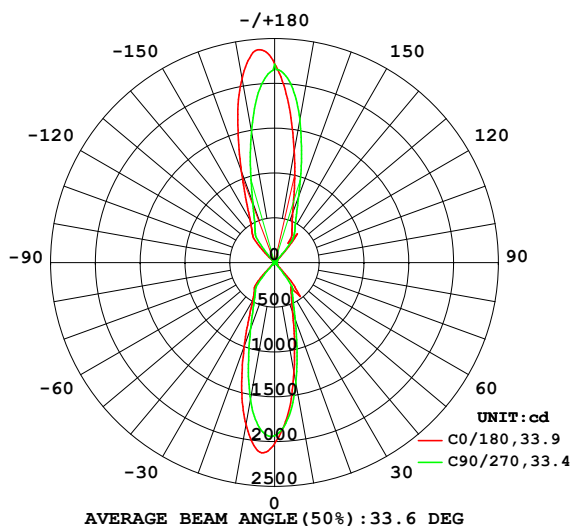


LUMINAIRE PHOTOMETRIC TEST REPORT

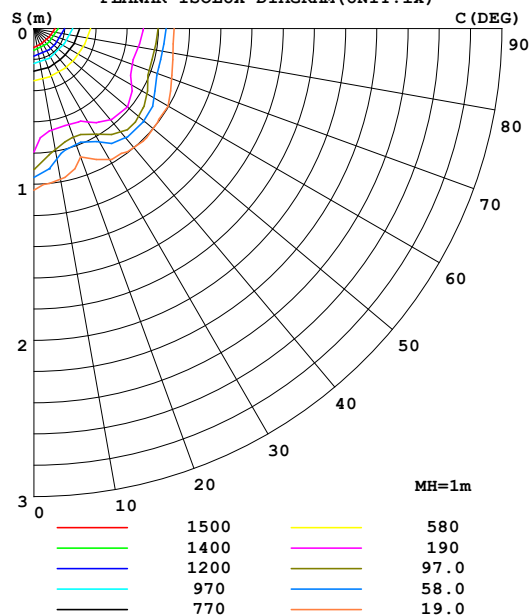
Test:U:119.95V I:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 115.96 lm/W			
MODEL		Imax (cd)	2386	S/MH(C0/180)	0.65
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2189.6	η UP,DN(C0-180)	26.1,23.6
NOMINAL FLUX(lm)	2189.62	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.4,25.0
LAMPS INSIDE	1	η up (%)	51.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	120	η down (%)	48.6	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:

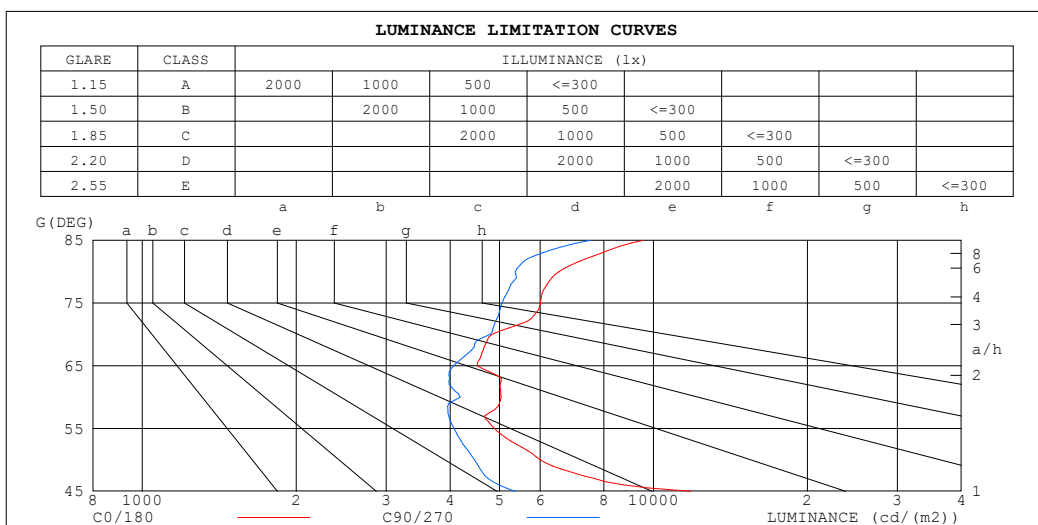
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1252	1221	1368	1729	1838	1848	1558	1244	0- 10	165.2	165.2	7.55,7.55
20	594.7	586.8	676.2	927.6	995.7	1013	786.3	600.8	10- 20	305.2	470.4	21.5,21.5
30	372.5	364.8	398.9	475.6	492.6	507.0	449.7	392.2	20- 30	260.0	730.4	33.4,33.4
40	351.7	327.1	123.6	328.9	344.4	338.9	220.2	245.2	30- 40	216.6	947.0	43.2,43.2
50	30.29	26.10	22.54	25.44	28.63	27.05	24.15	29.14	40- 50	67.87	1015	46.3,46.3
60	19.74	16.31	16.43	14.93	18.90	15.81	17.01	15.09	50- 60	17.66	1033	47.2,47.2
70	12.96	10.65	12.86	10.79	12.04	11.24	12.06	10.14	60- 70	13.95	1046	47.8,47.8
80	8.901	6.566	7.313	6.970	7.321	7.483	8.351	8.191	70- 80	10.86	1057	48.3,48.3
90	5.630	4.423	4.444	4.634	4.565	4.687	4.610	4.731	80- 90	6.409	1064	48.6,48.6
100	7.883	7.196	7.674	7.199	7.077	6.629	6.751	6.817	90-100	6.052	1070	48.9,48.9
110	11.18	8.731	10.97	9.891	11.37	9.497	10.60	8.610	100-110	9.685	1079	49.3,49.3
120	18.02	14.59	15.40	15.96	17.93	14.45	13.43	15.07	110-120	12.33	1092	49.9,49.9
130	28.99	27.39	24.48	26.81	29.66	24.47	20.56	24.03	120-130	16.78	1109	50.6,50.6
140	320.1	273.6	224.7	369.9	374.3	349.1	141.9	316.2	130-140	73.45	1182	54,54
150	391.8	393.8	461.0	540.9	549.5	521.3	441.9	389.4	140-150	228.3	1410	64.4,64.4
160	594.1	625.8	788.4	1067	1086	991.3	718.8	600.7	150-160	274.2	1685	76.9,76.9
170	1269	1323	1625	2031	2093	1947	1492	1244	160-170	324.4	2009	91.7,91.7
180	2217	2217	2217	2217	2217	2217	2217	2217	170-180	180.7	2190	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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	9541	7538
80	6530	5365
75	6009	5054
70	4828	4791
65	4521	4067
60	5030	4186
55	4881	4072
50	6004	4467
45	11825	5363

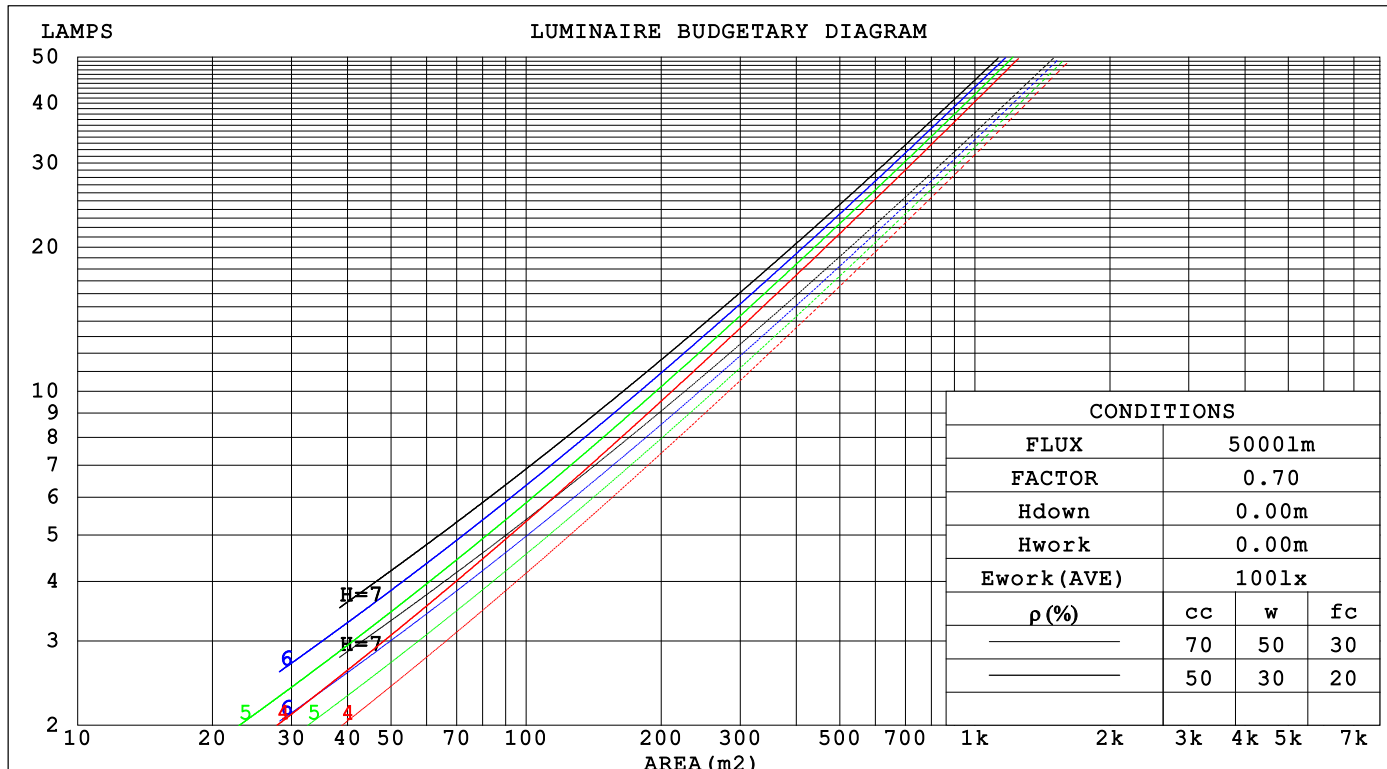
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	.83	.83	.83	.68	.68	.68	.55	.55	.55	.49														
1.0	.96	.93	.90	.89	.86	.84	.75	.74	.72	.63	.62	.61	.52	.51	.50	.45														
2.0	.87	.82	.78	.81	.77	.73	.69	.66	.64	.58	.56	.55	.49	.47	.46	.42														
3.0	.79	.73	.68	.74	.69	.64	.64	.60	.57	.54	.52	.50	.46	.44	.43	.39														
4.0	.72	.66	.61	.67	.62	.58	.59	.55	.51	.51	.48	.46	.43	.41	.40	.36														
5.0	.66	.59	.55	.62	.56	.52	.54	.50	.47	.47	.44	.42	.41	.39	.37	.34														
6.0	.61	.54	.49	.57	.52	.47	.51	.46	.43	.44	.41	.39	.38	.36	.35	.32														
7.0	.56	.50	.45	.53	.47	.43	.47	.43	.40	.42	.38	.36	.36	.34	.32	.30														
8.0	.52	.46	.42	.50	.44	.40	.44	.40	.37	.39	.36	.34	.35	.32	.31	.28														
9.0	.49	.43	.38	.46	.41	.37	.42	.37	.34	.37	.34	.31	.33	.31	.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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	.223	.127	.040	.201	.115	.036	.159	.091	.029	.121	.070	.022	.085	.049	.016		
2.0	.207	.114	.035	.187	.103	.032	.149	.083	.026	.114	.064	.020	.082	.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	.072	.038	.012		
6.0	.159	.079	.023	.144	.073	.021	.117	.060	.018	.092	.048	.014	.069	.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	.106	.053	.015	.084	.042	.012	.063	.032	.009		
9.0	.133	.065	.018	.122	.060	.017	.100	.050	.014	.080	.040	.011	.061	.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	.582	.582	.582	.498	.498	.498	.340	.340	.340	.195	.195	.195	.062	.062	.062	
1.0	.569	.552	.536	.487	.474	.461	.333	.326	.319	.192	.189	.186	.061	.061	.060	
2.0	.559	.530	.506	.478	.456	.437	.328	.316	.305	.189	.184	.179	.061	.059	.058	
3.0	.549	.514	.485	.471	.443	.420	.323	.308	.295	.187	.180	.174	.060	.058	.057	
4.0	.541	.501	.470	.465	.433	.408	.319	.302	.288	.185	.177	.170	.059	.058	.056	
5.0	.534	.491	.459	.459	.425	.400	.316	.297	.282	.183	.174	.167	.059	.057	.055	
6.0	.528	.483	.451	.454	.418	.393	.313	.293	.278	.182	.172	.165	.059	.056	.055	
7.0	.522	.477	.445	.449	.413	.388	.310	.290	.275	.180	.171	.164	.058	.056	.054	
8.0	.516	.471	.440	.445	.409	.384	.308	.287	.272	.179	.169	.162	.058	.056	.054	
9.0	.512	.467	.437	.441	.405	.381	.305	.285	.270	.178	.168	.161	.058	.055	.053	
10.0	.507	.463	.434	.437	.402	.378	.303	.283	.269	.177	.167	.160	.057	.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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	13.8	14.6	14.7	15.4	16.4	13.8	14.6	14.7	15.4	16.4
3H	13.9	14.6	14.8	15.5	16.5	13.9	14.5	14.8	15.4	16.5
4H	14.1	14.8	15.0	15.6	16.7	14.0	14.6	14.9	15.5	16.6
6H	14.4	14.9	15.3	15.8	17.0	14.1	14.7	15.1	15.6	16.7
8H	14.5	15.0	15.4	15.9	17.1	14.2	14.7	15.1	15.6	16.8
12H	14.7	15.2	15.6	16.1	17.3	14.3	14.8	15.2	15.7	16.9
4H 2H	13.5	14.1	14.4	15.0	16.1	13.5	14.1	14.4	15.0	16.1
3H	13.7	14.3	14.7	15.2	16.3	13.6	14.1	14.6	15.1	16.2
4H	14.1	14.5	15.1	15.5	16.7	13.9	14.4	14.9	15.3	16.5
6H	14.5	14.9	15.5	15.8	17.1	14.2	14.6	15.2	15.6	16.8
8H	14.7	15.1	15.7	16.1	17.3	14.3	14.7	15.3	15.7	16.9
12H	15.0	15.3	16.0	16.3	17.6	14.5	14.9	15.5	15.8	17.1
8H 4H	14.0	14.4	15.0	15.4	16.6	13.8	14.2	14.8	15.2	16.5
6H	14.6	14.9	15.6	15.9	17.2	14.3	14.6	15.3	15.6	16.9
8H	14.9	15.2	15.9	16.2	17.5	14.5	14.8	15.6	15.8	17.1
12H	15.3	15.6	16.4	16.6	17.9	14.9	15.1	15.9	16.1	17.5
12H 4H	14.0	14.3	15.0	15.3	16.6	13.8	14.1	14.8	15.1	16.4
6H	14.6	14.8	15.6	15.8	17.2	14.3	14.6	15.3	15.6	16.9
8H	15.0	15.2	16.0	16.2	17.6	14.6	14.8	15.6	15.9	17.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.4 / - 2.2					+ 2.3 / - 2.1				
1.5H	+ 6.8 / - 2.1					+ 4.5 / - 2.0				
2.0H	+ 1.5 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117, 2190 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.7$)
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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 lm		
NAME:4"SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

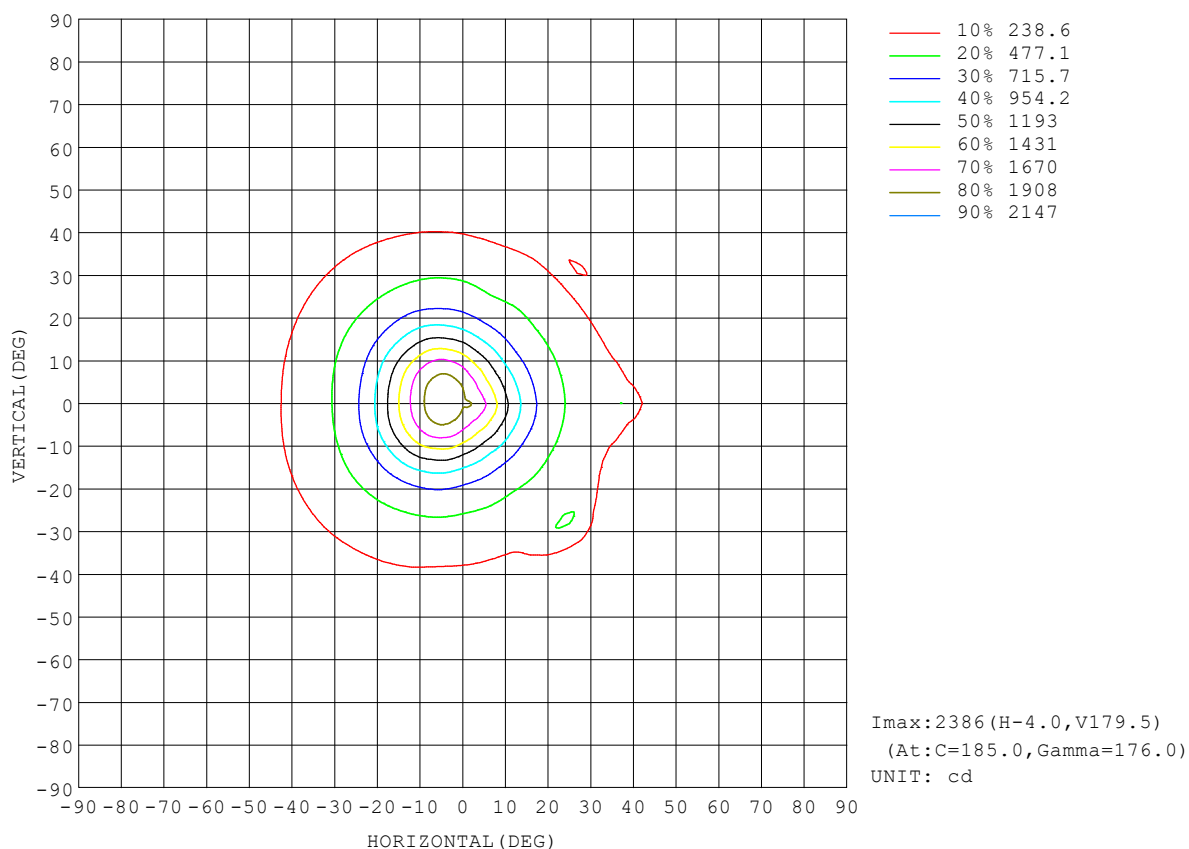
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	49	44	55	47	43	50	44	41	34
0.80	66	57	52	62	55	50	56	50	47	38
1.00	72	63	57	68	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	65	66	62	59	43
2.00	86	79	74	81	75	70	70	66	63	44
2.50	90	84	78	84	78	74	72	68	65	45
3.00	93	87	82	86	81	77	73	70	68	46
4.00	96	91	87	89	85	82	76	73	71	47
5.00	98	94	91	91	88	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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

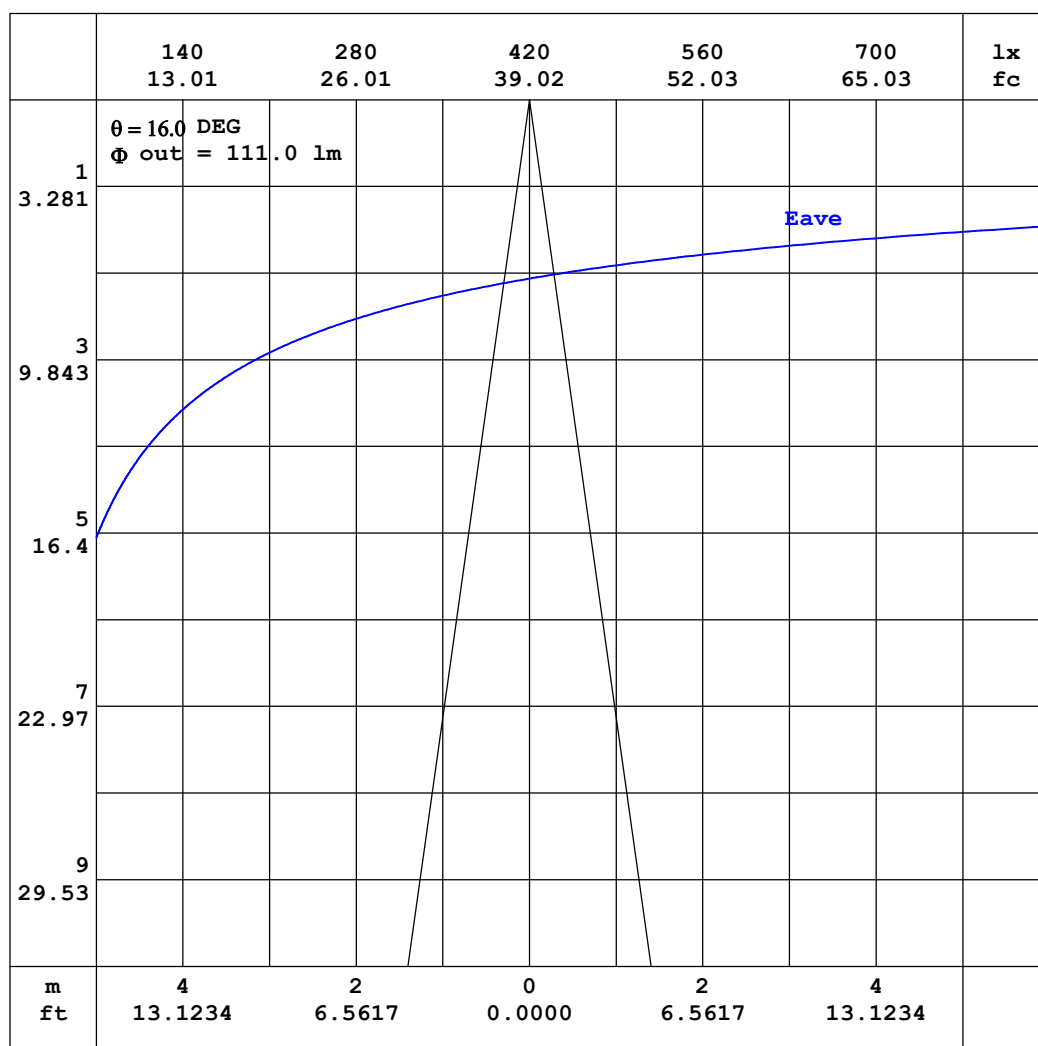


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:



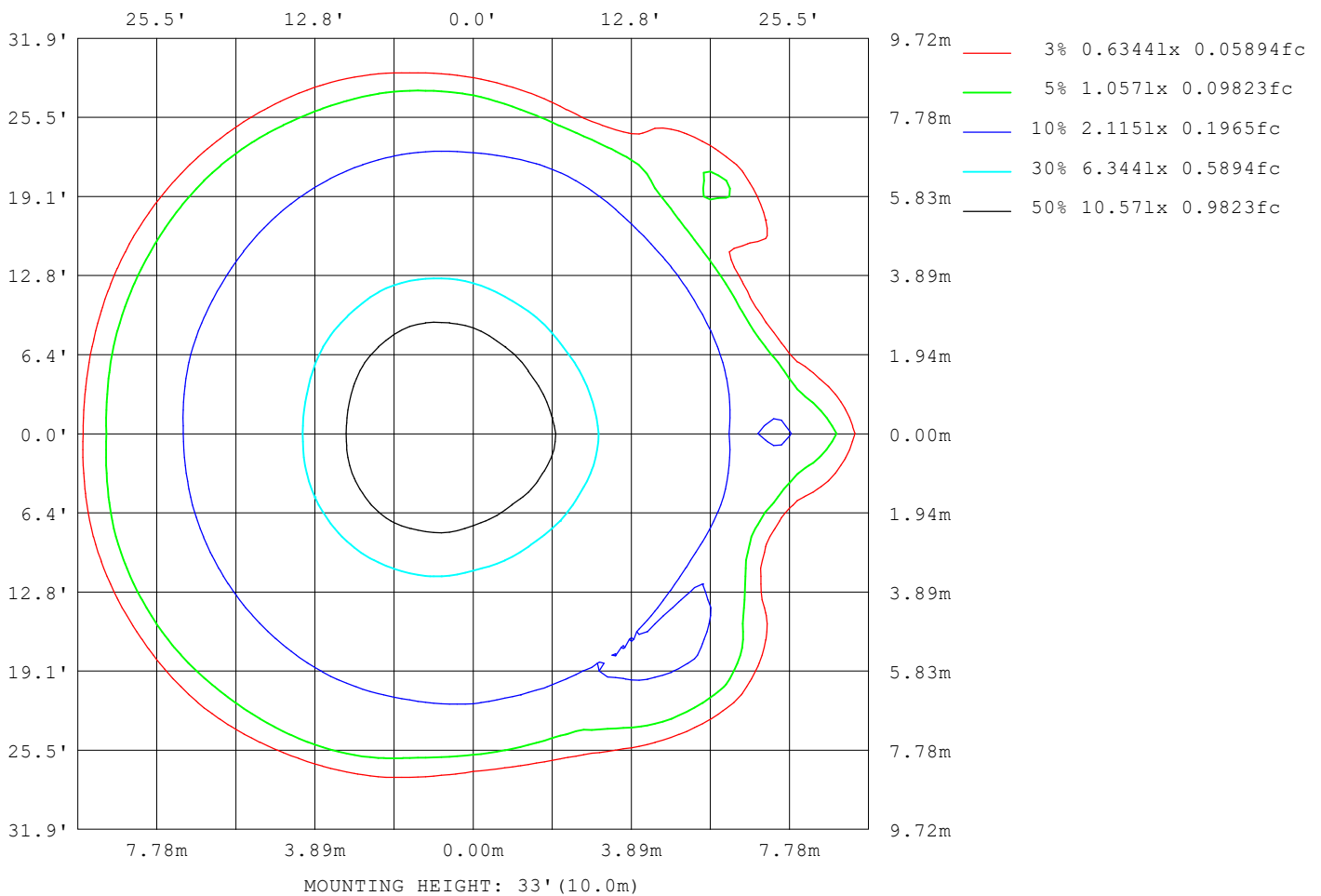
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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:

LED Avg.L Report

Test:U:119.95V I:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

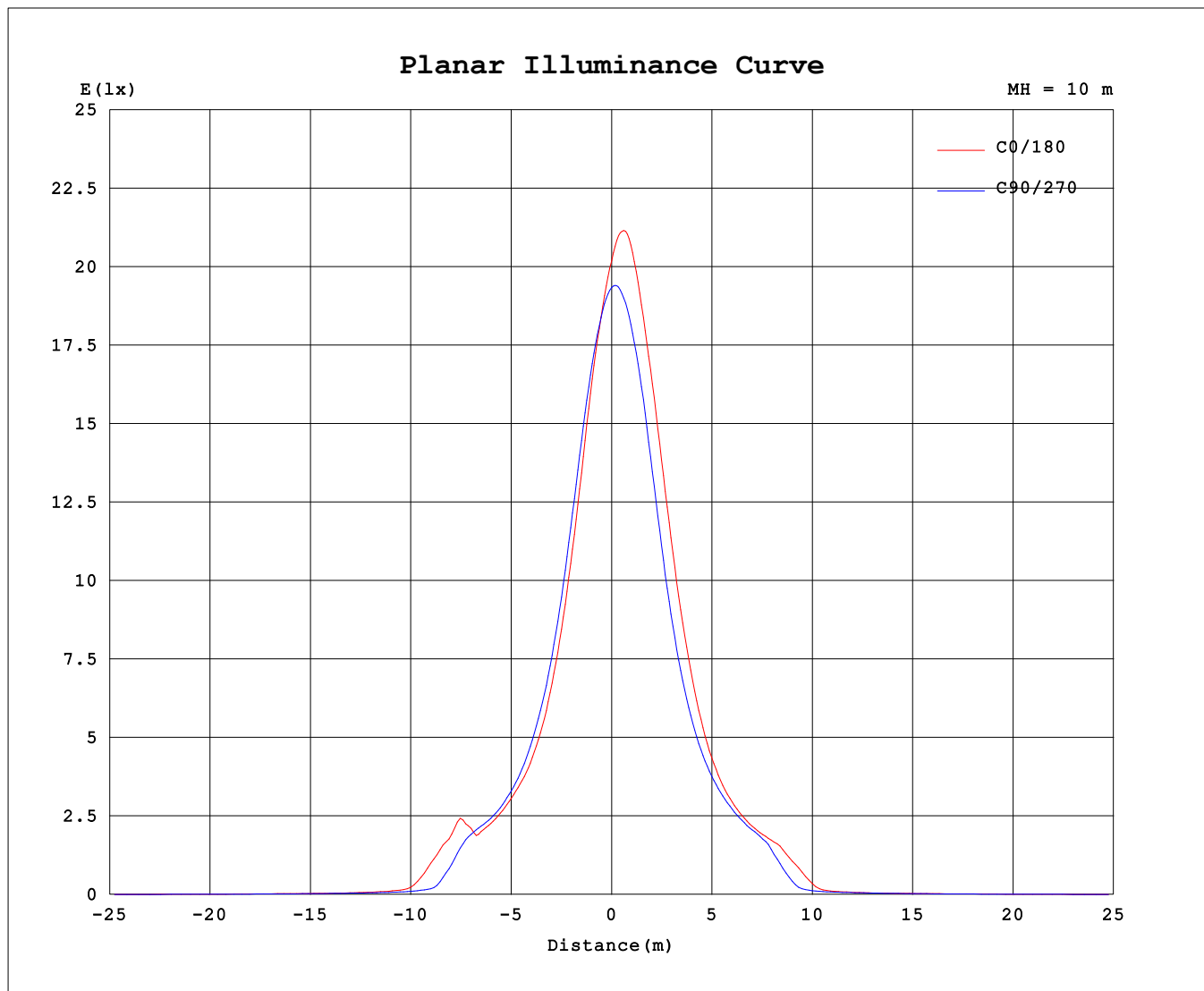
AvgL	cd/m2
L_0~180 (65) av	4695
L_0~180 (75) av	5575
L_0~180 (85) av	8659
L_90~270 (65) av	4338
L_90~270 (75) av	5220
L_90~270 (85) av	7958
L_45 (65) av	3912
L_45 (75) av	4758
L_45 (85) av	7962

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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	2019	2021	2021	2018	2012	2004	1996	1992	1987	1983	1974	1964	1955	1950	1946	1942	1939	1936	1934
5	1704	1703	1700	1694	1684	1673	1664	1662	1662	1662	1658	1655	1655	1665	1679	1695	1709	1725	1744
10	1252	1251	1249	1244	1234	1224	1216	1216	1218	1221	1219	1219	1223	1239	1261	1286	1310	1336	1368
15	857	855	852	847	840	833	828	828	830	833	834	837	843	857	875	895	915	938	966
20	595	595	595	593	588	583	580	581	583	587	588	590	595	605	618	632	645	659	676
25	458	455	452	449	447	446	445	446	447	448	446	445	446	453	463	474	481	489	498
30	372	377	379	379	375	370	365	364	364	365	366	368	370	374	379	384	388	393	399
35	385	324	282	256	247	271	325	386	443	489	462	422	376	331	311	321	330	337	349
40	352	233	144	82.9	51.1	67.2	126	196	267	327	306	269	223	173	137	119	111	113	124
45	65.6	51.4	40.5	32.9	28.7	29.6	34.8	41.4	48.0	53.4	50.3	45.6	40.0	34.3	30.5	29.0	28.5	28.7	29.8
50	30.3	27.0	24.5	22.7	21.9	22.0	23.0	24.1	25.2	26.1	25.4	24.5	23.5	22.6	22.2	22.2	22.2	22.4	22.5
55	22.0	20.8	19.8	19.0	18.5	18.3	18.3	18.1	17.9	17.8	17.7	17.7	17.8	17.9	18.0	18.2	18.3	18.3	18.3
60	19.7	18.4	17.3	16.5	16.1	16.1	16.4	16.3	16.3	16.3	16.3	16.4	16.5	16.4	16.3	16.4	16.4	16.4	16.4
65	15.0	14.9	14.8	14.7	14.7	14.7	14.5	13.8	13.1	12.5	12.5	12.7	13.1	13.3	13.6	13.8	13.8	13.7	13.5
70	13.0	13.3	13.5	13.5	13.4	13.1	12.6	11.9	11.2	10.7	10.7	11.0	11.3	11.7	12.1	12.4	12.6	12.7	12.9
75	12.2	12.1	11.9	11.7	11.6	11.4	11.3	11.0	10.7	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.5	10.4	10.3
80	8.90	8.82	8.69	8.53	8.34	8.07	7.71	7.27	6.87	6.57	6.70	6.95	7.26	7.56	7.72	7.73	7.62	7.47	7.31
85	6.53	6.32	6.12	5.95	5.80	5.68	5.59	5.45	5.33	5.24	5.23	5.25	5.28	5.28	5.28	5.29	5.25	5.21	5.16
90	5.63	5.59	5.53	5.45	5.37	5.23	5.05	4.82	4.60	4.42	4.45	4.52	4.62	4.67	4.67	4.60	4.54	4.49	4.44
95	5.95	5.85	5.76	5.68	5.60	5.53	5.47	5.41	5.36	5.33	5.34	5.37	5.41	5.43	5.43	5.40	5.37	5.34	5.32
100	7.88	7.81	7.74	7.67	7.62	7.56	7.50	7.38	7.27	7.20	7.26	7.36	7.47	7.51	7.54	7.58	7.63	7.66	7.67
105	10.7	10.6	10.6	10.4	10.4	10.2	9.86	9.19	8.51	7.96	7.95	8.13	8.44	8.80	9.20	9.59	9.80	9.94	10.0
110	11.2	11.0	10.8	10.5	10.1	9.66	9.22	8.97	8.81	8.73	8.73	8.79	8.90	9.02	9.28	9.66	10.1	10.6	11.0
115	14.2	13.3	12.6	11.9	11.4	11.0	10.8	11.3	12.0	12.6	13.2	13.6	13.7	13.0	12.2	11.6	12.4	13.5	14.6
120	18.0	16.6	15.5	14.6	14.0	13.7	13.6	13.8	14.2	14.6	14.9	15.1	15.2	14.8	14.4	14.1	14.4	14.9	15.4
125	20.7	19.7	18.8	18.1	17.4	17.0	17.0	18.0	19.2	20.3	20.6	20.5	20.2	19.2	18.1	17.4	17.8	18.6	19.4
130	29.0	27.7	26.4	25.1	23.3	22.0	21.3	23.0	25.3	27.4	28.0	28.0	27.4	25.7	23.8	22.3	22.7	23.5	24.5
135	53.6	54.3	52.9	49.5	40.7	32.2	26.4	33.1	42.3	51.3	52.9	51.8	48.6	42.4	35.9	30.4	30.5	32.5	35.8
140	320	281	239	195	128	72.0	42.8	106	190	274	306	315	302	242	180	133	156	187	225
145	266	271	275	279	282	283	283	283	285	288	302	317	333	348	360	367	374	380	385
150	392	392	392	392	392	392	392	392	392	394	396	400	404	410	418	428	439	450	461
155	468	469	470	471	472	472	472	473	474	476	479	484	490	499	510	525	541	558	575
160	594	599	603	607	610	613	615	618	621	626	632	640	651	664	682	705	731	759	788
165	858	862	866	870	874	877	880	883	888	895	907	921	940	963	993	1031	1072	1116	1162
170	1269	1276	1283	1290	1297	1302	1305	1309	1315	1323	1335	1351	1372	1397	1432	1475	1522	1573	1625
175	1791	1800	1808	1814	1819	1820	1819	1818	1818	1820	1828	1839	1854	1871	1894	1921	1951	1983	2015
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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	1934	1935	1937	1938	1940	1942	1942	1943	1946	1952	1960	1968	1975	1983	1991	2001	2011	2019	2022
5	1771	1800	1830	1855	1881	1906	1933	1959	1985	2008	2029	2049	2066	2082	2094	2103	2109	2113	2118
10	1411	1457	1503	1542	1580	1616	1656	1694	1729	1756	1778	1797	1811	1823	1831	1835	1837	1838	1843
15	1005	1048	1091	1128	1164	1201	1244	1287	1326	1354	1376	1394	1408	1418	1425	1427	1426	1426	1428
20	702	731	761	788	815	842	872	901	928	948	966	980	992	1001	1006	1004	1000	996	998
25	513	530	547	561	574	589	606	624	640	652	661	669	676	682	686	685	682	680	680
30	407	417	426	434	442	450	459	468	476	483	489	493	495	495	495	494	493	493	495
35	353	357	361	366	371	376	379	382	384	387	390	392	394	396	397	397	397	397	400
40	149	179	212	241	267	288	305	319	329	333	334	335	337	340	342	343	344	344	345
45	31.7	34.1	36.8	38.0	40.1	43.9	53.7	65.4	77.7	89.0	99.0	107	111	113	112	108	103	99.0	101
50	22.7	22.9	23.1	23.3	23.5	23.7	24.3	24.9	25.4	25.6	25.7	25.8	25.9	26.2	26.7	27.4	28.1	28.6	28.2
55	18.3	18.2	18.1	18.0	18.0	18.1	18.3	18.5	18.8	19.0	19.2	19.3	19.1	19.0	19.3	20.3	21.3	22.0	21.6
60	16.6	16.8	16.9	16.9	16.8	16.4	15.9	15.3	14.9	15.0	15.3	15.6	15.5	15.6	16.1	17.1	18.1	18.9	18.6
65	13.3	13.1	12.9	12.8	12.7	12.7	12.4	12.2	12.0	12.3	12.7	13.2	13.1	13.3	13.7	14.6	15.5	16.2	15.9
70	12.9	12.8	12.7	12.5	12.2	11.9	11.5	11.1	10.8	10.9	11.0	11.2	11.2	11.2	11.3	11.5	11.8	12.0	12.2
75	10.2	10.1	10.1	10.0	9.95	9.85	9.69	9.57	9.50	9.69	9.92	10.2	10.3	10.4	10.4	10.5	10.4	10.4	10.5
80	7.27	7.24	7.23	7.23	7.22	7.20	7.11	7.02	6.97	7.06	7.19	7.32	7.41	7.46	7.46	7.41	7.35	7.32	7.45
85	5.11	5.07	5.05	5.04	5.05	5.08	5.10	5.13	5.18	5.25	5.33	5.41	5.49	5.54	5.55	5.46	5.38	5.32	5.44
90	4.47	4.51	4.56	4.62	4.66	4.67	4.66	4.64	4.63	4.67	4.71	4.76	4.82	4.85	4.83	4.74	4.64	4.56	4.62
95	5.35	5.39	5.44	5.46	5.45	5.43	5.42	5.42	5.43	5.47	5.52	5.56	5.63	5.67	5.65	5.50	5.33	5.18	5.18
100	7.61	7.52	7.43	7.38	7.33	7.28	7.24	7.21	7.20	7.23	7.27	7.32	7.39	7.43	7.44	7.34	7.20	7.08	7.03
105	10.0	9.97	9.88	9.72	9.53	9.33	9.11	8.90	8.75	8.71	8.75	8.87	9.15	9.51	9.89	10.1	10.2	10.2	10.1
110	11.1	11.1	11.0	10.8	10.6	10.4	10.1	9.98	9.89	10.1	10.4	10.8	11.1	11.4	11.5	11.5	11.5	11.4	11.3
115	15.0	15.1	14.9	14.1	13.1	12.3	12.5	13.0	13.5	13.7	13.7	13.7	13.4	13.3	13.3	14.2	15.1	15.7	14.8
120	15.7	15.9	15.9	15.5	15.0	14.7	15.1	15.5	16.0	16.0	15.9	15.8	15.6	15.6	15.9	16.7	17.4	17.9	17.1
125	19.8	20.0	20.1	19.6	19.1	18.7	18.8	19.2	19.5	19.5	19.4	19.4	19.2	19.3	19.7	20.6	21.5	22.0	21.1
130	24.9	25.1	25.2	24.9	24.6	24.7	25.3	26.0	26.8	27.3	27.8	28.2	28.4	28.6	28.9	29.3	29.6	29.7	28.7
135	37.5	40.1	44.2	49.9	60.9	77.0	94.0	111	126	133	137	139	139	137	134	130	125	120	114
140	255	283	309	332	348	358	364	368	370	372	373	374	374	374	375	375	375	374	374
145	392	399	405	412	418	423	428	432	436	439	441	443	444	445	446	446	446	446	445
150	470	479	487	495	505	515	524	533	541	545	549	551	552	552	552	552	551	550	548
155	591	608	625	641	660	679	698	715	730	739	745	749	751	752	751	750	748	745	743
160	819	850	882	914	948	981	1013	1042	1067	1083	1094	1102	1106	1107	1104	1100	1094	1086	1080
165	1208	1254	1301	1347	1394	1442	1486	1527	1562	1583	1599	1609	1614	1616	1614	1609	1601	1592	1582
170	1675	1725	1774	1823	1870	1916	1959	1998	2031	2053	2070	2082	2090	2095	2098	2099	2097	2093	2089
175	2046	2078	2109	2140	2172	2203	2234	2262	2289	2311	2330	2347	2361	2370	2377	2380	2381	2380	2380
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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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	2021	2018	2012	2004	1996	1992	1987	1983	1974	1964	1955	1950	1946	1942	1939	1936	1934	1934	1935
5	2120	2121	2120	2116	2109	2099	2086	2071	2053	2033	2010	1985	1959	1933	1910	1887	1863	1834	1806
10	1848	1853	1860	1866	1869	1866	1859	1848	1837	1821	1798	1764	1724	1681	1641	1600	1558	1509	1460
15	1433	1439	1449	1458	1465	1461	1453	1440	1428	1410	1386	1347	1302	1255	1213	1172	1130	1085	1042
20	1003	1009	1018	1025	1030	1028	1022	1013	1005	993	977	949	916	882	850	818	786	753	721
25	683	686	693	700	705	704	701	696	692	686	677	660	640	619	604	589	572	549	526
30	499	503	508	512	514	513	510	507	504	500	497	492	487	481	471	461	450	439	429
35	404	407	408	407	406	407	408	408	408	407	405	402	398	394	388	382	375	370	365
40	346	346	346	345	345	343	341	339	338	336	331	324	314	299	275	249	220	186	157
45	105	109	111	112	113	113	111	107	99.5	89.8	78.8	66.4	54.3	43.9	39.2	36.8	36.1	35.5	35.9
50	27.6	27.0	26.5	26.1	26.0	26.3	26.7	27.0	27.1	27.0	26.6	25.8	24.8	24.0	23.9	23.9	24.2	24.3	24.5
55	20.9	20.1	19.6	19.3	19.3	19.3	19.4	19.6	19.6	19.7	19.7	19.6	19.5	19.5	19.7	19.9	20.0	19.7	19.3
60	17.9	17.2	16.7	16.5	16.5	16.2	15.9	15.8	15.9	16.1	16.3	16.4	16.4	16.5	16.7	16.9	17.0	17.0	17.0
65	15.3	14.8	14.4	14.4	14.7	14.7	14.6	14.6	14.6	14.6	14.7	14.5	14.4	14.6	14.9	15.1	15.3	15.1	14.9
70	12.3	12.3	12.4	12.3	12.2	11.9	11.5	11.2	11.5	11.9	12.3	12.3	12.3	12.3	12.3	12.2	12.1	11.7	11.3
75	10.6	10.6	10.7	10.6	10.3	9.92	9.55	9.30	9.63	10.1	10.5	10.7	10.8	10.9	10.9	10.9	10.9	10.9	10.8
80	7.61	7.78	7.92	7.97	7.93	7.76	7.60	7.48	7.65	7.87	8.08	8.11	8.12	8.14	8.21	8.28	8.35	8.42	8.48
85	5.59	5.76	5.89	5.95	5.93	5.79	5.65	5.55	5.68	5.84	5.98	5.94	5.86	5.77	5.74	5.72	5.73	5.81	5.89
90	4.71	4.80	4.87	4.90	4.88	4.81	4.74	4.69	4.74	4.80	4.86	4.84	4.78	4.72	4.67	4.63	4.61	4.62	4.64
95	5.22	5.27	5.29	5.27	5.20	5.12	5.04	4.96	4.94	4.93	4.92	4.92	4.91	4.90	4.90	4.91	4.92	4.94	4.96
100	7.01	6.99	6.96	6.92	6.87	6.78	6.70	6.63	6.64	6.66	6.69	6.69	6.69	6.70	6.70	6.72	6.75	6.82	6.90
105	9.88	9.65	9.38	9.15	8.98	8.75	8.56	8.45	8.57	8.76	8.97	9.07	9.13	9.16	9.17	9.18	9.21	9.29	9.39
110	11.1	11.0	10.8	10.5	10.2	9.93	9.68	9.50	9.59	9.77	10.0	10.3	10.6	10.7	10.7	10.7	10.6	10.6	10.5
115	13.7	12.6	12.0	11.7	11.5	11.5	11.4	11.4	11.1	10.9	10.7	11.0	11.3	11.6	11.7	11.8	11.8	11.6	11.3
120	16.0	15.0	14.4	14.1	14.2	14.3	14.4	14.4	14.0	13.5	13.3	14.2	15.2	15.9	15.3	14.4	13.4	13.0	12.9
125	19.9	18.7	18.2	18.1	18.4	18.6	18.6	18.6	18.0	17.4	16.9	17.4	17.9	18.4	17.9	17.3	16.6	16.2	16.0
130	27.6	26.4	25.7	25.3	25.3	25.1	24.8	24.5	23.8	23.2	22.7	23.2	23.6	23.8	22.8	21.7	20.6	20.1	19.9
135	109	104	99.1	96.4	95.5	94.3	92.4	89.1	79.2	68.2	57.1	47.3	40.6	37.1	33.6	30.9	29.0	27.3	26.6
140	373	371	369	367	365	362	356	349	338	325	309	290	266	236	205	173	142	109	85.7
145	444	443	441	440	440	439	437	434	427	419	411	403	397	392	388	382	375	356	342
150	547	544	542	539	536	532	527	521	514	507	499	490	481	471	461	451	442	434	427
155	741	739	735	730	723	715	706	694	680	664	647	629	611	592	573	555	538	524	512
160	1072	1064	1054	1045	1035	1023	1008	991	968	942	913	882	850	815	781	749	719	697	678
165	1570	1557	1543	1527	1512	1493	1471	1446	1412	1374	1332	1288	1239	1188	1137	1087	1041	1004	972
170	2083	2074	2062	2047	2028	2005	1978	1947	1910	1869	1824	1775	1721	1663	1604	1546	1492	1450	1412
175	2378	2373	2364	2350	2331	2308	2282	2255	2226	2196	2164	2130	2094	2055	2017	1979	1942	1912	1883
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:0.1593A P:18.882W PF:0.9882 Freq:60.01Hz Lamp Flux:2189.62x1 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

γ (DEG)	C (DEG)																			
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355					
0	1937	1938	1940	1942	1942	1943	1946	1952	1960	1968	1975	1983	1991	1999	2009					
5	1779	1759	1742	1726	1706	1688	1673	1666	1662	1662	1663	1666	1672	1680	1691					
10	1415	1381	1351	1324	1294	1267	1244	1232	1225	1222	1219	1218	1221	1227	1238					
15	1002	972	946	923	897	873	853	844	838	836	834	835	837	842	848					
20	692	672	656	641	626	612	601	594	590	588	585	583	583	585	589					
25	506	497	492	488	480	471	464	459	456	454	453	454	454	455	456					
30	421	414	409	404	400	396	392	388	385	383	383	383	383	381	377					
35	359	354	347	336	311	283	259	246	240	241	251	270	296	323	352					
40	130	110	117	148	185	220	245	200	148	96.9	57.6	54.8	92.9	155	241					
45	37.1	39.5	43.7	49.3	54.0	57.5	59.1	52.1	44.1	36.5	31.3	30.9	35.6	42.8	52.8					
50	24.9	25.5	26.4	27.6	28.4	29.0	29.1	27.6	25.9	24.4	23.5	23.6	24.7	26.1	28.0					
55	18.9	18.8	18.8	19.0	19.2	19.3	19.5	19.2	19.0	19.0	19.2	19.8	20.5	21.0	21.5					
60	16.9	16.8	16.6	16.3	15.8	15.4	15.1	15.4	15.9	16.4	16.7	17.2	17.7	18.3	19.0					
65	14.5	14.0	13.6	13.3	13.1	12.9	12.9	13.2	13.6	14.1	14.2	14.3	14.5	14.7	14.8					
70	10.9	10.7	10.5	10.4	10.2	10.1	10.1	10.7	11.3	11.9	12.2	12.4	12.4	12.6	12.8					
75	10.7	10.5	10.2	9.83	9.56	9.40	9.38	9.86	10.4	11.0	11.4	11.6	11.7	11.9	12.0					
80	8.49	8.38	8.24	8.12	8.11	8.13	8.19	8.31	8.43	8.54	8.55	8.55	8.56	8.64	8.75					
85	5.94	5.88	5.78	5.69	5.71	5.75	5.81	5.87	5.93	6.01	6.12	6.23	6.32	6.40	6.47					
90	4.66	4.65	4.64	4.63	4.63	4.66	4.73	4.92	5.14	5.34	5.44	5.49	5.52	5.56	5.60					
95	4.98	5.00	4.99	4.97	4.94	4.94	4.95	5.05	5.17	5.30	5.40	5.47	5.54	5.65	5.79					
100	6.96	6.94	6.90	6.84	6.81	6.80	6.82	6.94	7.08	7.24	7.41	7.55	7.65	7.74	7.82					
105	9.49	9.58	9.63	9.62	9.48	9.35	9.30	9.60	9.96	10.3	10.5	10.6	10.6	10.6	10.7					
110	10.4	10.2	9.80	9.37	8.98	8.71	8.61	9.06	9.65	10.3	10.8	11.2	11.4	11.5	11.4					
115	11.0	10.8	10.7	10.6	10.4	10.3	10.3	10.4	10.6	10.8	11.1	11.5	12.0	12.6	13.4					
120	13.1	14.1	15.1	16.0	16.0	15.7	15.1	14.1	13.1	12.6	13.4	14.6	15.9	16.7	17.4					
125	15.9	16.4	16.9	17.4	17.4	17.2	16.8	16.2	15.5	15.1	15.3	15.8	16.7	17.8	19.1					
130	20.3	21.9	23.5	24.8	25.0	24.8	24.0	22.4	20.7	19.4	19.6	20.5	22.0	23.9	26.2					
135	27.3	31.1	35.4	39.5	42.8	44.8	44.6	38.2	31.0	25.3	27.1	31.3	37.1	42.1	47.6					
140	72.8	114	172	234	284	315	316	221	118	39.4	93.7	179	269	306	323					
145	334	364	397	424	417	396	364	317	270	230	226	233	245	251	258					
150	421	415	409	403	397	393	389	390	392	394	396	398	398	396	395					
155	502	494	487	482	478	475	474	473	473	473	473	473	472	471	470					
160	661	647	635	624	614	607	601	597	595	594	594	594	594	594	594					
165	943	918	896	876	859	846	836	832	831	832	836	839	843	847	852					
170	1378	1349	1321	1296	1274	1257	1244	1239	1239	1241	1245	1250	1253	1257	1263					
175	1858	1834	1813	1793	1777	1763	1754	1753	1755	1760	1766	1772	1776	1781	1786					
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	2019	2021	2021	2018	2012	2004	1996	1992	1987	1983
2.5	1880	1881	1879	1875	1866	1857	1848	1845	1843	1841
5.0	1704	1703	1700	1694	1684	1673	1664	1662	1662	1662
7.5	1484	1484	1480	1474	1463	1450	1440	1440	1442	1444
10.0	1252	1251	1249	1244	1234	1224	1216	1216	1218	1221
12.5	1039	1038	1036	1032	1023	1015	1008	1009	1011	1015
15.0	857.0	854.8	851.6	847.3	840.2	833.3	827.9	827.8	829.8	833.0
17.5	707.6	705.6	702.8	699.3	693.7	688.3	684.2	684.6	686.7	689.9
20.0	594.7	595.2	594.5	592.7	588.1	583.5	579.9	580.9	583.4	586.8
22.5	512.2	513.1	513.1	512.1	509.0	505.8	503.5	504.9	507.3	509.9
25.0	457.9	454.7	451.8	449.4	447.2	445.6	444.7	445.7	447.1	448.3
27.5	411.4	410.8	409.4	407.4	403.9	400.2	397.2	396.5	396.7	397.2
30.0	372.5	376.9	379.1	379.0	374.9	369.9	365.3	364.0	363.9	364.8
32.5	345.7	350.4	351.8	351.0	344.8	338.1	333.2	335.4	339.7	345.1
35.0	384.7	324.5	281.6	256.2	247.1	271.5	325.4	385.6	443.2	489.2
37.5	462.9	331.3	232.0	165.1	130.1	150.5	219.9	301.8	382.9	449.7
40.0	351.7	233.2	143.6	82.92	51.08	67.17	125.5	196.3	267.4	327.1
42.5	209.9	143.6	92.78	57.46	37.68	43.63	72.19	107.2	142.0	170.2
45.0	65.64	51.41	40.48	32.85	28.68	29.57	34.84	41.40	47.99	53.39
47.5	38.52	32.87	28.63	25.78	24.47	25.16	27.51	30.23	32.89	35.02
50.0	30.29	27.01	24.49	22.74	21.88	22.04	23.02	24.12	25.22	26.10
52.5	25.75	23.65	21.98	20.74	20.00	19.82	20.08	20.34	20.63	20.89
55.0	21.98	20.76	19.77	19.00	18.53	18.33	18.34	18.11	17.91	17.79
57.5	20.12	19.00	18.13	17.52	17.23	17.30	17.61	17.57	17.53	17.59
60.0	19.74	18.37	17.29	16.51	16.09	16.10	16.42	16.35	16.29	16.31
62.5	18.25	17.20	16.33	15.64	15.24	15.04	14.93	14.37	13.81	13.40
65.0	15.00	14.88	14.77	14.67	14.69	14.66	14.49	13.80	13.06	12.46
67.5	13.94	14.22	14.38	14.42	14.37	14.10	13.61	12.81	12.01	11.36
70.0	12.96	13.28	13.47	13.51	13.43	13.11	12.57	11.87	11.20	10.65
72.5	13.60	13.65	13.61	13.48	13.28	12.89	12.33	11.63	10.99	10.48
75.0	12.21	12.06	11.90	11.74	11.59	11.44	11.27	10.98	10.71	10.49
77.5	10.43	10.32	10.20	10.08	9.950	9.817	9.673	9.439	9.212	9.030
80.0	8.901	8.816	8.693	8.532	8.345	8.070	7.713	7.270	6.866	6.566
82.5	7.825	7.583	7.365	7.172	7.012	6.887	6.785	6.615	6.457	6.336
85.0	6.528	6.317	6.125	5.952	5.801	5.682	5.590	5.454	5.333	5.244
87.5	5.661	5.613	5.557	5.495	5.430	5.356	5.270	5.130	4.992	4.876
90.0	5.630	5.589	5.529	5.452	5.365	5.232	5.050	4.818	4.599	4.423
92.5	5.412	5.335	5.254	5.168	5.079	4.973	4.854	4.737	4.637	4.565
95.0	5.946	5.849	5.759	5.676	5.601	5.533	5.473	5.411	5.362	5.329
97.5	6.986	6.871	6.768	6.680	6.612	6.554	6.499	6.407	6.324	6.266
100.0	7.883	7.807	7.736	7.670	7.619	7.565	7.501	7.379	7.269	7.196
102.5	9.178	9.117	9.059	9.005	8.971	8.933	8.878	8.718	8.561	8.446
105.0	10.67	10.63	10.56	10.45	10.35	10.17	9.856	9.189	8.514	7.963
107.5	11.84	11.62	11.32	10.95	10.46	9.891	9.272	8.716	8.249	7.911
110.0	11.18	11.03	10.80	10.52	10.11	9.655	9.217	8.972	8.814	8.731
112.5	11.94	11.45	11.03	10.65	10.32	10.03	9.812	9.718	9.692	9.717
115.0	14.21	13.32	12.56	11.95	11.41	11.02	10.84	11.30	11.95	12.63
117.5	16.27	16.06	15.66	15.08	13.98	12.90	12.12	12.68	13.57	14.54
120.0	18.02	16.61	15.47	14.59	14.00	13.66	13.55	13.79	14.17	14.59
122.5	18.07	17.34	16.72	16.19	15.69	15.35	15.26	15.77	16.42	17.03
125.0	20.73	19.66	18.77	18.06	17.38	16.99	16.99	17.98	19.17	20.27
127.5	25.03	23.43	22.08	20.96	19.85	19.16	19.06	20.53	22.31	23.97
130.0	28.99	27.68	26.38	25.09	23.35	21.97	21.31	23.03	25.26	27.39
132.5	37.08	36.21	34.80	32.85	29.13	25.77	23.69	26.65	30.66	34.55
135.0	53.62	54.32	52.94	49.48	40.66	32.15	26.44	33.12	42.33	51.28
137.5	177.1	191.2	189.9	173.4	120.4	67.74	31.42	71.38	126.7	180.3
140.0	320.1	281.2	239.5	195.0	127.9	72.04	42.76	106.0	190.2	273.6
142.5	360.8	257.5	180.4	129.6	121.8	123.7	132.6	135.6	141.0	149.4
145.0	266.1	270.7	274.8	278.5	281.9	283.3	283.0	283.2	284.7	288.5
147.5	362.0	363.3	364.5	365.4	366.1	366.0	365.5	365.2	365.4	366.5
150.0	391.8	391.9	392.0	392.2	392.4	392.2	391.9	391.9	392.5	393.8
152.5	424.9	425.1	425.3	425.5	425.7	425.6	425.2	425.2	425.9	427.4
155.0	467.7	468.9	470.0	471.1	472.0	472.4	472.3	472.7	473.6	475.6
157.5	520.4	523.4	526.2	528.7	531.0	532.3	533.0	534.0	535.8	538.7
160.0	594.1	598.5	602.7	606.7	610.4	613.3	615.4	617.9	621.3	625.8
162.5	703.2	708.3	713.2	717.7	722.0	725.1	727.3	730.0	733.9	739.6
165.0	857.9	862.0	866.1	870.2	874.3	877.3	879.6	882.9	887.9	895.4
167.5	1046	1052	1059	1065	1071	1075	1078	1082	1088	1096
170.0	1269	1276	1283	1290	1297	1302	1305	1309	1315	1323
172.5	1517	1527	1535	1543	1549	1553	1556	1558	1563	1569
175.0	1791	1800	1808	1814	1819	1820	1819	1818	1818	1820
177.5	2030	2038	2045	2049	2052	2050	2046	2041	2037	2033
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	1974	1964	1955	1950	1946	1942	1939	1936	1934	1934
2.5	1835	1829	1825	1829	1835	1843	1849	1858	1868	1883
5.0	1658	1655	1655	1665	1679	1695	1709	1725	1744	1771
7.5	1441	1439	1441	1456	1477	1501	1523	1547	1575	1612
10.0	1219	1219	1223	1239	1261	1286	1310	1336	1368	1411
12.5	1013	1014	1018	1033	1054	1078	1100	1126	1157	1200
15.0	833.8	836.6	842.8	856.8	874.5	895.3	915.1	938.3	966.1	1005
17.5	691.4	694.6	700.7	713.8	729.8	747.8	763.1	781.0	803.2	836.8
20.0	587.9	590.3	594.9	605.3	618.0	632.3	644.5	658.7	676.2	702.3
22.5	509.1	509.1	511.2	520.2	531.4	543.7	552.5	562.5	575.0	595.3
25.0	446.3	444.9	445.6	453.2	463.1	473.7	481.0	488.9	498.4	513.4
27.5	395.9	395.5	396.8	402.9	410.8	419.4	426.4	433.8	442.2	453.2
30.0	365.8	367.6	370.3	374.1	378.6	383.7	388.1	393.0	398.9	407.4
32.5	347.8	350.6	353.4	356.2	359.7	363.8	367.1	370.4	373.9	377.8
35.0	462.2	422.0	375.7	330.9	311.0	321.2	330.1	336.8	349.2	353.2
37.5	415.2	362.8	302.3	245.7	216.9	217.8	227.2	243.6	263.9	281.8
40.0	306.4	269.4	222.7	172.6	136.5	118.5	111.3	113.1	123.6	148.7
42.5	152.3	125.6	94.37	63.10	43.88	38.19	35.07	36.07	41.25	49.23
45.0	50.33	45.60	39.98	34.27	30.51	29.04	28.45	28.71	29.77	31.66
47.5	33.78	31.84	29.55	27.34	25.85	25.21	24.77	24.64	24.81	25.38
50.0	25.43	24.49	23.46	22.64	22.21	22.20	22.24	22.36	22.54	22.71
52.5	20.55	20.17	19.82	19.62	19.65	19.86	20.00	20.14	20.26	20.33
55.0	17.72	17.75	17.82	17.87	17.98	18.16	18.25	18.31	18.33	18.27
57.5	17.81	18.10	18.35	18.30	18.12	17.84	17.48	17.09	16.71	16.55
60.0	16.32	16.40	16.49	16.37	16.35	16.42	16.43	16.43	16.43	16.59
62.5	13.41	13.59	13.88	14.09	14.33	14.56	14.58	14.53	14.43	14.28
65.0	12.49	12.73	13.07	13.34	13.60	13.81	13.78	13.66	13.49	13.29
67.5	11.42	11.68	12.05	12.38	12.69	12.96	13.12	13.22	13.25	13.14
70.0	10.72	10.97	11.33	11.70	12.06	12.38	12.59	12.75	12.86	12.88
72.5	10.64	10.96	11.37	11.75	11.98	12.02	11.94	11.81	11.66	11.63
75.0	10.47	10.51	10.58	10.63	10.64	10.61	10.51	10.39	10.27	10.19
77.5	9.005	9.032	9.084	9.108	9.124	9.122	9.062	8.982	8.893	8.814
80.0	6.703	6.951	7.257	7.560	7.724	7.727	7.618	7.470	7.313	7.268
82.5	6.317	6.333	6.359	6.336	6.294	6.236	6.140	6.051	5.987	6.027
85.0	5.229	5.246	5.276	5.279	5.285	5.287	5.251	5.205	5.157	5.111
87.5	4.852	4.857	4.876	4.884	4.875	4.846	4.789	4.729	4.674	4.661
90.0	4.451	4.525	4.615	4.670	4.665	4.604	4.544	4.488	4.444	4.468
92.5	4.593	4.647	4.713	4.773	4.801	4.792	4.769	4.739	4.703	4.682
95.0	5.345	5.374	5.407	5.429	5.429	5.405	5.371	5.340	5.318	5.352
97.5	6.298	6.349	6.395	6.369	6.328	6.283	6.252	6.233	6.228	6.270
100.0	7.261	7.362	7.508	7.542	7.542	7.579	7.627	7.662	7.674	7.606
102.5	8.497	8.589	8.685	8.661	8.659	8.694	8.766	8.836	8.893	8.873
105.0	7.950	8.131	8.443	8.799	9.199	9.592	9.801	9.936	10.01	10.02
107.5	7.900	8.030	8.273	8.607	9.017	9.462	9.843	10.16	10.40	10.39
110.0	8.729	8.786	8.896	9.023	9.280	9.664	10.13	10.58	10.97	11.06
112.5	9.776	9.863	9.972	10.06	10.22	10.46	10.84	11.22	11.58	11.77
115.0	13.19	13.56	13.67	12.96	12.19	11.65	12.45	13.53	14.60	15.01
117.5	15.11	15.43	15.42	14.61	13.67	12.85	12.89	13.27	13.90	14.93
120.0	14.90	15.12	15.18	14.79	14.38	14.10	14.42	14.89	15.40	15.70
122.5	17.19	17.15	16.95	16.37	15.83	15.51	15.96	16.60	17.29	17.71
125.0	20.58	20.55	20.19	19.15	18.12	17.37	17.83	18.59	19.42	19.82
127.5	24.47	24.44	23.91	22.38	20.80	19.58	20.03	20.89	21.87	22.24
130.0	28.03	28.03	27.42	25.69	23.84	22.32	22.66	23.49	24.48	24.87
132.5	35.44	35.17	33.91	31.15	28.08	25.36	25.16	25.81	27.01	28.42
135.0	52.86	51.82	48.63	42.41	35.86	30.43	30.50	32.53	35.83	37.46
137.5	188.4	180.6	159.7	120.6	79.42	44.86	45.35	55.86	74.84	98.81
140.0	305.6	315.0	301.7	242.1	180.1	132.7	155.6	186.8	224.7	254.6
142.5	165.3	184.0	204.8	226.3	249.3	273.4	297.5	320.7	341.7	356.2
145.0	301.6	316.6	332.5	348.1	359.9	367.5	373.9	379.6	384.9	391.8
147.5	370.2	374.9	380.3	386.4	393.0	400.0	407.2	414.5	421.9	428.3
150.0	396.3	399.8	404.4	410.2	418.1	428.0	438.8	449.9	461.0	470.0
152.5	430.3	434.4	439.9	446.8	456.2	468.1	481.1	494.8	508.8	521.2
155.0	479.0	483.9	490.4	498.7	510.1	524.6	540.5	557.5	575.1	591.4
157.5	543.8	550.6	559.4	570.2	584.5	602.2	621.8	643.0	665.3	687.5
160.0	632.1	640.3	650.9	664.3	682.5	705.3	730.9	758.7	788.4	818.8
162.5	747.8	758.9	773.2	791.4	816.1	847.2	881.8	919.1	958.1	996.7
165.0	906.6	921.3	940.0	963.1	993.4	1031	1072	1116	1162	1208
167.5	1109	1125	1145	1170	1203	1242	1286	1333	1383	1434
170.0	1335	1351	1372	1397	1432	1475	1522	1573	1625	1675
172.5	1582	1599	1620	1645	1676	1714	1755	1798	1842	1883
175.0	1828	1839	1854	1871	1894	1921	1951	1983	2015	2046
177.5	2034	2037	2042	2049	2060	2074	2090	2108	2126	2143
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	1935	1937	1938	1940	1942	1942	1943	1946	1952	1960
2.5	1900	1917	1932	1945	1959	1973	1987	2002	2018	2033
5.0	1800	1830	1855	1881	1906	1933	1959	1985	2008	2029
7.5	1651	1690	1723	1754	1785	1821	1855	1887	1913	1934
10.0	1457	1503	1542	1580	1616	1656	1694	1729	1756	1778
12.5	1246	1293	1332	1370	1409	1454	1498	1538	1567	1590
15.0	1048	1091	1128	1164	1201	1244	1287	1326	1354	1376
17.5	873.9	912.2	945.0	977.4	1010	1048	1085	1119	1144	1163
20.0	731.2	761.3	788.2	814.8	841.6	871.6	900.7	927.6	948.4	965.8
22.5	618.0	641.3	660.7	679.8	699.0	721.1	742.9	763.5	780.7	795.5
25.0	529.9	546.8	560.7	574.4	588.6	606.4	624.0	640.3	651.8	661.1
27.5	465.0	476.9	486.9	496.7	507.0	519.9	532.7	544.7	553.7	561.1
30.0	416.8	426.3	434.4	442.4	450.3	459.1	467.6	475.6	482.7	488.6
32.5	382.2	387.2	393.6	400.3	406.8	412.0	417.0	421.8	428.1	433.8
35.0	357.0	360.8	366.0	371.2	375.9	379.1	381.8	384.2	387.0	389.6
37.5	300.2	317.8	332.3	343.4	351.1	356.3	359.5	361.3	361.6	361.4
40.0	179.2	212.0	241.3	266.8	287.5	304.9	318.8	328.9	332.9	334.4
42.5	61.30	77.34	99.05	122.7	147.0	170.4	192.4	212.2	227.4	239.6
45.0	34.08	36.79	38.02	40.07	43.91	53.73	65.39	77.70	88.98	99.01
47.5	26.21	27.25	28.38	29.53	30.69	32.28	33.80	35.04	35.33	35.34
50.0	22.91	23.13	23.27	23.45	23.71	24.27	24.88	25.44	25.63	25.73
52.5	20.38	20.42	20.39	20.42	20.53	20.80	21.10	21.39	21.46	21.47
55.0	18.18	18.09	17.97	17.96	18.06	18.27	18.54	18.84	19.04	19.22
57.5	16.43	16.35	16.30	16.26	16.25	16.23	16.28	16.39	16.63	16.90
60.0	16.75	16.87	16.94	16.79	16.40	15.85	15.33	14.93	15.03	15.27
62.5	14.13	14.01	13.93	14.05	14.33	14.45	14.56	14.70	14.74	14.80
65.0	13.08	12.89	12.79	12.74	12.71	12.42	12.15	12.02	12.31	12.73
67.5	12.98	12.77	12.56	12.36	12.15	11.75	11.39	11.15	11.38	11.73
70.0	12.84	12.73	12.49	12.23	11.94	11.51	11.10	10.79	10.85	11.02
72.5	11.60	11.57	11.52	11.35	11.06	10.70	10.36	10.11	10.25	10.49
75.0	10.12	10.06	10.02	9.948	9.846	9.692	9.566	9.502	9.685	9.921
77.5	8.738	8.664	8.607	8.532	8.434	8.264	8.111	8.008	8.116	8.273
80.0	7.242	7.229	7.232	7.225	7.198	7.106	7.021	6.970	7.060	7.185
82.5	6.094	6.169	6.220	6.247	6.245	6.176	6.105	6.057	6.126	6.223
85.0	5.074	5.048	5.040	5.052	5.081	5.104	5.135	5.177	5.250	5.331
87.5	4.661	4.672	4.695	4.718	4.736	4.728	4.720	4.717	4.744	4.779
90.0	4.508	4.559	4.619	4.656	4.665	4.655	4.642	4.634	4.669	4.711
92.5	4.663	4.650	4.658	4.650	4.622	4.590	4.568	4.564	4.641	4.729
95.0	5.395	5.436	5.456	5.451	5.427	5.422	5.424	5.434	5.473	5.518
97.5	6.322	6.374	6.407	6.415	6.399	6.387	6.377	6.372	6.393	6.420
100.0	7.521	7.431	7.376	7.327	7.283	7.241	7.212	7.199	7.229	7.273
102.5	8.830	8.770	8.712	8.625	8.503	8.290	8.086	7.932	7.983	8.092
105.0	9.974	9.883	9.720	9.532	9.333	9.105	8.901	8.748	8.705	8.745
107.5	10.29	10.14	9.942	9.756	9.608	9.555	9.550	9.586	9.699	9.838
110.0	11.05	10.97	10.84	10.63	10.36	10.14	9.977	9.891	10.12	10.42
112.5	11.88	11.92	11.82	11.61	11.36	11.34	11.39	11.46	11.58	11.71
115.0	15.12	14.93	14.06	13.09	12.26	12.50	12.99	13.54	13.70	13.74
117.5	15.87	16.45	15.56	14.41	13.36	13.49	13.87	14.32	14.36	14.32
120.0	15.87	15.90	15.46	15.02	14.74	15.07	15.52	15.96	15.98	15.91
122.5	17.97	18.02	17.49	16.92	16.49	16.74	17.13	17.54	17.55	17.47
125.0	20.04	20.05	19.59	19.08	18.67	18.85	19.16	19.50	19.50	19.45
127.5	22.42	22.39	21.95	21.45	21.03	21.09	21.28	21.54	21.66	21.76
130.0	25.11	25.18	24.85	24.65	24.70	25.28	26.02	26.81	27.34	27.80
132.5	29.93	31.38	32.29	33.10	33.90	35.11	36.36	37.55	38.37	39.03
135.0	40.10	44.16	49.87	60.91	76.95	94.01	110.7	125.7	132.6	136.8
137.5	125.5	153.5	181.2	205.1	224.3	241.3	256.0	268.4	278.8	286.9
140.0	283.0	309.1	332.0	348.2	357.9	364.3	368.1	369.9	372.2	373.5
142.5	368.0	377.4	384.8	390.4	394.6	397.6	399.6	401.0	402.7	404.1
145.0	398.7	405.3	411.7	417.5	422.9	427.8	432.2	435.9	438.8	441.0
147.5	434.6	440.9	447.2	454.3	462.0	469.4	476.3	482.3	485.8	488.3
150.0	478.6	487.0	495.3	504.6	514.6	524.3	533.2	540.9	545.4	548.5
152.5	533.6	545.9	558.1	571.3	585.3	598.6	610.8	621.4	627.4	631.5
155.0	607.9	624.6	641.4	659.8	679.4	698.1	715.4	730.5	739.1	745.2
157.5	710.3	733.6	757.3	782.5	808.9	834.1	857.2	877.4	889.6	898.3
160.0	850.3	882.3	914.5	947.6	981.0	1013	1042	1067	1083	1094
162.5	1036	1076	1115	1156	1198	1237	1272	1303	1323	1338
165.0	1254	1301	1347	1394	1442	1486	1527	1562	1583	1599
167.5	1487	1540	1593	1645	1696	1742	1784	1821	1843	1859
170.0	1725	1774	1823	1870	1916	1959	1998	2031	2053	2070
172.5	1924	1965	2005	2046	2086	2124	2159	2192	2218	2240
175.0	2078	2109	2140	2172	2203	2234	2262	2289	2311	2330
177.5	2161	2179	2197	2214	2232	2248	2265	2281	2298	2314
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	1968	1975	1983	1991	2001	2011	2019	2022	2021	2018
2.5	2049	2063	2076	2088	2098	2107	2114	2117	2118	2117
5.0	2049	2066	2082	2094	2103	2109	2113	2118	2120	2121
7.5	1953	1969	1982	1993	1998	2001	2002	2004	2006	2007
10.0	1797	1811	1823	1831	1835	1837	1838	1843	1848	1853
12.5	1609	1623	1633	1641	1644	1646	1648	1653	1660	1667
15.0	1394	1408	1418	1425	1427	1426	1426	1428	1433	1439
17.5	1179	1193	1203	1209	1208	1204	1200	1203	1207	1213
20.0	979.9	992.1	1001	1006	1004	999.6	995.7	998.3	1003	1009
22.5	808.0	818.1	825.5	829.8	828.0	824.7	821.6	822.8	825.8	830.3
25.0	668.8	676.4	682.3	686.1	684.7	682.1	679.6	680.3	682.5	686.1
27.5	566.8	570.9	573.6	574.9	573.8	572.3	571.4	573.7	577.2	581.6
30.0	493.1	494.7	495.1	494.6	493.6	492.7	492.6	495.4	499.2	503.4
32.5	438.4	439.5	439.3	438.4	437.4	436.7	437.1	440.6	444.9	449.2
35.0	392.1	394.1	395.8	397.0	396.8	396.6	397.0	400.4	404.2	407.5
37.5	361.1	362.3	364.0	365.9	367.6	369.4	371.3	374.0	376.5	378.2
40.0	334.6	337.4	340.0	342.3	343.3	344.0	344.4	345.1	345.7	346.1
42.5	248.7	255.5	259.2	259.6	253.2	245.7	239.5	242.0	246.6	251.6
45.0	107.1	111.3	113.0	112.4	107.9	102.9	99.00	101.4	105.3	109.5
47.5	35.30	35.71	36.25	36.85	37.37	37.81	38.13	38.13	37.99	37.74
50.0	25.80	25.91	26.19	26.68	27.44	28.14	28.63	28.24	27.64	26.97
52.5	21.44	21.19	21.17	21.47	22.40	23.34	24.06	23.60	22.87	22.03
55.0	19.33	19.07	19.03	19.31	20.28	21.27	22.04	21.61	20.91	20.11
57.5	17.15	17.03	17.12	17.53	18.61	19.69	20.53	20.13	19.43	18.61
60.0	15.55	15.49	15.63	16.05	17.07	18.10	18.90	18.55	17.93	17.19
62.5	14.83	14.44	14.50	15.13	16.37	17.62	18.61	18.10	17.28	16.33
65.0	13.15	13.14	13.30	13.72	14.59	15.46	16.16	15.85	15.34	14.77
67.5	12.09	12.14	12.17	12.24	12.55	12.88	13.17	13.21	13.19	13.14
70.0	11.22	11.23	11.23	11.26	11.50	11.77	12.04	12.19	12.29	12.34
72.5	10.77	11.01	11.24	11.46	11.71	11.94	12.10	12.02	11.88	11.69
75.0	10.16	10.31	10.40	10.44	10.45	10.45	10.45	10.51	10.58	10.63
77.5	8.443	8.549	8.597	8.592	8.555	8.523	8.517	8.658	8.826	8.998
80.0	7.319	7.410	7.460	7.465	7.407	7.351	7.321	7.453	7.614	7.778
82.5	6.329	6.408	6.454	6.458	6.386	6.313	6.272	6.407	6.576	6.750
85.0	5.411	5.492	5.541	5.548	5.465	5.378	5.321	5.440	5.595	5.758
87.5	4.819	4.873	4.901	4.890	4.783	4.670	4.585	4.665	4.783	4.914
90.0	4.757	4.819	4.848	4.833	4.741	4.642	4.565	4.623	4.709	4.803
92.5	4.813	4.881	4.889	4.830	4.679	4.523	4.396	4.448	4.542	4.654
95.0	5.564	5.635	5.668	5.646	5.497	5.327	5.177	5.183	5.222	5.272
97.5	6.451	6.505	6.538	6.533	6.415	6.277	6.151	6.139	6.154	6.178
100.0	7.323	7.386	7.432	7.443	7.336	7.205	7.077	7.033	7.009	6.994
102.5	8.227	8.330	8.422	8.488	8.451	8.381	8.295	8.214	8.132	8.043
105.0	8.870	9.146	9.508	9.895	10.09	10.19	10.22	10.08	9.884	9.647
107.5	9.993	10.14	10.29	10.46	10.72	10.94	11.09	10.96	10.73	10.41
110.0	10.76	11.14	11.40	11.52	11.52	11.47	11.37	11.26	11.13	10.97
112.5	11.85	12.06	12.24	12.40	12.57	12.68	12.70	12.46	12.13	11.76
115.0	13.69	13.42	13.25	13.32	14.19	15.07	15.67	14.85	13.72	12.55
117.5	14.25	14.05	14.09	14.45	15.72	16.94	17.75	16.57	15.05	13.61
120.0	15.79	15.58	15.59	15.87	16.67	17.43	17.93	17.12	16.05	14.95
122.5	17.36	17.14	17.17	17.51	18.38	19.21	19.77	18.90	17.77	16.63
125.0	19.37	19.18	19.25	19.65	20.58	21.45	22.03	21.12	19.93	18.75
127.5	21.85	21.79	21.92	22.31	23.13	23.88	24.36	23.47	22.34	21.21
130.0	28.18	28.40	28.62	28.88	29.31	29.62	29.66	28.71	27.56	26.40
132.5	39.55	39.88	40.11	40.24	40.34	40.28	40.03	39.27	38.36	37.40
135.0	138.8	138.7	137.0	133.9	129.9	125.0	119.7	114.4	109.0	103.8
137.5	292.4	295.3	293.7	288.1	281.1	273.4	266.0	264.3	263.0	261.5
140.0	374.1	374.1	374.2	374.6	374.8	374.7	374.3	373.7	372.7	371.2
142.5	405.2	406.2	407.5	409.1	410.5	411.5	412.0	411.1	409.6	407.7
145.0	442.8	444.1	445.0	445.7	446.1	446.2	445.9	445.1	444.0	442.7
147.5	490.0	490.9	491.5	491.7	491.6	491.0	490.1	488.6	486.7	484.6
150.0	550.5	551.6	552.1	552.1	551.7	550.8	549.5	548.2	546.5	544.4
152.5	634.1	635.4	636.2	636.5	636.3	635.4	633.9	632.3	630.1	627.2
155.0	749.0	751.0	751.6	751.1	749.7	747.5	744.8	743.4	741.4	738.7
157.5	903.9	906.8	907.4	906.2	903.4	899.5	894.9	892.0	888.5	884.1
160.0	1102	1106	1107	1104	1100	1094	1086	1080	1072	1064
162.5	1347	1352	1352	1349	1342	1334	1323	1314	1303	1291
165.0	1609	1614	1616	1614	1609	1601	1592	1582	1570	1557
167.5	1869	1875	1878	1880	1878	1874	1867	1861	1852	1840
170.0	2082	2090	2095	2098	2098	2097	2093	2089	2083	2074
172.5	2258	2271	2279	2282	2282	2279	2274	2271	2265	2258
175.0	2347	2361	2370	2377	2380	2381	2380	2380	2378	2373
177.5	2328	2341	2349	2353	2356	2357	2356	2359	2360	2359
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	2012	2004	1996	1992	1987	1983	1974	1964	1955	1950
2.5	2113	2107	2100	2094	2086	2076	2061	2044	2026	2009
5.0	2120	2116	2109	2099	2086	2071	2053	2033	2010	1985
7.5	2011	2014	2014	2007	1998	1984	1969	1951	1928	1898
10.0	1860	1866	1869	1866	1859	1848	1837	1821	1798	1764
12.5	1677	1685	1691	1688	1681	1670	1656	1636	1610	1571
15.0	1449	1458	1465	1461	1453	1440	1428	1410	1386	1347
17.5	1223	1231	1237	1234	1227	1216	1205	1190	1168	1133
20.0	1018	1025	1030	1028	1022	1013	1005	993.1	976.5	948.5
22.5	838.7	846.7	852.3	849.7	844.0	836.2	831.2	823.6	811.8	789.0
25.0	693.1	700.0	705.2	704.3	700.9	695.8	692.0	686.1	677.0	659.7
27.5	587.6	593.0	596.9	595.9	593.0	588.6	584.8	579.8	573.2	563.5
30.0	507.9	511.7	514.2	513.1	510.5	507.0	504.0	500.5	496.5	492.5
32.5	451.5	453.1	453.9	453.9	453.2	451.7	449.7	447.0	443.7	439.9
35.0	407.7	407.1	406.4	407.1	407.9	408.4	408.1	407.1	405.3	402.2
37.5	377.5	376.2	374.6	374.0	373.6	373.4	373.6	373.6	373.0	371.1
40.0	346.0	345.5	344.6	343.1	341.1	338.9	337.7	335.5	331.4	324.4
42.5	253.4	254.1	253.7	252.8	250.1	245.1	236.0	224.4	210.4	195.1
45.0	111.4	112.5	112.7	112.5	110.9	107.2	99.45	89.75	78.76	66.36
47.5	37.27	36.86	36.66	37.20	37.84	38.38	38.50	38.19	37.34	35.22
50.0	26.45	26.13	26.03	26.33	26.71	27.05	27.10	26.96	26.61	25.77
52.5	21.41	21.05	20.98	21.25	21.62	22.01	22.15	22.20	22.16	21.91
55.0	19.57	19.28	19.25	19.30	19.42	19.56	19.61	19.65	19.67	19.56
57.5	17.81	17.81	17.76	17.62	17.51	17.46	17.48	17.56	17.65	17.66
60.0	16.74	16.50	16.45	16.18	15.95	15.81	15.92	16.12	16.35	16.37
62.5	15.63	15.32	15.35	15.15	15.00	15.00	15.31	15.73	16.14	16.24
65.0	14.43	14.44	14.75	14.68	14.59	14.55	14.56	14.62	14.68	14.46
67.5	13.22	13.29	13.29	12.88	12.45	12.14	12.41	12.82	13.24	13.31
70.0	12.38	12.35	12.23	11.85	11.49	11.24	11.52	11.90	12.28	12.33
72.5	11.46	11.27	11.13	10.87	10.65	10.54	10.80	11.14	11.46	11.50
75.0	10.66	10.56	10.33	9.925	9.551	9.300	9.631	10.08	10.53	10.75
77.5	9.172	9.231	9.160	8.923	8.691	8.536	8.793	9.123	9.453	9.579
80.0	7.916	7.970	7.929	7.762	7.595	7.483	7.648	7.865	8.076	8.108
82.5	6.889	6.946	6.910	6.750	6.587	6.474	6.631	6.832	7.022	7.035
85.0	5.890	5.950	5.928	5.794	5.655	5.554	5.682	5.842	5.982	5.943
87.5	5.029	5.094	5.097	5.006	4.902	4.819	4.877	4.957	5.026	4.982
90.0	4.872	4.899	4.879	4.812	4.742	4.687	4.739	4.804	4.859	4.836
92.5	4.746	4.789	4.776	4.714	4.645	4.588	4.631	4.687	4.737	4.729
95.0	5.289	5.266	5.201	5.120	5.035	4.958	4.935	4.925	4.923	4.918
97.5	6.182	6.159	6.108	6.024	5.940	5.869	5.885	5.914	5.940	5.928
100.0	6.959	6.918	6.868	6.781	6.696	6.629	6.636	6.663	6.694	6.691
102.5	7.917	7.808	7.720	7.623	7.542	7.490	7.508	7.557	7.628	7.707
105.0	9.378	9.151	8.976	8.747	8.559	8.448	8.572	8.761	8.967	9.067
107.5	9.973	9.567	9.242	9.031	8.920	8.926	9.172	9.495	9.839	10.09
110.0	10.77	10.52	10.23	9.931	9.677	9.497	9.590	9.767	10.01	10.35
112.5	11.38	11.01	10.66	10.36	10.11	9.937	9.998	10.14	10.33	10.59
115.0	11.99	11.67	11.54	11.47	11.43	11.37	11.13	10.90	10.75	10.95
117.5	13.49	13.81	14.39	14.67	14.78	14.64	13.60	12.56	11.85	12.84
120.0	14.36	14.13	14.21	14.31	14.42	14.45	13.95	13.51	13.29	14.20
122.5	16.08	15.95	16.17	16.35	16.48	16.50	15.97	15.42	14.98	15.22
125.0	18.20	18.12	18.42	18.56	18.65	18.61	18.00	17.39	16.94	17.38
127.5	20.69	20.61	20.88	20.99	21.03	20.97	20.42	19.89	19.52	20.01
130.0	25.70	25.34	25.27	25.05	24.79	24.47	23.80	23.17	22.74	23.22
132.5	36.58	35.94	35.45	34.81	34.11	33.33	32.24	31.18	30.27	30.15
135.0	99.13	96.42	95.49	94.32	92.38	89.09	79.17	68.22	57.13	47.31
137.5	259.3	255.0	248.1	239.3	228.4	215.3	197.1	177.4	156.7	136.6
140.0	369.3	367.3	365.0	361.5	356.3	349.1	338.4	325.2	309.1	290.3
142.5	405.6	403.9	402.6	400.9	398.9	396.2	393.7	389.9	384.5	376.9
145.0	441.3	440.3	439.7	438.5	436.5	433.5	426.8	419.2	411.0	402.8
147.5	482.4	480.6	479.1	477.2	474.5	470.9	464.4	456.9	448.9	440.6
150.0	541.9	539.0	535.6	531.5	526.8	521.3	514.5	506.9	498.7	490.0
152.5	623.7	619.5	614.4	608.4	601.4	593.3	583.3	572.3	560.6	548.2
155.0	735.1	730.1	723.5	715.4	705.8	694.5	680.1	664.2	647.2	629.3
157.5	878.6	871.6	862.8	852.3	839.7	824.9	805.8	784.6	761.9	738.0
160.0	1054	1045	1035	1023	1008	991.3	967.8	941.5	912.9	882.5
162.5	1278	1265	1252	1236	1218	1196	1168	1136	1101	1065
165.0	1543	1527	1512	1493	1471	1446	1412	1374	1332	1288
167.5	1826	1809	1789	1765	1738	1706	1667	1625	1579	1530
170.0	2062	2047	2028	2005	1978	1947	1910	1869	1824	1775
172.5	2247	2232	2213	2190	2163	2134	2101	2065	2027	1985
175.0	2364	2350	2331	2308	2282	2255	2226	2196	2164	2130
177.5	2356	2348	2335	2320	2302	2283	2264	2244	2223	2202
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	1946	1942	1939	1936	1934	1934	1935	1937	1938	1940
2.5	1993	1978	1962	1946	1931	1916	1902	1889	1879	1869
5.0	1959	1933	1910	1887	1863	1834	1806	1779	1759	1742
7.5	1865	1831	1800	1769	1735	1695	1654	1616	1586	1559
10.0	1724	1681	1641	1600	1558	1509	1460	1415	1381	1351
12.5	1526	1479	1435	1391	1346	1296	1247	1201	1168	1139
15.0	1302	1255	1213	1172	1130	1085	1042	1002	972.2	946.2
17.5	1094	1053	1016	979.1	942.4	902.6	864.3	829.2	803.1	780.8
20.0	916.1	881.5	849.7	818.0	786.3	752.7	720.7	692.1	672.0	655.6
22.5	762.4	734.5	710.9	687.8	664.5	638.0	612.5	589.7	575.0	563.2
25.0	639.9	619.5	604.0	588.6	572.1	548.8	525.9	505.8	497.3	492.2
27.5	552.3	540.1	528.6	516.2	502.5	483.8	465.6	450.0	444.3	441.6
30.0	487.5	481.1	471.5	460.8	449.7	439.3	429.4	420.6	414.2	408.8
32.5	435.4	430.0	423.0	415.6	408.5	404.0	399.7	395.2	388.6	381.6
35.0	398.3	393.5	387.8	381.7	375.5	370.2	364.9	359.1	354.5	347.4
37.5	367.9	363.3	358.4	350.7	338.8	315.1	288.8	262.9	245.1	232.6
40.0	313.7	298.6	275.4	248.7	220.2	186.1	156.8	129.8	110.2	117.0
42.5	177.3	156.5	129.3	102.2	78.16	61.36	50.94	47.47	52.78	73.80
45.0	54.32	43.88	39.15	36.78	36.06	35.51	35.88	37.15	39.46	43.67
47.5	32.74	30.27	28.81	27.83	27.33	27.45	28.01	28.95	30.29	32.28
50.0	24.85	24.03	23.87	23.94	24.15	24.29	24.51	24.86	25.45	26.39
52.5	21.66	21.49	21.57	21.70	21.83	21.68	21.53	21.44	21.58	22.01
55.0	19.50	19.53	19.72	19.90	20.00	19.68	19.30	18.94	18.76	18.81
57.5	17.75	17.92	18.15	18.35	18.45	18.17	17.80	17.42	17.17	17.04
60.0	16.42	16.53	16.71	16.89	17.01	17.02	16.96	16.86	16.75	16.57
62.5	16.27	16.27	16.33	16.38	16.42	16.53	16.59	16.59	16.44	16.24
65.0	14.43	14.65	14.90	15.13	15.29	15.13	14.86	14.51	14.01	13.61
67.5	13.34	13.38	13.41	13.40	13.32	13.07	12.76	12.44	12.14	11.89
70.0	12.32	12.29	12.28	12.21	12.06	11.69	11.29	10.90	10.68	10.52
72.5	11.50	11.48	11.51	11.51	11.47	11.25	10.98	10.70	10.44	10.17
75.0	10.84	10.85	10.91	10.94	10.94	10.90	10.81	10.68	10.48	10.19
77.5	9.632	9.636	9.673	9.704	9.726	9.734	9.723	9.688	9.571	9.446
80.0	8.122	8.142	8.206	8.276	8.351	8.424	8.477	8.492	8.375	8.241
82.5	6.995	6.929	6.910	6.899	6.897	6.928	6.955	6.968	6.908	6.839
85.0	5.863	5.772	5.736	5.722	5.733	5.809	5.888	5.943	5.876	5.782
87.5	4.926	4.876	4.868	4.878	4.907	4.987	5.066	5.120	5.067	4.981
90.0	4.783	4.715	4.669	4.633	4.610	4.623	4.643	4.663	4.651	4.639
92.5	4.699	4.656	4.640	4.636	4.646	4.687	4.734	4.779	4.804	4.808
95.0	4.909	4.897	4.901	4.910	4.922	4.941	4.960	4.978	4.999	4.995
97.5	5.877	5.791	5.713	5.639	5.579	5.574	5.586	5.612	5.649	5.671
100.0	6.690	6.696	6.703	6.719	6.751	6.821	6.896	6.956	6.943	6.901
102.5	7.793	7.880	7.940	7.993	8.043	8.091	8.138	8.183	8.273	8.309
105.0	9.128	9.158	9.171	9.184	9.210	9.294	9.391	9.490	9.583	9.632
107.5	10.28	10.39	10.39	10.36	10.34	10.47	10.59	10.63	10.42	10.06
110.0	10.61	10.75	10.75	10.69	10.60	10.59	10.53	10.42	10.17	9.804
112.5	10.83	11.04	11.22	11.36	11.42	11.25	11.01	10.74	10.49	10.25
115.0	11.25	11.57	11.73	11.82	11.83	11.61	11.33	11.05	10.84	10.68
117.5	14.06	15.07	14.44	13.47	12.43	11.96	11.74	11.76	12.29	12.85
120.0	15.19	15.94	15.32	14.39	13.43	13.02	12.89	13.10	14.09	15.13
122.5	15.58	15.87	15.61	15.22	14.80	14.46	14.29	14.39	15.44	16.47
125.0	17.93	18.36	17.93	17.30	16.63	16.22	15.96	15.91	16.40	16.95
127.5	20.51	20.77	20.11	19.24	18.35	17.92	17.71	17.81	18.71	19.64
130.0	23.65	23.78	22.84	21.68	20.56	20.06	19.93	20.27	21.87	23.51
132.5	29.86	29.16	27.27	25.24	23.38	22.66	22.54	23.14	25.35	27.66
135.0	40.63	37.10	33.62	30.92	29.02	27.28	26.61	27.30	31.09	35.42
137.5	116.0	95.36	74.14	54.85	38.78	31.18	28.74	32.26	45.91	62.56
140.0	265.9	236.3	204.8	172.8	141.9	109.2	85.67	72.84	114.3	172.0
142.5	365.5	350.2	332.4	312.3	290.2	257.7	231.0	211.7	292.2	387.6
145.0	396.6	392.4	387.9	382.4	375.5	356.3	342.0	334.0	363.7	397.0
147.5	432.9	425.8	419.1	412.7	406.7	402.0	397.6	393.4	389.5	384.1
150.0	480.6	470.8	460.9	451.2	441.9	434.3	427.3	420.9	415.1	409.1
152.5	535.2	521.7	508.3	495.2	482.8	472.0	462.2	453.5	445.9	439.5
155.0	610.7	591.6	572.8	554.7	537.9	524.3	512.5	502.2	493.6	486.8
157.5	713.1	687.6	662.5	638.4	616.2	598.9	583.8	570.9	559.8	550.5
160.0	849.7	815.4	781.5	748.9	718.8	696.6	677.6	661.2	647.3	634.9
162.5	1024	981.2	938.4	897.0	858.4	829.4	804.1	782.1	763.1	746.0
165.0	1239	1188	1137	1087	1041	1004	971.7	943.1	918.1	895.6
167.5	1477	1421	1365	1310	1259	1217	1180	1146	1116	1089
170.0	1721	1663	1604	1546	1492	1450	1412	1378	1349	1321
172.5	1939	1887	1835	1784	1735	1695	1659	1627	1597	1570
175.0	2094	2055	2017	1979	1942	1912	1883	1858	1834	1813
177.5	2179	2155	2132	2109	2088	2070	2054	2040	2028	2017
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	1942	1942	1943	1946	1952	1960	1968	1975	1983	1991
2.5	1861	1849	1839	1832	1831	1832	1836	1840	1845	1852
5.0	1726	1706	1688	1673	1666	1662	1662	1663	1666	1672
7.5	1534	1507	1483	1463	1453	1448	1447	1445	1446	1450
10.0	1324	1294	1267	1244	1232	1225	1222	1219	1218	1221
12.5	1113	1085	1059	1038	1026	1019	1016	1013	1014	1017
15.0	922.8	896.5	872.9	853.5	843.5	838.2	836.1	834.3	834.7	837.1
17.5	761.2	740.1	721.6	706.6	699.0	695.0	693.3	691.3	690.8	692.0
20.0	641.5	626.0	612.2	600.8	594.4	590.3	587.8	584.9	583.2	583.0
22.5	553.1	540.4	529.0	519.6	515.3	513.0	511.9	509.6	507.9	507.0
25.0	488.3	479.8	471.3	463.6	458.9	455.7	453.8	453.2	453.6	454.5
27.5	440.1	435.4	430.4	425.2	419.7	414.9	411.3	411.4	412.6	413.9
30.0	404.2	399.8	395.8	392.2	388.4	385.3	382.9	382.8	383.0	382.9
32.5	374.3	367.1	360.6	355.3	352.5	351.1	350.9	352.2	353.7	354.6
35.0	336.1	310.5	283.4	259.1	245.6	239.5	240.9	251.3	270.3	296.4
37.5	223.7	207.3	190.3	174.1	145.2	125.2	113.9	110.8	137.9	192.5
40.0	147.6	185.3	220.2	245.2	200.4	147.8	96.94	57.57	54.77	92.94
42.5	107.6	137.9	162.9	178.9	148.2	111.0	74.10	44.73	38.79	59.09
45.0	49.31	54.01	57.49	59.15	52.13	44.09	36.46	31.29	30.90	35.64
47.5	34.70	36.55	37.82	38.27	35.24	31.80	28.54	26.52	26.35	28.10
50.0	27.55	28.40	28.96	29.14	27.63	25.95	24.41	23.53	23.63	24.71
52.5	22.67	23.16	23.53	23.74	23.03	22.27	21.60	21.33	21.61	22.44
55.0	19.05	19.20	19.35	19.48	19.23	19.03	18.95	19.22	19.76	20.51
57.5	17.04	16.88	16.77	16.76	16.87	17.10	17.43	17.80	18.31	18.93
60.0	16.30	15.80	15.35	15.09	15.38	15.86	16.43	16.75	17.17	17.73
62.5	16.03	15.71	15.43	15.27	15.25	15.36	15.53	15.52	15.74	16.22
65.0	13.35	13.07	12.89	12.88	13.20	13.63	14.06	14.19	14.31	14.47
67.5	11.70	11.42	11.23	11.21	11.65	12.20	12.75	12.93	13.05	13.18
70.0	10.41	10.21	10.10	10.14	10.68	11.32	11.94	12.22	12.37	12.44
72.5	9.898	9.666	9.550	9.599	10.19	10.90	11.62	12.08	12.41	12.63
75.0	9.833	9.563	9.397	9.375	9.864	10.45	11.03	11.39	11.61	11.71
77.5	9.344	9.336	9.382	9.481	9.702	9.932	10.13	10.13	10.09	10.05
80.0	8.125	8.106	8.130	8.191	8.307	8.433	8.543	8.549	8.546	8.557
82.5	6.789	6.855	6.954	7.067	7.147	7.223	7.295	7.357	7.425	7.504
85.0	5.691	5.706	5.751	5.813	5.870	5.935	6.010	6.119	6.226	6.322
87.5	4.889	4.874	4.889	4.931	5.012	5.108	5.210	5.301	5.383	5.456
90.0	4.634	4.635	4.662	4.731	4.925	5.139	5.341	5.437	5.490	5.516
92.5	4.794	4.749	4.717	4.718	4.865	5.036	5.202	5.283	5.321	5.330
95.0	4.967	4.945	4.935	4.948	5.051	5.173	5.299	5.395	5.472	5.540
97.5	5.682	5.759	5.845	5.922	5.950	5.980	6.041	6.244	6.453	6.641
100.0	6.843	6.812	6.801	6.817	6.936	7.080	7.239	7.412	7.552	7.653
102.5	8.258	7.923	7.597	7.390	7.759	8.245	8.735	8.931	9.019	9.031
105.0	9.624	9.483	9.355	9.300	9.597	9.957	10.31	10.48	10.56	10.58
107.5	9.596	9.084	8.725	8.647	9.534	10.61	11.67	12.16	12.39	12.39
110.0	9.368	8.984	8.711	8.610	9.063	9.655	10.29	10.83	11.21	11.43
112.5	10.03	9.810	9.646	9.571	9.733	9.997	10.35	10.82	11.28	11.67
115.0	10.56	10.44	10.34	10.29	10.39	10.55	10.80	11.15	11.55	12.01
117.5	13.28	13.15	12.83	12.41	12.07	11.80	11.70	12.04	12.55	13.18
120.0	15.96	15.98	15.66	15.07	14.06	13.13	12.56	13.40	14.60	15.90
122.5	17.18	16.57	15.63	14.61	14.07	13.74	13.65	13.97	14.53	15.28
125.0	17.39	17.39	17.19	16.85	16.18	15.55	15.11	15.28	15.82	16.68
127.5	20.37	20.48	20.28	19.82	18.82	17.83	17.09	17.17	17.79	18.92
130.0	24.81	25.04	24.77	24.03	22.39	20.72	19.44	19.62	20.52	22.03
132.5	29.64	30.85	31.34	30.91	28.00	24.81	22.21	22.48	23.98	26.45
135.0	39.50	42.83	44.77	44.65	38.18	31.04	25.29	27.07	31.34	37.11
137.5	80.70	109.2	132.5	143.4	104.7	61.71	29.65	60.85	105.9	152.3
140.0	234.4	284.5	315.1	316.2	220.8	117.9	39.41	93.69	178.7	269.1
142.5	474.6	499.3	489.7	444.3	320.2	189.6	83.30	96.75	147.1	215.6
145.0	423.7	416.8	396.0	363.9	316.9	269.6	230.5	226.4	233.0	245.1
147.5	377.3	370.2	363.7	358.2	357.1	357.3	358.7	361.8	364.2	365.4
150.0	402.9	397.4	392.8	389.4	390.0	391.6	393.9	396.5	397.8	397.5
152.5	434.3	430.3	427.3	425.3	425.4	426.2	427.5	428.9	429.5	429.1
155.0	481.8	478.0	475.3	473.5	472.8	472.7	472.9	473.3	473.1	472.3
157.5	542.7	536.3	531.4	527.8	526.2	525.5	525.5	525.9	525.7	524.8
160.0	623.8	614.4	606.7	600.7	597.3	595.3	594.4	594.3	594.2	593.8
162.5	730.7	717.8	707.4	699.3	695.2	693.1	692.8	693.8	695.0	696.1
165.0	875.7	858.9	845.5	835.6	831.6	830.7	832.2	835.5	839.1	842.5
167.5	1065	1044	1027	1015	1012	1012	1016	1021	1026	1030
170.0	1296	1274	1257	1244	1239	1239	1241	1245	1250	1253
172.5	1545	1523	1505	1492	1488	1489	1492	1497	1501	1504
175.0	1793	1777	1763	1754	1753	1755	1760	1766	1772	1776
177.5	2006	1998	1991	1988	1991	1996	2002	2010	2016	2020
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	350.0	355.0
0.0	1999	2009
2.5	1860	1869
5.0	1680	1691
7.5	1458	1470
10.0	1227	1238
12.5	1022	1029
15.0	841.6	848.3
17.5	695.3	700.5
20.0	585.1	589.0
22.5	507.6	509.3
25.0	455.3	456.5
27.5	413.6	412.8
30.0	380.6	377.1
32.5	353.0	350.1
35.0	322.7	352.2
37.5	264.2	354.3
40.0	154.8	241.1
42.5	94.14	144.4
45.0	42.82	52.82
47.5	30.60	34.07
50.0	26.11	27.97
52.5	23.34	24.44
55.0	21.05	21.54
57.5	19.39	19.79
60.0	18.35	19.02
62.5	16.79	17.47
65.0	14.65	14.83
67.5	13.41	13.66
70.0	12.60	12.78
72.5	12.94	13.27
75.0	11.87	12.04
77.5	10.13	10.25
80.0	8.636	8.751
82.5	7.599	7.706
85.0	6.400	6.469
87.5	5.527	5.595
90.0	5.559	5.596
92.5	5.358	5.386
95.0	5.652	5.787
97.5	6.778	6.893
100.0	7.742	7.819
102.5	9.089	9.138
105.0	10.62	10.65
107.5	12.34	12.15
110.0	11.48	11.40
112.5	11.87	11.96
115.0	12.63	13.36
117.5	14.01	15.04
120.0	16.73	17.44
122.5	16.08	17.01
125.0	17.76	19.11
127.5	20.49	22.53
130.0	23.87	26.19
132.5	29.29	32.84
135.0	42.10	47.60
137.5	171.5	179.7
140.0	305.9	322.9
142.5	262.4	310.8
145.0	251.2	258.2
147.5	365.2	364.0
150.0	396.4	394.5
152.5	428.2	426.8
155.0	471.1	469.5
157.5	523.6	522.1
160.0	593.6	593.8
162.5	697.9	700.2
165.0	846.8	851.9
167.5	1035	1040
170.0	1257	1263
172.5	1508	1513
175.0	1781	1786
177.5	2024	2027
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: