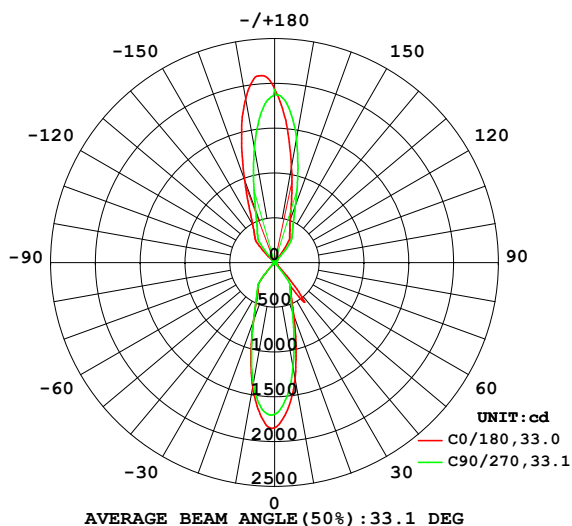


LUMINAIRE PHOTOMETRIC TEST REPORT

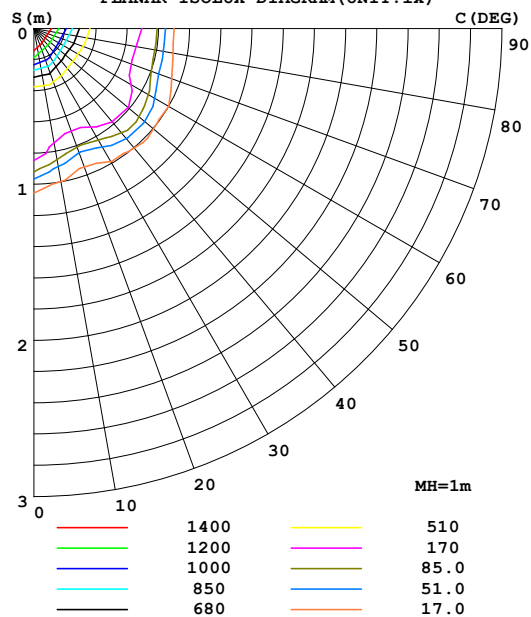
Test:U:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.73 lm/W
MODEL		Imax (cd)	2096	S/MH(C0/180)		0.54
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)		0.57
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1898.0	η UP,DN(C0-180)		26.0,24.3
NOMINAL FLUX(lm)	1898.02	CIE CLASS	DIFFUSE	η UP,DN(C180-360)		25.3,24.4
LAMPS INSIDE	1	η up (%)	51.3	CIBSE SHR NOM		0.50
TEST VOLTAGE(V)	120	η down (%)	48.7	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:

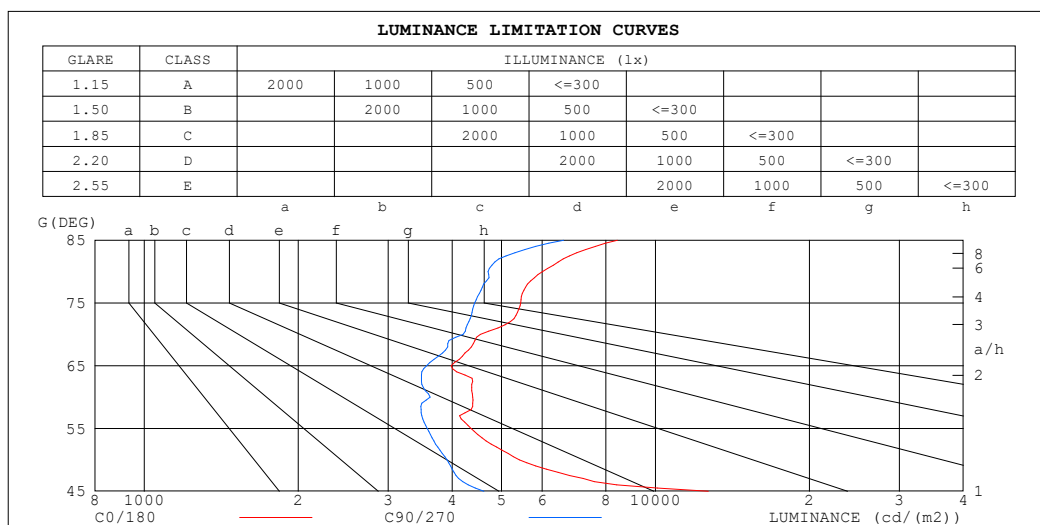
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1318	1079	1189	1490	1415	1605	1377	1114	0- 10	145.3	145.3	7.66,7.66
20	629.3	516.7	585.8	786.7	697.2	876.7	693.9	537.1	10- 20	265.0	410.3	21.6,21.6
30	362.8	322.0	348.2	407.8	375.7	439.2	397.3	346.4	20- 30	224.2	634.5	33.4,33.4
40	390.0	292.0	99.64	281.6	204.5	281.4	197.1	282.4	30- 40	192.8	827.3	43.6,43.6
50	27.33	22.74	19.74	21.31	21.82	23.29	21.18	25.75	40- 50	54.29	881.6	46.4,46.4
60	17.23	14.35	14.21	12.71	16.21	13.75	14.84	13.32	50- 60	15.33	897.0	47.3,47.3
70	12.19	9.368	11.28	9.445	9.990	9.703	10.60	8.881	60- 70	12.14	909.1	47.9,47.9
80	8.187	6.365	6.408	6.020	6.011	6.447	7.271	7.214	70- 80	9.422	918.5	48.4,48.4
90	4.709	3.870	3.906	4.024	3.851	4.082	4.005	4.299	80- 90	5.563	924.1	48.7,48.7
100	6.332	6.244	6.753	6.334	6.569	5.897	5.913	5.685	90-100	5.276	929.4	49,49
110	8.852	7.568	9.680	8.732	10.63	8.436	9.297	7.520	100-110	8.522	937.9	49.4,49.4
120	13.62	12.86	13.56	14.20	16.25	12.86	11.83	13.13	110-120	10.78	948.7	50,50
130	21.67	23.63	21.44	23.86	29.27	22.19	17.99	20.86	120-130	14.72	963.4	50.8,50.8
140	36.82	222.9	195.5	328.1	335.1	310.5	115.1	246.7	130-140	59.30	1023	53.9,53.9
150	342.1	342.8	403.5	480.0	493.5	461.4	387.3	339.9	140-150	191.9	1215	64,64
160	514.8	540.2	685.2	948.4	984.7	881.6	629.5	521.8	150-160	241.4	1456	76.7,76.7
170	1090	1135	1412	1786	1862	1723	1303	1074	160-170	284.5	1741	91.7,91.7
180	1933	1933	1933	1933	1933	1933	1933	1933	170-180	157.5	1898	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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	8424	6612
80	6006	4701
75	5453	4428
70	4541	4200
65	3982	3564
60	4390	3621
55	4357	3576
50	5416	3911
45	12693	4619

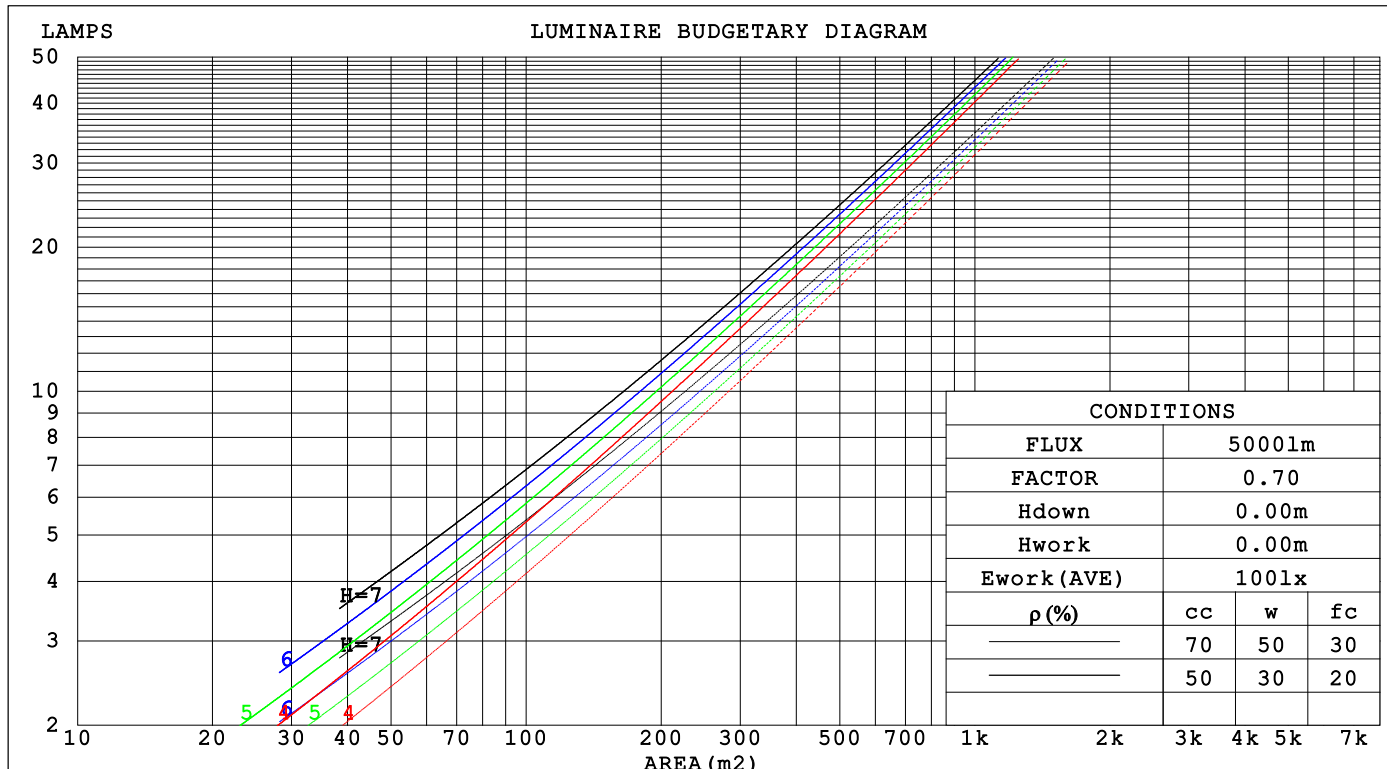
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 21 May 2025

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{fc}	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	.59	.57	.55	.49	.47	.46	.42														
3.0	.79	.73	.68	.74	.69	.65	.64	.60	.57	.54	.52	.50	.46	.44	.43	.39														
4.0	.72	.66	.61	.68	.62	.58	.59	.55	.52	.51	.48	.46	.43	.41	.40	.36														
5.0	.66	.60	.55	.62	.56	.52	.55	.50	.47	.47	.44	.42	.41	.39	.37	.34														
6.0	.61	.54	.50	.57	.52	.47	.51	.46	.43	.44	.41	.39	.39	.36	.35	.32														
7.0	.57	.50	.45	.53	.48	.43	.47	.43	.40	.42	.39	.36	.37	.34	.33	.30														
8.0	.53	.46	.42	.50	.44	.40	.44	.40	.37	.39	.36	.34	.35	.32	.31	.29														
9.0	.49	.43	.38	.47	.41	.37	.42	.37	.34	.37	.34	.32	.33	.31	.29	.27														
10.0	.46	.40	.36	.44	.38	.35	.39	.35	.32	.35	.32	.30	.31	.29	.27	.26														



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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	.113	.035	.187	.103	.032	.149	.083	.026	.114	.064	.020	.082	.046	.015		
3.0	.193	.103	.031	.174	.093	.028	.140	.076	.023	.108	.059	.018	.078	.043	.013		
4.0	.180	.094	.027	.163	.085	.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	.158	.079	.023	.144	.073	.021	.117	.060	.017	.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	.105	.053	.015	.084	.042	.012	.063	.032	.009		
9.0	.133	.064	.018	.122	.059	.017	.100	.050	.014	.080	.040	.011	.061	.031	.009		
10.0	.126	.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	.581	.581	.581	.497	.497	.497	.339	.339	.339	.195	.195	.195	.062	.062	.062	
1.0	.569	.551	.535	.486	.473	.461	.333	.325	.319	.192	.188	.185	.061	.061	.060	
2.0	.558	.529	.505	.478	.455	.437	.327	.315	.305	.189	.183	.179	.061	.059	.058	
3.0	.549	.513	.484	.470	.442	.420	.323	.307	.294	.186	.179	.174	.060	.058	.057	
4.0	.541	.500	.469	.464	.432	.408	.319	.301	.287	.185	.176	.170	.059	.057	.056	
5.0	.533	.490	.459	.458	.424	.399	.315	.296	.282	.183	.174	.167	.059	.057	.055	
6.0	.527	.482	.450	.453	.418	.392	.312	.292	.278	.181	.172	.165	.058	.056	.054	
7.0	.521	.476	.444	.448	.412	.387	.310	.289	.274	.180	.170	.163	.058	.056	.054	
8.0	.516	.471	.440	.444	.408	.383	.307	.287	.272	.179	.169	.162	.058	.055	.054	
9.0	.511	.466	.436	.440	.404	.380	.305	.284	.270	.178	.168	.161	.058	.055	.053	
10.0	.506	.462	.433	.436	.401	.378	.303	.282	.268	.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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	2H	14.3	15.0	15.1	15.9	16.9	13.5	14.3	14.4	15.1	16.1
	3H	14.3	15.0	15.2	15.9	16.9	13.5	14.2	14.4	15.1	16.1
	4H	14.5	15.1	15.4	16.0	17.1	13.7	14.3	14.6	15.1	16.3
	6H	14.7	15.2	15.6	16.1	17.3	13.8	14.4	14.7	15.2	16.4
	8H	14.8	15.3	15.7	16.2	17.4	13.8	14.4	14.8	15.3	16.5
	12H	14.9	15.4	15.8	16.3	17.5	13.9	14.4	14.9	15.4	16.5
4H	2H	13.9	14.5	14.8	15.4	16.5	13.2	13.8	14.1	14.6	15.8
	3H	14.1	14.6	15.0	15.5	16.7	13.3	13.8	14.2	14.7	15.9
	4H	14.4	14.8	15.3	15.8	17.0	13.5	14.0	14.5	14.9	16.1
	6H	14.7	15.1	15.7	16.1	17.3	13.8	14.2	14.8	15.2	16.4
	8H	14.9	15.2	15.9	16.2	17.5	14.0	14.3	15.0	15.3	16.6
	12H	15.1	15.4	16.1	16.4	17.7	14.1	14.5	15.2	15.5	16.8
8H	4H	14.3	14.6	15.3	15.6	16.9	13.5	13.9	14.5	14.8	16.1
	6H	14.7	15.0	15.7	16.0	17.3	13.9	14.2	14.9	15.2	16.5
	8H	15.0	15.3	16.0	16.3	17.6	14.2	14.4	15.2	15.4	16.8
	12H	15.4	15.6	16.4	16.6	18.0	14.5	14.7	15.5	15.7	17.1
12H	4H	14.2	14.5	15.2	15.5	16.8	13.4	13.8	14.5	14.8	16.0
	6H	14.7	15.0	15.7	16.0	17.3	13.9	14.2	15.0	15.2	16.5
	8H	15.0	15.3	16.1	16.3	17.6	14.2	14.5	15.3	15.5	16.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 4.7 / - 3.5					+ 1.9 / - 2.3				
1.5H		+ 7.2 / - 3.4					+ 4.0 / - 2.3				
2.0H		+ 2.2 / - 0.3					+ 0.1 / - 0.2				

CIE Pub.117, 1898 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 2.2$)
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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

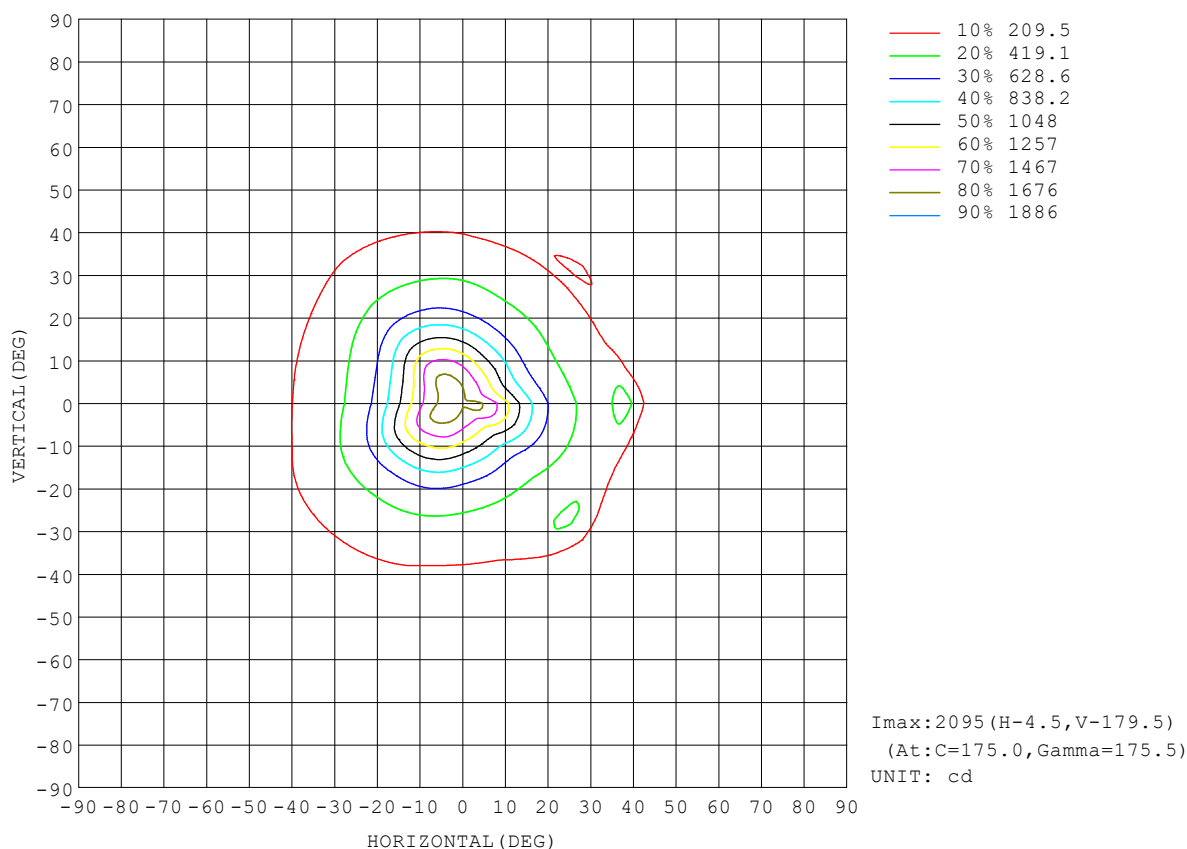
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	58	49	45	55	48	43	50	45	41	34
0.80	66	57	52	62	55	50	56	51	47	38
1.00	72	63	58	68	60	56	60	55	51	40
1.25	77	69	63	73	66	61	64	59	55	42
1.50	81	73	68	76	69	65	67	62	59	44
2.00	87	79	74	81	75	70	70	66	63	45
2.50	90	84	79	84	78	74	72	68	66	45
3.00	93	87	82	86	81	77	74	71	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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

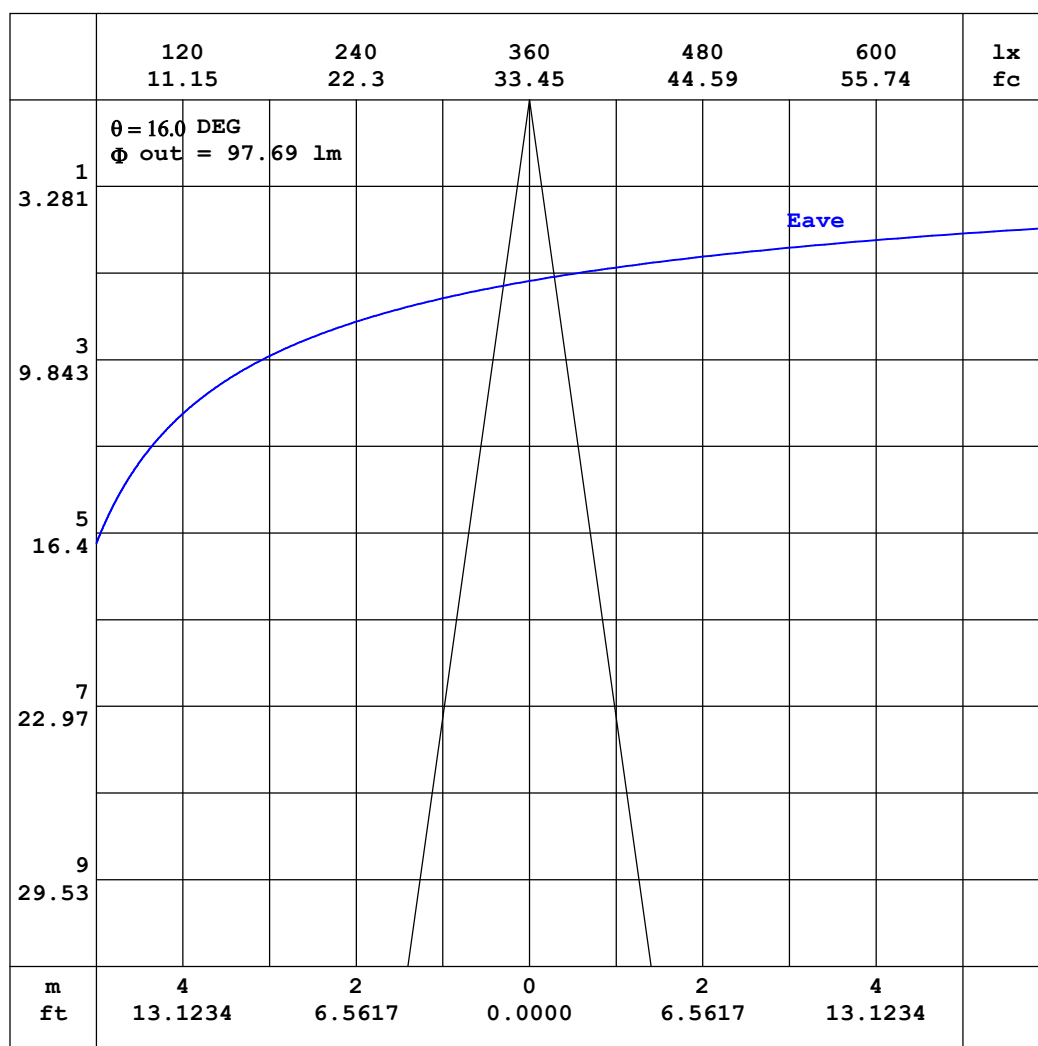


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:21 May 2025

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:



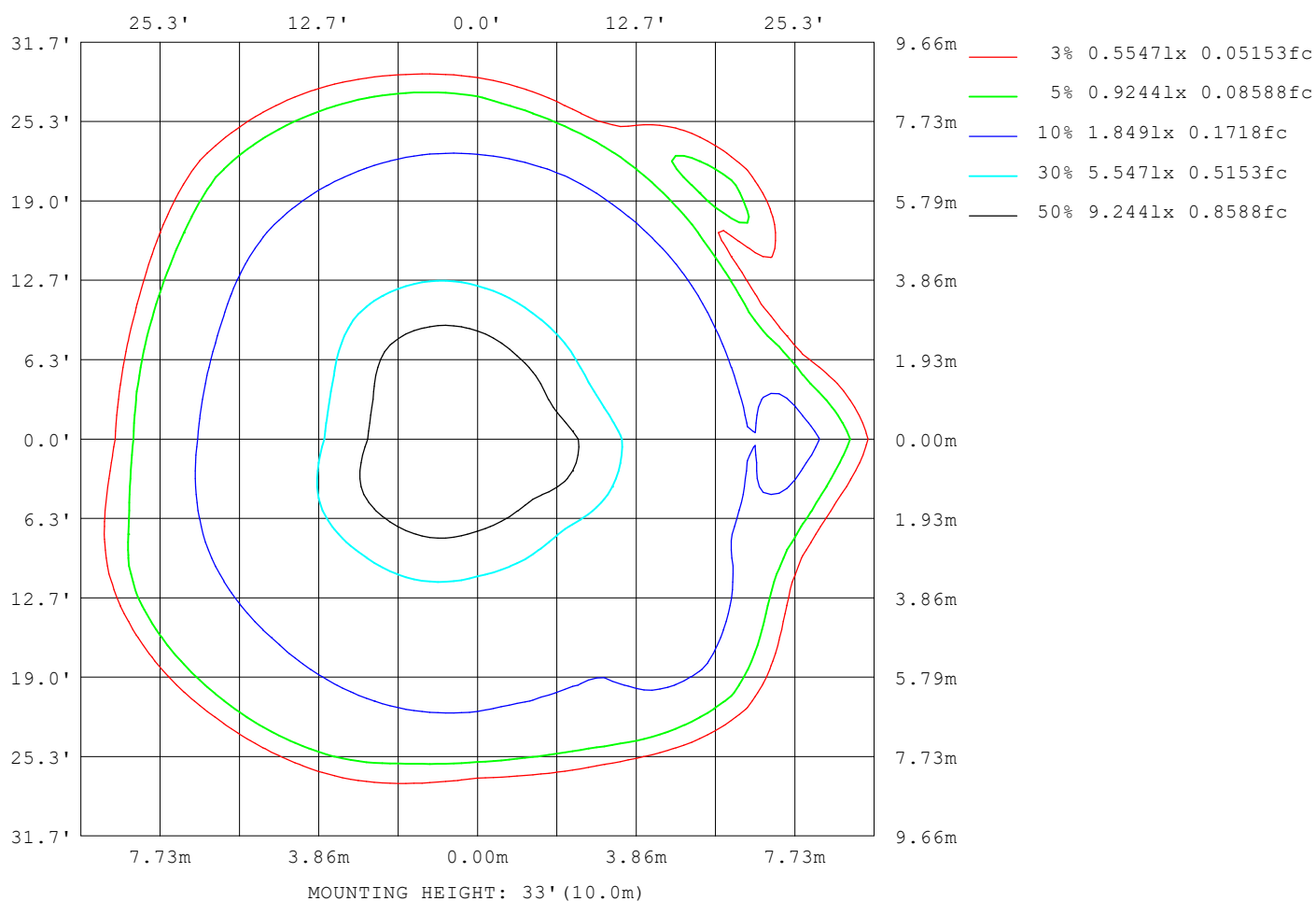
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 lm		
NAME: 4" SB-CWS01-20W-H-T	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 0.1	SERIAL No.:
MFR.:	SUR.: 0.1	Shielding Angle:

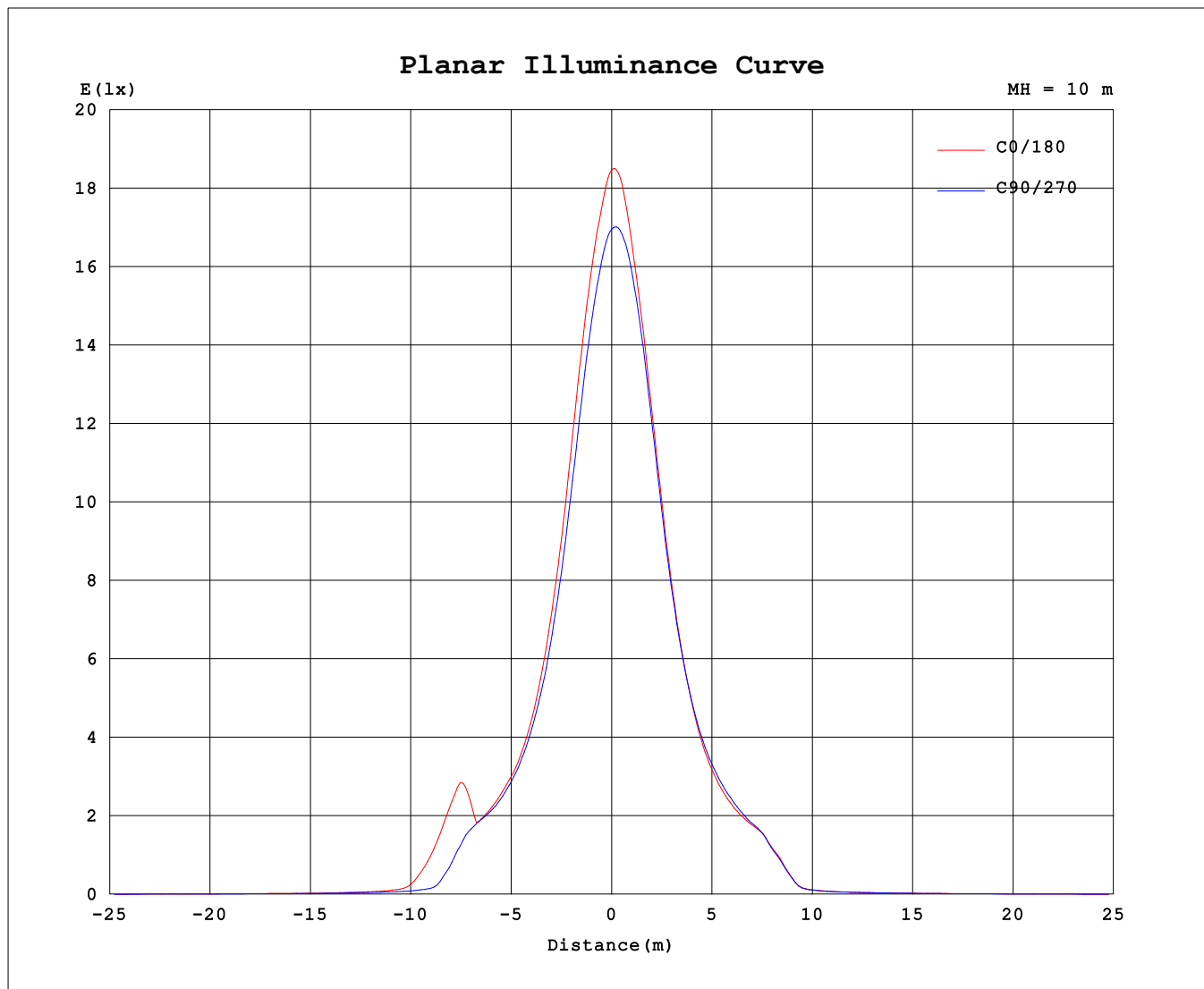
AvgL	cd/m2
L_0~180 (65) av	4066
L_0~180 (75) av	4790
L_0~180 (85) av	7309
L_90~270 (65) av	3770
L_90~270 (75) av	4569
L_90~270 (85) av	6957
L_45 (65) av	3410
L_45 (75) av	4154
L_45 (85) av	6872

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	1845	1852	1854	1852	1845	1831	1810	1787	1764	1743	1732	1724	1718	1714	1709	1705	1700	1697	1695
5	1655	1663	1663	1657	1643	1616	1578	1538	1499	1466	1455	1452	1455	1462	1470	1478	1489	1502	1519
10	1318	1325	1324	1314	1296	1262	1215	1166	1119	1079	1070	1070	1077	1091	1106	1121	1140	1162	1189
15	923	931	933	927	914	888	850	810	773	741	735	736	745	757	770	783	798	817	839
20	629	633	632	628	619	603	581	557	535	517	514	516	523	532	540	549	559	571	586
25	453	457	457	456	451	443	430	417	405	394	393	394	397	402	407	412	418	425	433
30	363	364	363	361	358	352	344	336	328	322	321	322	325	328	332	335	339	343	348
35	421	373	337	315	306	321	357	397	432	457	422	375	325	276	253	260	272	285	303
40	390	290	213	158	125	128	163	208	254	292	273	243	206	167	137	118	105	98.6	99.6
45	70.5	55.7	44.0	35.4	29.9	29.3	33.1	38.3	43.8	48.4	45.3	40.9	35.7	30.5	27.0	25.6	24.9	24.9	25.6
50	27.3	24.7	22.6	21.0	20.0	19.8	20.3	21.1	22.0	22.7	22.3	21.7	21.0	20.2	19.8	19.6	19.6	19.6	19.7
55	19.6	18.5	17.5	16.7	16.1	15.7	15.5	15.4	15.5	15.6	15.7	15.7	15.8	15.9	16.0	16.1	16.1	16.1	16.1
60	17.2	16.1	15.1	14.4	13.9	13.6	13.6	13.8	14.1	14.4	14.5	14.7	14.8	14.9	14.9	14.7	14.5	14.3	14.2
65	13.2	13.2	13.1	13.0	12.8	12.4	12.0	11.6	11.2	10.9	11.0	11.3	11.6	11.9	12.0	12.0	12.0	11.9	11.8
70	12.2	12.5	12.7	12.7	12.5	12.1	11.4	10.6	9.94	9.37	9.38	9.55	9.82	10.2	10.5	10.7	11.0	11.2	11.3
75	11.1	10.9	10.8	10.6	10.4	10.2	9.93	9.68	9.45	9.26	9.22	9.22	9.24	9.26	9.26	9.21	9.15	9.07	9.00
80	8.19	8.07	7.92	7.76	7.58	7.34	7.06	6.79	6.55	6.37	6.39	6.47	6.57	6.68	6.71	6.65	6.58	6.49	6.41
85	5.76	5.56	5.38	5.21	5.07	4.93	4.81	4.71	4.64	4.58	4.57	4.58	4.60	4.62	4.62	4.61	4.58	4.55	4.52
90	4.71	4.65	4.58	4.50	4.42	4.31	4.18	4.06	3.95	3.87	3.89	3.94	3.99	4.05	4.06	4.02	3.98	3.94	3.91
95	4.92	4.82	4.74	4.67	4.62	4.59	4.58	4.58	4.59	4.61	4.65	4.69	4.73	4.76	4.77	4.75	4.72	4.69	4.67
100	6.33	6.27	6.23	6.19	6.17	6.16	6.16	6.17	6.20	6.24	6.34	6.45	6.56	6.67	6.74	6.77	6.78	6.77	6.75
105	8.59	8.64	8.63	8.56	8.43	8.17	7.80	7.43	7.12	6.92	7.15	7.48	7.87	8.27	8.55	8.67	8.76	8.80	8.82
110	8.85	8.66	8.48	8.31	8.15	8.00	7.85	7.72	7.63	7.57	7.56	7.60	7.70	7.86	8.14	8.54	8.96	9.35	9.68
115	12.8	11.7	10.8	10.2	9.79	9.76	10.1	10.5	10.9	11.3	11.0	10.6	10.3	10.0	10.2	10.9	11.6	12.3	12.9
120	13.6	12.9	12.3	11.9	11.7	11.7	11.9	12.2	12.6	12.9	12.8	12.7	12.6	12.5	12.6	12.8	13.1	13.3	13.6
125	17.3	16.1	15.2	14.6	14.3	14.6	15.4	16.3	17.2	18.0	17.7	17.1	16.5	15.9	15.8	16.0	16.3	16.7	17.1
130	21.7	20.0	18.8	18.0	17.8	18.3	19.6	21.0	22.4	23.6	23.4	22.8	22.0	21.3	20.9	20.9	21.0	21.2	21.4
135	29.4	25.4	22.8	21.6	21.8	24.6	29.6	35.0	40.0	43.9	41.8	38.5	34.6	30.7	28.4	27.9	28.3	29.5	31.3
140	36.8	30.9	31.0	31.2	31.3	58.2	105	151	193	223	195	157	116	78.6	69.7	95.8	126	158	196
145	207	215	221	227	231	233	232	232	233	236	251	267	284	301	314	321	327	333	337
150	342	342	342	341	341	341	341	341	342	343	345	348	353	358	365	374	384	394	404
155	408	408	409	409	410	410	410	410	411	412	416	420	426	433	443	456	470	485	501
160	515	518	521	525	528	530	531	533	536	540	546	553	563	575	591	611	634	659	685
165	739	742	746	749	752	754	756	758	762	768	778	791	807	828	854	887	923	961	1002
170	1090	1097	1104	1110	1115	1119	1121	1124	1128	1135	1146	1160	1179	1203	1235	1274	1318	1364	1412
175	1549	1556	1561	1566	1569	1571	1570	1569	1570	1572	1579	1589	1602	1618	1639	1664	1691	1720	1750
180	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	1695	1696	1698	1700	1702	1704	1706	1709	1712	1713	1715	1720	1728	1745	1771	1798	1823	1845	1853
5	1541	1566	1592	1618	1643	1665	1687	1708	1728	1751	1772	1789	1801	1799	1784	1765	1746	1728	1723
10	1223	1260	1299	1338	1373	1406	1436	1464	1490	1521	1547	1566	1576	1563	1529	1490	1450	1415	1407
15	870	903	939	975	1010	1044	1076	1106	1134	1167	1194	1214	1223	1205	1162	1114	1065	1022	1011
20	607	631	656	681	705	727	748	768	787	811	833	848	856	842	808	770	731	697	688
25	445	457	471	484	498	510	522	534	546	561	574	583	588	579	557	533	509	487	483
30	356	364	372	380	387	392	398	403	408	416	424	429	432	428	415	401	387	376	375
35	310	315	320	323	326	328	329	331	332	336	340	343	344	343	338	333	327	322	319
40	119	143	172	201	225	244	259	272	282	288	291	290	286	275	257	238	220	205	202
45	26.8	28.5	30.7	33.4	36.3	39.4	43.0	47.3	52.2	61.5	70.5	78.1	83.3	80.6	70.4	58.2	45.5	33.8	29.0
50	19.9	20.0	20.2	20.5	20.6	20.8	21.0	21.1	21.3	21.5	21.8	21.9	22.1	22.2	22.3	22.2	22.1	21.8	21.0
55	16.1	16.0	16.0	15.9	16.0	16.0	16.1	16.2	16.2	16.2	16.1	16.1	16.2	16.6	17.3	18.0	18.5	18.9	18.3
60	14.4	14.6	14.7	14.8	14.7	14.2	13.7	13.1	12.7	12.6	12.7	12.9	13.2	13.7	14.4	15.1	15.8	16.2	15.9
65	11.7	11.6	11.5	11.4	11.2	11.0	10.8	10.6	10.5	10.6	10.8	11.0	11.3	11.7	12.3	12.9	13.4	13.8	13.5
70	11.2	11.0	10.7	10.5	10.2	9.96	9.75	9.57	9.44	9.49	9.59	9.71	9.84	9.92	9.95	9.96	9.98	9.99	10.1
75	8.92	8.84	8.76	8.67	8.54	8.40	8.26	8.17	8.12	8.30	8.51	8.73	8.92	8.96	8.84	8.69	8.53	8.38	8.40
80	6.37	6.33	6.30	6.27	6.22	6.15	6.09	6.04	6.02	6.12	6.23	6.34	6.43	6.42	6.32	6.20	6.09	6.01	6.11
85	4.49	4.45	4.42	4.39	4.38	4.37	4.38	4.40	4.44	4.54	4.65	4.75	4.82	4.78	4.64	4.49	4.35	4.24	4.32
90	3.93	3.96	4.00	4.04	4.06	4.05	4.03	4.03	4.02	4.08	4.14	4.19	4.23	4.20	4.11	4.01	3.92	3.85	3.90
95	4.70	4.73	4.77	4.81	4.82	4.81	4.79	4.78	4.77	4.82	4.88	4.93	4.98	4.98	4.94	4.89	4.84	4.79	4.80
100	6.70	6.64	6.58	6.51	6.45	6.40	6.37	6.34	6.33	6.37	6.41	6.46	6.52	6.55	6.57	6.58	6.58	6.57	6.54
105	8.86	8.87	8.85	8.79	8.65	8.41	8.18	7.97	7.82	7.87	8.00	8.18	8.41	8.69	8.99	9.28	9.53	9.70	9.64
110	9.76	9.75	9.69	9.57	9.39	9.17	8.97	8.82	8.73	8.94	9.22	9.55	9.88	10.2	10.4	10.5	10.6	10.6	10.5
115	12.7	12.4	12.1	11.7	11.5	11.7	11.8	12.0	12.1	11.9	11.6	11.4	11.3	11.7	12.5	13.4	14.1	14.6	14.0
120	13.5	13.4	13.3	13.3	13.3	13.6	13.8	14.0	14.2	14.0	13.8	13.6	13.5	13.9	14.6	15.3	15.9	16.3	15.6
125	17.1	17.1	17.0	16.9	16.9	17.0	17.2	17.3	17.4	17.1	16.9	16.8	16.8	17.4	18.4	19.5	20.4	21.0	20.2
130	21.4	21.3	21.3	21.3	21.6	22.1	22.6	23.2	23.9	24.3	24.7	25.1	25.6	26.3	27.4	28.3	28.9	29.3	28.2
135	32.2	34.2	37.9	43.8	55.1	71.5	88.9	106	122	130	136	139	141	141	139	137	133	128	123
140	223	250	273	294	308	317	323	326	328	330	331	332	332	333	334	335	335	335	334
145	344	350	356	362	368	373	378	382	386	389	391	393	395	396	397	398	398	398	396
150	412	420	428	436	445	454	464	472	480	485	488	491	492	493	494	495	494	493	491
155	516	531	547	563	580	599	617	633	648	657	664	668	671	673	674	674	673	671	668
160	712	741	770	799	831	863	894	923	948	966	979	989	995	998	999	996	991	985	976
165	1045	1088	1132	1177	1221	1266	1308	1346	1380	1402	1420	1433	1441	1446	1448	1446	1441	1433	1422
170	1458	1503	1549	1593	1637	1679	1719	1755	1786	1808	1824	1837	1846	1854	1860	1863	1864	1862	1857
175	1779	1808	1837	1866	1895	1923	1950	1976	2000	2022	2042	2059	2073	2084	2090	2094	2095	2093	2090
180	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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

γ (DEG) \ C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1856	1853	1845	1831	1810	1787	1764	1743	1732	1724	1718	1714	1709	1705	1700	1697	1695	1695	1696
5	1723	1726	1732	1746	1765	1784	1800	1811	1802	1786	1767	1744	1722	1702	1682	1661	1640	1618	1595
10	1408	1417	1433	1462	1501	1540	1576	1605	1604	1593	1574	1548	1519	1487	1452	1415	1377	1338	1299
15	1011	1021	1040	1074	1121	1169	1213	1248	1245	1231	1208	1178	1145	1112	1076	1039	1001	965	929
20	688	695	710	737	775	813	848	877	877	868	852	831	806	780	752	723	694	668	643
25	484	491	501	518	541	563	584	601	601	596	587	575	562	549	534	519	504	488	472
30	377	382	389	398	410	421	431	439	440	438	434	429	423	417	411	405	397	389	380
35	317	317	318	323	331	339	347	354	355	354	352	349	345	342	339	334	330	324	318
40	203	208	216	227	241	256	270	281	287	288	287	282	271	256	238	218	197	168	144
45	26.7	26.9	29.7	37.7	50.2	63.0	74.7	83.7	80.1	73.3	64.6	54.9	47.2	41.9	37.6	34.2	31.9	31.6	32.2
50	20.1	19.4	18.8	19.0	20.0	21.1	22.3	23.3	23.3	23.1	22.8	22.3	21.9	21.6	21.4	21.2	21.2	21.4	21.7
55	17.6	16.8	16.0	15.7	15.9	16.2	16.6	17.0	17.1	17.2	17.2	17.2	17.3	17.4	17.5	17.5	17.5	17.3	17.0
60	15.4	14.8	14.2	13.8	13.7	13.6	13.7	13.8	13.9	14.0	14.1	14.3	14.4	14.5	14.7	14.8	14.8	15.0	15.1
65	13.2	12.7	12.3	12.1	12.2	12.3	12.4	12.6	12.6	12.6	12.7	12.7	12.8	12.9	13.1	13.1	13.2	13.1	12.9
70	10.1	10.2	10.2	10.2	10.0	9.90	9.77	9.70	9.90	10.1	10.4	10.6	10.8	10.8	10.8	10.7	10.6	10.4	10.2
75	8.45	8.50	8.54	8.49	8.34	8.21	8.12	8.10	8.39	8.75	9.12	9.48	9.68	9.72	9.70	9.65	9.57	9.56	9.53
80	6.25	6.39	6.53	6.59	6.55	6.51	6.47	6.45	6.56	6.70	6.86	7.01	7.11	7.17	7.21	7.24	7.27	7.33	7.39
85	4.45	4.59	4.73	4.81	4.82	4.82	4.81	4.81	4.88	4.95	5.03	5.09	5.11	5.09	5.06	5.02	5.00	5.05	5.10
90	3.98	4.06	4.14	4.18	4.16	4.14	4.11	4.08	4.11	4.13	4.16	4.18	4.17	4.13	4.09	4.04	4.00	4.01	4.03
95	4.80	4.81	4.80	4.76	4.69	4.60	4.52	4.44	4.40	4.37	4.35	4.34	4.33	4.32	4.32	4.33	4.33	4.35	4.37
100	6.50	6.45	6.39	6.30	6.20	6.09	5.99	5.90	5.86	5.84	5.84	5.84	5.85	5.86	5.87	5.89	5.91	5.97	6.03
105	9.49	9.27	9.01	8.69	8.33	7.99	7.69	7.46	7.51	7.63	7.79	7.97	8.07	8.07	8.07	8.06	8.06	8.14	8.22
110	10.3	10.0	9.75	9.44	9.12	8.83	8.60	8.44	8.56	8.75	8.98	9.22	9.36	9.40	9.39	9.36	9.30	9.24	9.15
115	13.1	12.1	11.1	10.4	10.2	10.0	9.96	9.96	9.85	9.76	9.71	9.70	9.79	9.97	10.2	10.3	10.4	10.2	10.0
120	14.8	13.9	13.0	12.5	12.5	12.6	12.7	12.9	12.7	12.6	12.4	12.2	12.0	11.9	11.8	11.8	11.8	12.1	12.5
125	19.0	17.8	16.6	15.9	16.0	16.2	16.5	16.7	16.4	16.1	15.8	15.4	15.1	14.9	14.8	14.7	14.6	14.5	14.5
130	26.9	25.4	24.0	23.0	22.6	22.4	22.3	22.2	21.9	21.5	21.1	20.7	20.1	19.5	18.9	18.4	18.0	18.1	18.3
135	117	111	105	97.0	88.7	80.3	72.0	63.9	56.9	50.5	44.6	39.5	35.1	31.6	28.9	26.8	25.5	25.0	25.1
140	332	330	328	326	324	321	317	311	300	288	272	254	229	200	170	141	115	95.3	81.3
145	394	392	390	389	388	387	385	382	376	370	362	355	349	345	341	336	330	318	305
150	489	486	482	479	475	471	467	461	455	448	440	432	423	414	405	396	387	380	374
155	665	661	656	650	644	636	627	616	603	588	572	555	538	520	503	487	471	459	448
160	967	956	944	933	923	911	898	882	859	834	807	778	748	717	686	657	629	609	591
165	1409	1394	1378	1362	1346	1328	1308	1284	1251	1215	1175	1133	1088	1042	995	950	908	875	846
170	1848	1837	1823	1808	1792	1773	1750	1723	1688	1649	1606	1560	1511	1457	1404	1352	1303	1264	1228
175	2085	2078	2067	2054	2038	2020	1999	1976	1952	1925	1897	1867	1834	1797	1761	1725	1691	1662	1636
180	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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:119.94V I:0.1729A P:20.467W PF:0.9871 Freq:60.01Hz Lamp Flux:1898.02x1 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	1698	1700	1702	1704	1706	1709	1712	1713	1715	1720	1728	1741	1760	1784	1813				
5	1574	1554	1536	1521	1508	1497	1488	1474	1464	1459	1462	1477	1506	1546	1595				
10	1261	1226	1196	1170	1149	1130	1114	1092	1076	1067	1068	1087	1123	1174	1239				
15	895	864	838	816	797	781	768	751	738	732	733	747	775	814	863				
20	620	599	581	567	555	545	537	526	517	512	513	521	538	562	592				
25	457	443	433	425	420	415	411	405	401	398	398	401	409	421	435				
30	372	364	358	354	351	349	346	342	339	337	335	337	340	346	353				
35	311	303	293	281	269	258	248	238	232	231	237	254	282	320	366				
40	120	104	121	166	213	254	282	229	167	105	56.3	49.7	90.9	161	261				
45	33.7	36.0	39.6	44.2	48.5	51.8	53.5	47.1	39.8	33.0	27.7	27.5	32.9	41.9	54.4				
50	22.2	22.7	23.4	24.3	25.0	25.5	25.8	24.4	22.9	21.4	20.2	20.0	20.8	22.3	24.5				
55	16.7	16.5	16.5	16.6	16.8	16.9	17.1	17.0	16.8	16.7	16.7	16.9	17.3	17.9	18.7				
60	15.2	15.2	15.0	14.6	14.1	13.7	13.3	13.3	13.4	13.7	14.1	14.5	15.0	15.7	16.4				
65	12.6	12.4	12.1	11.8	11.6	11.4	11.2	11.3	11.5	11.8	12.0	12.3	12.5	12.7	13.0				
70	9.95	9.71	9.45	9.21	9.02	8.90	8.88	9.16	9.54	9.98	10.4	10.9	11.2	11.6	11.9				
75	9.48	9.39	9.20	8.90	8.62	8.40	8.28	8.54	8.90	9.32	9.77	10.1	10.4	10.7	10.9				
80	7.43	7.46	7.45	7.39	7.32	7.26	7.21	7.24	7.29	7.36	7.45	7.56	7.69	7.84	8.00				
85	5.16	5.21	5.20	5.13	5.06	5.01	4.98	5.10	5.25	5.41	5.56	5.68	5.74	5.77	5.78				
90	4.07	4.10	4.13	4.16	4.19	4.24	4.30	4.43	4.56	4.69	4.81	4.87	4.88	4.86	4.80				
95	4.39	4.41	4.40	4.38	4.36	4.35	4.36	4.44	4.54	4.65	4.75	4.83	4.88	4.91	4.92				
100	6.07	6.10	6.05	5.93	5.82	5.73	5.68	5.88	6.12	6.37	6.60	6.72	6.73	6.66	6.53				
105	8.30	8.37	8.38	8.34	8.30	8.28	8.30	8.52	8.77	9.02	9.22	9.31	9.26	9.12	8.90				
110	9.03	8.88	8.61	8.25	7.91	7.65	7.52	7.92	8.43	8.96	9.45	9.71	9.72	9.57	9.29				
115	9.75	9.48	9.28	9.14	9.06	9.01	9.03	9.08	9.20	9.40	9.68	10.1	10.6	11.2	12.0				
120	12.8	13.2	13.4	13.4	13.4	13.3	13.1	12.8	12.4	12.0	11.8	11.7	12.0	12.3	12.9				
125	14.5	14.5	14.6	14.6	14.7	14.7	14.7	14.3	13.9	13.7	13.5	13.7	14.2	15.0	16.1				
130	18.7	19.1	19.6	20.1	20.5	20.8	20.9	20.0	19.1	18.2	17.5	17.3	17.8	18.7	20.0				
135	25.7	26.8	28.6	30.9	33.0	34.8	35.7	33.2	30.1	26.9	23.9	22.5	22.8	24.0	26.2				
140	74.2	75.4	98.7	141	185	222	247	212	164	111	59.0	27.2	27.9	28.7	29.7				
145	291	279	270	265	261	257	251	238	224	210	199	192	190	192	198				
150	368	363	357	352	347	343	340	340	342	344	346	347	346	345	344				
155	439	432	425	421	417	415	413	412	412	412	412	412	411	410	409				
160	576	563	552	542	534	527	522	519	517	516	516	516	515	515	515				
165	820	798	777	759	744	732	723	719	718	719	721	724	727	730	734				
170	1197	1169	1143	1121	1101	1086	1074	1070	1068	1070	1073	1076	1078	1082	1085				
175	1612	1590	1570	1552	1537	1525	1517	1515	1517	1521	1526	1531	1535	1540	1544				
180	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933				

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	1845	1852	1854	1852	1845	1831	1810	1787	1764	1743
2.5	1771	1779	1780	1776	1766	1745	1714	1682	1650	1622
5.0	1655	1663	1663	1657	1643	1616	1578	1538	1499	1466
7.5	1502	1511	1512	1504	1487	1454	1408	1359	1313	1273
10.0	1318	1325	1324	1314	1296	1262	1215	1166	1119	1079
12.5	1110	1119	1120	1113	1098	1068	1025	979.3	936.0	898.8
15.0	922.8	931.4	932.9	927.1	914.1	887.8	849.9	810.3	772.7	740.7
17.5	762.0	768.4	769.0	763.7	752.6	730.6	699.2	666.5	635.7	609.8
20.0	629.3	632.9	632.4	628.0	619.5	603.3	580.6	557.2	535.1	516.7
22.5	527.7	530.8	531.0	528.1	522.3	510.8	494.4	477.4	461.4	448.1
25.0	453.4	456.5	457.2	455.5	451.4	442.8	430.3	417.2	404.8	394.3
27.5	404.4	405.9	405.5	403.2	399.0	391.3	380.5	369.4	358.9	350.1
30.0	362.8	363.7	363.1	361.3	358.1	352.3	344.3	336.0	328.4	322.0
32.5	330.4	331.4	331.3	330.7	329.8	327.1	323.0	318.8	314.9	311.5
35.0	421.4	372.7	337.1	314.7	305.5	320.9	357.3	396.8	432.3	457.3
37.5	546.4	434.9	347.5	284.1	244.8	244.9	279.9	325.0	371.1	408.9
40.0	390.0	290.4	212.9	157.6	124.5	127.7	162.9	207.7	253.5	292.0
42.5	208.0	145.6	97.47	63.52	43.77	47.71	72.49	102.9	133.4	158.1
45.0	70.45	55.70	44.01	35.41	29.88	29.31	33.14	38.35	43.82	48.41
47.5	36.06	31.29	27.56	24.87	23.21	23.24	24.77	26.74	28.76	30.45
50.0	27.33	24.71	22.61	21.04	20.01	19.80	20.33	21.12	21.99	22.74
52.5	22.80	21.00	19.52	18.38	17.55	17.21	17.31	17.60	17.97	18.34
55.0	19.62	18.47	17.49	16.69	16.07	15.68	15.50	15.45	15.49	15.60
57.5	17.87	16.85	16.01	15.36	14.90	14.70	14.72	14.88	15.14	15.45
60.0	17.23	16.07	15.12	14.39	13.86	13.62	13.64	13.80	14.06	14.35
62.5	15.90	14.99	14.20	13.51	12.93	12.46	12.10	11.86	11.72	11.70
65.0	13.21	13.19	13.11	12.97	12.77	12.44	11.99	11.55	11.16	10.88
67.5	12.94	13.27	13.43	13.43	13.27	12.80	12.07	11.30	10.57	9.956
70.0	12.19	12.50	12.66	12.65	12.50	12.05	11.36	10.63	9.941	9.368
72.5	12.47	12.49	12.42	12.26	12.00	11.54	10.92	10.30	9.731	9.288
75.0	11.08	10.93	10.78	10.60	10.42	10.19	9.928	9.677	9.449	9.258
77.5	9.458	9.402	9.302	9.157	8.969	8.681	8.310	7.945	7.619	7.363
80.0	8.187	8.066	7.924	7.762	7.580	7.343	7.062	6.791	6.552	6.365
82.5	6.954	6.716	6.502	6.311	6.144	6.003	5.889	5.795	5.720	5.661
85.0	5.763	5.563	5.380	5.214	5.065	4.931	4.813	4.714	4.636	4.579
87.5	4.968	4.910	4.847	4.779	4.705	4.617	4.516	4.418	4.331	4.258
90.0	4.709	4.649	4.581	4.505	4.420	4.311	4.182	4.060	3.952	3.870
92.5	4.502	4.412	4.331	4.260	4.198	4.143	4.096	4.061	4.037	4.027
95.0	4.924	4.825	4.742	4.675	4.624	4.591	4.577	4.576	4.587	4.608
97.5	5.487	5.360	5.264	5.198	5.163	5.174	5.225	5.294	5.371	5.449
100.0	6.332	6.273	6.227	6.193	6.171	6.159	6.157	6.169	6.198	6.244
102.5	7.453	7.427	7.403	7.381	7.361	7.335	7.305	7.285	7.280	7.295
105.0	8.594	8.641	8.630	8.560	8.432	8.170	7.796	7.432	7.124	6.918
107.5	9.002	8.803	8.595	8.378	8.153	7.880	7.570	7.287	7.054	6.896
110.0	8.852	8.658	8.476	8.308	8.152	7.998	7.848	7.722	7.626	7.568
112.5	9.627	9.335	9.087	8.881	8.718	8.606	8.544	8.517	8.518	8.543
115.0	12.79	11.69	10.82	10.19	9.786	9.758	10.06	10.47	10.90	11.28
117.5	13.56	12.48	11.64	11.05	10.71	10.76	11.15	11.66	12.22	12.73
120.0	13.62	12.90	12.34	11.93	11.69	11.69	11.92	12.22	12.55	12.86
122.5	15.65	14.64	13.87	13.33	13.03	13.11	13.54	14.07	14.61	15.07
125.0	17.33	16.09	15.17	14.59	14.34	14.64	15.43	16.35	17.25	17.99
127.5	19.11	17.71	16.70	16.09	15.88	16.36	17.45	18.67	19.86	20.84
130.0	21.67	19.97	18.75	18.01	17.75	18.30	19.57	21.01	22.43	23.63
132.5	24.58	22.29	20.72	19.85	19.68	20.77	22.93	25.32	27.61	29.48
135.0	29.42	25.39	22.78	21.57	21.77	24.57	29.60	34.97	39.97	43.88
137.5	37.85	23.29	21.45	21.31	21.59	41.00	72.89	105.3	134.0	154.8
140.0	36.82	30.93	31.04	31.17	31.32	58.22	104.6	151.3	192.7	222.9
142.5	82.69	86.18	89.66	93.25	96.85	99.26	100.9	103.6	108.2	115.3
145.0	207.2	214.8	221.3	226.7	231.1	232.6	231.9	231.6	232.7	236.3
147.5	313.6	314.7	315.7	316.6	317.4	317.7	317.7	317.9	318.6	319.9
150.0	342.1	341.8	341.6	341.5	341.5	341.3	341.0	341.0	341.6	342.8
152.5	370.4	370.2	370.0	370.0	370.0	369.8	369.5	369.6	370.2	371.6
155.0	407.6	408.1	408.6	409.1	409.7	409.8	409.7	409.9	410.7	412.5
157.5	452.5	454.5	456.4	458.2	459.7	460.6	460.9	461.5	462.9	465.3
160.0	514.8	518.2	521.5	524.6	527.6	529.8	531.4	533.4	536.2	540.2
162.5	606.4	610.6	614.7	618.5	622.1	624.7	626.6	628.9	632.4	637.3
165.0	739.0	742.3	745.6	748.9	752.1	754.2	755.6	757.8	761.7	767.7
167.5	901.1	906.8	912.1	917.0	921.6	924.5	926.1	928.5	932.5	938.9
170.0	1090	1097	1104	1110	1115	1119	1121	1124	1128	1135
172.5	1304	1312	1318	1324	1330	1333	1334	1336	1340	1346
175.0	1549	1556	1561	1566	1569	1571	1570	1569	1570	1572
177.5	1760	1767	1773	1777	1780	1779	1775	1771	1767	1764
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1732	1724	1718	1714	1709	1705	1700	1697	1695	1695
2.5	1612	1607	1606	1609	1611	1614	1618	1624	1633	1646
5.0	1455	1452	1455	1462	1470	1478	1489	1502	1519	1541
7.5	1263	1262	1268	1280	1294	1308	1326	1347	1370	1400
10.0	1070	1070	1077	1091	1106	1121	1140	1162	1189	1223
12.5	890.1	890.1	897.3	910.1	924.2	938.8	956.9	978.7	1004	1038
15.0	734.7	736.5	744.5	757.3	770.3	782.8	798.3	817.1	839.4	870.0
17.5	606.2	609.1	617.2	629.1	640.4	650.6	663.2	678.6	697.2	724.1
20.0	514.2	516.4	522.6	531.6	540.4	548.5	558.6	570.9	585.8	607.3
22.5	446.4	448.2	452.8	459.5	465.9	471.7	479.0	488.0	499.0	515.1
25.0	392.6	393.6	396.8	401.6	406.6	411.5	417.5	424.7	433.2	444.7
27.5	348.3	348.9	351.3	355.3	359.9	364.9	370.8	377.6	385.2	394.2
30.0	321.3	322.4	324.8	328.3	331.6	334.8	338.6	343.0	348.2	355.6
32.5	311.1	311.6	312.8	314.6	316.5	318.3	320.5	323.4	326.7	331.5
35.0	421.7	425.2	424.6	426.4	425.2	425.6	427.3	428.1	430.2	430.8
37.5	380.8	341.1	295.4	249.6	220.9	211.9	209.7	213.7	222.5	235.9
40.0	273.0	242.8	205.9	166.9	136.7	117.9	105.0	98.63	99.64	118.7
42.5	141.4	116.9	88.37	59.35	40.30	32.84	29.77	30.69	35.17	42.69
45.0	45.33	40.89	35.73	30.49	27.01	25.56	24.89	24.94	25.64	26.82
47.5	29.45	27.94	26.14	24.28	22.93	22.20	21.74	21.54	21.60	22.12
50.0	22.31	21.69	20.96	20.23	19.77	19.62	19.58	19.62	19.74	19.87
52.5	18.20	18.00	17.77	17.55	17.45	17.48	17.55	17.64	17.75	17.83
55.0	15.66	15.75	15.84	15.94	16.01	16.05	16.08	16.10	16.10	16.06
57.5	15.78	16.09	16.34	16.50	16.40	16.02	15.58	15.12	14.68	14.55
60.0	14.53	14.69	14.82	14.91	14.87	14.70	14.52	14.35	14.21	14.38
62.5	11.94	12.26	12.60	12.91	13.06	13.02	12.93	12.79	12.62	12.47
65.0	11.02	11.27	11.56	11.86	12.03	12.04	12.00	11.93	11.82	11.73
67.5	9.950	10.10	10.36	10.68	10.97	11.21	11.42	11.58	11.67	11.57
70.0	9.381	9.547	9.820	10.16	10.48	10.75	10.98	11.17	11.28	11.16
72.5	9.401	9.642	9.955	10.28	10.46	10.47	10.43	10.35	10.24	10.16
75.0	9.218	9.215	9.236	9.264	9.257	9.207	9.145	9.075	8.997	8.923
77.5	7.423	7.555	7.726	7.906	7.994	7.980	7.935	7.867	7.782	7.705
80.0	6.393	6.469	6.572	6.676	6.705	6.651	6.577	6.493	6.408	6.368
82.5	5.627	5.603	5.582	5.559	5.507	5.426	5.348	5.278	5.225	5.250
85.0	4.572	4.582	4.601	4.622	4.625	4.607	4.583	4.555	4.524	4.487
87.5	4.248	4.253	4.264	4.276	4.260	4.215	4.168	4.122	4.082	4.081
90.0	3.892	3.937	3.993	4.048	4.060	4.024	3.981	3.940	3.906	3.930
92.5	4.054	4.090	4.130	4.167	4.182	4.173	4.157	4.138	4.118	4.113
95.0	4.646	4.688	4.729	4.763	4.768	4.745	4.718	4.691	4.671	4.699
97.5	5.493	5.527	5.552	5.567	5.560	5.535	5.507	5.483	5.469	5.509
100.0	6.343	6.453	6.563	6.666	6.736	6.768	6.780	6.775	6.753	6.703
102.5	7.386	7.492	7.604	7.712	7.783	7.814	7.830	7.834	7.829	7.844
105.0	7.150	7.483	7.873	8.272	8.545	8.675	8.758	8.804	8.821	8.858
107.5	6.961	7.108	7.323	7.588	7.907	8.260	8.600	8.902	9.139	9.127
110.0	7.562	7.605	7.701	7.857	8.143	8.544	8.958	9.348	9.680	9.757
112.5	8.544	8.570	8.632	8.736	8.947	9.257	9.584	9.902	10.19	10.29
115.0	10.98	10.63	10.28	10.03	10.24	10.90	11.63	12.33	12.91	12.75
117.5	12.73	12.63	12.48	12.30	12.20	12.19	12.20	12.22	12.26	12.30
120.0	12.80	12.71	12.59	12.51	12.58	12.82	13.08	13.34	13.56	13.52
122.5	14.87	14.56	14.22	13.91	13.90	14.18	14.53	14.89	15.21	15.20
125.0	17.65	17.13	16.53	15.95	15.77	16.01	16.35	16.72	17.08	17.09
127.5	20.47	19.84	19.08	18.33	18.02	18.20	18.48	18.82	19.14	19.15
130.0	23.35	22.78	22.04	21.26	20.87	20.91	21.05	21.24	21.44	21.37
132.5	28.86	27.72	26.27	24.75	23.75	23.37	23.24	23.36	23.73	24.51
135.0	41.80	38.51	34.61	30.68	28.36	27.94	28.32	29.47	31.33	32.21
137.5	136.0	109.3	79.03	49.34	32.65	31.53	36.04	44.88	59.80	81.63
140.0	194.9	156.9	115.8	78.60	69.71	95.80	126.0	157.9	195.5	223.5
142.5	130.0	147.4	166.9	187.8	209.6	231.5	253.1	273.7	292.6	307.0
145.0	250.5	266.9	284.3	301.3	313.8	321.3	327.4	332.5	337.1	343.5
147.5	323.3	327.4	332.2	337.5	343.4	349.6	356.0	362.6	369.2	375.2
150.0	345.1	348.4	352.6	358.0	365.1	374.0	383.6	393.6	403.5	411.7
152.5	374.2	377.9	382.7	388.9	397.2	407.7	419.2	431.3	443.9	455.4
155.0	415.6	420.0	425.8	433.3	443.4	456.1	470.2	485.3	501.0	515.9
157.5	469.8	476.0	483.9	493.7	506.5	522.2	539.7	558.6	578.6	598.6
160.0	545.7	553.1	562.7	574.8	591.0	611.2	633.9	658.7	685.2	712.4
162.5	644.5	654.1	666.6	682.5	704.0	731.0	761.1	793.7	828.4	863.6
165.0	777.6	790.7	807.3	827.9	854.4	886.7	922.5	961.2	1002	1045
167.5	949.8	964.3	982.7	1005	1035	1070	1109	1152	1197	1245
170.0	1146	1160	1179	1203	1235	1274	1318	1364	1412	1458
172.5	1359	1375	1395	1419	1448	1482	1519	1558	1598	1637
175.0	1579	1589	1602	1618	1639	1664	1691	1720	1750	1779
177.5	1765	1768	1774	1781	1791	1805	1819	1835	1852	1867
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1696	1698	1700	1702	1704	1706	1709	1712	1713	1715
2.5	1660	1675	1691	1706	1719	1732	1744	1757	1771	1785
5.0	1566	1592	1618	1643	1665	1687	1708	1728	1751	1772
7.5	1432	1465	1498	1529	1557	1583	1608	1632	1661	1686
10.0	1260	1299	1338	1373	1406	1436	1464	1490	1521	1547
12.5	1074	1112	1151	1188	1223	1256	1288	1317	1352	1381
15.0	903.5	938.9	975.1	1010	1044	1076	1106	1134	1167	1194
17.5	753.6	784.8	816.6	846.7	874.6	901.3	926.6	950.3	979.5	1004
20.0	630.9	655.7	681.1	704.9	726.8	747.7	767.8	786.7	811.5	832.8
22.5	532.9	551.6	570.6	588.2	604.0	619.3	634.1	648.4	668.8	686.8
25.0	457.3	470.6	484.3	497.5	510.1	522.4	534.2	545.6	560.7	573.8
27.5	403.7	413.5	423.4	432.7	441.3	449.6	457.6	465.4	476.6	486.4
30.0	363.5	371.7	379.8	386.7	392.4	397.7	402.8	407.8	416.2	423.7
32.5	336.6	341.9	347.1	351.2	354.2	357.1	359.9	363.0	369.4	375.5
35.0	315.3	319.7	323.3	325.9	327.9	329.5	330.9	332.4	336.1	339.7
37.5	251.8	268.6	285.1	297.0	303.7	308.5	311.8	313.9	316.7	318.5
40.0	143.4	171.6	200.9	225.3	243.6	259.2	271.9	281.6	288.0	291.0
42.5	52.99	65.71	80.48	97.45	116.1	135.2	154.1	172.0	192.0	208.5
45.0	28.53	30.74	33.40	36.29	39.41	43.04	47.27	52.16	61.51	70.53
47.5	22.84	23.70	24.66	25.57	26.42	27.23	28.00	28.71	29.49	30.12
50.0	20.04	20.24	20.45	20.64	20.81	20.98	21.14	21.31	21.54	21.75
52.5	17.91	17.99	18.06	18.14	18.22	18.29	18.34	18.37	18.25	18.13
55.0	16.02	15.98	15.95	15.96	16.02	16.09	16.16	16.23	16.16	16.11
57.5	14.48	14.46	14.46	14.42	14.33	14.26	14.21	14.19	14.17	14.20
60.0	14.58	14.75	14.85	14.66	14.18	13.65	13.14	12.71	12.63	12.68
62.5	12.32	12.20	12.12	12.16	12.32	12.51	12.69	12.83	12.65	12.47
65.0	11.62	11.50	11.37	11.19	10.98	10.79	10.64	10.55	10.62	10.76
67.5	11.40	11.18	10.93	10.66	10.38	10.13	9.923	9.789	9.897	10.07
70.0	10.97	10.73	10.47	10.20	9.964	9.748	9.570	9.445	9.492	9.587
72.5	10.05	9.920	9.771	9.550	9.270	9.008	8.791	8.646	8.797	9.013
75.0	8.844	8.759	8.669	8.545	8.395	8.264	8.168	8.123	8.298	8.509
77.5	7.620	7.528	7.430	7.309	7.171	7.048	6.952	6.894	7.000	7.134
80.0	6.334	6.302	6.270	6.218	6.147	6.085	6.040	6.020	6.116	6.229
82.5	5.291	5.337	5.380	5.377	5.330	5.280	5.239	5.216	5.305	5.407
85.0	4.452	4.419	4.393	4.377	4.372	4.380	4.401	4.438	4.545	4.654
87.5	4.087	4.099	4.113	4.116	4.108	4.102	4.100	4.105	4.157	4.211
90.0	3.964	4.004	4.042	4.056	4.046	4.035	4.025	4.024	4.079	4.137
92.5	4.110	4.106	4.101	4.085	4.058	4.036	4.021	4.018	4.080	4.148
95.0	4.734	4.772	4.807	4.818	4.806	4.790	4.778	4.774	4.824	4.879
97.5	5.558	5.610	5.656	5.671	5.654	5.631	5.608	5.592	5.626	5.666
100.0	6.643	6.576	6.509	6.451	6.404	6.368	6.344	6.334	6.368	6.414
102.5	7.848	7.834	7.796	7.690	7.521	7.349	7.192	7.068	7.085	7.144
105.0	8.869	8.850	8.795	8.645	8.412	8.178	7.970	7.816	7.875	8.002
107.5	9.045	8.917	8.765	8.636	8.546	8.477	8.438	8.436	8.511	8.630
110.0	9.755	9.687	9.569	9.391	9.175	8.973	8.816	8.732	8.942	9.225
112.5	10.35	10.37	10.36	10.33	10.28	10.24	10.21	10.19	10.25	10.33
115.0	12.44	12.05	11.67	11.53	11.66	11.83	12.01	12.15	11.90	11.63
117.5	12.34	12.39	12.44	12.50	12.57	12.62	12.67	12.69	12.47	12.28
120.0	13.44	13.35	13.28	13.35	13.57	13.81	14.03	14.20	14.01	13.81
122.5	15.13	15.04	14.95	14.98	15.14	15.31	15.46	15.58	15.37	15.16
125.0	17.06	16.99	16.92	16.93	17.05	17.16	17.27	17.35	17.14	16.94
127.5	19.12	19.05	18.98	18.95	18.98	19.02	19.07	19.13	19.05	19.01
130.0	21.30	21.27	21.32	21.59	22.08	22.64	23.25	23.86	24.27	24.68
132.5	25.48	26.59	27.81	29.01	30.18	31.34	32.49	33.60	34.69	35.71
135.0	34.25	37.94	43.77	55.08	71.51	88.94	106.1	121.8	130.1	135.8
137.5	106.5	132.9	159.6	183.0	202.3	219.5	234.6	247.3	256.7	263.8
140.0	249.6	273.2	293.7	308.4	317.2	323.0	326.4	328.1	330.2	331.4
142.5	319.2	329.4	337.8	343.9	348.1	351.1	353.1	354.4	356.2	357.8
145.0	349.9	356.1	362.1	367.7	372.9	377.7	382.0	385.8	388.8	391.2
147.5	381.1	387.1	393.2	399.9	407.3	414.5	421.1	427.1	430.9	433.8
150.0	419.7	427.7	435.6	444.5	454.2	463.6	472.3	480.0	484.7	488.1
152.5	467.0	478.7	490.5	503.1	516.4	529.1	540.8	551.1	557.4	562.1
155.0	531.1	546.7	562.6	580.0	598.6	616.6	633.3	648.0	657.1	663.8
157.5	619.4	640.9	662.9	687.0	712.5	737.1	760.1	780.4	793.4	803.2
160.0	740.7	769.7	799.4	830.7	863.0	894.0	922.8	948.4	965.8	979.2
162.5	899.9	936.9	974.4	1013	1053	1091	1126	1157	1178	1193
165.0	1088	1132	1177	1221	1266	1308	1346	1380	1402	1420
167.5	1294	1344	1394	1442	1490	1534	1574	1609	1631	1647
170.0	1503	1549	1593	1637	1679	1719	1755	1786	1808	1824
172.5	1675	1714	1752	1789	1826	1860	1893	1923	1948	1970
175.0	1808	1837	1866	1895	1923	1950	1976	2000	2022	2042
177.5	1883	1899	1915	1931	1947	1962	1978	1993	2008	2023
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1720	1728	1745	1771	1798	1823	1845	1853	1856	1853
2.5	1798	1810	1819	1824	1828	1830	1832	1835	1837	1839
5.0	1789	1801	1799	1784	1765	1746	1728	1723	1723	1726
7.5	1705	1716	1707	1679	1647	1614	1584	1578	1578	1585
10.0	1566	1576	1563	1529	1490	1450	1415	1407	1408	1417
12.5	1403	1415	1399	1357	1309	1261	1219	1207	1207	1216
15.0	1214	1223	1205	1162	1114	1065	1022	1011	1011	1021
17.5	1022	1031	1015	975.3	930.4	885.5	846.0	836.3	836.4	845.7
20.0	848.5	856.2	842.5	808.5	769.9	731.3	697.2	688.2	687.7	695.1
22.5	700.4	707.7	697.1	669.5	638.1	606.6	578.6	571.2	570.6	576.4
25.0	583.3	588.0	579.1	557.3	532.9	508.6	487.4	483.2	484.4	490.5
27.5	493.8	497.6	491.0	474.7	456.5	438.4	422.7	420.3	422.1	427.4
30.0	429.4	432.4	427.5	415.1	401.1	387.4	375.7	374.7	376.9	381.7
32.5	380.4	383.3	380.4	371.8	361.8	351.8	342.8	340.0	339.5	341.1
35.0	342.6	344.4	342.9	338.2	332.7	327.0	321.7	318.9	317.3	317.1
37.5	319.2	318.5	314.7	308.2	301.4	294.9	289.7	290.1	292.1	295.4
40.0	290.5	286.3	274.8	256.9	238.0	219.9	204.5	201.8	203.1	208.0
42.5	219.8	224.1	209.8	178.1	142.5	107.0	75.53	66.89	65.57	70.91
45.0	78.13	83.26	80.60	70.35	58.17	45.52	33.82	29.05	26.73	26.94
47.5	30.54	30.68	30.19	29.09	27.79	26.40	25.05	23.88	22.96	22.41
50.0	21.94	22.10	22.21	22.26	22.22	22.08	21.82	20.99	20.13	19.36
52.5	18.04	18.03	18.31	18.86	19.40	19.85	20.12	19.50	18.73	17.93
55.0	16.11	16.19	16.59	17.28	17.96	18.53	18.91	18.33	17.58	16.77
57.5	14.31	14.52	15.02	15.78	16.53	17.18	17.62	17.18	16.54	15.81
60.0	12.86	13.15	13.69	14.42	15.13	15.76	16.21	15.88	15.38	14.79
62.5	12.34	12.33	12.76	13.63	14.51	15.31	15.91	15.48	14.85	14.09
65.0	10.99	11.28	11.74	12.34	12.91	13.41	13.77	13.53	13.17	12.74
67.5	10.29	10.54	10.74	10.88	11.01	11.12	11.22	11.30	11.36	11.39
70.0	9.710	9.843	9.924	9.949	9.964	9.975	9.990	10.07	10.15	10.21
72.5	9.263	9.511	9.660	9.696	9.689	9.642	9.562	9.420	9.264	9.111
75.0	8.725	8.915	8.955	8.842	8.692	8.532	8.385	8.405	8.447	8.498
77.5	7.273	7.396	7.402	7.293	7.168	7.050	6.964	7.076	7.221	7.378
80.0	6.340	6.432	6.425	6.319	6.200	6.090	6.011	6.113	6.247	6.393
82.5	5.505	5.584	5.564	5.450	5.323	5.207	5.122	5.221	5.354	5.500
85.0	4.750	4.819	4.782	4.643	4.490	4.347	4.238	4.323	4.446	4.589
87.5	4.257	4.286	4.248	4.147	4.039	3.942	3.870	3.941	4.039	4.147
90.0	4.189	4.226	4.198	4.109	4.012	3.921	3.851	3.902	3.976	4.059
92.5	4.211	4.257	4.233	4.140	4.037	3.938	3.857	3.894	3.952	4.021
95.0	4.933	4.977	4.980	4.943	4.894	4.842	4.794	4.797	4.804	4.809
97.5	5.707	5.742	5.747	5.722	5.689	5.652	5.614	5.609	5.603	5.593
100.0	6.465	6.516	6.553	6.572	6.582	6.581	6.569	6.542	6.503	6.452
102.5	7.239	7.359	7.506	7.667	7.820	7.949	8.042	8.019	7.950	7.841
105.0	8.185	8.410	8.686	8.993	9.283	9.527	9.699	9.636	9.489	9.275
107.5	8.791	8.992	9.292	9.670	10.03	10.34	10.55	10.44	10.22	9.919
110.0	9.548	9.882	10.16	10.36	10.51	10.61	10.63	10.49	10.29	10.04
112.5	10.44	10.57	10.76	11.01	11.22	11.38	11.46	11.25	10.95	10.59
115.0	11.42	11.32	11.70	12.54	13.39	14.13	14.63	13.99	13.11	12.10
117.5	12.17	12.20	12.75	13.79	14.83	15.72	16.31	15.46	14.33	13.10
120.0	13.63	13.54	13.85	14.55	15.26	15.86	16.25	15.62	14.79	13.87
122.5	15.00	14.96	15.42	16.34	17.25	18.05	18.57	17.81	16.79	15.67
125.0	16.81	16.83	17.38	18.44	19.50	20.41	21.02	20.18	19.04	17.78
127.5	19.06	19.24	19.90	20.99	22.05	22.94	23.52	22.65	21.49	20.20
130.0	25.11	25.57	26.34	27.35	28.26	28.94	29.27	28.25	26.91	25.43
132.5	36.64	37.47	38.24	38.90	39.34	39.51	39.34	38.18	36.75	35.20
135.0	139.4	140.9	140.9	139.4	136.6	132.7	128.0	123.0	117.5	111.3
137.5	268.6	271.3	271.5	269.5	266.0	261.6	256.5	252.6	248.4	243.8
140.0	332.0	332.2	332.8	333.8	334.7	335.1	335.1	334.1	332.5	330.4
142.5	359.2	360.4	361.9	363.6	365.1	366.2	366.7	365.4	363.5	361.3
145.0	393.2	394.7	396.0	397.1	397.7	397.9	397.6	396.2	394.5	392.4
147.5	436.0	437.4	438.4	439.1	439.2	438.8	437.8	435.9	433.5	430.8
150.0	490.6	492.2	493.4	494.4	494.7	494.5	493.5	491.4	488.8	485.6
152.5	565.4	567.6	569.3	570.7	571.3	571.0	569.8	567.4	564.1	560.2
155.0	668.5	671.4	673.2	674.1	673.9	672.6	670.5	668.1	664.9	660.9
157.5	810.1	814.3	816.4	816.6	815.1	812.0	807.7	803.2	797.7	791.3
160.0	989.0	995.3	998.4	998.5	996.1	991.4	984.7	976.4	966.7	955.8
162.5	1204	1211	1214	1214	1211	1205	1197	1186	1174	1160
165.0	1433	1441	1446	1448	1446	1441	1433	1422	1409	1394
167.5	1658	1666	1671	1674	1675	1673	1668	1660	1650	1637
170.0	1837	1846	1854	1860	1863	1864	1862	1857	1848	1837
172.5	1989	2004	2015	2020	2023	2022	2018	2012	2004	1993
175.0	2059	2073	2084	2090	2094	2095	2093	2090	2085	2078
177.5	2037	2049	2058	2064	2068	2071	2071	2072	2071	2068
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1845	1831	1810	1787	1764	1743	1732	1724	1718	1714
2.5	1839	1839	1837	1833	1828	1821	1810	1797	1783	1768
5.0	1732	1746	1765	1784	1800	1811	1802	1786	1767	1744
7.5	1598	1621	1652	1682	1709	1729	1724	1710	1690	1665
10.0	1433	1462	1501	1540	1576	1605	1604	1593	1574	1548
12.5	1234	1269	1318	1367	1412	1447	1445	1430	1405	1374
15.0	1040	1074	1121	1169	1213	1248	1245	1231	1208	1178
17.5	863.3	894.8	937.4	980.8	1021	1052	1051	1039	1018	991.4
20.0	709.9	737.1	774.6	812.9	848.2	876.7	877.0	868.3	852.3	830.5
22.5	588.3	610.2	640.3	671.3	700.1	723.5	724.8	719.0	707.4	691.3
25.0	501.1	518.2	540.5	563.2	583.9	600.7	601.0	596.1	587.1	575.0
27.5	435.9	448.8	465.1	481.5	496.5	508.6	509.0	505.7	499.5	491.1
30.0	388.8	398.3	409.5	420.8	431.0	439.2	439.8	437.9	434.0	428.6
32.5	344.7	352.0	362.5	373.4	383.6	392.0	392.6	391.0	387.6	383.0
35.0	318.3	323.0	330.7	338.9	346.8	353.6	354.5	353.8	351.7	348.7
37.5	299.7	304.7	309.9	315.1	319.8	323.7	325.3	325.8	324.8	322.5
40.0	215.9	227.4	241.5	256.0	269.7	281.4	286.5	288.4	286.8	281.6
42.5	82.25	102.5	130.0	158.2	184.3	205.5	206.0	199.9	188.4	172.8
45.0	29.70	37.70	50.20	63.04	74.73	83.72	80.08	73.33	64.58	54.93
47.5	22.33	23.51	25.85	28.38	30.82	32.86	32.84	32.26	31.26	29.98
50.0	18.81	19.03	20.00	21.13	22.28	23.29	23.31	23.11	22.76	22.32
52.5	17.23	17.05	17.43	17.95	18.53	19.10	19.24	19.30	19.31	19.27
55.0	16.02	15.72	15.92	16.24	16.64	17.04	17.14	17.20	17.22	17.24
57.5	15.10	14.72	14.71	14.80	14.97	15.16	15.24	15.31	15.39	15.47
60.0	14.18	13.80	13.68	13.64	13.67	13.75	13.86	13.99	14.14	14.30
62.5	13.33	12.86	12.72	12.71	12.80	12.97	13.29	13.65	14.01	14.34
65.0	12.32	12.12	12.17	12.28	12.42	12.58	12.62	12.64	12.67	12.71
67.5	11.38	11.24	11.01	10.78	10.58	10.46	10.66	10.93	11.23	11.53
70.0	10.25	10.19	10.04	9.895	9.773	9.703	9.895	10.14	10.39	10.64
72.5	8.975	8.895	8.879	8.905	8.975	9.091	9.337	9.606	9.872	10.11
75.0	8.540	8.486	8.342	8.210	8.119	8.097	8.393	8.747	9.121	9.476
77.5	7.527	7.572	7.514	7.450	7.401	7.389	7.588	7.822	8.069	8.304
80.0	6.533	6.586	6.552	6.506	6.465	6.447	6.563	6.704	6.856	7.007
82.5	5.640	5.698	5.672	5.632	5.596	5.576	5.682	5.806	5.935	6.054
85.0	4.733	4.811	4.820	4.816	4.809	4.806	4.876	4.953	5.028	5.094
87.5	4.252	4.299	4.283	4.253	4.217	4.184	4.201	4.224	4.251	4.277
90.0	4.141	4.176	4.161	4.136	4.108	4.082	4.106	4.134	4.162	4.184
92.5	4.089	4.116	4.099	4.074	4.046	4.021	4.035	4.055	4.078	4.099
95.0	4.805	4.764	4.688	4.603	4.518	4.438	4.398	4.369	4.349	4.337
97.5	5.576	5.527	5.450	5.368	5.288	5.216	5.199	5.192	5.188	5.182
100.0	6.389	6.302	6.196	6.088	5.986	5.897	5.861	5.842	5.837	5.842
102.5	7.697	7.503	7.272	7.042	6.831	6.656	6.630	6.648	6.698	6.770
105.0	9.009	8.687	8.330	7.988	7.688	7.459	7.509	7.629	7.792	7.968
107.5	9.570	9.182	8.785	8.421	8.124	7.924	8.095	8.353	8.656	8.960
110.0	9.754	9.443	9.124	8.833	8.596	8.436	8.560	8.753	8.983	9.216
112.5	10.20	9.823	9.480	9.175	8.926	8.753	8.801	8.921	9.093	9.294
115.0	11.08	10.41	10.16	10.01	9.959	9.956	9.846	9.762	9.709	9.695
117.5	11.94	11.46	11.71	12.11	12.56	12.94	12.60	12.15	11.65	11.17
120.0	12.97	12.50	12.48	12.57	12.71	12.86	12.73	12.56	12.38	12.19
122.5	14.58	14.05	14.10	14.30	14.54	14.77	14.52	14.21	13.87	13.52
125.0	16.55	15.94	15.99	16.19	16.45	16.69	16.44	16.12	15.75	15.38
127.5	18.94	18.28	18.27	18.41	18.62	18.84	18.67	18.44	18.15	17.82
130.0	23.95	23.00	22.63	22.41	22.29	22.19	21.87	21.51	21.12	20.70
132.5	33.65	32.56	31.96	31.47	31.01	30.51	29.70	28.79	27.80	26.74
135.0	104.6	96.99	88.75	80.34	71.99	63.93	56.92	50.48	44.64	39.47
137.5	238.8	234.0	229.0	222.7	214.5	203.7	185.2	164.6	142.8	120.6
140.0	327.9	325.9	324.1	321.3	317.0	310.5	300.4	287.7	272.2	253.8
142.5	358.9	357.1	356.0	354.6	353.0	350.7	348.4	344.9	340.0	333.1
145.0	390.3	388.8	388.1	386.9	385.2	382.5	376.5	369.6	362.3	354.9
147.5	428.0	425.7	424.0	421.9	419.3	416.0	410.0	403.2	395.9	388.5
150.0	482.1	478.5	475.0	471.0	466.5	461.4	454.8	447.7	440.0	431.8
152.5	555.6	550.8	545.8	540.1	533.5	526.0	516.4	505.9	494.6	482.9
155.0	655.9	650.2	643.7	636.0	627.0	616.5	602.9	588.0	572.0	555.3
157.5	783.9	776.2	767.9	758.3	746.9	733.6	715.5	695.6	674.1	651.7
160.0	944.1	933.2	922.8	911.2	897.6	881.6	859.1	834.0	806.9	778.3
162.5	1145	1130	1116	1100	1083	1062	1035	1005	972.7	938.3
165.0	1378	1362	1346	1328	1308	1284	1251	1215	1175	1133
167.5	1622	1605	1587	1566	1541	1512	1476	1435	1391	1345
170.0	1823	1808	1792	1773	1750	1723	1688	1649	1606	1560
172.5	1979	1964	1946	1926	1903	1877	1846	1813	1777	1738
175.0	2067	2054	2038	2020	1999	1976	1952	1925	1897	1867
177.5	2062	2054	2041	2027	2012	1994	1977	1959	1940	1921
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1709	1705	1700	1697	1695	1695	1696	1698	1700	1702
2.5	1753	1739	1724	1710	1697	1684	1673	1662	1652	1644
5.0	1722	1702	1682	1661	1640	1618	1595	1574	1554	1536
7.5	1639	1614	1587	1559	1529	1497	1466	1434	1405	1379
10.0	1519	1487	1452	1415	1377	1338	1299	1261	1226	1196
12.5	1340	1306	1270	1231	1192	1151	1111	1072	1036	1006
15.0	1145	1112	1076	1039	1001	964.6	929.1	895.5	864.2	837.5
17.5	962.4	932.6	900.8	867.9	834.6	802.8	772.0	742.9	715.9	692.9
20.0	805.9	779.8	751.7	722.8	693.9	667.7	642.8	619.6	598.5	580.9
22.5	672.7	652.8	631.3	608.9	586.3	565.4	545.3	526.6	509.6	495.6
25.0	562.0	548.7	534.4	519.4	503.9	487.8	472.0	457.0	443.4	432.8
27.5	482.4	473.9	464.5	454.4	443.6	430.8	418.1	405.9	394.9	387.3
30.0	423.0	417.5	411.3	404.5	397.3	388.7	380.1	371.7	363.9	358.0
32.5	378.4	374.2	369.7	364.9	360.0	354.7	349.4	344.2	339.1	334.3
35.0	345.5	342.4	338.7	334.4	329.5	324.1	317.9	311.0	303.1	293.0
37.5	319.1	314.2	307.6	298.9	287.9	271.6	253.3	234.0	214.0	194.1
40.0	271.3	256.2	238.4	218.5	197.1	167.5	143.6	120.2	104.2	121.2
42.5	154.0	133.2	112.1	92.00	74.35	63.58	56.99	54.99	57.98	73.36
45.0	47.19	41.94	37.59	34.22	31.93	31.56	32.20	33.73	36.00	39.63
47.5	28.56	27.14	25.81	24.71	23.94	24.26	24.97	25.98	27.22	28.87
50.0	21.93	21.64	21.40	21.24	21.18	21.41	21.75	22.18	22.70	23.41
52.5	19.25	19.24	19.23	19.22	19.20	19.15	19.11	19.10	19.15	19.42
55.0	17.29	17.39	17.47	17.52	17.51	17.28	17.01	16.75	16.52	16.47
57.5	15.61	15.78	15.94	16.06	16.12	15.95	15.73	15.47	15.21	15.00
60.0	14.43	14.55	14.65	14.75	14.84	15.00	15.14	15.21	15.22	15.00
62.5	14.49	14.46	14.39	14.29	14.18	14.25	14.32	14.38	14.41	14.32
65.0	12.79	12.93	13.05	13.15	13.19	13.05	12.86	12.63	12.37	12.10
67.5	11.71	11.77	11.77	11.73	11.65	11.56	11.43	11.28	11.10	10.84
70.0	10.78	10.81	10.79	10.72	10.60	10.41	10.18	9.947	9.706	9.453
72.5	10.25	10.27	10.23	10.16	10.04	9.903	9.739	9.559	9.368	9.127
75.0	9.679	9.719	9.704	9.649	9.571	9.577	9.528	9.475	9.393	9.196
77.5	8.445	8.486	8.496	8.487	8.470	8.512	8.552	8.586	8.608	8.584
80.0	7.113	7.169	7.211	7.244	7.271	7.332	7.387	7.433	7.464	7.447
82.5	6.112	6.106	6.084	6.055	6.027	6.052	6.083	6.118	6.152	6.164
85.0	5.115	5.089	5.055	5.021	4.996	5.045	5.103	5.160	5.207	5.195
87.5	4.286	4.278	4.270	4.266	4.271	4.338	4.406	4.467	4.507	4.463
90.0	4.173	4.132	4.085	4.041	4.005	4.014	4.034	4.065	4.103	4.134
92.5	4.106	4.097	4.086	4.078	4.075	4.099	4.130	4.163	4.195	4.212
95.0	4.328	4.323	4.322	4.325	4.333	4.352	4.373	4.392	4.409	4.404
97.5	5.150	5.091	5.031	4.974	4.927	4.925	4.934	4.951	4.973	4.976
100.0	5.849	5.856	5.869	5.888	5.913	5.972	6.028	6.075	6.103	6.054
102.5	6.835	6.887	6.942	6.998	7.055	7.119	7.179	7.229	7.267	7.255
105.0	8.065	8.075	8.070	8.063	8.061	8.135	8.217	8.298	8.371	8.382
107.5	9.128	9.144	9.120	9.069	9.006	9.041	9.063	9.056	9.004	8.754
110.0	9.358	9.395	9.394	9.360	9.297	9.236	9.149	9.031	8.881	8.612
112.5	9.499	9.687	9.848	9.963	10.02	9.862	9.650	9.401	9.136	8.882
115.0	9.786	9.971	10.16	10.32	10.42	10.25	10.02	9.753	9.485	9.276
117.5	10.93	10.94	11.01	11.10	11.17	10.99	10.78	10.58	10.40	10.36
120.0	12.03	11.90	11.81	11.79	11.83	12.13	12.48	12.84	13.18	13.38
122.5	13.29	13.17	13.09	13.05	13.03	13.05	13.09	13.12	13.14	13.11
125.0	15.10	14.92	14.78	14.67	14.60	14.55	14.52	14.51	14.51	14.55
127.5	17.43	17.01	16.61	16.27	16.01	16.03	16.14	16.32	16.54	16.78
130.0	20.15	19.50	18.90	18.38	17.99	18.09	18.33	18.69	19.11	19.59
132.5	25.44	23.98	22.60	21.41	20.49	20.52	20.86	21.44	22.17	23.06
135.0	35.13	31.65	28.88	26.82	25.46	24.98	25.10	25.74	26.80	28.58
137.5	99.26	79.65	61.98	46.91	35.09	30.31	29.10	31.14	36.10	46.21
140.0	229.5	199.9	169.9	141.1	115.1	95.30	81.27	74.24	75.41	98.66
142.5	323.1	309.8	294.4	276.9	257.7	227.9	202.8	177.5	157.3	172.5
145.0	349.2	345.2	340.9	335.9	329.6	317.6	304.6	291.4	278.7	270.1
147.5	381.3	374.7	368.4	362.3	356.7	352.3	348.1	344.0	339.8	334.6
150.0	423.0	413.9	404.8	395.8	387.3	380.4	374.0	368.0	362.6	357.1
152.5	470.7	458.4	446.1	434.3	423.1	413.3	404.5	396.6	389.7	384.0
155.0	538.0	520.4	503.1	486.6	471.3	459.1	448.4	439.3	431.6	425.4
157.5	628.4	604.9	581.8	559.8	539.5	523.8	510.2	498.5	488.6	480.1
160.0	748.0	716.8	686.1	656.7	629.5	609.0	591.3	576.2	563.2	551.8
162.5	901.0	861.8	822.8	785.3	750.4	724.0	700.9	680.9	663.6	648.2
165.0	1088	1042	995.1	950.3	908.2	875.2	845.9	820.2	797.6	777.4
167.5	1296	1245	1194	1144	1098	1059	1025	994.5	967.4	942.9
170.0	1511	1457	1404	1352	1303	1264	1228	1197	1169	1143
172.5	1695	1648	1600	1553	1509	1473	1440	1410	1384	1360
175.0	1834	1797	1761	1725	1691	1662	1636	1612	1590	1570
177.5	1900	1879	1857	1837	1817	1801	1786	1772	1760	1749
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1704	1706	1709	1712	1713	1715	1720	1728	1741	1760
2.5	1636	1630	1625	1621	1614	1610	1610	1615	1630	1654
5.0	1521	1508	1497	1488	1474	1464	1459	1462	1477	1506
7.5	1357	1338	1321	1307	1289	1276	1269	1272	1290	1324
10.0	1170	1149	1130	1114	1092	1076	1067	1068	1087	1123
12.5	982.7	962.5	945.5	931.3	911.0	895.4	886.8	887.5	903.5	936.0
15.0	815.6	796.8	781.0	767.9	750.9	738.2	731.6	733.0	747.2	775.1
17.5	674.0	657.9	644.4	633.3	619.5	609.3	604.3	605.9	617.8	640.8
20.0	566.8	555.0	545.2	537.1	525.8	517.2	512.4	512.6	520.9	537.9
22.5	484.9	476.1	468.9	463.1	455.4	449.6	446.5	446.9	452.8	464.6
25.0	425.4	419.5	414.9	411.3	405.4	400.7	398.0	397.6	401.3	409.3
27.5	383.0	380.0	377.9	376.1	370.6	365.7	362.0	360.3	362.3	368.4
30.0	354.1	351.0	348.5	346.4	342.5	339.1	336.6	335.5	336.7	340.4
32.5	329.9	325.8	322.1	318.9	315.5	312.8	311.0	310.3	311.2	313.9
35.0	281.0	269.0	257.9	248.3	238.4	232.3	231.4	237.3	254.0	282.3
37.5	175.0	157.3	141.6	128.5	107.8	96.64	97.22	106.0	145.7	213.6
40.0	165.9	212.9	254.2	282.4	229.3	166.5	105.1	56.29	49.69	90.90
42.5	99.44	125.4	147.6	162.0	133.9	100.2	66.97	40.05	35.28	55.61
45.0	44.25	48.50	51.79	53.52	47.13	39.85	32.95	27.70	27.47	32.90
47.5	30.75	32.42	33.65	34.21	31.62	28.63	25.69	23.29	22.70	24.16
50.0	24.27	25.02	25.55	25.75	24.41	22.88	21.40	20.23	20.00	20.84
52.5	19.87	20.30	20.65	20.85	20.21	19.49	18.81	18.30	18.31	18.89
55.0	16.60	16.77	16.95	17.10	16.95	16.79	16.68	16.66	16.86	17.30
57.5	14.85	14.74	14.67	14.65	14.69	14.78	14.95	15.19	15.54	15.98
60.0	14.56	14.10	13.67	13.32	13.32	13.45	13.69	14.05	14.50	15.03
62.5	14.13	13.89	13.65	13.42	13.17	12.98	12.88	12.90	13.13	13.57
65.0	11.82	11.57	11.37	11.25	11.35	11.52	11.75	12.02	12.27	12.49
67.5	10.51	10.22	9.982	9.848	10.07	10.39	10.79	11.23	11.63	11.96
70.0	9.209	9.016	8.899	8.881	9.164	9.539	9.978	10.45	10.87	11.22
72.5	8.855	8.633	8.494	8.471	8.831	9.303	9.847	10.43	10.93	11.35
75.0	8.900	8.623	8.403	8.281	8.542	8.902	9.325	9.773	10.15	10.43
77.5	8.518	8.450	8.391	8.354	8.401	8.478	8.579	8.700	8.830	8.966
80.0	7.387	7.321	7.259	7.214	7.238	7.286	7.359	7.453	7.564	7.691
82.5	6.156	6.150	6.154	6.172	6.249	6.342	6.445	6.552	6.648	6.731
85.0	5.128	5.060	5.006	4.981	5.100	5.247	5.407	5.564	5.677	5.738
87.5	4.339	4.212	4.104	4.037	4.172	4.349	4.546	4.743	4.882	4.952
90.0	4.160	4.193	4.239	4.299	4.428	4.564	4.694	4.808	4.873	4.884
92.5	4.213	4.218	4.231	4.258	4.354	4.458	4.559	4.646	4.691	4.688
95.0	4.381	4.361	4.352	4.361	4.445	4.545	4.651	4.755	4.833	4.879
97.5	4.963	4.962	4.981	5.027	5.200	5.389	5.574	5.735	5.819	5.817
100.0	5.934	5.818	5.727	5.685	5.885	6.124	6.373	6.600	6.724	6.728
102.5	7.200	7.149	7.114	7.112	7.279	7.470	7.661	7.826	7.904	7.881
105.0	8.338	8.298	8.278	8.296	8.524	8.775	9.019	9.225	9.309	9.258
107.5	8.331	7.940	7.650	7.527	8.201	9.002	9.820	10.55	10.89	10.80
110.0	8.247	7.913	7.655	7.520	7.924	8.427	8.959	9.450	9.714	9.717
112.5	8.661	8.482	8.366	8.329	8.565	8.862	9.185	9.497	9.701	9.780
115.0	9.144	9.055	9.014	9.026	9.079	9.199	9.397	9.683	10.08	10.61
117.5	10.46	10.59	10.73	10.87	10.79	10.72	10.70	10.76	11.00	11.43
120.0	13.43	13.40	13.30	13.13	12.75	12.37	12.02	11.76	11.73	11.95
122.5	13.04	12.95	12.85	12.75	12.54	12.38	12.30	12.33	12.59	13.09
125.0	14.62	14.67	14.69	14.67	14.30	13.94	13.65	13.51	13.69	14.23
127.5	17.02	17.21	17.32	17.33	16.79	16.20	15.67	15.30	15.33	15.83
130.0	20.09	20.50	20.78	20.86	20.03	19.09	18.19	17.46	17.31	17.80
132.5	24.02	24.85	25.46	25.73	24.50	23.03	21.55	20.27	19.78	20.19
135.0	30.89	33.05	34.76	35.72	33.23	30.13	26.88	23.94	22.49	22.76
137.5	60.38	74.19	85.79	93.30	81.92	66.77	50.02	33.86	24.07	21.84
140.0	141.4	184.6	221.8	246.7	211.6	164.3	111.2	58.97	27.21	27.88
142.5	216.2	262.0	302.0	328.5	284.0	225.8	161.6	99.20	63.63	65.69
145.0	265.3	261.1	256.7	251.3	237.9	223.8	210.3	198.6	191.7	190.3
147.5	328.4	322.1	316.2	310.7	306.7	303.5	301.3	300.1	300.3	301.8
150.0	351.5	346.7	342.7	339.9	340.4	341.8	343.7	345.7	346.6	346.3
152.5	379.3	375.7	373.1	371.3	371.3	371.9	372.8	373.8	374.1	373.7
155.0	420.7	417.2	414.6	412.9	412.1	411.8	411.9	412.0	411.8	411.0
157.5	473.0	467.2	462.7	459.5	458.0	457.3	457.3	457.4	457.1	456.2
160.0	541.9	533.6	527.0	521.8	518.9	517.1	516.2	516.0	515.7	515.1
162.5	634.4	622.9	613.5	606.2	602.1	599.8	599.0	599.3	599.9	600.6
165.0	759.2	744.1	731.9	722.8	719.0	717.9	718.8	721.4	724.1	726.7
167.5	921.1	902.9	888.3	877.7	874.3	874.3	876.8	881.0	885.0	888.1
170.0	1121	1101	1086	1074	1070	1068	1070	1073	1076	1078
172.5	1337	1318	1302	1290	1285	1284	1285	1288	1290	1293
175.0	1552	1537	1525	1517	1515	1517	1521	1526	1531	1535
177.5	1740	1732	1727	1724	1725	1729	1734	1740	1745	1749
180.0	1933	1933	1933	1933	1933	1933	1933	1933	1933	1933

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	1784	1813
2.5	1685	1724
5.0	1546	1595
7.5	1371	1430
10.0	1174	1239
12.5	981.2	1039
15.0	813.6	862.8
17.5	672.5	712.9
20.0	561.6	592.1
22.5	481.0	502.0
25.0	420.6	435.3
27.5	377.5	389.5
30.0	346.0	353.5
32.5	318.0	323.5
35.0	319.6	366.0
37.5	303.0	414.0
40.0	161.4	261.1
42.5	91.18	142.0
45.0	41.87	54.39
47.5	26.87	30.84
50.0	22.34	24.50
52.5	19.83	21.13
55.0	17.91	18.68
57.5	16.52	17.15
60.0	15.67	16.40
62.5	14.18	14.96
65.0	12.73	12.97
67.5	12.29	12.62
70.0	11.56	11.88
72.5	11.75	12.12
75.0	10.67	10.89
77.5	9.116	9.280
80.0	7.837	8.003
82.5	6.809	6.884
85.0	5.772	5.781
87.5	4.990	4.995
90.0	4.860	4.802
92.5	4.656	4.594
95.0	4.910	4.925
97.5	5.761	5.651
100.0	6.664	6.532
102.5	7.799	7.656
105.0	9.121	8.900
107.5	10.46	9.856
110.0	9.574	9.286
112.5	9.794	9.743
115.0	11.23	11.96
117.5	12.00	12.71
120.0	12.34	12.90
122.5	13.77	14.62
125.0	15.02	16.05
127.5	16.62	17.72
130.0	18.69	19.98
132.5	21.12	22.58
135.0	24.00	26.22
137.5	23.14	28.64
140.0	28.72	29.70
142.5	68.60	72.36
145.0	192.4	198.1
147.5	304.5	308.4
150.0	345.4	344.0
152.5	372.9	371.9
155.0	410.0	408.9
157.5	455.1	453.9
160.0	514.8	514.7
162.5	601.9	603.8
165.0	730.0	734.1
167.5	891.9	896.2
170.0	1082	1085
172.5	1296	1300
175.0	1540	1544
177.5	1753	1756
180.0	1933	1933

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: