37.06	37.54
115.0	57.60	56.01	54.48	52.80	50.79	48.47	45.98	43.91	42.84	43.23
117.5	63.20	61.78	60.05	58.21	56.35	54.15	51.71	49.67	48.62	48.91
120.0	68.94	67.72	66.29	64.78	62.78	60.34	57.67	55.49	54.40	54.66
122.5	74.85	73.79	72.67	71.49	69.80	67.51	65.02	62.90	61.68	61.60
125.0	80.92	80.04	79.22	78.28	76.86	74.69	72.38	70.32	68.95	68.57
127.5	87.20	86.47	85.96	85.20	83.98	81.88	79.74	77.72	76.22	75.57
130.0	93.47	93.10	92.86	92.26	91.15	89.08	87.11	85.12	83.49	82.58
132.5	99.95	99.82	99.76	99.40	98.34	96.31	94.48	92.51	90.76	89.62
135.0	106.7	106.8	106.7	106.4	105.4	103.5	101.8	99.87	98.04	96.67
137.5	113.8	114.0	113.8	113.4	112.3	110.6	108.7	106.8	104.9	103.4
140.0	121.2	121.2	121.0	120.5	119.3	117.6	115.6	113.6	111.7	110.2
142.5	128.8	128.6	128.3	127.6	126.3	124.6	122.5	120.5	118.5	117.0
145.0	135.1	135.9	135.6	134.7	133.4	131.6	129.3	127.4	125.3	123.8
147.5	141.2	141.7	142.0	141.8	140.4	138.6	136.2	134.2	132.1	130.6
150.0	147.2	147.4	147.2	146.8	145.0	144.6	142.6	140.9	139.0	137.3
152.5	153.1	152.8	152.3	151.6	150.6	149.0	147.1	145.4	143.6	142.1
155.0	158.7	158.1	157.3	156.4	155.1	153.3	151.6	150.0	148.3	146.8
157.5	164.0	163.1	162.1	160.9	159.4	157.7	156.1	154.5	152.9	151.6
160.0	168.9	167.8	166.6	165.2	163.6	162.0	160.5	159.0	157.6	156.4
162.5	171.7	171.6	170.8	169.4	167.8	166.3	164.9	163.5	162.3	161.2
165.0	173.4	173.0	172.4	171.7	170.9	170.0	169.0	168.0	166.9	165.9
167.5	174.7	174.1	173.4	172.7	172.0	171.2	170.3	169.4	168.6	167.7
170.0	175.5	174.9	174.3	173.7	173.0	172.3	171.6	170.9	170.2	169.5
172.5	176.1	175.6	175.1	174.6	174.0	173.5	172.9	172.4	171.9	171.4
175.0	176.5	176.2	175.8	175.4	175.0	174.6	174.2	173.8	173.5	173.2
177.5	176.7	176.5	176.3	176.1	175.9	175.7	175.5	175.3	175.2	175.0
180.0	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8

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

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

Photometric Data Table [cd]

G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1024	1025	1025	1027	1028	1030	1032	1034	1036	1039
5.0	987.1	988.4	990.4	992.8	995.9	999.4	1003	1007	1012	1017
7.5	950.4	952.4	955.3	958.7	962.5	966.1	970.0	973.7	977.8	982.5
10.0	913.6	916.2	919.3	922.3	924.8	926.4	928.7	931.8	936.3	941.7
12.5	876.8	879.4	881.5	882.0	882.1	883.1	886.0	889.5	892.5	895.7
15.0	839.7	841.7	841.1	839.2	839.2	840.6	840.7	838.8	836.1	834.3
17.5	788.9	790.9	790.6	791.6	795.2	793.7	786.4	779.0	774.7	774.8
20.0	736.1	736.9	735.7	736.4	735.8	730.9	725.9	723.5	724.4	728.4
22.5	683.3	682.6	680.8	678.5	673.3	667.4	667.1	673.2	682.2	687.6
25.0	630.2	628.6	624.6	618.9	612.9	611.0	615.9	623.5	634.5	646.6
27.5	576.8	574.7	567.1	560.7	557.9	560.8	566.6	574.0	580.5	586.6
30.0	523.7	519.7	509.3	505.9	507.7	512.4	516.5	517.9	519.2	521.6
32.5	468.1	463.2	454.2	455.2	460.2	463.5	461.2	458.0	459.2	465.4
35.0	412.4	407.2	402.4	406.1	412.3	411.3	402.2	401.5	407.6	410.8
37.5	356.9	352.9	352.3	358.3	363.8	358.1	348.0	353.0	358.9	358.3
40.0	301.6	300.3	303.5	311.1	316.0	309.6	307.4	310.4	313.7	314.1
42.5	246.9	249.1	255.5	264.6	269.5	267.2	270.6	274.0	273.6	276.5
45.0	192.6	199.3	208.4	219.1	226.0	229.8	235.9	239.7	239.8	240.7
47.5	171.6	171.4	171.2	175.0	186.5	195.5	203.2	207.4	209.7	209.6
50.0	157.6	157.6	157.6	157.8	158.3	163.0	172.7	178.9	181.1	182.5
52.5	143.7	143.9	144.0	144.5	145.0	144.8	144.6	152.5	154.5	159.0
55.0	129.8	130.2	130.6	131.3	132.0	131.6	130.6	128.2	130.4	135.7
57.5	116.0	116.6	117.3	118.2	119.1	118.4	116.5	112.8	108.4	112.8
60.0	102.2	103.1	104.1	105.3	106.4	104.9	102.2	98.23	94.49	91.90
62.5	91.77	92.01	92.31	92.67	93.94	91.38	88.03	84.57	81.61	79.17
65.0	81.93	82.18	82.51	82.89	83.03	78.13	74.28	71.74	69.62	67.73
67.5	72.09	72.38	72.73	73.15	72.68	67.77	63.03	59.69	58.42	57.11
70.0	62.25	62.58	62.98	63.43	62.38	57.82	53.85	50.68	48.16	47.22
72.5	52.43	52.80	53.26	53.76	52.08	48.23	45.06	42.26	39.95	38.46
75.0	42.60	43.03	43.55	44.09	41.96	38.95	36.55	34.08	32.07	31.11
77.5	35.42	35.51	35.62	35.60	32.73	29.93	28.28	26.10	24.53	24.09
80.0	28.48	28.54	28.62	28.54	26.10	23.74	21.77	19.09	17.25	17.40
82.5	21.55	21.57	21.63	21.51	19.59	17.80	16.28	14.22	12.74	12.11
85.0	14.61	14.61	14.65	14.51	13.16	11.94	10.91	9.516	8.583	8.152
87.5	7.680	7.642	7.667	7.525	6.782	6.148	5.628	4.931	4.480	4.261
90.0	0.7469	0.6769	0.6863	0.5508	0.4388	0.3828	0.3828	0.4062	0.4062	0.4062
92.5	4.381	4.751	5.281	5.793	6.355	6.471	6.298	5.586	4.746	3.524
95.0	8.012	8.817	9.863	11.02	12.25	12.56	12.25	10.82	9.157	6.715
97.5	11.63	12.87	14.42	16.21	18.11	18.66	18.27	16.16	13.71	10.05
100.0	15.24	16.90	18.94	21.35	23.90	24.78	24.40	21.66	18.99	17.21
102.5	18.84	20.89	23.41	26.42	29.61	30.90	30.96	29.67	29.65	28.24
105.0	22.58	25.14	28.13	31.56	34.97	36.88	37.94	38.38	40.14	39.81
107.5	26.09	30.55	33.41	36.77	40.20	42.72	44.70	46.70	50.11	51.49
110.0	33.59	35.95	38.68	41.96	45.40	48.41	51.22	54.53	59.44	60.40
112.5	39.09	41.36	43.95	47.13	50.58	53.93	57.47	61.58	65.12	67.22
115.0	44.60	46.77	49.22	52.29	55.73	59.26	63.14	66.69	70.22	73.19
117.5	50.11	52.20	54.50	57.42	61.08	64.72	68.42	71.89	75.31	78.51
120.0	55.81	57.94	60.33	63.34	66.81	70.28	73.76	77.14	80.46	83.75
122.5	62.43	64.28	66.51	69.34	72.57	75.89	79.19	82.43	85.71	88.36
125.0	69.09	70.65	72.70	75.39	78.39	81.55	84.73	87.82	90.57	93.06
127.5	75.77	77.04	78.89	81.49	84.27	87.24	90.35	92.94	95.47	97.94
130.0	82.48	83.45	85.09	87.62	90.23	92.88	95.60	98.09	100.5	103.1
132.5	89.24	89.89	91.35	93.70	95.91	98.30	100.9	103.4	105.8	108.3
135.0	96.01	96.31	97.50	99.35	101.4	103.7	106.3	108.8	111.2	113.6
137.5	102.7	102.7	103.7	105.1	107.1	109.2	111.7	114.3	116.7	118.0
140.0	109.3	109.2	110.0	111.0	112.8	114.7	117.2	119.8	121.3	122.4
142.5	116.0	115.8	116.4	117.1	118.5	120.4	122.6	124.2	125.5	126.8
145.0	122.8	122.5	122.8	123.4	124.4	126.0	126.9	128.2	129.5	131.0
147.5	129.5	129.1	129.3	129.9	129.8	130.3	131.1	132.2	133.5	135.0
150.0	136.0	135.2	134.7	134.6	134.5	134.8	135.5	136.5	137.7	139.1
152.5	140.8	140.0	139.6	139.4	139.4	139.5	140.0	140.9	142.0	143.3
155.0	145.7	144.8	144.4	144.2	144.3	144.5	144.8	145.5	146.5	147.7
157.5	150.5	149.7	149.2	149.1	149.1	149.4	149.8	150.3	151.0	150.6
160.0	155.4	154.6	154.1	154.0	154.0	154.3	154.7	154.8	154.1	153.7
162.5	160.3	159.6	159.1	158.9	159.0	158.7	158.1	157.7	157.3	157.0
165.0	165.0	164.1	163.2	162.4	161.8	161.4	160.9	160.5	160.3	160.1
167.5	167.0	166.2	165.5	164.9	164.3	163.9	163.7	163.4	163.3	163.2
170.0	168.9	168.4	167.9	167.4	166.9	166.6	166.3	166.2	166.1	166.1
172.5	170.9	170.5	170.2	169.8	169.5	169.3	169.0	168.9	168.8	168.8
175.0	172.9	172.6	172.4	172.2	172.0	171.9	171.8	171.7	171.7	171.7
177.5	174.8	174.7	174.6	174.5	174.4	174.4	174.3	174.3	174.3	174.3
180.0	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8	176.8

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

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

Photometric Data Table [cd]

G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1042	1045	1048	1051	1054	1057	1061	1058	1054	1051
5.0	1021	1026	1032	1038	1044	1050	1057	1051	1044	1039
7.5	987.5	993.5	1000	1008	1016	1025	1034	1025	1017	1009
10.0	948.2	955.6	963.2	972.1	982.3	993.7	1006	994.1	983.3	973.6
12.5	898.8	902.9	908.5	916.3	925.8	937.7	952.1	938.4	927.2	918.3
15.0	834.4	837.9	843.7	853.0	864.2	877.7	893.4	878.4	865.7	855.2
17.5	778.7	785.7	794.9	806.1	819.6	835.2	852.8	836.0	821.2	808.4
20.0	734.6	743.3	754.2	766.9	781.6	798.5	817.8	799.2	783.0	768.9
22.5	694.6	702.4	711.3	721.8	735.3	751.8	772.4	752.6	737.1	724.4
25.0	648.2	649.8	653.0	659.3	669.8	684.9	705.3	685.3	670.7	661.0
27.5	589.9	587.6	590.0	596.0	606.2	621.6	642.3	621.1	604.8	594.6
30.0	528.9	532.8	531.2	534.7	543.8	558.7	580.2	560.4	546.6	537.2
32.5	469.6	468.6	466.8	468.8	473.7	484.4	500.6	485.4	476.1	473.5
35.0	408.5	412.2	416.6	419.9	427.5	439.3	455.3	440.3	429.4	422.8
37.5	360.1	368.1	379.8	383.7	390.3	400.8	416.1	401.6	392.1	386.7
40.0	320.1	329.6	342.1	347.6	352.3	361.3	375.5	361.8	353.4	349.5
42.5	282.9	291.9	303.7	310.6	312.3	319.2	332.4	320.0	313.7	312.2
45.0	246.9	257.3	265.9	270.9	276.3	274.1	283.8	275.2	272.6	274.1
47.5	215.9	225.5	228.9	234.6	234.6	235.7	241.5	236.3	236.0	238.4
50.0	190.3	194.4	197.5	206.0	209.5	209.6	213.5	210.1	210.6	210.4
52.5	164.3	166.5	170.7	181.2	189.9	189.7	193.4	190.1	190.7	188.5
55.0	139.2	140.8	146.0	158.2	172.3	172.0	177.0	173.3	173.8	169.1
57.5	116.5	118.4	122.5	135.3	150.1	151.3	160.5	156.7	157.2	151.4
60.0	96.41	98.89	100.8	111.3	122.7	130.0	143.2	139.3	138.3	134.5
62.5	78.91	81.90	83.92	89.74	99.05	109.0	125.7	122.4	121.2	118.3
65.0	66.05	67.10	69.07	71.65	78.86	89.47	109.3	106.5	104.9	103.6
67.5	55.79	54.54	56.23	57.34	61.80	70.36	92.28	90.40	89.40	88.44
70.0	46.43	45.23	45.16	46.03	48.32	54.32	78.54	77.33	76.15	74.77
72.5	37.81	36.63	36.17	36.28	37.38	39.74	65.67	64.69	64.21	62.25
75.0	30.16	28.69	28.46	27.51	27.66	27.83	51.71	50.64	50.74	49.78
77.5	23.42	21.90	21.53	20.89	20.52	20.05	34.88	38.66	38.53	38.11
80.0	17.18	16.37	15.93	15.97	15.33	15.00	14.78	29.09	28.63	28.10
82.5	11.46	11.29	11.29	11.94	12.08	10.79	10.01	20.00	19.66	19.23
85.0	7.702	7.215	7.132	7.694	8.395	8.038	5.685	11.61	11.55	10.98
87.5	4.031	3.801	3.818	3.873	3.650	3.737	1.966	4.483	4.201	4.862
90.0	0.4061	0.4529	0.5135	0.4388	0.3734	0.2988	0.1549	0.1634	0.2145	0.2334
92.5	2.710	1.895	1.126	0.7388	0.7024	0.7924	0.3873	0.2239	0.2367	0.2856
95.0	5.142	3.461	2.631	2.631	2.115	1.824	0.7347	0.6914	1.056	1.319
97.5	7.821	7.725	7.684	7.386	6.884	6.784	3.496	3.436	3.543	4.108
100.0	17.31	16.05	14.79	14.06	13.68	13.40	6.884	6.836	6.980	7.761
102.5	27.78	25.17	23.93	22.77	21.65	21.05	17.70	10.77	11.32	12.32
105.0	38.85	36.12	35.09	33.09	32.21	30.96	31.20	16.97	17.60	18.46
107.5	49.66	48.49	47.27	45.76	45.38	44.57	44.42	28.09	27.53	27.30
110.0	59.40	60.91	59.74	59.00	57.87	57.36	57.42	41.54	38.07	37.86
112.5	68.12	72.00	70.33	72.03	70.72	70.81	71.14	56.65	50.89	49.01
115.0	75.64	78.20	78.92	80.92	80.68	81.39	81.65	69.90	63.36	59.12
117.5	81.43	83.36	85.33	86.61	87.43	87.71	88.21	80.04	74.91	68.93
120.0	85.99	88.35	90.70	91.65	93.01	92.98	93.77	89.09	86.74	79.09
122.5	90.72	93.24	95.25	96.30	98.00	97.66	98.59	97.03	96.91	87.62
125.0	95.55	98.09	99.54	100.9	102.4	102.2	103.2	101.9	101.7	95.27
127.5	100.5	102.7	103.8	105.4	106.4	106.4	107.4	106.2	105.8	102.1
130.0	105.5	106.9	108.2	109.9	110.4	110.6	111.7	110.4	110.0	108.3
132.5	110.2	111.3	112.7	114.6	114.6	114.9	116.1	114.7	114.2	113.8
135.0	114.6	115.9	117.5	119.1	118.8	119.1	120.4	119.0	118.4	118.5
137.5	119.1	120.4	122.2	123.2	123.1	123.6	124.8	123.5	122.8	122.7
140.0	123.6	125.1	126.9	127.1	127.2	127.8	129.2	127.8	127.0	126.8
142.5	128.2	129.8	131.4	131.2	131.3	131.9	133.4	132.0	131.1	130.8
145.0	132.6	134.4	135.2	135.1	135.3	136.0	137.5	136.1	135.1	134.4
147.5	136.7	138.7	138.6	138.7	139.1	139.9	141.3	139.7	138.4	137.2
150.0	140.8	141.6	141.6	141.8	142.3	143.1	144.5	142.7	141.2	139.9
152.5	144.5	144.4	144.5	144.8	145.3	146.1	147.1	145.5	144.2	143.3
155.0	147.4	147.3	147.4	147.7	148.2	148.9	148.9	147.7	146.5	145.5
157.5	150.4	150.4	150.5	150.8	151.3	152.0	150.0	148.9	147.9	147.1
160.0	153.5	153.5	153.7	154.0	154.5	155.2	152.3	151.3	150.5	149.9
162.5	156.8	156.8	156.9	157.2	157.7	158.4	154.8	153.9	153.0	152.3
165.0	160.1	160.1	160.3	160.6	161.0	161.6	156.1	155.3	154.7	154.2
167.5	163.1	163.2	163.4	163.7	164.1	164.7	157.7	157.2	156.8	156.5
170.0	166.2	166.3	166.5	166.8	167.2	167.6	160.2	159.9	159.6	159.5
172.5	168.9	169.0	169.2	169.5	169.8	170.1	163.3	163.0	162.8	162.6
175.0	171.7	171.8	171.9	172.0	172.2	172.5	166.0	165.8	165.6	165.5
177.5	174.3	174.4	174.5	174.6	174.7	174.8	168.6	168.5	168.4	168.4
180.0	176.8	176.8	176.8	176.8	176.8	176.8	171.0	171.0	171.0	171.0

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

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

Photometric Data Table [cd]

G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1048	1045	1043	1040	1037	1035	1033	1031	1029	1028
5.0	1033	1028	1023	1018	1014	1010	1006	1002	998.5	995.5
7.5	1002	996.0	990.6	985.9	981.5	977.7	974.1	970.4	966.8	963.1
10.0	965.2	958.2	951.5	945.8	941.1	937.5	934.8	932.8	931.0	928.6
12.5	911.2	906.0	902.4	899.7	897.3	895.2	892.9	891.3	890.8	890.5
15.0	846.9	841.9	839.3	839.8	841.8	844.7	847.4	848.8	849.2	850.1
17.5	797.9	789.6	783.5	780.9	782.0	786.9	794.2	801.7	805.1	803.1
20.0	757.1	747.3	739.6	734.3	731.5	732.4	735.5	740.0	744.9	746.6
22.5	714.7	706.3	699.2	693.5	689.4	681.0	676.2	677.4	683.2	688.6
25.0	656.0	654.4	653.9	652.5	640.4	630.7	623.8	620.6	623.5	629.7
27.5	589.7	589.8	594.4	593.3	586.9	579.8	573.8	569.2	568.3	572.1
30.0	530.6	529.1	529.2	526.3	526.4	524.7	522.6	520.0	517.1	517.5
32.5	474.3	474.4	469.6	467.0	465.0	466.0	467.7	470.2	468.7	466.4
35.0	420.9	419.7	416.4	414.5	412.1	408.9	410.6	417.2	419.6	415.2
37.5	384.0	373.2	367.1	365.6	365.2	360.5	356.9	364.6	369.7	365.3
40.0	346.1	335.6	326.5	321.9	320.6	319.1	314.6	316.4	320.6	316.7
42.5	307.3	298.7	291.2	284.2	281.2	281.5	277.0	273.2	273.6	269.0
45.0	270.5	264.5	257.3	250.9	247.3	245.1	241.9	234.4	229.8	222.5
47.5	236.2	233.6	227.1	221.8	218.4	213.8	208.6	199.2	189.5	177.6
50.0	207.5	206.2	201.8	196.3	191.9	185.3	177.3	166.1	160.5	160.1
52.5	185.1	183.4	179.5	173.8	167.7	160.1	149.2	147.7	147.1	146.5
55.0	165.8	163.6	158.7	153.2	146.1	137.9	136.0	134.7	133.8	133.1
57.5	148.3	144.6	139.9	134.1	126.9	125.1	123.3	121.8	120.8	119.8
60.0	131.7	127.3	122.5	116.4	114.3	112.6	110.8	109.2	107.9	106.9
62.5	115.3	111.3	106.7	103.8	102.0	100.3	98.52	96.78	95.21	93.85
65.0	100.1	96.62	93.42	91.72	90.02	88.26	86.38	84.81	84.35	84.00
67.5	86.03	83.15	81.63	80.04	78.34	76.46	75.60	75.06	74.58	74.21
70.0	73.01	71.29	70.31	68.73	67.10	66.38	65.93	65.37	64.87	64.45
72.5	61.07	59.80	59.40	57.86	56.92	56.52	56.35	55.76	55.21	54.73
75.0	49.42	48.60	48.66	47.30	46.79	46.68	46.82	46.22	45.60	45.04
77.5	38.13	37.74	37.90	36.67	36.77	36.87	37.33	36.73	36.55	36.49
80.0	27.85	27.77	27.46	26.15	26.84	27.86	29.21	29.33	29.28	29.24
82.5	18.79	18.37	17.59	17.90	19.84	20.82	21.90	22.04	22.02	22.00
85.0	10.62	11.28	11.73	11.98	13.25	13.91	14.66	14.78	14.77	14.76
87.5	5.385	5.734	5.968	6.117	6.746	7.074	7.456	7.533	7.529	7.534
90.0	0.2894	0.2710	0.2661	0.2941	0.2894	0.2848	0.2755	0.2894	0.2941	0.3082
92.5	0.5377	1.176	1.840	2.392	3.012	3.671	4.775	5.370	5.747	5.257
95.0	0.8832	2.192	3.483	4.557	5.780	7.120	9.342	10.48	11.22	10.19
97.5	4.250	4.725	5.261	6.850	8.637	10.69	14.04	15.64	16.71	15.08
100.0	8.281	9.481	11.12	11.82	12.09	14.44	18.93	20.87	22.26	19.91
102.5	13.46	14.81	17.90	19.49	20.35	20.98	24.54	26.25	27.86	24.67
105.0	20.80	22.93	25.22	27.51	28.81	28.41	31.05	32.46	33.23	29.58
107.5	28.92	30.87	33.23	36.29	37.18	35.92	37.60	38.68	38.34	34.66
110.0	38.86	40.85	41.61	44.05	44.93	43.17	44.29	44.96	43.43	39.70
112.5	48.14	49.86	49.12	50.69	51.14	49.90	50.85	51.25	48.49	44.67
115.0	57.27	57.33	56.77	57.04	57.25	56.60	57.53	56.93	53.57	49.66
117.5	65.21	64.35	63.48	63.53	63.27	63.39	64.28	62.45	58.83	54.64
120.0	73.15	72.29	71.26	70.05	70.17	70.63	70.75	67.91	64.39	60.54
122.5	82.08	80.57	79.55	78.55	77.25	78.08	77.06	73.34	70.03	66.44
125.0	90.70	89.65	88.59	86.38	84.43	85.36	83.05	78.73	75.77	72.38
127.5	98.54	98.70	97.31	93.47	91.65	90.82	88.61	84.14	81.53	78.41
130.0	105.8	105.9	104.3	100.2	98.05	95.98	93.44	89.69	87.21	84.56
132.5	112.0	110.6	109.2	106.2	103.1	101.3	98.44	95.26	92.55	90.51
135.0	116.8	115.1	113.4	110.9	108.3	106.9	103.5	100.7	97.91	95.83
137.5	121.5	119.5	117.3	115.0	114.3	112.4	108.5	106.1	103.5	101.2
140.0	126.3	123.9	121.5	119.8	119.3	117.4	113.6	111.4	109.0	106.8
142.5	130.7	128.2	125.8	124.2	123.2	120.9	119.2	116.7	114.7	112.6
145.0	133.7	131.8	129.6	128.3	126.7	124.6	123.5	121.9	120.2	118.7
147.5	136.0	135.1	133.7	132.4	130.4	128.7	127.1	126.1	125.2	124.9
150.0	139.1	138.9	138.3	136.2	134.1	132.4	131.1	130.2	129.6	129.7
152.5	142.6	142.1	141.5	139.5	137.7	136.3	135.3	134.5	134.3	134.7
155.0	144.6	143.8	143.2	143.2	141.7	140.5	139.6	139.2	139.2	139.5
157.5	146.4	146.1	145.9	145.7	145.7	144.9	144.4	144.2	144.2	144.2
160.0	149.3	148.8	148.5	148.4	148.5	149.2	149.4	149.2	149.0	149.2
162.5	151.7	151.3	151.0	151.0	151.4	152.0	152.6	153.4	154.1	154.0
165.0	153.8	153.6	153.7	153.8	154.1	154.5	155.2	156.0	156.6	157.0
167.5	156.3	156.2	156.3	156.5	156.9	157.4	157.9	158.2	158.6	159.4
170.0	159.4	159.5	159.5	159.7	159.9	160.0	160.2	160.6	161.2	162.0
172.5	162.4	162.3	162.3	162.3	162.5	162.7	163.0	163.5	163.9	164.3
175.0	165.4	165.4	165.4	165.5	165.6	165.7	165.9	166.0	166.2	166.5
177.5	168.3	168.3	168.3	168.3	168.3	168.4	168.4	168.5	168.6	168.7
180.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0

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

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

Photometric Data Table [cd]

G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1027	1026	1025	1025	1025	1025	1026	1026	1027	1028
5.0	993.0	991.2	989.9	989.2	989.1	989.4	990.3	991.3	992.7	994.5
7.5	959.5	956.5	954.5	953.4	953.3	953.7	954.6	955.9	956.9	958.1
10.0	925.4	922.1	919.2	917.6	917.4	917.9	918.7	919.3	919.0	918.3
12.5	889.6	887.2	884.0	881.9	881.5	882.0	882.5	881.7	879.3	877.5
15.0	851.4	851.5	848.7	846.2	845.6	846.0	845.7	842.7	839.3	836.3
17.5	802.1	801.6	799.1	795.4	794.3	794.8	794.6	791.3	789.4	787.3
20.0	746.7	747.8	747.1	744.1	743.0	743.1	741.0	736.5	732.7	727.0
22.5	690.8	693.1	694.8	692.8	691.8	691.4	687.4	681.2	674.8	665.7
25.0	634.6	638.3	641.8	641.3	640.5	639.3	633.6	625.3	616.6	605.5
27.5	578.2	583.3	588.3	589.7	589.2	587.1	579.5	569.2	558.6	549.2
30.0	521.6	527.9	534.7	537.9	538.0	534.8	525.4	513.0	502.3	497.2
32.5	466.5	471.4	477.3	480.0	479.7	477.0	468.2	457.3	449.1	448.1
35.0	412.8	415.5	419.8	422.0	421.4	419.1	411.4	402.6	398.0	399.4
37.5	360.8	360.8	362.9	364.1	363.2	361.4	355.5	349.5	348.4	351.5
40.0	310.1	307.0	306.6	306.2	304.9	303.7	300.5	298.0	299.9	304.1
42.5	260.6	254.3	250.9	248.4	246.6	246.4	246.4	247.7	252.6	258.4
45.0	211.9	202.7	195.8	190.8	188.3	189.4	193.1	198.5	206.2	214.3
47.5	173.8	174.0	174.4	174.6	174.1	173.3	172.2	170.8	169.8	172.5
50.0	159.9	159.9	160.2	160.3	159.8	159.1	158.1	157.0	156.2	155.7
52.5	146.2	146.0	146.0	146.0	145.5	145.0	144.1	143.3	142.7	142.5
55.0	132.5	132.1	131.9	131.7	131.3	130.8	130.2	129.7	129.4	129.4
57.5	119.0	118.3	117.8	117.4	117.0	116.7	116.3	116.2	116.2	116.4
60.0	105.5	104.6	103.7	103.1	102.7	102.5	102.5	102.7	103.2	103.7
62.5	93.56	93.35	93.19	92.99	92.78	92.47	92.06	91.67	91.40	91.19
65.0	83.71	83.47	83.28	83.07	82.85	82.56	82.21	81.86	81.63	81.45
67.5	73.87	73.60	73.37	73.15	72.92	72.66	72.36	72.08	71.90	71.78
70.0	64.06	63.74	63.48	63.24	62.99	62.77	62.53	62.32	62.21	62.15
72.5	54.28	53.90	53.59	53.32	53.06	52.87	52.70	52.57	52.54	52.57
75.0	44.52	44.07	43.70	43.41	43.13	42.98	42.89	42.84	42.90	43.03
77.5	36.41	36.34	36.29	36.20	35.99	35.83	35.61	35.33	35.04	34.73
80.0	29.18	29.13	29.12	29.05	28.85	28.75	28.57	28.36	28.12	27.86
82.5	21.96	21.92	21.95	21.90	21.71	21.66	21.54	21.39	21.21	21.01
85.0	14.74	14.71	14.78	14.75	14.57	14.58	14.51	14.43	14.31	14.18
87.5	7.523	7.504	7.609	7.595	7.426	7.493	7.487	7.476	7.413	7.355
90.0	0.3081	0.2988	0.4384	0.4435	0.2851	0.4106	0.4620	0.5229	0.5229	0.5368
92.5	4.636	4.064	3.726	3.344	3.289	3.573	3.968	4.505	4.994	5.491
95.0	8.949	7.822	7.009	6.244	6.293	6.733	7.470	8.478	9.454	10.43
97.5	13.23	11.56	10.28	9.142	9.297	9.890	10.96	12.43	13.89	15.35
100.0	17.47	15.29	13.54	12.04	12.30	13.04	14.44	16.37	18.30	20.22
102.5	21.65	18.98	16.79	14.93	15.31	16.19	17.91	20.26	22.67	25.05
105.0	26.12	22.94	20.19	17.87	18.31	19.38	21.55	24.47	27.38	30.08
107.5	31.24	28.14	25.45	23.39	23.80	25.08	27.27	30.09	32.84	35.33
110.0	36.35	33.33	30.71	28.90	29.28	30.78	32.98	35.71	38.29	40.59
112.5	41.44	38.51	35.97	34.41	34.77	36.47	38.68	41.32	43.76	45.89
115.0	46.50	43.68	41.24	39.93	40.26	42.16	44.37	46.94	49.23	51.22
117.5	51.58	48.85	46.54	45.44	45.74	47.85	50.05	52.56	54.72	56.60
120.0	57.26	54.37	52.05	51.00	51.23	53.51	55.96	58.71	61.12	63.18
122.5	63.30	60.56	58.64	57.90	58.48	58.36	63.27	65.86	68.14	69.90
125.0	69.29	66.76	65.27	64.84	65.73	63.05	70.59	73.02	75.21	76.71
127.5	75.28	72.98	71.92	71.80	72.98	67.85	77.92	80.18	82.32	83.64
130.0	81.28	79.27	78.55	78.78	80.23	73.75	85.25	87.36	89.47	90.69
132.5	87.31	85.63	85.19	85.77	87.48	80.40	92.60	94.56	96.64	97.83
135.0	93.23	92.14	91.80	92.76	94.73	87.94	99.18	101.1	103.6	104.8
137.5	99.29	98.63	98.41	99.41	101.4	97.77	101.9	105.4	110.6	111.8
140.0	105.4	105.0	105.0	106.1	108.1	107.0	106.4	110.0	117.6	118.8
142.5	111.7	111.5	111.6	112.7	114.8	115.6	112.8	115.1	124.6	125.9
145.0	118.4	118.1	118.3	119.5	121.5	123.0	119.1	117.7	129.5	133.0
147.5	125.0	124.8	125.1	126.3	128.1	130.2	126.5	118.8	130.7	140.1
150.0	130.3	130.7	131.7	133.0	134.8	137.2	135.0	121.2	130.2	142.7
152.5	134.9	135.3	136.5	137.8	139.3	141.9	140.7	128.9	137.7	143.6
155.0	139.8	139.9	141.4	142.5	143.9	146.6	146.2	141.7	141.6	144.5
157.5	144.5	144.8	146.2	147.2	148.4	151.2	151.2	150.3	147.0	151.2
160.0	149.2	149.8	151.1	151.8	152.9	155.6	156.1	156.1	155.0	157.4
162.5	153.9	155.0	156.0	156.3	157.4	160.0	161.0	161.1	162.7	164.1
165.0	158.0	159.6	160.4	160.7	162.0	164.3	165.3	165.2	165.8	167.6
167.5	160.5	161.5	161.9	162.3	163.5	165.3	166.5	166.7	166.9	167.8
170.0	162.7	163.2	163.6	164.1	165.0	166.3	167.4	167.9	168.2	168.5
172.5	164.7	165.0	165.4	165.9	166.5	167.3	168.1	168.8	169.2	169.6
175.0	166.7	166.9	167.2	167.6	168.0	168.5	169.0	169.4	169.9	170.3
177.5	168.9	169.0	169.1	169.3	169.5	169.7	169.9	170.1	170.3	170.5
180.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0

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

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

Photometric Data Table [cd]

G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	1061	1061	1061	1061	1061	1061	1061	1061	1061	1061
2.5	1030	1031	1033	1035	1037	1039	1041	1044	1047	1049
5.0	996.2	998.5	1001	1003	1005	1008	1012	1016	1020	1025
7.5	958.6	959.6	961.1	963.3	966.1	969.6	973.8	978.8	984.6	990.9
10.0	918.0	918.3	919.2	920.9	922.5	924.7	926.8	930.3	933.9	939.4
12.5	876.3	875.1	873.6	870.5	866.8	863.6	861.0	861.2	864.0	869.2
15.0	832.4	826.6	818.5	809.3	802.3	799.2	799.9	803.8	809.8	818.6
17.5	782.9	772.3	759.3	751.8	749.2	750.2	754.4	760.7	769.1	779.5
20.0	717.9	708.5	705.8	705.7	706.5	709.8	714.8	721.4	728.9	738.0
22.5	654.6	650.2	652.0	658.7	667.7	670.0	672.1	674.1	676.7	680.7
25.0	598.1	597.8	602.0	608.4	616.4	624.0	617.9	613.1	612.2	615.8
27.5	546.3	548.1	551.2	554.3	556.7	557.9	558.7	553.6	553.3	557.6
30.0	497.4	498.0	496.4	495.0	493.9	495.4	498.4	497.7	494.9	492.2
32.5	448.5	444.5	438.9	436.2	437.6	439.3	440.6	443.1	437.0	436.9
35.0	398.9	388.4	382.6	384.4	387.2	387.0	387.5	393.0	398.1	400.7
37.5	349.2	339.1	333.9	338.7	339.7	340.6	345.6	354.7	365.2	365.6
40.0	301.8	295.9	296.5	297.1	298.5	303.0	309.7	318.1	327.7	329.2
42.5	258.1	257.6	261.4	261.6	264.0	268.8	275.3	282.6	289.3	290.3
45.0	218.3	222.9	227.7	230.6	234.2	236.5	243.4	249.5	251.3	251.7
47.5	182.0	190.5	196.7	202.5	206.6	209.8	215.6	218.9	219.3	221.3
50.0	155.4	159.7	169.0	176.6	181.8	186.7	191.5	193.9	194.8	198.1
52.5	142.3	142.3	143.4	152.8	159.5	165.3	170.0	173.6	174.6	177.5
55.0	129.4	129.7	130.7	132.0	139.2	145.4	150.3	154.6	155.7	159.5
57.5	116.7	117.3	118.3	119.5	120.8	127.1	132.2	135.7	138.9	142.1
60.0	104.3	105.1	106.1	107.3	108.5	110.2	115.6	119.1	122.6	125.3
62.5	91.99	93.00	94.15	95.38	96.54	97.86	100.2	103.9	106.9	109.5
65.0	81.37	81.36	82.35	83.63	84.87	86.11	87.40	89.73	92.36	94.02
67.5	71.73	71.75	71.83	72.17	73.47	74.68	75.89	76.74	78.83	79.90
70.0	62.16	62.24	62.34	62.47	62.58	63.63	64.73	65.50	66.64	67.58
72.5	52.65	52.80	52.95	53.11	53.22	53.35	54.05	54.83	55.73	56.34
75.0	43.20	43.44	43.67	43.89	44.06	44.18	44.26	44.69	45.36	46.04
77.5	34.38	34.15	34.49	34.81	35.06	35.23	35.27	35.30	35.64	36.09
80.0	27.58	27.28	26.93	26.52	26.21	26.46	26.50	26.48	26.53	26.65
82.5	20.81	20.58	20.30	19.97	19.55	18.97	18.08	17.93	17.90	17.83
85.0	14.06	13.91	13.71	13.49	13.19	12.77	12.14	11.22	9.908	9.595
87.5	7.327	7.253	7.153	7.038	6.889	6.673	6.343	5.879	5.182	4.162
90.0	0.5975	0.6116	0.6116	0.6116	0.6209	0.6209	0.6255	0.6722	0.6722	0.6722
92.5	5.776	5.148	4.550	3.956	3.267	2.619	1.992	1.369	0.9163	0.8002
95.0	10.97	9.714	8.530	7.345	5.971	4.681	3.439	2.166	1.220	1.698
97.5	16.20	14.34	12.59	10.82	8.787	6.868	5.042	4.591	4.445	4.112
100.0	21.49	19.05	16.77	14.43	12.24	11.42	10.40	9.423	8.450	7.902
102.5	26.84	23.95	22.16	21.26	20.85	18.48	16.45	14.65	13.62	12.99
105.0	32.19	30.34	29.38	29.28	29.93	26.17	23.17	21.49	20.27	18.91
107.5	37.37	36.63	36.46	37.19	39.01	34.54	32.07	31.00	28.43	26.56
110.0	42.55	42.78	43.37	44.90	47.44	43.46	42.09	42.95	38.92	36.88
112.5	47.74	48.75	50.09	52.11	53.08	51.70	51.31	55.69	50.22	51.56
115.0	52.94	54.50	56.17	57.43	58.41	59.02	59.62	61.46	60.36	62.60
117.5	58.50	60.32	61.78	62.90	63.84	64.79	65.96	66.51	67.30	67.84
120.0	64.76	66.29	67.54	68.50	69.42	70.32	70.81	71.48	72.55	72.74
122.5	71.17	72.39	73.46	74.31	75.12	75.62	76.05	76.65	77.35	77.59
125.0	77.74	78.65	79.59	80.29	80.75	81.15	81.66	82.32	82.32	82.70
127.5	84.47	85.11	85.89	86.25	86.59	86.94	87.58	88.00	87.79	88.31
130.0	91.36	91.71	92.12	92.45	92.73	93.11	93.69	93.61	93.56	94.23
132.5	98.25	98.40	98.60	98.92	99.16	99.58	99.65	99.40	99.64	100.4
135.0	105.2	105.3	105.4	105.6	105.9	106.3	105.7	105.5	105.9	106.5
137.5	112.2	112.4	112.4	112.5	112.9	112.3	111.8	111.8	112.5	112.2
140.0	119.4	119.6	119.7	119.8	119.2	118.6	118.3	118.4	119.1	118.0
142.5	126.7	127.0	127.3	126.4	125.5	125.0	124.9	125.2	125.8	123.9
145.0	133.9	134.1	132.0	131.9	132.1	131.6	131.6	132.1	131.6	130.0
147.5	138.4	137.9	136.5	134.5	137.5	138.5	138.6	139.1	137.5	136.3
150.0	139.9	139.9	140.7	139.0	138.0	143.4	145.6	144.9	143.3	142.4
152.5	144.2	139.0	143.1	144.1	142.3	141.1	146.6	149.5	149.0	148.1
155.0	147.5	143.4	140.1	146.0	147.7	147.2	145.9	147.4	150.4	152.6
157.5	150.1	150.2	143.4	140.5	148.2	151.7	153.1	153.4	153.5	154.5
160.0	157.7	153.5	153.0	147.1	143.2	149.5	155.5	158.2	159.8	161.3
162.5	165.8	164.1	157.5	156.8	156.4	153.2	152.4	156.4	160.5	163.9
165.0	168.5	168.4	167.3	164.0	161.8	162.1	163.3	162.9	163.3	164.7
167.5	169.3	170.3	170.6	170.6	170.0	169.1	167.8	167.8	168.6	169.6
170.0	169.2	170.4	171.4	172.3	172.7	173.1	173.4	173.6	173.8	174.1
172.5	169.9	170.3	171.0	171.8	172.6	173.3	174.0	174.6	175.1	175.6
175.0	170.6	170.9	171.2	171.5	171.8	172.2	172.6	173.0	173.5	173.9
177.5	170.7	170.9	171.1	171.3	171.5	171.7	171.9	172.0	172.2	172.3
180.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0

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

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

Photometric Data Table [cd]

G/C	350.0	355.0
0.0	1061	1061
2.5	1052	1055
5.0	1030	1036
7.5	998.2	1006
10.0	946.7	955.9
12.5	877.5	887.9
15.0	829.2	841.4
17.5	791.6	805.5
20.0	749.3	763.4
22.5	688.7	700.9
25.0	624.0	636.8
27.5	566.2	577.9
30.0	494.0	501.0
32.5	442.1	451.8
35.0	406.1	415.0
37.5	369.4	377.0
40.0	330.6	336.1
42.5	288.0	290.6
45.0	248.2	249.3
47.5	219.9	220.4
50.0	198.5	198.7
52.5	180.7	181.3
55.0	164.5	164.6
57.5	147.6	147.3
60.0	129.4	129.4
62.5	112.2	113.2
65.0	95.81	96.18
67.5	80.91	81.92
70.0	68.48	69.76
72.5	57.10	58.18
75.0	46.25	46.69
77.5	36.17	36.25
80.0	27.11	26.71
82.5	17.79	17.61
85.0	9.433	9.451
87.5	2.479	2.308
90.0	0.6722	0.6722
92.5	0.7552	0.8069
95.0	1.274	1.157
97.5	3.742	3.513
100.0	7.689	7.326
102.5	12.26	11.84
105.0	17.88	17.60
107.5	25.31	25.16
110.0	35.24	34.48
112.5	49.16	47.19
115.0	61.27	61.18
117.5	68.30	66.21
120.0	73.59	70.46
122.5	78.61	74.61
125.0	82.88	78.77
127.5	87.43	84.11
130.0	91.97	88.28
132.5	97.16	93.71
135.0	103.6	100.6
137.5	110.3	109.1
140.0	116.7	115.9
142.5	122.8	122.3
145.0	129.1	128.8
147.5	135.6	135.6
150.0	142.0	142.2
152.5	147.7	147.9
155.0	153.0	153.5
157.5	156.2	158.2
160.0	162.8	164.6
162.5	166.3	168.5
165.0	166.9	169.5
167.5	171.0	172.4
170.0	174.6	175.2
172.5	176.0	176.5
175.0	174.2	174.6
177.5	172.5	172.6
180.0	171.0	171.0

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

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