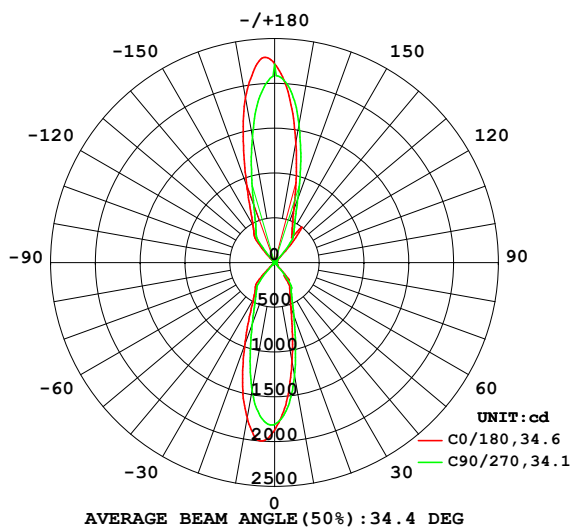


LUMINAIRE PHOTOMETRIC TEST REPORT

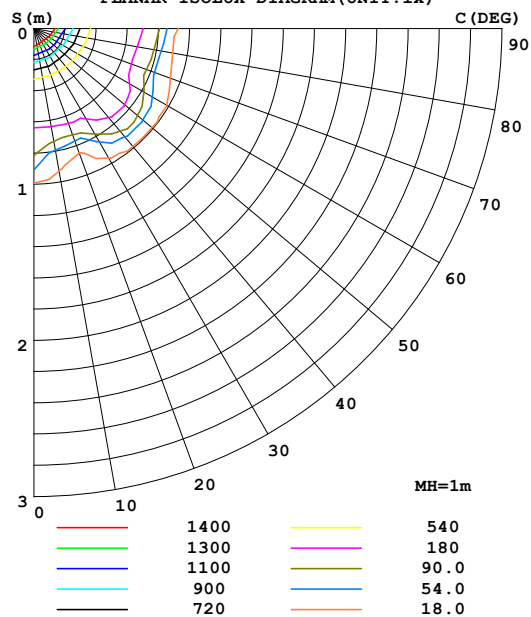
Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.37 lm/W			
MODEL		Imax (cd)	2296	S/MH(C0/180)	0.67
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2058.8	η UP,DN(C0-180)	26.3,23.3
NOMINAL FLUX(lm)	2058.8	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.4,25.0
LAMPS INSIDE	1	η up (%)	51.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down (%)	48.3	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

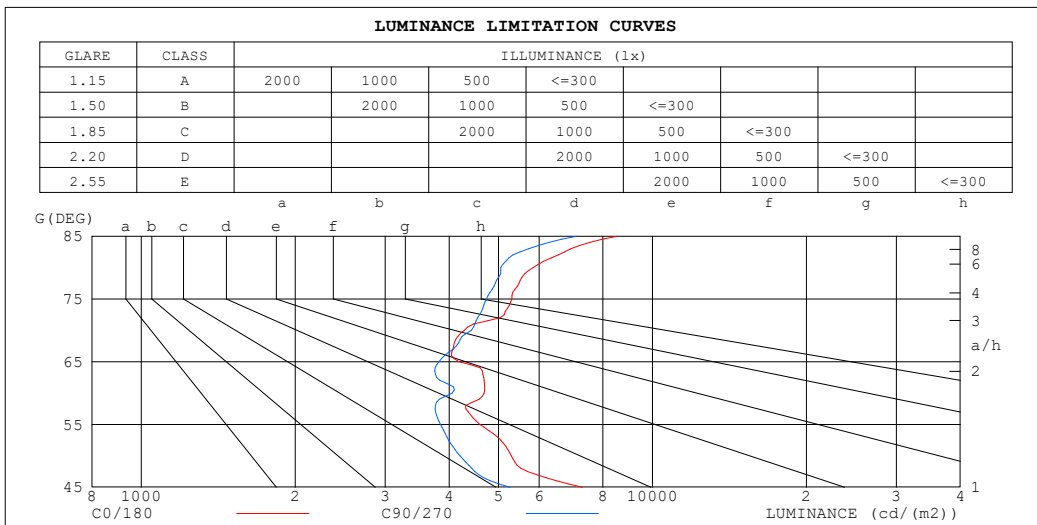
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1127	1104	1282	1623	1766	1762	1452	1171	0- 10	154.4	154.4	7.5,7.5
20	539.0	533.7	635.5	872.2	975.9	979.5	734.2	565.4	10- 20	286.9	441.2	21.4,21.4
30	342.3	335.6	374.9	446.5	477.8	487.7	422.9	368.9	20- 30	245.6	686.8	33.4,33.4
40	261.0	291.9	147.8	308.6	330.5	326.2	204.6	271.2	30- 40	197.8	884.6	43,43
50	26.70	24.43	21.20	24.64	30.10	27.17	22.90	27.10	40- 50	64.01	948.7	46.1,46.1
60	18.39	15.36	15.92	14.95	18.55	15.30	16.09	14.40	50- 60	16.66	965.3	46.9,46.9
70	11.49	9.802	11.87	10.25	11.82	10.61	11.34	9.513	60- 70	13.06	978.4	47.5,47.5
80	7.964	7.003	6.879	6.595	7.200	7.174	7.904	7.603	70- 80	10.19	988.6	48,48
90	5.142	4.548	4.213	4.327	4.280	4.421	4.326	4.356	80- 90	6.041	994.6	48.3,48.3
100	7.728	6.931	7.245	6.669	6.417	6.237	6.375	6.486	90-100	5.742	1000	48.6,48.6
110	11.22	8.304	10.30	9.230	10.49	8.894	10.01	8.244	100-110	9.210	1010	49,49
120	17.63	14.07	14.59	14.91	16.46	13.39	12.64	14.36	110-120	11.64	1021	49.6,49.6
130	29.44	26.84	23.58	24.26	24.41	22.14	19.38	22.77	120-130	15.80	1037	50.4,50.4
140	367.3	292.5	217.4	342.4	293.5	320.1	124.4	309.2	130-140	61.74	1099	53.4,53.4
150	393.1	377.9	441.5	503.5	485.8	487.6	421.2	376.9	140-150	218.6	1317	64,64
160	628.5	610.6	761.7	987.2	911.9	918.8	685.1	590.2	150-160	258.4	1576	76.5,76.5
170	1367	1301	1573	1926	1874	1825	1432	1242	160-170	308.3	1884	91.5,91.5
180	2217	2217	2217	2217	2217	2217	2217	2217	170-180	174.8	2059	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:
 Test Date:21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:8.050m [K=1.2422]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8538	7102
80	5843	5046
75	5306	4729
70	4280	4420
65	4185	3822
60	4685	4055
55	4598	3848
50	5291	4201
45	7291	5261

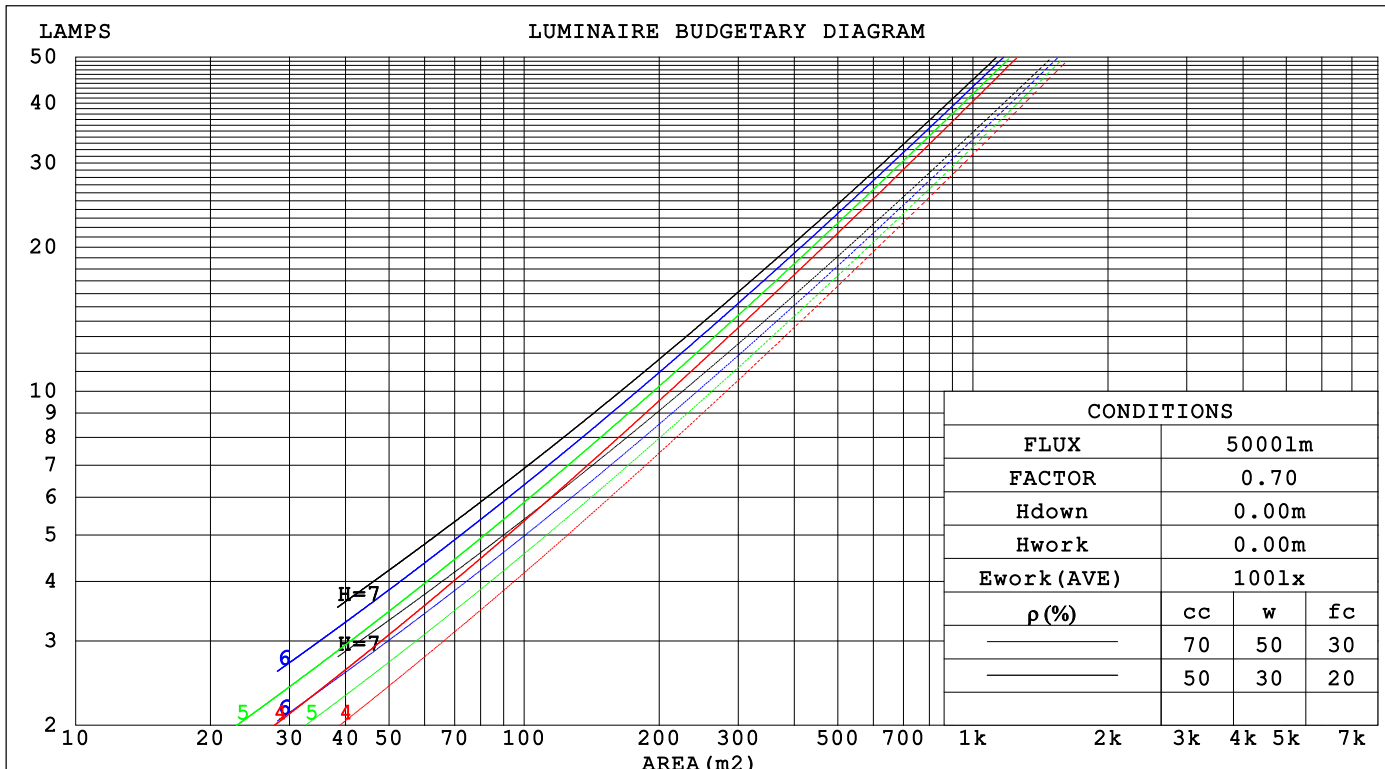
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.07	1.07	1.07	.98	.98	.98	.82	.82	.82	.68	.68	.68	.55	.55	.55	.48
1.0	.96	.93	.90	.89	.86	.84	.75	.73	.72	.63	.62	.61	.51	.51	.50	.45
2.0	.87	.82	.78	.81	.76	.73	.69	.66	.64	.58	.56	.55	.48	.47	.46	.42
3.0	.79	.73	.68	.73	.68	.64	.63	.60	.57	.54	.52	.50	.46	.44	.43	.39
4.0	.72	.66	.61	.67	.62	.58	.59	.55	.51	.50	.48	.45	.43	.41	.40	.36
5.0	.66	.59	.55	.62	.56	.52	.54	.50	.47	.47	.44	.42	.41	.38	.37	.34
6.0	.61	.54	.49	.57	.51	.47	.51	.46	.43	.44	.41	.39	.38	.36	.34	.32
7.0	.56	.50	.45	.53	.47	.43	.47	.43	.40	.42	.38	.36	.36	.34	.32	.30
8.0	.52	.46	.41	.50	.44	.40	.44	.40	.37	.39	.36	.33	.34	.32	.30	.28
9.0	.49	.43	.38	.46	.41	.37	.42	.37	.34	.37	.34	.31	.33	.30	.29	.27
10.0	.46	.40	.36	.44	.38	.34	.39	.35	.32	.35	.32	.30	.31	.29	.27	.25



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

WEC AND CCEC

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm					
NAME: 4" SB-CWS01-20W-H-T			TYPE:		WEIGHT:
SPEC.: 120~277V			DIM.: 0.1		SERIAL No.:
MFR.:			SUR.: 0.1		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.224	.127	.040	.201	.115	.036	.159	.091	.029	.120	.069	.022	.085	.049	.016		
2.0	.207	.114	.035	.187	.103	.032	.149	.083	.026	.114	.064	.020	.081	.046	.015		
3.0	.193	.103	.031	.175	.094	.028	.140	.076	.023	.108	.059	.018	.078	.043	.013		
4.0	.180	.094	.028	.163	.086	.025	.132	.070	.021	.102	.055	.017	.075	.041	.012		
5.0	.169	.086	.025	.153	.079	.023	.124	.065	.019	.097	.051	.015	.071	.038	.011		
6.0	.159	.079	.023	.144	.073	.021	.117	.060	.017	.092	.048	.014	.068	.036	.011		
7.0	.149	.074	.021	.136	.068	.019	.111	.056	.016	.088	.045	.013	.066	.034	.010		
8.0	.141	.069	.019	.129	.063	.018	.105	.053	.015	.084	.042	.012	.063	.032	.009		
9.0	.133	.065	.018	.122	.059	.017	.100	.050	.014	.080	.040	.011	.060	.031	.009		
10.0	.127	.061	.017	.116	.056	.016	.096	.047	.013	.076	.038	.011	.058	.029	.008		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.584	.584	.584	.499	.499	.499	.341	.341	.341	.196	.196	.196	.063	.063	.063		
1.0	.571	.554	.538	.489	.475	.463	.334	.327	.320	.192	.189	.186	.062	.061	.060		
2.0	.561	.532	.508	.480	.458	.439	.329	.317	.306	.190	.184	.180	.061	.060	.059		
3.0	.552	.516	.487	.473	.445	.422	.325	.309	.296	.187	.180	.175	.060	.059	.057		
4.0	.544	.503	.472	.466	.435	.410	.321	.303	.289	.186	.177	.171	.060	.058	.056		
5.0	.536	.493	.461	.461	.427	.401	.317	.298	.283	.184	.175	.168	.059	.057	.055		
6.0	.530	.485	.453	.455	.420	.395	.314	.294	.279	.182	.173	.166	.059	.057	.055		
7.0	.524	.479	.447	.451	.415	.390	.311	.291	.276	.181	.171	.164	.058	.056	.054		
8.0	.519	.474	.443	.446	.411	.386	.309	.288	.274	.180	.170	.163	.058	.056	.054		
9.0	.514	.469	.439	.443	.407	.383	.307	.286	.272	.179	.169	.162	.058	.055	.054		
10.0	.509	.465	.436	.439	.404	.380	.304	.284	.270	.178	.168	.161	.058	.055	.053		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm										
NAME: 4" SB-CWS01-20W-H-T					TYPE:			WEIGHT:		
SPEC.: 120~277V					DIM.: 0.1			SERIAL No.:		
MFR.:					SUR.: 0.1			Shielding 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	13.2	13.9	14.0	14.7	15.8	13.5	14.2	14.3	15.0	16.1
3H	13.3	14.0	14.2	14.8	15.9	13.5	14.2	14.4	15.0	16.1
4H	13.5	14.1	14.4	15.0	16.1	13.6	14.2	14.5	15.1	16.2
6H	13.7	14.3	14.7	15.2	16.4	13.8	14.3	14.7	15.2	16.4
8H	13.9	14.4	14.8	15.3	16.5	13.8	14.4	14.8	15.3	16.5
12H	14.1	14.6	15.0	15.5	16.7	13.9	14.5	14.9	15.4	16.6
4H 2H	12.8	13.4	13.7	14.3	15.4	13.1	13.7	14.0	14.6	15.7
3H	13.1	13.6	14.1	14.6	15.7	13.3	13.8	14.2	14.7	15.9
4H	13.5	13.9	14.5	14.9	16.1	13.5	14.0	14.5	14.9	16.1
6H	13.9	14.3	14.9	15.3	16.5	13.8	14.2	14.8	15.2	16.5
8H	14.2	14.5	15.2	15.5	16.8	14.0	14.4	15.0	15.3	16.6
12H	14.4	14.8	15.5	15.8	17.1	14.2	14.5	15.2	15.5	16.8
8H 4H	13.4	13.8	14.4	14.8	16.1	13.5	13.9	14.5	14.8	16.1
6H	14.0	14.3	15.1	15.3	16.6	14.0	14.3	15.0	15.3	16.6
8H	14.4	14.7	15.4	15.7	17.0	14.2	14.5	15.3	15.5	16.8
12H	14.9	15.1	15.9	16.1	17.5	14.6	14.8	15.6	15.8	17.2
12H 4H	13.4	13.7	14.4	14.7	16.0	13.4	13.8	14.5	14.8	16.1
6H	14.0	14.3	15.1	15.3	16.6	14.0	14.2	15.0	15.2	16.6
8H	14.5	14.7	15.5	15.7	17.1	14.3	14.5	15.3	15.5	16.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.6 / - 0.8					+ 2.8 / - 1.8				
1.5H	+ 3.1 / - 0.7					+ 4.9 / - 1.6				
2.0H	+ 0.5 / - 0.1					+ 0.1 / - 0.2				

CIE Pub.117, 2059 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.5)
Area: 0.00785 m2

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

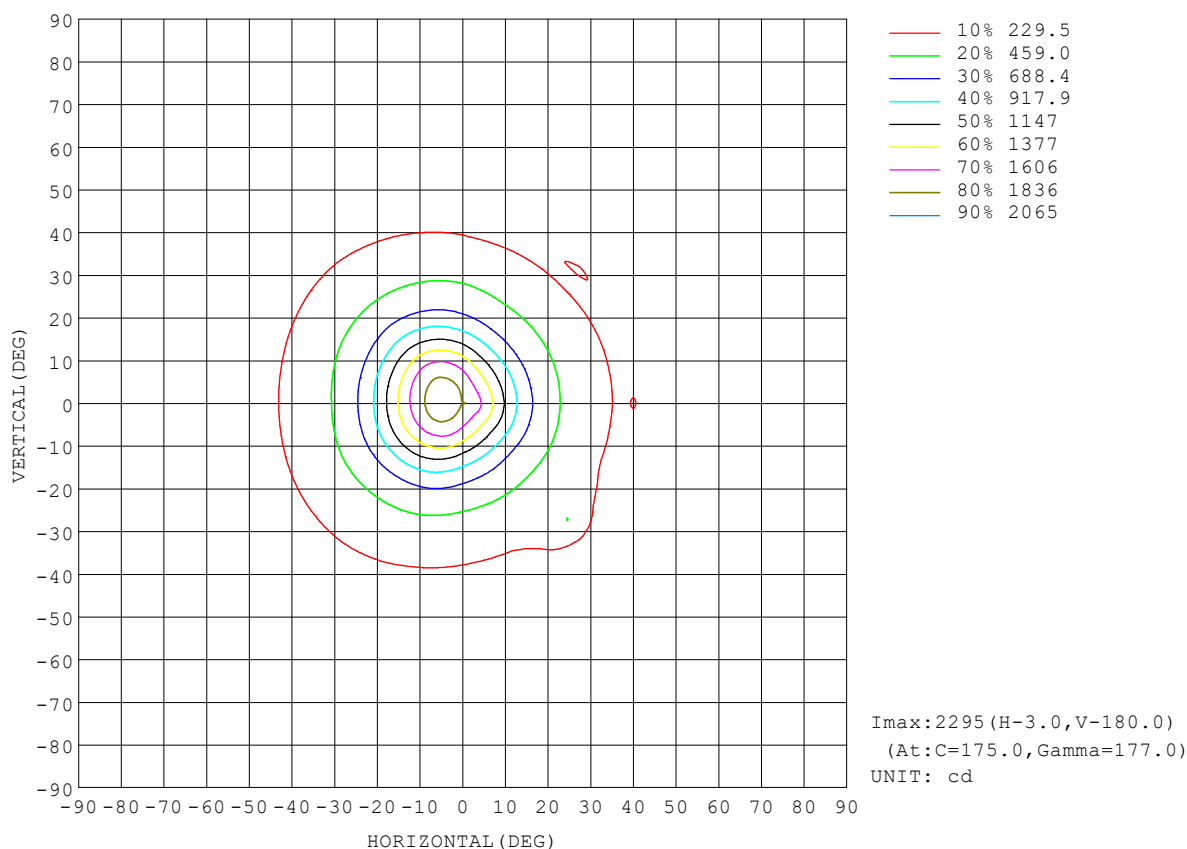
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	49	44	55	47	43	50	44	41	34
0.80	66	57	52	62	55	50	56	50	47	37
1.00	71	63	57	67	60	55	60	55	51	40
1.25	77	69	63	72	65	60	64	59	55	42
1.50	81	73	68	76	69	64	66	62	58	43
2.00	86	79	74	80	74	70	70	66	62	44
2.50	90	83	78	83	78	74	72	68	65	45
3.00	92	87	82	86	81	77	73	70	68	46
4.00	96	91	87	89	85	82	76	73	71	46
5.00	98	94	91	91	87	85	77	75	73	47
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: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.2422]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

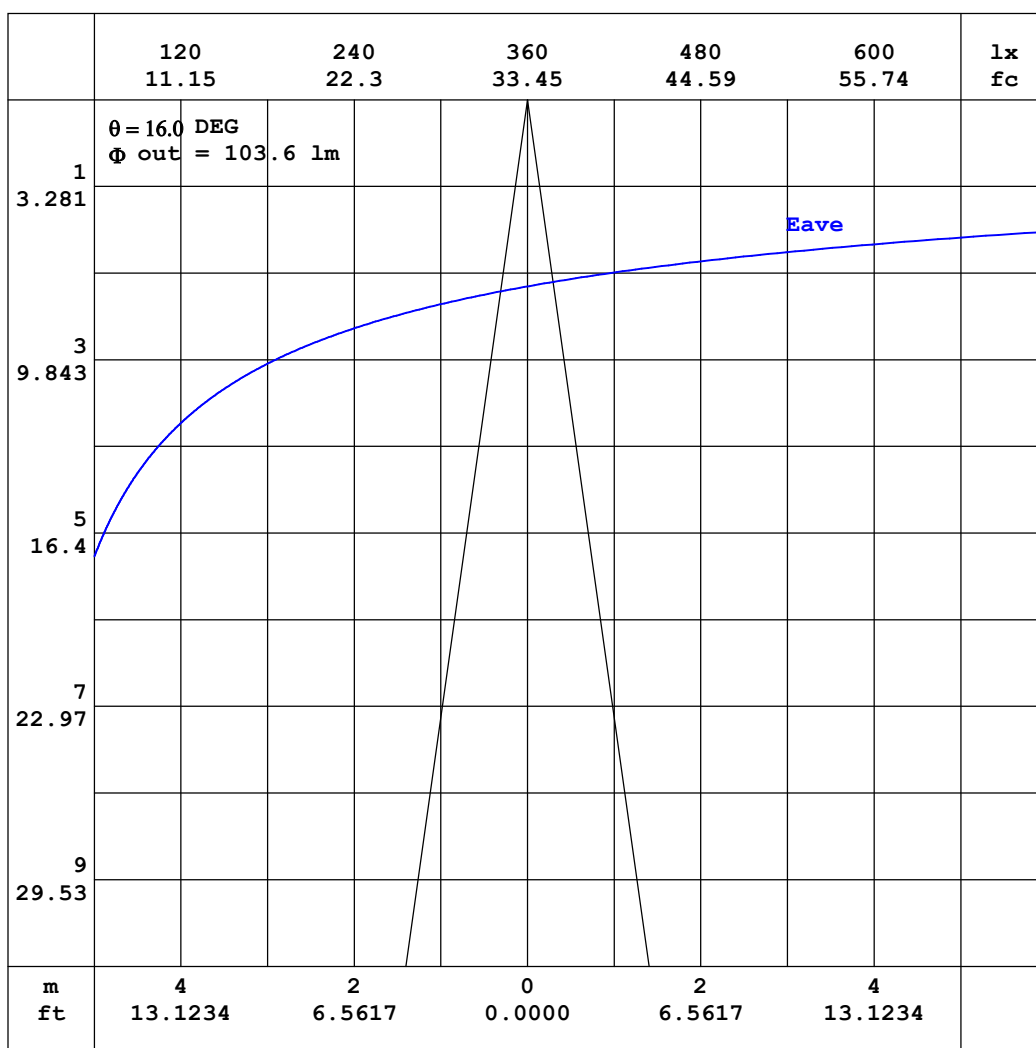


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

AAI CURVES

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:



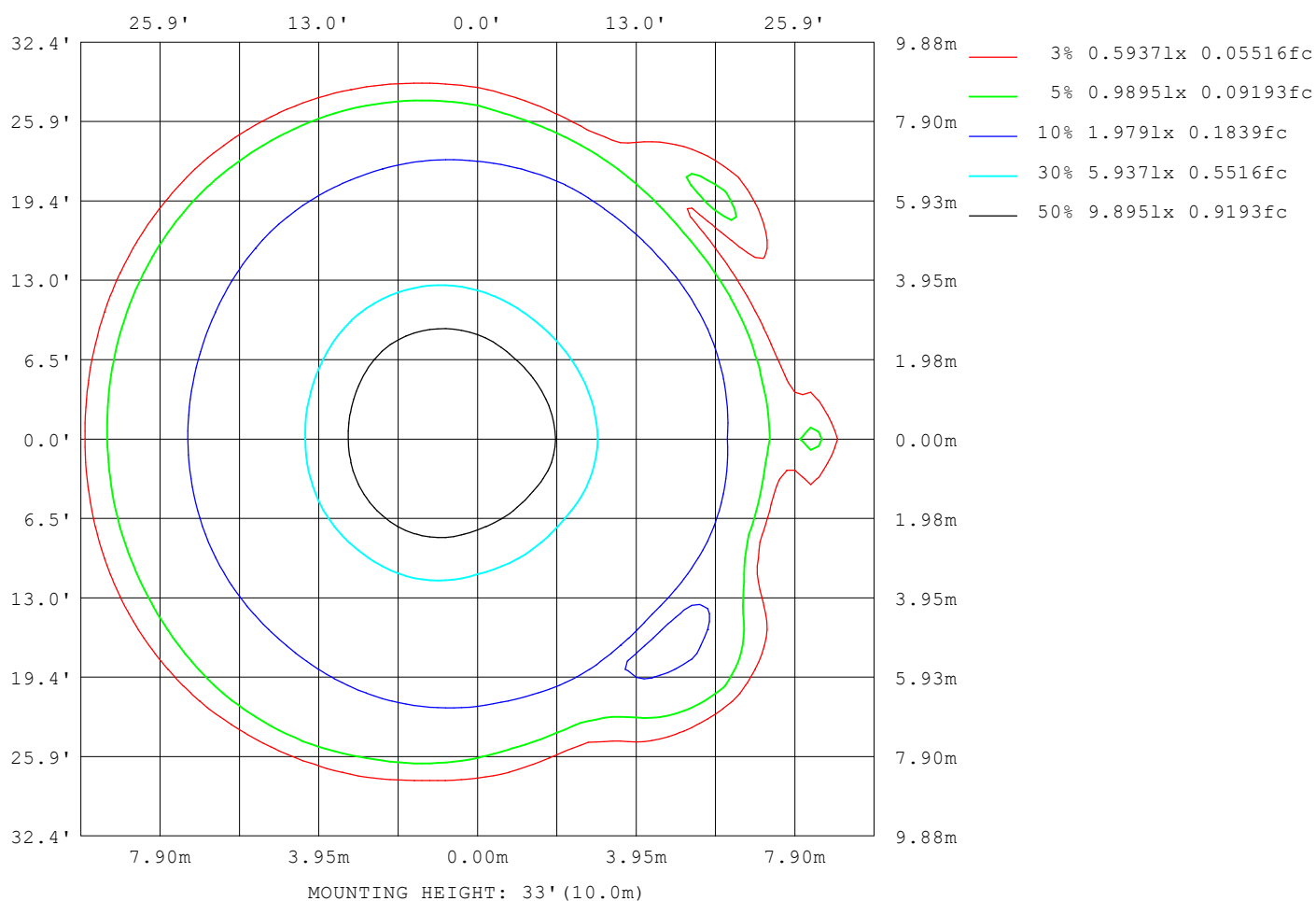
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 8.050m [K=1.2422]
Remarks:

ISOLUX DIAGRAM

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

LED Avg.L Report

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

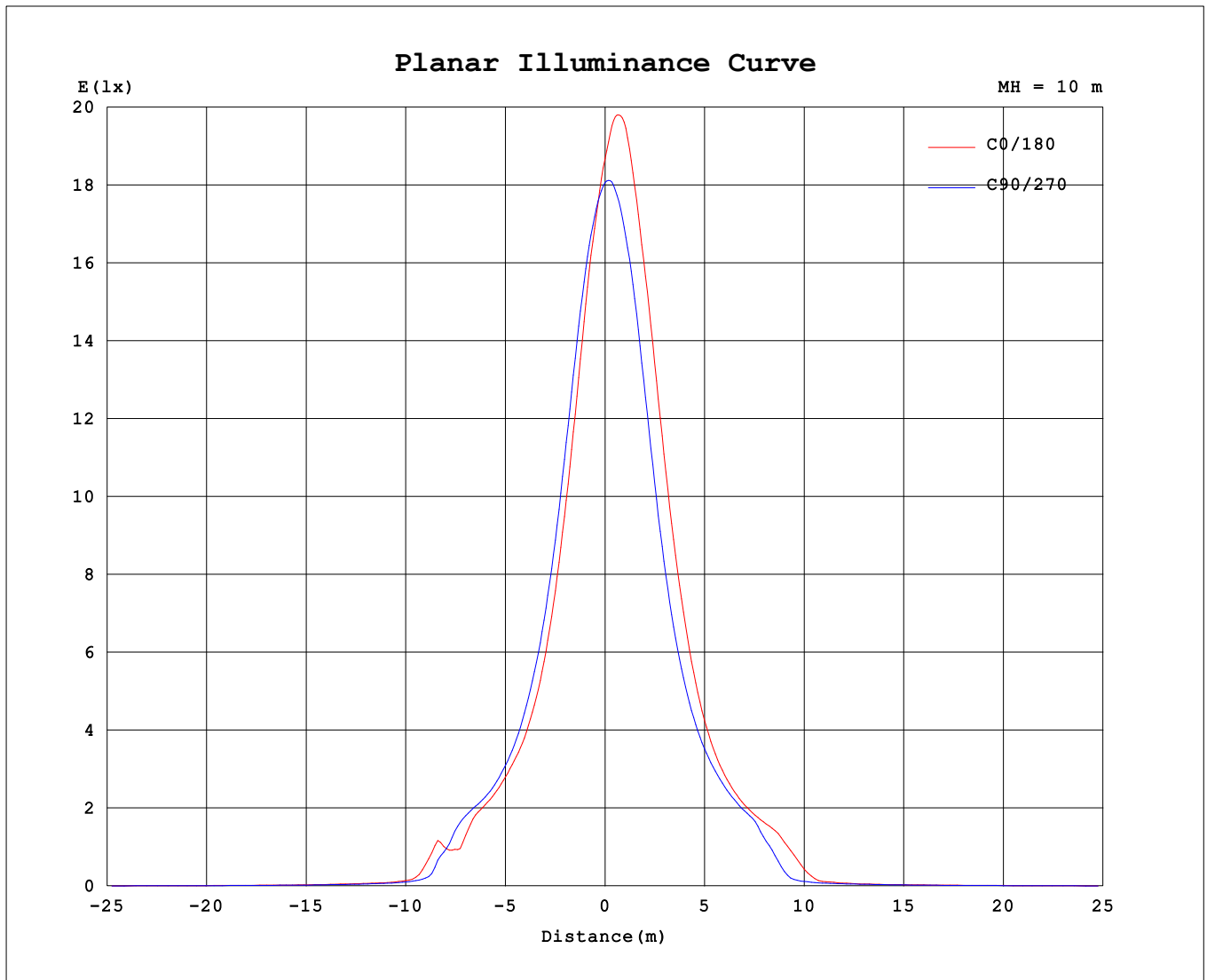
AvgL	cd/m2
L_0~180 (65) av	4370
L_0~180 (75) av	5250
L_0~180 (85) av	8024
L_90~270 (65) av	4166
L_90~270 (75) av	4909
L_90~270 (85) av	7493
L_45 (65) av	3725
L_45 (75) av	4480
L_45 (85) av	7478

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3 °C
 Operators:
 Test Date: 21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.2422]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding 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	1868	1869	1868	1867	1864	1860	1853	1847	1840	1833	1828	1823	1820	1816	1813	1811	1809	1807	1807
5	1556	1554	1552	1549	1545	1540	1533	1526	1522	1519	1524	1531	1541	1553	1566	1580	1596	1615	1635
10	1127	1125	1123	1121	1118	1114	1109	1105	1103	1104	1111	1122	1136	1153	1173	1195	1221	1250	1282
15	768	766	763	761	759	755	751	748	747	748	756	766	779	795	812	831	852	877	905
20	539	538	537	536	535	534	532	532	532	534	539	546	554	564	575	587	601	617	635
25	419	419	418	417	416	414	412	411	410	410	412	416	420	426	433	439	448	457	468
30	342	345	347	348	348	347	344	341	338	336	337	340	344	348	353	358	363	368	375
35	236	226	223	220	218	248	297	347	392	426	404	371	333	295	278	288	300	312	328
40	261	171	104	60.2	40.2	60.5	116	180	242	292	263	220	170	120	95.2	97.6	109	126	148
45	40.5	33.6	28.7	25.7	24.5	26.7	31.9	37.6	43.0	47.3	44.8	40.9	36.2	31.5	28.6	27.7	27.6	28.1	29.2
50	26.7	24.0	21.9	20.4	19.6	19.7	20.7	22.0	23.3	24.4	24.0	23.3	22.4	21.5	21.0	20.9	20.9	21.0	21.2
55	20.7	19.5	18.5	17.6	17.0	16.6	16.4	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.2	17.3	17.3
60	18.4	17.2	16.3	15.5	15.0	14.7	14.7	14.9	15.1	15.4	15.4	15.4	15.4	15.4	15.4	15.6	15.7	15.8	15.9
65	13.9	13.9	13.8	13.6	13.4	13.1	12.7	12.3	11.9	11.6	11.8	12.0	12.3	12.5	12.7	12.8	12.8	12.7	12.7
70	11.5	11.9	12.2	12.4	12.4	12.0	11.5	10.9	10.3	9.80	9.89	10.1	10.4	10.8	11.1	11.4	11.6	11.8	11.9
75	10.8	10.8	10.8	10.8	10.7	10.5	10.3	10.1	9.86	9.67	9.69	9.75	9.83	9.91	9.92	9.86	9.78	9.70	9.61
80	7.96	7.96	7.92	7.87	7.79	7.65	7.48	7.30	7.13	7.00	7.02	7.07	7.13	7.20	7.19	7.13	7.05	6.96	6.88
85	5.84	5.78	5.71	5.63	5.53	5.41	5.26	5.12	4.99	4.89	4.90	4.94	4.98	5.03	5.04	5.00	4.96	4.91	4.86
90	5.14	5.18	5.19	5.17	5.13	5.05	4.93	4.80	4.67	4.55	4.50	4.47	4.45	4.44	4.40	4.34	4.29	4.24	4.21
95	5.79	5.78	5.76	5.72	5.67	5.59	5.49	5.39	5.29	5.21	5.22	5.25	5.28	5.30	5.28	5.21	5.14	5.07	5.01
100	7.73	7.82	7.86	7.86	7.81	7.68	7.47	7.26	7.07	6.93	7.04	7.19	7.36	7.53	7.59	7.54	7.46	7.36	7.25
105	10.5	10.8	10.9	10.9	10.7	10.2	9.52	8.79	8.13	7.63	7.92	8.38	8.92	9.47	9.77	9.79	9.73	9.62	9.48
110	11.2	10.9	10.6	10.3	9.99	9.62	9.22	8.85	8.53	8.30	8.33	8.45	8.64	8.88	9.17	9.48	9.79	10.1	10.3
115	12.9	12.3	11.8	11.4	11.1	11.1	11.3	11.5	11.8	12.0	11.8	11.6	11.5	11.4	11.6	12.1	12.6	13.2	13.6
120	17.6	16.2	15.1	14.2	13.6	13.3	13.3	13.5	13.8	14.1	14.1	14.1	14.0	14.0	14.1	14.2	14.4	14.5	14.6
125	19.9	18.5	17.5	16.8	16.4	16.6	17.2	18.0	18.8	19.4	19.1	18.7	18.1	17.6	17.5	17.7	18.0	18.3	18.6
130	29.4	26.3	23.9	22.2	21.2	21.3	22.5	23.9	25.5	26.8	26.5	25.8	25.0	24.1	23.6	23.5	23.5	23.5	23.6
135	63.3	49.0	38.3	31.3	27.8	30.5	38.6	48.0	57.2	64.7	60.9	54.9	47.7	40.3	35.5	33.9	33.4	33.9	35.3
140	367	247	155	91.3	55.1	65.0	116	178	240	293	263	220	171	126	110	132	158	184	217
145	343	331	320	310	302	295	289	285	284	286	296	308	322	335	346	352	358	363	367
150	393	389	385	382	379	377	376	376	376	378	380	383	388	393	401	410	421	431	441
155	478	472	467	463	460	458	456	456	458	460	463	468	474	481	492	506	521	536	553
160	629	618	610	604	600	599	599	601	605	611	616	623	633	645	662	684	708	734	762
165	927	907	890	877	868	864	863	866	872	882	892	905	922	944	972	1008	1047	1088	1130
170	1367	1341	1319	1302	1290	1283	1282	1284	1291	1301	1311	1325	1343	1365	1397	1436	1480	1526	1573
175	1871	1843	1819	1800	1785	1774	1768	1765	1766	1771	1778	1787	1801	1817	1838	1863	1891	1920	1951
180	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding 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	1808	1809	1811	1813	1816	1818	1820	1823	1827	1832	1838	1844	1850	1855	1859	1863	1866	1868	1869
5	1661	1688	1716	1745	1771	1795	1818	1840	1862	1885	1908	1929	1948	1963	1975	1984	1990	1995	1996
10	1324	1367	1411	1455	1495	1531	1564	1594	1623	1650	1674	1696	1715	1731	1743	1753	1760	1766	1770
15	942	982	1024	1066	1106	1143	1179	1212	1244	1272	1297	1320	1340	1355	1366	1375	1382	1387	1393
20	661	689	717	747	775	801	826	850	872	894	915	933	948	960	966	971	974	976	980
25	482	497	513	529	545	560	574	588	601	614	627	639	649	656	661	664	666	668	670
30	384	393	403	412	421	428	434	440	447	454	461	468	473	476	477	478	478	478	481
35	335	341	345	349	352	355	357	359	361	365	369	373	376	379	380	380	381	381	381
40	166	186	206	227	246	265	282	296	309	314	316	318	318	319	322	325	328	330	331
45	29.5	30.6	32.8	36.5	43.5	53.6	64.7	76.3	87.8	97.2	106	113	119	123	124	124	124	123	127
50	21.3	21.4	21.5	21.8	22.2	22.8	23.4	24.1	24.6	24.8	24.9	25.1	25.3	26.1	27.3	28.4	29.4	30.1	29.3
55	17.2	17.1	17.0	17.0	17.1	17.3	17.6	17.9	18.1	18.0	17.8	17.8	17.8	18.3	19.3	20.4	21.3	21.9	21.2
60	16.0	16.0	16.0	15.9	15.8	15.6	15.4	15.2	15.0	14.7	14.5	14.4	14.5	15.0	16.0	17.0	17.9	18.6	18.1
65	12.6	12.4	12.3	12.1	12.0	11.8	11.6	11.5	11.5	11.6	11.7	12.0	12.3	12.8	13.5	14.1	14.7	15.1	14.9
70	11.8	11.6	11.5	11.2	11.0	10.8	10.5	10.4	10.2	10.3	10.4	10.6	10.8	11.0	11.2	11.5	11.7	11.8	11.9
75	9.56	9.52	9.47	9.42	9.33	9.20	9.09	9.02	9.01	9.22	9.49	9.77	10.1	10.3	10.4	10.5	10.5	10.6	10.6
80	6.85	6.83	6.82	6.81	6.77	6.70	6.64	6.60	6.59	6.71	6.84	6.98	7.12	7.20	7.20	7.20	7.20	7.20	7.30
85	4.83	4.81	4.79	4.78	4.78	4.79	4.81	4.84	4.88	4.97	5.07	5.17	5.25	5.27	5.23	5.19	5.15	5.14	5.25
90	4.24	4.28	4.33	4.37	4.38	4.37	4.35	4.33	4.33	4.38	4.44	4.50	4.55	4.54	4.47	4.40	4.33	4.28	4.34
95	5.02	5.04	5.07	5.11	5.11	5.10	5.08	5.06	5.05	5.11	5.17	5.21	5.23	5.16	5.01	4.84	4.69	4.56	4.62
100	7.16	7.07	6.99	6.92	6.84	6.78	6.73	6.69	6.67	6.72	6.77	6.82	6.86	6.83	6.74	6.63	6.52	6.42	6.41
105	9.48	9.47	9.43	9.36	9.15	8.82	8.48	8.19	7.96	8.06	8.23	8.45	8.69	8.84	8.90	8.93	8.93	8.90	8.85
110	10.4	10.4	10.3	10.2	10.0	9.77	9.54	9.35	9.23	9.43	9.70	10.0	10.3	10.5	10.6	10.6	10.6	10.5	10.4
115	13.4	13.2	12.9	12.5	12.4	12.4	12.5	12.5	12.6	12.4	12.2	12.1	12.0	12.3	12.9	13.5	14.0	14.3	13.8
120	14.5	14.5	14.4	14.3	14.3	14.5	14.7	14.8	14.9	14.7	14.5	14.3	14.2	14.5	15.0	15.6	16.1	16.5	15.8
125	18.6	18.5	18.5	18.4	18.3	18.3	18.3	18.2	18.2	18.0	17.8	17.6	17.6	17.9	18.5	19.1	19.6	19.9	19.2
130	23.4	23.3	23.2	23.1	23.2	23.4	23.7	24.0	24.3	24.3	24.3	24.2	24.2	24.2	24.3	24.4	24.5	24.4	24.0
135	36.8	39.1	42.4	46.8	53.5	62.2	71.3	79.9	87.5	91.9	94.5	95.1	93.5	87.3	76.9	65.9	55.6	47.2	49.4
140	244	269	292	312	326	334	339	342	342	344	344	342	339	331	320	309	300	293	301
145	373	379	385	391	396	400	404	406	409	410	410	410	409	408	407	406	405	405	406
150	450	457	464	471	479	486	493	499	503	505	504	503	501	498	494	491	488	486	488
155	567	582	596	610	625	640	654	666	675	677	677	674	669	662	655	648	642	639	645
160	790	818	847	875	902	929	953	972	987	990	988	982	972	960	946	932	920	912	920
165	1171	1212	1252	1292	1332	1372	1408	1439	1463	1469	1468	1461	1448	1430	1407	1385	1365	1350	1358
170	1618	1663	1708	1750	1792	1833	1869	1901	1926	1937	1941	1939	1934	1923	1910	1896	1883	1874	1882
175	1980	2009	2039	2068	2100	2132	2163	2191	2216	2231	2242	2249	2253	2252	2248	2242	2236	2230	2234
180	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding 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	1868	1867	1864	1860	1853	1847	1840	1833	1828	1823	1820	1816	1813	1811	1809	1807	1807	1808	1809
5	1996	1993	1989	1983	1977	1968	1957	1944	1924	1902	1878	1854	1829	1806	1783	1759	1736	1710	1685
10	1772	1773	1773	1774	1776	1775	1771	1762	1741	1715	1685	1651	1614	1576	1535	1494	1452	1408	1366
15	1397	1401	1403	1405	1408	1407	1402	1392	1367	1336	1301	1263	1222	1181	1139	1097	1055	1015	976
20	983	985	987	989	991	991	987	979	962	941	916	889	859	829	797	765	734	705	678
25	672	673	675	676	679	680	679	675	665	651	636	619	603	586	569	552	535	517	500
30	484	488	491	493	493	492	491	488	483	477	470	463	455	448	440	431	423	413	404
35	382	383	384	386	388	389	390	390	388	385	380	376	372	367	363	358	352	345	337
40	332	332	331	331	330	330	328	326	325	322	317	310	296	277	255	230	205	170	141
45	131	135	137	137	134	129	122	114	101	87.0	72.9	59.6	49.7	43.5	38.9	35.8	34.0	32.9	32.6
50	28.2	27.0	25.9	25.5	25.9	26.3	26.8	27.2	26.6	25.8	25.0	24.1	23.5	23.2	23.0	22.9	22.9	22.9	23.0
55	20.3	19.3	18.3	17.8	18.0	18.3	18.6	19.0	18.9	18.8	18.6	18.5	18.5	18.7	18.8	18.9	19.0	18.6	18.2
60	17.4	16.5	15.7	15.2	15.1	15.1	15.2	15.3	15.3	15.3	15.4	15.4	15.5	15.7	15.9	16.0	16.1	16.0	15.8
65	14.5	14.0	13.5	13.3	13.4	13.6	13.8	13.9	13.9	13.8	13.7	13.7	13.8	14.2	14.5	14.8	15.0	14.7	14.3
70	11.9	11.8	11.7	11.5	11.3	11.0	10.8	10.6	10.8	11.0	11.2	11.5	11.6	11.6	11.6	11.5	11.3	11.1	10.8
75	10.5	10.5	10.4	10.1	9.79	9.47	9.21	9.03	9.27	9.60	9.97	10.3	10.5	10.6	10.5	10.4	10.3	10.3	10.2
80	7.41	7.52	7.60	7.58	7.48	7.36	7.25	7.17	7.26	7.38	7.52	7.66	7.76	7.81	7.85	7.88	7.90	7.94	7.96
85	5.38	5.51	5.62	5.64	5.57	5.48	5.39	5.31	5.36	5.43	5.51	5.58	5.59	5.55	5.49	5.44	5.39	5.43	5.48
90	4.41	4.50	4.57	4.59	4.56	4.51	4.46	4.42	4.44	4.47	4.49	4.52	4.51	4.46	4.41	4.37	4.33	4.34	4.36
95	4.70	4.80	4.90	4.91	4.84	4.76	4.66	4.58	4.57	4.57	4.58	4.60	4.61	4.62	4.63	4.64	4.66	4.68	4.71
100	6.41	6.43	6.44	6.42	6.38	6.33	6.28	6.24	6.23	6.24	6.25	6.27	6.29	6.30	6.32	6.34	6.38	6.45	6.53
105	8.78	8.69	8.59	8.43	8.24	8.06	7.91	7.82	7.94	8.10	8.30	8.49	8.61	8.65	8.68	8.70	8.72	8.83	8.94
110	10.3	10.1	9.97	9.74	9.48	9.23	9.03	8.89	9.03	9.23	9.46	9.71	9.88	9.96	10.0	10.0	10.0	9.98	9.91
115	13.0	12.2	11.3	10.8	10.6	10.5	10.5	10.5	10.5	10.4	10.4	10.4	10.5	10.7	10.9	11.0	11.1	11.0	10.8
120	15.1	14.2	13.4	12.9	12.9	13.0	13.2	13.4	13.4	13.5	13.5	13.5	13.3	13.1	12.9	12.7	12.6	13.0	13.5
125	18.4	17.5	16.7	16.3	16.4	16.6	16.9	17.2	17.1	17.0	16.8	16.6	16.4	16.2	16.0	15.8	15.6	15.6	15.7
130	23.6	23.2	22.7	22.4	22.3	22.2	22.2	22.1	22.2	22.3	22.3	22.2	21.8	21.2	20.5	19.9	19.4	19.6	19.9
135	53.7	58.9	63.9	65.2	62.3	58.4	53.9	49.2	46.7	44.4	42.3	40.2	37.6	34.5	31.6	29.2	27.3	27.2	27.8
140	312	324	335	341	340	336	330	320	307	292	274	254	229	199	171	145	124	116	114
145	408	409	411	412	412	411	410	407	401	394	387	380	375	371	367	363	357	342	327
150	492	495	498	499	498	495	492	488	482	476	470	462	454	446	438	429	421	415	408
155	653	662	669	672	668	663	655	645	633	621	607	592	576	560	544	528	513	501	490
160	932	944	955	959	954	946	934	919	900	879	855	829	801	771	741	712	685	665	649
165	1371	1386	1399	1403	1396	1385	1368	1346	1319	1288	1253	1215	1173	1128	1083	1038	997	964	936
170	1893	1904	1912	1910	1896	1877	1853	1825	1794	1760	1722	1681	1634	1583	1531	1480	1432	1395	1362
175	2237	2239	2239	2231	2215	2195	2172	2147	2121	2093	2064	2034	2002	1968	1935	1902	1872	1846	1823
180	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.95V I:0.1731A P:20.512W PF:0.9877 Freq:60.01Hz Lamp Flux:2058.8x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding 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	1811	1813	1816	1818	1820	1823	1827	1832	1838	1844	1850	1855	1859	1862	1865				
5	1662	1639	1620	1604	1590	1578	1569	1561	1555	1551	1549	1548	1548	1549	1552				
10	1325	1287	1255	1229	1206	1187	1171	1158	1146	1137	1131	1126	1123	1122	1124				
15	940	907	878	855	835	818	804	793	784	778	773	770	767	766	767				
20	652	629	610	596	584	574	565	558	551	546	543	540	538	537	537				
25	483	469	457	450	444	440	436	432	428	425	422	420	419	419	419				
30	395	387	381	377	374	371	369	366	364	362	359	357	353	350	346				
35	329	318	304	286	269	252	238	233	230	230	231	232	232	233	235				
40	114	90.5	105	150	198	241	271	225	167	108	57.6	40.5	61.8	106	172				
45	33.3	34.6	37.3	41.0	44.4	47.2	48.7	44.0	38.4	32.6	27.5	25.2	26.2	29.1	33.8				
50	23.2	23.5	24.2	25.2	26.1	26.8	27.1	25.7	24.1	22.6	21.2	20.8	21.3	22.5	24.3				
55	17.8	17.4	17.4	17.7	18.1	18.4	18.7	18.5	18.2	18.0	17.8	17.9	18.3	18.9	19.7				
60	15.6	15.4	15.2	14.9	14.7	14.5	14.4	14.4	14.4	14.6	14.9	15.3	15.9	16.6	17.4				
65	13.8	13.3	13.0	12.7	12.6	12.4	12.4	12.4	12.5	12.7	12.9	13.1	13.2	13.4	13.7				
70	10.6	10.3	10.0	9.81	9.63	9.53	9.51	9.77	10.1	10.5	10.8	11.1	11.3	11.4	11.5				
75	10.1	10.0	9.76	9.43	9.11	8.85	8.69	8.94	9.28	9.68	10.1	10.4	10.6	10.7	10.8				
80	7.98	7.97	7.93	7.85	7.76	7.68	7.60	7.59	7.59	7.61	7.64	7.68	7.73	7.80	7.88				
85	5.53	5.57	5.57	5.52	5.46	5.41	5.38	5.43	5.51	5.59	5.67	5.74	5.78	5.81	5.83				
90	4.38	4.41	4.40	4.37	4.35	4.34	4.36	4.48	4.63	4.79	4.94	5.05	5.12	5.15	5.16				
95	4.73	4.75	4.74	4.72	4.69	4.69	4.70	4.78	4.88	5.01	5.14	5.27	5.39	5.52	5.65				
100	6.60	6.66	6.65	6.59	6.53	6.49	6.49	6.65	6.85	7.07	7.29	7.46	7.57	7.65	7.70				
105	9.05	9.13	9.12	9.01	8.91	8.85	8.85	9.14	9.49	9.86	10.2	10.5	10.6	10.6	10.6				
110	9.81	9.67	9.40	9.02	8.66	8.39	8.24	8.61	9.10	9.65	10.2	10.6	10.9	11.1	11.2				
115	10.6	10.3	10.1	9.91	9.76	9.67	9.65	9.84	10.1	10.4	10.8	11.2	11.6	12.0	12.5				
120	14.0	14.5	14.7	14.8	14.7	14.6	14.4	13.8	13.2	12.8	12.5	12.8	13.5	14.5	15.9				
125	15.8	15.9	16.0	16.0	16.1	16.1	16.0	15.6	15.3	15.0	14.9	15.2	15.9	16.9	18.3				
130	20.4	21.0	21.5	22.0	22.4	22.7	22.8	21.8	20.8	20.0	19.5	19.9	21.3	23.4	26.1				
135	29.0	30.7	33.3	36.5	39.4	41.7	43.0	38.8	34.0	29.7	26.7	27.4	32.4	40.0	50.3				
140	119	131	162	208	253	288	309	252	185	119	64.8	52.7	88.0	152	245				
145	314	304	308	324	341	357	369	353	334	313	294	286	290	301	318				
150	403	397	392	387	382	379	377	379	382	385	389	392	393	394	394				
155	481	474	468	464	462	461	461	462	465	467	470	473	474	476	477				
160	634	623	613	604	597	593	590	591	593	596	601	605	610	616	622				
165	911	889	871	855	843	835	831	835	842	852	864	876	887	900	913				
170	1334	1310	1289	1270	1256	1247	1242	1248	1258	1272	1288	1304	1318	1334	1350				
175	1803	1785	1770	1757	1747	1742	1741	1750	1762	1778	1795	1811	1826	1840	1856				
180	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
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	1868	1869	1868	1867	1864	1860	1853	1847	1840	1833
2.5	1727	1726	1725	1723	1720	1715	1709	1703	1698	1693
5.0	1556	1554	1552	1549	1545	1540	1533	1526	1522	1519
7.5	1340	1338	1336	1333	1331	1326	1319	1314	1311	1310
10.0	1127	1125	1123	1121	1118	1114	1109	1105	1103	1104
12.5	934.6	931.5	928.6	925.9	923.5	920.1	916.1	913.4	912.5	914.1
15.0	768.4	765.9	763.4	761.0	758.7	755.3	751.1	748.1	746.9	748.3
17.5	635.4	633.5	631.8	630.1	628.6	626.2	623.3	621.3	620.8	622.4
20.0	539.0	537.8	536.7	535.8	535.1	533.9	532.4	531.6	531.9	533.7
22.5	465.8	465.7	465.6	465.5	465.4	464.8	463.9	463.5	463.8	465.1
25.0	419.4	418.6	417.7	416.7	415.7	414.1	412.1	410.5	409.6	409.7
27.5	376.4	375.8	375.1	374.2	373.1	371.3	369.0	367.0	365.5	364.8
30.0	342.3	345.2	347.2	348.2	348.4	346.8	343.7	340.5	337.6	335.6
32.5	317.1	319.4	320.8	321.8	322.2	320.6	317.6	314.7	312.3	311.1
35.0	236.5	225.6	222.9	220.5	218.3	248.0	296.8	346.9	392.1	426.2
37.5	185.1	127.2	91.07	79.50	78.21	117.7	190.4	267.6	339.0	394.2
40.0	261.0	170.6	103.7	60.21	40.19	60.48	116.0	179.8	241.8	291.9
42.5	104.8	71.85	48.11	33.56	28.21	39.25	64.54	92.53	118.9	139.3
45.0	40.47	33.64	28.71	25.67	24.53	26.74	31.85	37.56	43.00	47.31
47.5	30.21	26.62	23.98	22.32	21.61	22.58	25.00	27.76	30.43	32.59
50.0	26.70	24.00	21.92	20.44	19.58	19.71	20.71	21.99	23.30	24.43
52.5	24.11	22.03	20.33	19.04	18.13	17.82	18.03	18.47	19.01	19.53
55.0	20.70	19.48	18.45	17.61	16.96	16.55	16.38	16.34	16.40	16.53
57.5	18.19	17.35	16.68	16.17	15.81	15.68	15.75	15.92	16.16	16.41
60.0	18.39	17.22	16.26	15.51	14.97	14.72	14.74	14.89	15.11	15.36
62.5	16.94	16.16	15.46	14.84	14.29	13.80	13.38	13.05	12.82	12.70
65.0	13.89	13.86	13.77	13.63	13.43	13.11	12.68	12.26	11.89	11.62
67.5	12.26	12.71	13.00	13.13	13.09	12.76	12.18	11.56	10.95	10.45
70.0	11.49	11.95	12.25	12.38	12.36	12.04	11.48	10.86	10.28	9.802
72.5	12.11	12.34	12.44	12.42	12.27	11.88	11.28	10.66	10.10	9.654
75.0	10.78	10.82	10.82	10.78	10.70	10.54	10.31	10.08	9.856	9.673
77.5	9.305	9.322	9.307	9.260	9.182	9.040	8.845	8.647	8.464	8.316
80.0	7.964	7.957	7.925	7.868	7.786	7.652	7.475	7.298	7.135	7.003
82.5	6.891	6.879	6.843	6.783	6.698	6.567	6.395	6.220	6.057	5.918
85.0	5.841	5.781	5.709	5.626	5.532	5.408	5.261	5.119	4.992	4.891
87.5	5.188	5.222	5.232	5.217	5.178	5.093	4.969	4.839	4.714	4.607
90.0	5.142	5.178	5.188	5.173	5.132	5.049	4.928	4.797	4.667	4.548
92.5	5.088	5.064	5.030	4.987	4.933	4.857	4.763	4.670	4.586	4.519
95.0	5.786	5.779	5.757	5.721	5.671	5.593	5.490	5.386	5.291	5.212
97.5	6.784	6.830	6.845	6.829	6.781	6.675	6.518	6.355	6.202	6.075
100.0	7.728	7.815	7.859	7.858	7.814	7.681	7.474	7.262	7.072	6.931
102.5	9.154	9.233	9.262	9.241	9.171	9.000	8.744	8.485	8.253	8.079
105.0	10.51	10.78	10.90	10.87	10.70	10.24	9.519	8.787	8.127	7.628
107.5	11.79	11.60	11.34	11.01	10.61	10.03	9.315	8.619	8.006	7.538
110.0	11.22	10.92	10.62	10.31	9.992	9.625	9.220	8.848	8.534	8.304
112.5	11.98	11.41	10.90	10.46	10.08	9.768	9.518	9.335	9.220	9.174
115.0	12.94	12.28	11.75	11.37	11.12	11.10	11.27	11.51	11.77	12.00
117.5	15.87	14.57	13.55	12.80	12.33	12.26	12.55	13.01	13.55	14.12
120.0	17.63	16.24	15.10	14.21	13.57	13.28	13.31	13.50	13.77	14.07
122.5	17.35	16.41	15.68	15.15	14.83	14.85	15.15	15.55	15.97	16.33
125.0	19.85	18.51	17.50	16.80	16.43	16.60	17.23	18.00	18.77	19.42
127.5	24.53	22.24	20.49	19.27	18.58	18.76	19.70	20.88	22.08	23.11
130.0	29.44	26.31	23.88	22.16	21.16	21.30	22.46	23.94	25.48	26.84
132.5	39.13	33.42	29.04	26.00	24.28	24.74	27.13	30.08	33.09	35.66
135.0	63.29	49.00	38.32	31.25	27.80	30.49	38.56	47.96	57.18	64.70
137.5	216.5	144.2	89.92	53.76	35.69	48.68	88.84	135.4	180.6	216.6
140.0	367.3	247.4	155.4	91.34	55.13	65.04	115.6	177.6	240.3	292.5
142.5	500.4	391.7	301.7	230.5	177.9	151.2	151.8	160.3	174.1	195.9
145.0	343.0	330.5	319.6	310.1	302.3	295.3	289.3	285.5	284.2	286.0
147.5	365.9	362.1	358.9	356.4	354.4	352.8	351.7	351.4	351.8	353.2
150.0	393.1	388.6	384.7	381.6	379.2	377.4	376.3	376.0	376.5	377.9
152.5	431.7	425.7	420.6	416.5	413.4	411.2	410.0	409.8	410.6	412.4
155.0	477.7	471.6	466.6	462.6	459.6	457.5	456.4	456.5	457.6	460.0
157.5	537.8	531.7	526.7	522.8	520.1	518.4	517.8	518.4	520.4	523.8
160.0	628.5	618.5	610.5	604.5	600.5	598.7	599.0	601.2	605.1	610.6
162.5	760.4	744.6	731.8	721.9	715.0	711.3	710.7	712.9	717.6	724.7
165.0	927.0	906.6	890.0	877.3	868.4	863.8	863.2	866.2	872.5	881.8
167.5	1135	1111	1091	1076	1065	1060	1060	1063	1071	1081
170.0	1367	1341	1319	1302	1290	1283	1282	1284	1291	1301
172.5	1625	1596	1572	1553	1539	1531	1527	1529	1534	1543
175.0	1871	1843	1819	1800	1785	1774	1768	1765	1766	1771
177.5	2076	2051	2029	2010	1995	1983	1975	1970	1967	1967
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:
 Test Date:21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:8.050m [K=1.2422]
 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	1828	1823	1820	1816	1813	1811	1809	1807	1807	1808
2.5	1694	1695	1699	1704	1709	1716	1724	1734	1745	1759
5.0	1524	1531	1541	1553	1566	1580	1596	1615	1635	1661
7.5	1317	1328	1342	1359	1377	1398	1421	1447	1476	1511
10.0	1111	1122	1136	1153	1173	1195	1221	1250	1282	1324
12.5	921.4	931.7	945.1	961.4	980.0	1001	1025	1053	1084	1125
15.0	755.7	766.1	779.3	795.1	812.2	830.8	852.2	876.7	904.9	942.1
17.5	629.0	638.1	649.4	662.7	676.8	691.8	709.2	729.4	753.1	785.3
20.0	538.8	545.6	554.1	564.2	575.1	586.9	600.7	616.7	635.5	660.9
22.5	468.9	474.0	480.3	487.8	495.8	504.5	514.6	526.5	540.4	559.5
25.0	412.1	415.8	420.5	426.2	432.6	439.5	447.5	456.9	467.6	481.8
27.5	366.1	368.5	372.0	376.6	382.3	389.0	396.7	405.4	414.9	425.9
30.0	337.3	340.1	343.9	348.4	353.0	357.5	362.6	368.4	374.9	383.7
32.5	314.7	319.5	325.2	331.2	336.1	339.8	343.4	347.3	351.4	357.4
35.0	404.2	371.0	332.6	295.0	278.3	267.5	259.7	251.5	243.2	235.0
37.5	359.5	307.6	247.8	189.6	163.9	175.5	197.6	220.9	249.8	269.7
40.0	263.1	219.8	169.6	120.1	95.23	97.62	108.7	126.2	147.8	166.2
42.5	124.7	103.3	78.30	53.21	37.70	33.26	33.18	37.07	44.52	55.24
45.0	44.76	40.86	36.23	31.52	28.58	27.70	27.56	28.10	29.20	29.50
47.5	31.56	29.89	27.85	25.73	24.33	23.77	23.51	23.54	23.81	24.28
50.0	24.00	23.29	22.42	21.53	21.00	20.90	20.91	21.02	21.20	21.26
52.5	19.39	19.17	18.91	18.66	18.56	18.65	18.77	18.92	19.07	19.06
55.0	16.59	16.66	16.76	16.86	16.97	17.09	17.19	17.27	17.33	17.24
57.5	16.55	16.67	16.74	16.77	16.69	16.51	16.29	16.06	15.83	15.68
60.0	15.37	15.37	15.36	15.36	15.43	15.55	15.68	15.81	15.92	15.96
62.5	12.86	13.11	13.40	13.69	13.86	13.89	13.88	13.82	13.72	13.52
65.0	11.75	11.98	12.26	12.55	12.73	12.78	12.78	12.75	12.68	12.57
67.5	10.48	10.66	10.92	11.25	11.56	11.84	12.08	12.28	12.41	12.33
70.0	9.893	10.12	10.44	10.82	11.14	11.39	11.61	11.77	11.87	11.79
72.5	9.828	10.13	10.51	10.90	11.10	11.10	11.04	10.94	10.83	10.79
75.0	9.691	9.749	9.828	9.907	9.921	9.861	9.784	9.697	9.608	9.560
77.5	8.337	8.395	8.471	8.550	8.577	8.546	8.498	8.437	8.367	8.306
80.0	7.022	7.071	7.135	7.195	7.194	7.127	7.046	6.960	6.879	6.852
82.5	5.905	5.919	5.945	5.971	5.943	5.861	5.775	5.697	5.637	5.674
85.0	4.901	4.935	4.983	5.031	5.039	5.003	4.958	4.908	4.859	4.829
87.5	4.600	4.613	4.635	4.657	4.642	4.587	4.527	4.468	4.416	4.412
90.0	4.503	4.474	4.454	4.438	4.402	4.344	4.290	4.245	4.213	4.241
92.5	4.531	4.559	4.593	4.625	4.621	4.580	4.530	4.477	4.427	4.406
95.0	5.221	5.246	5.276	5.302	5.281	5.213	5.138	5.066	5.006	5.017
97.5	6.093	6.138	6.195	6.248	6.236	6.157	6.068	5.980	5.906	5.921
100.0	7.038	7.191	7.364	7.529	7.591	7.544	7.464	7.360	7.245	7.159
102.5	8.196	8.370	8.567	8.755	8.821	8.756	8.656	8.535	8.408	8.369
105.0	7.918	8.377	8.922	9.473	9.770	9.786	9.727	9.617	9.484	9.482
107.5	7.637	7.894	8.256	8.674	9.036	9.308	9.541	9.722	9.836	9.760
110.0	8.329	8.445	8.636	8.882	9.172	9.485	9.792	10.07	10.30	10.36
112.5	9.237	9.358	9.528	9.734	9.973	10.23	10.49	10.73	10.93	11.02
115.0	11.84	11.64	11.47	11.36	11.57	12.09	12.65	13.17	13.59	13.45
117.5	14.42	14.65	14.80	14.85	14.68	14.32	13.91	13.51	13.16	13.17
120.0	14.08	14.07	14.05	14.03	14.09	14.23	14.37	14.49	14.59	14.54
122.5	16.17	15.94	15.67	15.44	15.43	15.65	15.91	16.19	16.43	16.43
125.0	19.13	18.67	18.15	17.64	17.48	17.68	17.96	18.26	18.56	18.57
127.5	22.72	22.07	21.30	20.52	20.17	20.28	20.49	20.75	20.99	20.95
130.0	26.50	25.84	25.00	24.11	23.59	23.49	23.48	23.52	23.58	23.43
132.5	34.76	33.19	31.21	29.11	27.61	26.87	26.41	26.23	26.35	26.97
135.0	60.91	54.89	47.67	40.25	35.51	33.88	33.39	33.90	35.30	36.78
137.5	192.1	156.5	115.5	74.87	51.99	48.97	53.41	64.33	80.06	100.4
140.0	262.8	219.8	171.5	125.9	109.8	132.1	157.8	184.5	217.4	243.6
142.5	204.0	212.6	222.2	232.9	246.7	263.2	280.5	297.9	314.8	329.3
145.0	295.9	308.2	321.7	335.3	345.6	352.1	357.6	362.5	367.1	373.3
147.5	356.1	359.9	364.4	369.7	375.7	382.4	389.4	396.4	403.3	409.2
150.0	380.0	383.3	387.6	393.1	400.7	410.3	420.6	431.1	441.5	449.6
152.5	415.0	418.7	423.7	430.1	439.0	450.1	462.2	474.9	487.7	498.9
155.0	463.1	467.6	473.6	481.4	492.2	505.8	520.7	536.5	552.6	567.3
157.5	528.1	534.2	542.1	552.1	565.5	582.2	600.7	620.4	641.1	661.5
160.0	615.9	623.1	632.7	644.9	662.0	683.7	707.9	734.1	761.7	789.9
162.5	732.1	742.1	755.4	772.4	795.9	825.7	858.6	893.7	930.0	965.0
165.0	891.9	905.2	922.4	943.7	972.3	1008	1047	1088	1130	1171
167.5	1092	1107	1125	1147	1177	1214	1254	1297	1343	1389
170.0	1311	1325	1343	1365	1397	1436	1480	1526	1573	1618
172.5	1553	1567	1584	1606	1634	1668	1706	1745	1785	1822
175.0	1778	1787	1801	1817	1838	1863	1891	1920	1951	1980
177.5	1967	1969	1973	1979	1990	2003	2019	2035	2053	2069
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:
 Test Date:21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:8.050m [K=1.2422]
 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	1809	1811	1813	1816	1818	1820	1823	1827	1832	1838
2.5	1774	1791	1807	1823	1837	1851	1864	1878	1893	1908
5.0	1688	1716	1745	1771	1795	1818	1840	1862	1885	1908
7.5	1547	1584	1622	1656	1688	1717	1746	1773	1799	1823
10.0	1367	1411	1455	1495	1531	1564	1594	1623	1650	1674
12.5	1168	1212	1257	1300	1340	1378	1413	1446	1474	1498
15.0	982.1	1024	1066	1106	1143	1179	1212	1244	1272	1297
17.5	820.3	856.9	894.1	929.4	962.2	993.6	1023	1051	1077	1101
20.0	688.5	717.4	746.8	774.8	800.7	825.6	849.5	872.2	894.2	914.6
22.5	580.2	601.9	623.9	644.4	663.1	681.2	698.8	715.9	734.4	752.1
25.0	497.1	513.1	529.4	545.0	559.6	573.8	587.5	600.8	614.3	626.9
27.5	437.5	449.4	461.3	472.4	482.7	492.6	502.2	511.5	521.3	530.6
30.0	393.1	402.7	412.2	420.5	427.5	434.1	440.4	446.5	453.9	461.0
32.5	363.6	369.9	376.0	381.2	385.2	389.0	392.7	396.6	402.2	407.9
35.0	340.7	345.4	349.2	352.2	354.6	356.7	358.8	360.9	364.9	368.9
37.5	288.5	305.7	320.6	330.6	335.5	338.2	339.3	339.4	340.8	341.9
40.0	185.9	206.2	226.7	246.4	264.9	281.7	296.5	308.6	313.7	316.5
42.5	68.69	84.47	102.1	122.0	143.5	164.9	185.3	203.8	215.5	224.9
45.0	30.60	32.83	36.51	43.47	53.58	64.73	76.33	87.78	97.21	105.7
47.5	24.95	25.82	26.85	28.16	29.68	31.21	32.66	33.95	34.38	34.65
50.0	21.36	21.53	21.77	22.20	22.80	23.44	24.06	24.64	24.79	24.91
52.5	19.05	19.06	19.11	19.31	19.66	20.02	20.35	20.62	20.43	20.22
55.0	17.14	17.05	17.00	17.10	17.35	17.62	17.89	18.12	17.98	17.84
57.5	15.55	15.45	15.39	15.38	15.43	15.51	15.60	15.71	15.66	15.65
60.0	15.98	15.96	15.90	15.77	15.58	15.37	15.16	14.95	14.69	14.50
62.5	13.31	13.13	12.99	13.04	13.28	13.54	13.80	14.02	13.80	13.58
65.0	12.43	12.29	12.13	11.96	11.79	11.64	11.54	11.50	11.59	11.75
67.5	12.19	11.99	11.76	11.50	11.21	10.96	10.75	10.62	10.74	10.94
70.0	11.65	11.46	11.24	11.00	10.76	10.55	10.37	10.25	10.30	10.42
72.5	10.75	10.68	10.59	10.41	10.13	9.872	9.659	9.526	9.693	9.949
75.0	9.515	9.470	9.421	9.329	9.201	9.093	9.024	9.013	9.224	9.486
77.5	8.241	8.170	8.094	7.985	7.852	7.737	7.655	7.624	7.781	7.982
80.0	6.834	6.821	6.808	6.767	6.700	6.643	6.604	6.595	6.705	6.840
82.5	5.731	5.795	5.856	5.867	5.829	5.789	5.757	5.746	5.846	5.964
85.0	4.806	4.790	4.781	4.780	4.788	4.807	4.837	4.881	4.974	5.073
87.5	4.417	4.428	4.442	4.443	4.429	4.417	4.410	4.412	4.460	4.512
90.0	4.280	4.325	4.369	4.383	4.368	4.349	4.333	4.327	4.383	4.445
92.5	4.391	4.380	4.371	4.352	4.326	4.305	4.292	4.292	4.356	4.425
95.0	5.041	5.073	5.106	5.115	5.098	5.079	5.062	5.053	5.109	5.165
97.5	5.951	5.989	6.026	6.028	5.994	5.955	5.919	5.892	5.937	5.987
100.0	7.074	6.992	6.915	6.843	6.779	6.727	6.689	6.669	6.715	6.770
102.5	8.330	8.282	8.217	8.075	7.862	7.650	7.459	7.313	7.375	7.477
105.0	9.470	9.433	9.359	9.151	8.819	8.485	8.185	7.957	8.057	8.233
107.5	9.627	9.458	9.274	9.123	9.020	8.941	8.891	8.876	8.939	9.035
110.0	10.36	10.30	10.19	10.01	9.767	9.535	9.346	9.230	9.431	9.700
112.5	11.06	11.07	11.05	10.99	10.91	10.82	10.75	10.71	10.79	10.91
115.0	13.18	12.85	12.52	12.36	12.39	12.45	12.53	12.59	12.41	12.23
117.5	13.24	13.37	13.50	13.58	13.57	13.54	13.48	13.41	13.18	12.99
120.0	14.45	14.37	14.30	14.34	14.49	14.66	14.80	14.91	14.71	14.50
122.5	16.39	16.31	16.23	16.21	16.26	16.31	16.35	16.36	16.15	15.95
125.0	18.54	18.47	18.37	18.31	18.29	18.26	18.21	18.16	17.95	17.76
127.5	20.85	20.72	20.56	20.43	20.33	20.23	20.14	20.07	19.94	19.84
130.0	23.28	23.16	23.09	23.18	23.43	23.71	24.00	24.26	24.29	24.28
132.5	27.81	28.79	29.86	30.88	31.80	32.65	33.41	34.03	34.37	34.57
135.0	39.13	42.42	46.77	53.47	62.25	71.26	79.88	87.47	91.90	94.50
137.5	123.2	147.0	170.4	190.0	205.0	217.3	226.6	232.8	234.4	232.9
140.0	268.7	291.8	312.1	326.3	334.5	339.5	341.9	342.4	343.7	343.6
142.5	342.5	354.0	363.7	370.3	373.7	375.6	376.2	375.9	376.1	375.9
145.0	379.5	385.4	391.0	395.9	400.0	403.6	406.4	408.6	409.5	409.9
147.5	414.9	420.4	425.7	431.3	437.2	442.6	447.3	450.9	451.8	451.7
150.0	457.2	464.5	471.3	478.6	486.2	493.0	498.9	503.5	504.6	504.4
152.5	509.9	520.5	530.8	541.4	552.2	561.9	570.1	576.5	577.9	577.3
155.0	581.8	596.2	610.3	625.1	640.3	654.2	666.1	675.3	677.3	676.6
157.5	682.0	702.6	722.8	743.6	764.4	783.2	799.3	811.7	814.7	813.9
160.0	818.5	846.9	874.7	902.3	928.8	952.5	972.3	987.2	990.0	987.9
162.5	1000	1035	1068	1102	1134	1164	1189	1207	1212	1211
165.0	1212	1252	1292	1332	1372	1408	1439	1463	1469	1468
167.5	1436	1483	1528	1573	1615	1653	1685	1710	1718	1720
170.0	1663	1708	1750	1792	1833	1869	1901	1926	1937	1941
172.5	1858	1894	1930	1967	2005	2040	2072	2099	2113	2121
175.0	2009	2039	2068	2100	2132	2163	2191	2216	2231	2242
177.5	2086	2104	2122	2141	2162	2183	2204	2223	2238	2251
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
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	1844	1850	1855	1859	1863	1866	1868	1869	1868	1867
2.5	1922	1935	1946	1955	1962	1968	1972	1974	1976	1975
5.0	1929	1948	1963	1975	1984	1990	1995	1996	1996	1993
7.5	1846	1865	1881	1892	1901	1908	1912	1915	1917	1917
10.0	1696	1715	1731	1743	1753	1760	1766	1770	1772	1773
12.5	1520	1539	1555	1568	1578	1587	1594	1601	1607	1611
15.0	1320	1340	1355	1366	1375	1382	1387	1393	1397	1401
17.5	1121	1139	1152	1161	1167	1171	1174	1179	1183	1185
20.0	932.8	948.5	959.7	966.5	971.0	974.0	975.9	979.7	982.9	985.5
22.5	768.4	782.7	793.1	799.4	803.7	806.7	808.7	812.1	815.0	817.3
25.0	638.5	648.6	656.0	660.7	664.0	666.2	667.8	670.0	671.9	673.4
27.5	539.0	546.3	551.3	553.9	555.5	556.7	557.7	560.8	564.0	566.9
30.0	467.5	473.1	476.4	477.3	477.6	477.6	477.8	481.0	484.5	487.9
32.5	413.2	417.9	420.5	421.1	421.1	421.1	421.3	424.6	428.2	431.7
35.0	372.9	376.5	378.8	379.7	380.3	380.5	380.7	381.4	382.3	383.2
37.5	342.9	343.9	345.5	347.7	349.8	351.7	353.2	353.0	352.5	351.9
40.0	317.5	317.7	319.2	322.3	325.4	328.1	330.5	331.4	331.7	331.6
42.5	232.2	238.0	242.7	246.8	250.2	253.1	255.8	260.7	265.2	268.8
45.0	113.1	119.2	122.7	123.7	123.8	123.6	123.5	127.3	131.2	134.5
47.5	34.86	35.09	35.82	37.04	38.22	39.24	39.95	39.27	38.32	37.26
50.0	25.06	25.31	26.05	27.25	28.42	29.42	30.10	29.31	28.24	27.05
52.5	20.05	20.01	20.53	21.57	22.63	23.55	24.19	23.42	22.38	21.24
55.0	17.76	17.79	18.33	19.34	20.37	21.26	21.89	21.22	20.29	19.25
57.5	15.72	15.92	16.55	17.57	18.58	19.47	20.10	19.53	18.72	17.78
60.0	14.42	14.48	15.03	16.00	16.99	17.89	18.55	18.08	17.37	16.54
62.5	13.41	13.38	13.90	14.95	16.03	17.00	17.74	17.24	16.48	15.60
65.0	11.99	12.31	12.82	13.48	14.13	14.70	15.11	14.85	14.45	13.98
67.5	11.19	11.48	11.76	12.04	12.29	12.50	12.67	12.68	12.64	12.55
70.0	10.58	10.78	11.00	11.23	11.46	11.66	11.82	11.87	11.87	11.81
72.5	10.27	10.62	10.99	11.34	11.65	11.89	12.04	11.86	11.59	11.26
75.0	9.773	10.06	10.27	10.39	10.48	10.53	10.55	10.56	10.53	10.46
77.5	8.203	8.422	8.564	8.623	8.658	8.679	8.693	8.769	8.837	8.887
80.0	6.984	7.122	7.196	7.205	7.201	7.195	7.200	7.304	7.415	7.517
82.5	6.086	6.198	6.244	6.222	6.190	6.162	6.149	6.261	6.385	6.506
85.0	5.167	5.249	5.271	5.234	5.192	5.155	5.138	5.251	5.381	5.509
87.5	4.561	4.598	4.582	4.516	4.446	4.386	4.348	4.436	4.543	4.656
90.0	4.503	4.550	4.539	4.473	4.399	4.331	4.280	4.338	4.414	4.496
92.5	4.489	4.535	4.509	4.412	4.306	4.206	4.128	4.184	4.264	4.355
95.0	5.210	5.231	5.162	5.007	4.842	4.687	4.562	4.617	4.704	4.803
97.5	6.031	6.058	6.015	5.903	5.780	5.660	5.559	5.577	5.616	5.665
100.0	6.823	6.860	6.831	6.735	6.626	6.516	6.417	6.407	6.412	6.426
102.5	7.598	7.711	7.734	7.661	7.564	7.458	7.354	7.324	7.303	7.287
105.0	8.453	8.685	8.839	8.899	8.927	8.926	8.899	8.852	8.784	8.695
107.5	9.156	9.295	9.469	9.665	9.836	9.962	10.02	9.845	9.605	9.328
110.0	10.00	10.30	10.49	10.56	10.58	10.55	10.49	10.40	10.28	10.13
112.5	11.04	11.19	11.35	11.50	11.62	11.70	11.71	11.52	11.27	10.98
115.0	12.09	12.04	12.32	12.92	13.52	14.02	14.34	13.77	13.02	12.18
117.5	12.86	12.86	13.30	14.16	15.01	15.74	16.21	15.43	14.42	13.33
120.0	14.31	14.20	14.45	15.05	15.64	16.14	16.46	15.85	15.05	14.19
122.5	15.78	15.70	15.98	16.60	17.21	17.73	18.05	17.40	16.58	15.69
125.0	17.62	17.57	17.86	18.46	19.06	19.57	19.88	19.24	18.42	17.53
127.5	19.80	19.84	20.15	20.70	21.24	21.68	21.94	21.34	20.58	19.76
130.0	24.24	24.19	24.22	24.33	24.42	24.46	24.41	24.05	23.62	23.16
132.5	34.60	34.49	34.15	33.59	32.99	32.40	31.88	31.86	31.93	32.01
135.0	95.09	93.52	87.27	76.88	65.92	55.63	47.24	49.43	53.67	58.86
137.5	228.7	222.0	211.0	196.4	182.2	169.9	161.1	168.7	179.5	191.5
140.0	342.0	338.6	331.1	319.9	309.0	299.7	293.5	301.5	312.2	323.9
142.5	375.5	374.9	374.3	373.8	373.3	373.0	373.0	374.0	375.1	376.1
145.0	409.7	409.2	408.3	407.2	406.2	405.4	404.9	406.2	407.7	409.3
147.5	450.8	449.3	447.2	445.0	442.8	440.9	439.6	441.0	442.9	445.0
150.0	503.1	500.9	497.8	494.2	490.7	487.8	485.8	488.3	491.6	495.1
152.5	575.2	571.8	567.2	561.8	556.7	552.4	549.7	553.9	559.2	564.8
155.0	673.6	668.9	662.5	655.1	648.2	642.5	638.9	645.3	653.4	661.8
157.5	810.0	803.5	794.2	782.9	772.1	763.0	757.0	765.5	776.4	788.0
160.0	981.7	972.4	960.0	945.7	931.8	920.1	911.9	920.3	931.7	943.9
162.5	1205	1194	1178	1159	1139	1122	1109	1117	1129	1142
165.0	1461	1448	1430	1407	1385	1365	1350	1358	1371	1386
167.5	1715	1705	1689	1669	1649	1631	1617	1629	1643	1659
170.0	1939	1934	1923	1910	1896	1883	1874	1882	1893	1904
172.5	2125	2123	2116	2105	2092	2080	2070	2077	2087	2096
175.0	2249	2253	2252	2248	2242	2236	2230	2234	2237	2239
177.5	2263	2272	2280	2287	2292	2294	2294	2288	2279	2268
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
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	1864	1860	1853	1847	1840	1833	1828	1823	1820	1816
2.5	1972	1967	1960	1951	1940	1928	1914	1900	1886	1871
5.0	1989	1983	1977	1968	1957	1944	1924	1902	1878	1854
7.5	1914	1910	1905	1896	1885	1871	1851	1827	1801	1773
10.0	1773	1774	1776	1775	1771	1762	1741	1715	1685	1651
12.5	1613	1616	1618	1616	1611	1600	1576	1546	1511	1473
15.0	1403	1405	1408	1407	1402	1392	1367	1336	1301	1263
17.5	1187	1189	1191	1190	1185	1175	1152	1125	1093	1059
20.0	987.2	989.2	991.0	990.5	987.0	979.5	962.3	941.0	916.3	888.9
22.5	818.8	820.3	821.5	820.9	817.8	811.6	797.7	780.6	761.0	739.3
25.0	674.5	676.4	678.7	679.7	678.8	675.3	664.6	651.4	636.1	619.4
27.5	569.5	571.7	573.3	573.6	572.5	569.4	561.7	552.2	541.4	529.6
30.0	490.9	492.6	493.0	492.3	490.5	487.7	482.8	477.0	470.4	463.1
32.5	434.9	436.6	436.9	436.2	434.6	432.1	427.9	423.1	417.6	411.7
35.0	384.2	385.7	387.6	389.2	390.2	390.4	387.9	384.6	380.5	375.9
37.5	351.4	352.0	353.7	355.3	356.5	357.2	356.3	354.4	351.4	347.4
40.0	331.1	330.7	330.4	329.6	328.3	326.2	325.0	322.2	317.3	309.5
42.5	271.2	271.3	269.1	264.7	258.2	249.3	237.0	222.5	205.9	187.2
45.0	136.9	136.7	133.7	129.0	122.3	113.9	100.9	86.99	72.94	59.64
47.5	36.27	36.05	36.62	37.25	37.79	38.07	37.10	35.80	34.29	32.64
50.0	25.92	25.52	25.87	26.35	26.82	27.17	26.59	25.83	24.99	24.15
52.5	20.17	19.75	20.03	20.48	20.99	21.46	21.37	21.19	20.95	20.71
55.0	18.26	17.82	17.97	18.26	18.63	18.98	18.91	18.79	18.64	18.50
57.5	16.85	16.37	16.37	16.49	16.69	16.90	16.85	16.78	16.72	16.68
60.0	15.69	15.20	15.09	15.10	15.18	15.30	15.32	15.34	15.38	15.43
62.5	14.70	14.18	14.09	14.12	14.25	14.43	14.52	14.62	14.75	14.89
65.0	13.52	13.32	13.41	13.57	13.75	13.93	13.87	13.79	13.72	13.69
67.5	12.42	12.24	12.03	11.83	11.66	11.57	11.74	11.96	12.22	12.46
70.0	11.72	11.53	11.26	11.00	10.77	10.61	10.76	10.98	11.22	11.46
72.5	10.92	10.62	10.41	10.24	10.13	10.09	10.27	10.50	10.75	10.98
75.0	10.35	10.12	9.792	9.472	9.205	9.032	9.274	9.603	9.971	10.33
77.5	8.908	8.828	8.656	8.483	8.335	8.242	8.414	8.638	8.885	9.125
80.0	7.598	7.584	7.480	7.363	7.254	7.174	7.259	7.377	7.515	7.657
82.5	6.605	6.608	6.514	6.404	6.298	6.216	6.293	6.398	6.513	6.622
85.0	5.620	5.640	5.569	5.479	5.389	5.313	5.363	5.432	5.507	5.577
87.5	4.758	4.793	4.757	4.704	4.644	4.587	4.591	4.604	4.623	4.643
90.0	4.571	4.592	4.559	4.513	4.464	4.421	4.440	4.467	4.495	4.517
92.5	4.443	4.479	4.459	4.427	4.391	4.357	4.369	4.387	4.408	4.428
95.0	4.896	4.910	4.841	4.755	4.664	4.580	4.566	4.567	4.579	4.598
97.5	5.712	5.713	5.665	5.608	5.550	5.498	5.505	5.518	5.533	5.542
100.0	6.439	6.423	6.377	6.327	6.278	6.237	6.232	6.237	6.251	6.270
102.5	7.270	7.224	7.151	7.080	7.020	6.979	7.006	7.056	7.122	7.202
105.0	8.587	8.431	8.239	8.059	7.913	7.820	7.936	8.103	8.296	8.493
107.5	9.039	8.777	8.565	8.402	8.305	8.291	8.544	8.859	9.200	9.531
110.0	9.966	9.741	9.475	9.229	9.027	8.894	9.028	9.228	9.463	9.706
112.5	10.66	10.34	10.02	9.736	9.507	9.351	9.426	9.572	9.768	9.990
115.0	11.34	10.81	10.61	10.52	10.50	10.52	10.46	10.41	10.40	10.41
117.5	12.31	11.93	12.21	12.64	13.12	13.55	13.41	13.17	12.86	12.53
120.0	13.36	12.92	12.90	13.00	13.18	13.39	13.44	13.48	13.48	13.45
122.5	14.85	14.47	14.57	14.79	15.06	15.32	15.21	15.04	14.83	14.60
125.0	16.70	16.32	16.42	16.65	16.92	17.19	17.12	16.99	16.82	16.61
127.5	18.98	18.61	18.67	18.86	19.10	19.35	19.42	19.43	19.38	19.26
130.0	22.72	22.42	22.28	22.19	22.15	22.14	22.21	22.27	22.28	22.21
132.5	32.05	31.87	31.43	30.92	30.37	29.79	29.45	29.07	28.62	28.06
135.0	63.93	65.18	62.31	58.38	53.86	49.20	46.69	44.42	42.30	40.22
137.5	202.9	207.9	205.8	200.6	192.5	181.9	168.5	153.3	136.9	119.6
140.0	334.9	340.6	340.0	336.4	329.7	320.1	307.4	292.0	274.2	254.0
142.5	376.8	376.8	376.0	374.6	372.7	370.1	368.8	366.4	362.2	355.9
145.0	410.8	411.7	411.9	411.3	409.7	407.0	401.2	394.5	387.3	380.0
147.5	446.9	447.9	447.8	446.8	444.9	441.9	436.2	429.6	422.5	415.2
150.0	498.2	499.2	497.9	495.5	492.0	487.6	482.3	476.3	469.6	462.3
152.5	569.8	571.4	569.2	565.3	559.9	553.1	545.2	536.3	526.6	516.3
155.0	669.3	671.6	668.4	662.7	654.7	644.8	633.5	620.7	606.8	592.0
157.5	798.2	801.4	796.9	788.9	777.9	764.4	749.1	732.0	713.4	693.6
160.0	955.0	958.8	954.4	946.1	934.1	918.8	900.0	878.5	854.7	828.9
162.5	1154	1158	1152	1142	1128	1110	1087	1062	1033	1002
165.0	1399	1403	1396	1385	1368	1346	1319	1288	1253	1215
167.5	1672	1673	1662	1644	1620	1592	1561	1526	1488	1446
170.0	1912	1910	1896	1877	1853	1825	1794	1760	1722	1681
172.5	2102	2098	2085	2066	2043	2016	1989	1959	1927	1892
175.0	2239	2231	2215	2195	2172	2147	2121	2093	2064	2034
177.5	2256	2243	2231	2217	2203	2187	2170	2152	2134	2114
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:
 Test Date:21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:8.050m [K=1.2422]
 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	1813	1811	1809	1807	1807	1808	1809	1811	1813	1816
2.5	1856	1843	1830	1817	1804	1791	1778	1765	1754	1744
5.0	1829	1806	1783	1759	1736	1710	1685	1662	1639	1620
7.5	1745	1715	1685	1653	1620	1584	1547	1511	1478	1449
10.0	1614	1576	1535	1494	1452	1408	1366	1325	1287	1255
12.5	1432	1389	1344	1299	1254	1210	1167	1126	1089	1058
15.0	1222	1181	1139	1097	1055	1015	976.3	940.0	906.7	878.2
17.5	1024	987.9	951.6	915.2	879.2	844.1	810.4	778.8	749.9	725.6
20.0	859.4	828.6	797.0	765.3	734.2	705.1	677.7	652.2	629.2	610.4
22.5	716.6	693.3	669.6	645.6	622.0	598.9	577.0	556.5	538.0	523.1
25.0	602.6	586.2	569.4	552.4	535.4	517.3	499.8	483.4	468.6	457.4
27.5	517.8	506.5	494.8	483.0	471.0	457.5	444.4	432.1	421.1	413.2
30.0	455.5	447.8	439.8	431.5	422.9	413.4	404.0	395.0	386.9	380.7
32.5	405.9	400.3	394.6	388.8	383.1	377.5	372.0	366.6	361.1	355.4
35.0	371.5	367.4	362.9	357.7	351.9	345.2	337.5	328.5	318.1	303.9
37.5	342.9	337.6	330.3	320.6	307.8	286.6	262.9	237.7	212.0	187.3
40.0	296.0	276.8	254.7	230.4	204.6	169.5	140.9	113.5	90.45	105.2
42.5	164.9	139.6	114.4	90.83	70.04	55.78	45.96	41.60	43.13	58.45
45.0	49.70	43.46	38.91	35.83	34.01	32.85	32.64	33.25	34.60	37.27
47.5	31.00	29.44	28.03	26.84	25.96	25.84	26.08	26.63	27.46	28.90
50.0	23.55	23.23	23.02	22.92	22.90	22.91	23.02	23.22	23.54	24.21
52.5	20.59	20.60	20.64	20.68	20.69	20.47	20.25	20.09	20.02	20.33
55.0	18.51	18.67	18.82	18.94	18.98	18.61	18.20	17.79	17.45	17.42
57.5	16.78	17.00	17.22	17.40	17.50	17.24	16.90	16.52	16.16	15.94
60.0	15.55	15.72	15.88	16.01	16.09	15.99	15.83	15.63	15.41	15.17
62.5	15.08	15.30	15.51	15.67	15.78	15.65	15.47	15.26	15.03	14.87
65.0	13.85	14.18	14.51	14.79	14.96	14.67	14.27	13.82	13.34	12.98
67.5	12.62	12.66	12.66	12.61	12.52	12.40	12.24	12.06	11.85	11.58
70.0	11.59	11.61	11.57	11.48	11.34	11.11	10.85	10.57	10.30	10.04
72.5	11.10	11.10	11.05	10.95	10.81	10.63	10.44	10.22	9.994	9.725
75.0	10.53	10.55	10.52	10.44	10.34	10.29	10.22	10.13	10.00	9.763
77.5	9.259	9.279	9.264	9.226	9.178	9.178	9.175	9.166	9.147	9.096
80.0	7.759	7.814	7.854	7.883	7.904	7.938	7.963	7.976	7.973	7.929
82.5	6.668	6.646	6.607	6.559	6.513	6.512	6.518	6.528	6.541	6.544
85.0	5.590	5.546	5.492	5.438	5.394	5.431	5.479	5.530	5.574	5.570
87.5	4.648	4.636	4.625	4.619	4.620	4.667	4.719	4.768	4.807	4.797
90.0	4.507	4.463	4.414	4.366	4.326	4.336	4.357	4.382	4.406	4.402
92.5	4.431	4.415	4.399	4.386	4.379	4.413	4.453	4.494	4.530	4.535
95.0	4.613	4.622	4.633	4.645	4.659	4.683	4.708	4.730	4.747	4.742
97.5	5.514	5.451	5.386	5.325	5.278	5.294	5.326	5.370	5.420	5.454
100.0	6.286	6.299	6.317	6.342	6.375	6.449	6.525	6.597	6.655	6.651
102.5	7.285	7.368	7.453	7.538	7.622	7.735	7.832	7.900	7.927	7.808
105.0	8.614	8.654	8.679	8.698	8.722	8.831	8.944	9.048	9.133	9.119
107.5	9.733	9.794	9.811	9.798	9.768	9.833	9.878	9.885	9.838	9.562
110.0	9.876	9.959	10.01	10.02	10.01	9.977	9.912	9.811	9.670	9.397
112.5	10.21	10.40	10.56	10.67	10.72	10.57	10.37	10.13	9.876	9.641
115.0	10.51	10.68	10.86	11.00	11.10	10.97	10.78	10.56	10.33	10.10
117.5	12.30	12.19	12.09	12.01	11.93	11.76	11.60	11.46	11.35	11.32
120.0	13.31	13.07	12.86	12.70	12.64	13.03	13.51	14.01	14.48	14.75
122.5	14.39	14.21	14.06	13.96	13.93	14.13	14.38	14.62	14.83	14.87
125.0	16.39	16.17	15.96	15.77	15.63	15.65	15.70	15.78	15.88	15.96
127.5	18.95	18.47	17.99	17.55	17.20	17.29	17.49	17.76	18.06	18.34
130.0	21.82	21.15	20.47	19.85	19.38	19.57	19.94	20.42	20.97	21.52
132.5	27.04	25.61	24.21	22.96	22.01	22.18	22.71	23.50	24.49	25.70
135.0	37.61	34.52	31.64	29.16	27.29	27.21	27.82	29.04	30.74	33.31
137.5	101.1	82.15	64.59	49.44	37.70	34.22	34.95	39.69	48.23	64.92
140.0	228.8	199.5	171.0	145.4	124.4	115.6	113.7	118.9	131.3	162.2
142.5	344.5	328.3	310.2	291.1	271.6	245.7	224.9	207.7	199.3	229.3
145.0	374.6	371.0	367.2	362.6	356.8	342.0	327.2	314.1	304.4	307.9
147.5	408.4	402.5	396.9	391.6	386.8	383.0	379.4	376.0	372.6	368.1
150.0	454.4	446.0	437.5	429.2	421.2	414.5	408.4	402.7	397.4	392.1
152.5	505.3	493.8	482.3	471.0	460.1	450.5	441.7	433.9	427.1	421.8
155.0	576.2	559.8	543.5	527.8	513.1	500.9	490.3	481.1	473.5	467.9
157.5	672.3	650.1	628.1	606.9	587.2	571.9	558.7	547.4	538.0	530.3
160.0	800.7	770.6	740.7	711.8	685.1	665.5	648.7	634.5	622.7	612.5
162.5	967.1	929.4	891.5	854.7	820.3	794.4	771.9	752.6	736.3	722.2
165.0	1173	1128	1083	1038	996.8	964.3	935.6	910.7	889.3	870.8
167.5	1401	1352	1303	1255	1209	1172	1139	1109	1083	1061
170.0	1634	1583	1531	1480	1432	1395	1362	1334	1310	1289
172.5	1851	1806	1761	1716	1673	1637	1605	1577	1552	1531
175.0	2002	1968	1935	1902	1872	1846	1823	1803	1785	1770
177.5	2094	2073	2052	2033	2014	1999	1986	1975	1966	1959
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
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	1818	1820	1823	1827	1832	1838	1844	1850	1855	1859
2.5	1736	1729	1723	1719	1717	1717	1717	1718	1719	1721
5.0	1604	1590	1578	1569	1561	1555	1551	1549	1548	1548
7.5	1425	1405	1387	1373	1361	1353	1346	1341	1338	1336
10.0	1229	1206	1187	1171	1158	1146	1137	1131	1126	1123
12.5	1032	1011	992.8	978.0	965.6	955.8	948.2	942.6	938.2	935.0
15.0	854.7	834.5	817.6	803.6	792.6	784.0	777.5	773.0	769.5	767.1
17.5	706.1	689.7	676.1	665.0	655.9	648.8	643.4	639.6	636.7	634.6
20.0	595.7	583.6	573.6	565.4	557.7	551.4	546.3	542.5	539.7	537.9
22.5	511.8	502.7	495.3	489.5	484.4	480.4	477.2	474.7	472.4	470.1
25.0	449.8	444.0	439.6	436.1	431.8	428.0	424.9	422.3	420.4	419.2
27.5	408.4	404.9	402.2	399.9	395.9	392.0	388.3	384.9	382.1	380.0
30.0	376.7	373.5	371.0	368.9	366.5	364.1	361.8	359.3	356.5	353.3
32.5	349.5	343.9	338.7	334.3	331.9	330.2	328.9	327.8	326.3	324.2
35.0	286.4	268.8	252.4	238.2	233.0	230.5	230.1	231.2	232.1	232.4
37.5	164.5	143.8	126.0	111.7	104.5	101.5	102.4	107.3	115.7	127.5
40.0	149.9	197.8	240.9	271.2	224.8	167.3	108.4	57.57	40.45	61.82
42.5	85.99	114.0	138.5	155.4	132.2	102.2	70.20	40.95	27.31	31.68
45.0	40.97	44.45	47.19	48.66	44.02	38.40	32.62	27.51	25.24	26.21
47.5	30.80	32.56	33.91	34.60	32.25	29.40	26.47	23.86	22.69	23.15
50.0	25.19	26.08	26.77	27.10	25.74	24.15	22.55	21.20	20.75	21.32
52.5	20.99	21.66	22.23	22.61	21.84	20.93	20.05	19.34	19.24	19.83
55.0	17.72	18.08	18.44	18.74	18.51	18.23	17.97	17.80	17.90	18.31
57.5	15.89	15.88	15.92	15.99	15.98	16.00	16.07	16.19	16.41	16.73
60.0	14.92	14.70	14.52	14.40	14.37	14.44	14.60	14.88	15.30	15.88
62.5	14.79	14.71	14.64	14.55	14.28	14.04	13.86	13.81	14.00	14.45
65.0	12.74	12.56	12.44	12.39	12.44	12.54	12.69	12.87	13.05	13.24
67.5	11.26	10.97	10.74	10.59	10.77	11.02	11.33	11.65	11.89	12.04
70.0	9.810	9.634	9.529	9.513	9.774	10.11	10.48	10.85	11.13	11.29
72.5	9.432	9.184	9.013	8.948	9.234	9.621	10.07	10.55	10.96	11.29
75.0	9.426	9.108	8.850	8.691	8.940	9.285	9.683	10.09	10.40	10.57
77.5	9.015	8.933	8.858	8.799	8.802	8.826	8.868	8.924	8.986	9.052
80.0	7.849	7.762	7.677	7.603	7.586	7.588	7.606	7.639	7.683	7.735
82.5	6.539	6.536	6.536	6.544	6.573	6.610	6.652	6.696	6.738	6.776
85.0	5.518	5.463	5.413	5.380	5.433	5.505	5.588	5.672	5.737	5.779
87.5	4.742	4.683	4.632	4.601	4.670	4.760	4.863	4.968	5.049	5.102
90.0	4.371	4.346	4.338	4.356	4.484	4.634	4.791	4.944	5.054	5.115
92.5	4.510	4.486	4.471	4.473	4.557	4.659	4.768	4.876	4.959	5.013
95.0	4.716	4.694	4.685	4.696	4.779	4.884	5.006	5.140	5.270	5.394
97.5	5.471	5.497	5.538	5.600	5.737	5.893	6.060	6.227	6.373	6.493
100.0	6.590	6.530	6.490	6.486	6.651	6.852	7.071	7.289	7.457	7.567
102.5	7.558	7.312	7.114	7.004	7.305	7.693	8.125	8.557	8.869	9.041
105.0	9.014	8.914	8.849	8.846	9.140	9.490	9.860	10.21	10.46	10.57
107.5	9.088	8.648	8.319	8.178	8.872	9.729	10.65	11.53	12.10	12.31
110.0	9.016	8.664	8.391	8.244	8.610	9.097	9.650	10.21	10.63	10.89
112.5	9.442	9.289	9.200	9.193	9.416	9.715	10.07	10.45	10.80	11.10
115.0	9.910	9.759	9.668	9.654	9.839	10.10	10.43	10.81	11.20	11.60
117.5	11.37	11.45	11.55	11.65	11.56	11.51	11.53	11.68	12.08	12.74
120.0	14.79	14.74	14.59	14.36	13.79	13.23	12.79	12.55	12.76	13.46
122.5	14.73	14.54	14.31	14.07	13.77	13.53	13.39	13.40	13.69	14.28
125.0	16.02	16.06	16.06	16.02	15.63	15.27	15.01	14.92	15.22	15.94
127.5	18.56	18.73	18.83	18.82	18.21	17.61	17.14	16.94	17.36	18.46
130.0	22.02	22.43	22.69	22.77	21.81	20.81	19.97	19.49	19.90	21.30
132.5	27.02	28.19	29.08	29.54	27.71	25.70	23.89	22.67	23.09	25.33
135.0	36.48	39.41	41.71	43.00	38.75	34.01	29.68	26.68	27.42	32.36
137.5	88.19	110.6	129.2	141.0	116.7	88.14	60.58	39.42	38.89	61.68
140.0	208.5	252.7	288.4	309.2	252.2	185.1	118.9	64.80	52.65	87.99
142.5	291.7	355.4	410.8	448.4	384.8	307.2	229.1	163.8	147.2	186.0
145.0	323.8	341.2	357.3	368.9	353.4	333.6	312.7	294.0	285.9	289.8
147.5	362.6	357.5	353.1	350.0	351.4	354.0	357.3	360.8	363.4	364.7
150.0	386.9	382.4	379.0	376.9	378.8	381.8	385.5	389.2	391.8	393.0
152.5	417.9	415.2	413.7	413.5	415.6	418.5	421.9	425.4	428.1	429.6
155.0	464.1	461.8	460.7	460.8	462.4	464.7	467.4	470.4	472.7	474.4
157.5	524.3	520.0	517.2	515.9	516.8	518.8	521.6	524.9	527.8	530.3
160.0	604.0	597.4	592.8	590.2	590.6	592.7	596.2	600.7	605.5	610.3
162.5	710.3	701.1	694.8	691.5	692.8	696.7	702.8	710.7	719.1	727.8
165.0	855.1	843.1	835.0	831.1	834.6	841.7	851.6	863.6	875.5	887.1
167.5	1042	1027	1017	1012	1017	1026	1039	1055	1070	1085
170.0	1270	1256	1247	1242	1248	1258	1272	1288	1304	1318
172.5	1513	1500	1491	1488	1495	1507	1523	1541	1558	1574
175.0	1757	1747	1742	1741	1750	1762	1778	1795	1811	1826
177.5	1955	1954	1955	1960	1970	1984	1999	2014	2029	2041
180.0	2217	2217	2217	2217	2217	2217	2217	2217	2217	2217

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 21 May 2025

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 8.050m [K=1.2422]
 Remarks:

Photometric Data Table [cd]

G/C	350.0	355.0
0.0	1862	1865
2.5	1722	1724
5.0	1549	1552
7.5	1335	1337
10.0	1122	1124
12.5	933.3	933.1
15.0	766.1	766.5
17.5	633.7	633.9
20.0	537.1	537.5
22.5	468.3	466.9
25.0	418.6	418.7
27.5	378.3	377.1
30.0	349.9	346.2
32.5	322.0	319.7
35.0	233.3	234.6
37.5	143.0	162.2
40.0	105.7	172.1
42.5	46.05	70.42
45.0	29.08	33.83
47.5	24.56	26.91
50.0	22.50	24.29
52.5	20.83	22.26
55.0	18.92	19.71
57.5	17.14	17.62
60.0	16.58	17.42
62.5	15.09	15.92
65.0	13.44	13.65
67.5	12.15	12.22
70.0	11.41	11.48
72.5	11.59	11.86
75.0	10.70	10.77
77.5	9.127	9.211
80.0	7.799	7.876
82.5	6.815	6.853
85.0	5.810	5.831
87.5	5.143	5.171
90.0	5.150	5.159
92.5	5.052	5.077
95.0	5.522	5.653
97.5	6.602	6.698
100.0	7.649	7.702
102.5	9.146	9.184
105.0	10.62	10.60
107.5	12.33	12.15
110.0	11.07	11.18
112.5	11.40	11.69
115.0	12.02	12.47
117.5	13.59	14.64
120.0	14.51	15.90
122.5	15.08	16.10
125.0	16.95	18.25
127.5	20.02	22.04
130.0	23.35	26.07
132.5	28.75	33.35
135.0	39.99	50.30
137.5	98.88	150.5
140.0	152.2	245.3
142.5	257.8	362.6
145.0	300.7	318.4
147.5	365.5	365.9
150.0	393.7	393.7
152.5	430.8	431.5
155.0	475.7	476.9
157.5	532.8	535.3
160.0	615.8	621.8
162.5	737.6	748.5
165.0	899.5	912.8
167.5	1100	1117
170.0	1334	1350
172.5	1590	1607
175.0	1840	1856
177.5	2053	2065
180.0	2217	2217

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.2422]
Remarks: