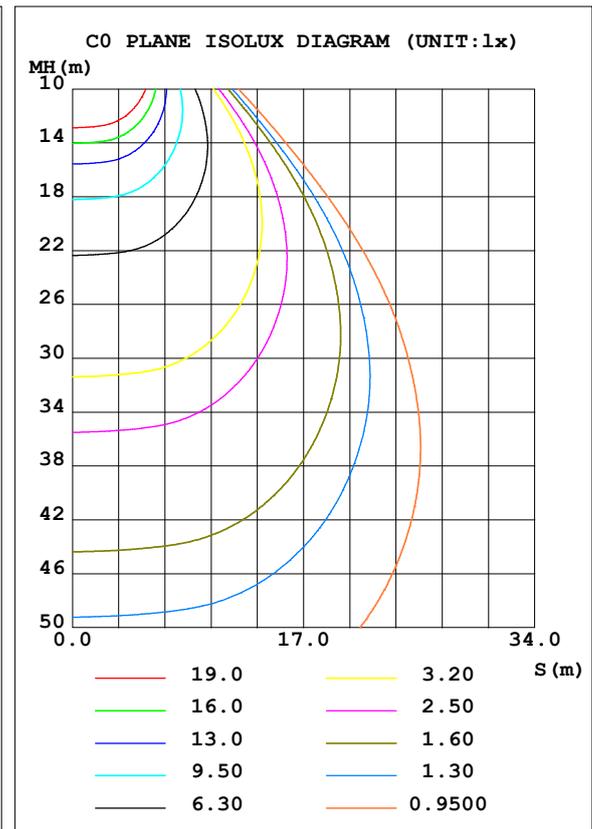
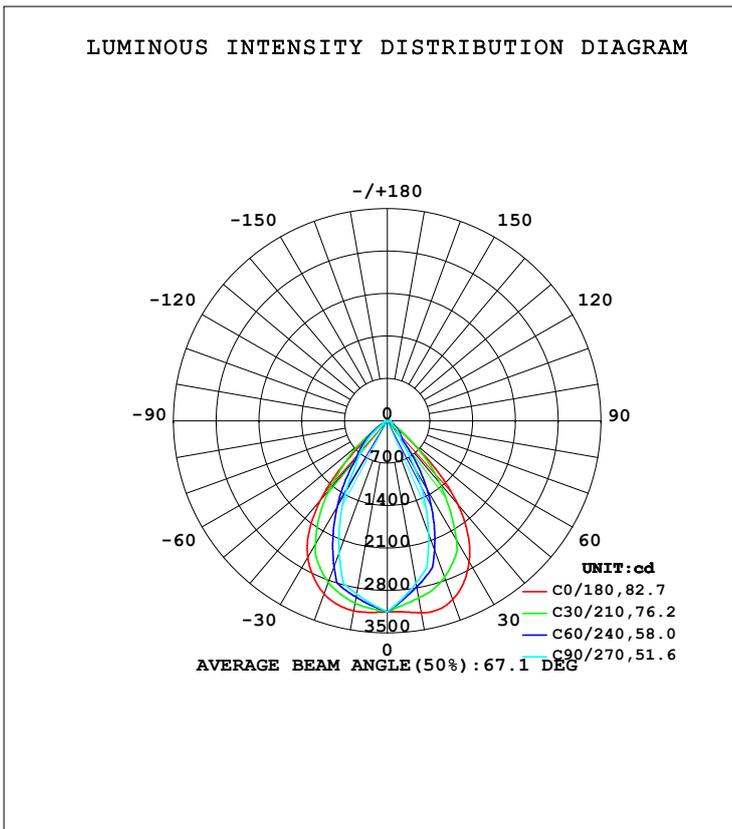


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.12 lm/W			
MODEL		I <sub>max</sub> (cd)	3232	S/MH (C0/180)	1.18
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	0.85
RATED VOLTAGE (V)		TOTAL FLUX (lm)	3847.0	η UP, DN (C0-180)	0.0, 45.7
NOMINAL FLUX (lm)	3846.97	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 54.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)		η down (%)	100.0	CIBSE SHR MAX	0.95



H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	3214	2864	2718	2871	3182	3001	2902	2999	0- 10	288.3	288.3	7.49,7.49
20	3134	2576	1974	2515	3036	2766	2310	2857	10- 20	794.3	1083	28.1,28.1
30	2681	1732	918.7	1660	2605	1967	1374	2113	20- 30	1034	2117	55,55
40	1795	788.3	316.7	766.2	1696	1108	705.7	1246	30- 40	899.6	3016	78.4,78.4
50	434.7	280.9	167.9	278.9	372.5	513.4	304.0	621.5	40- 50	538.5	3555	92.4,92.4
60	106.9	110.1	80.14	107.2	107.5	165.1	89.86	195.4	50- 60	182.0	3737	97.1,97.1
70	60.39	41.18	53.48	39.58	57.45	45.64	63.21	48.06	60- 70	65.95	3803	98.9,98.9
80	24.46	22.86	0	21.73	22.95	24.46	0	25.45	70- 80	38.05	3841	99.8,99.8
90	0.3033	0	0	0	0.7222	0	0	0	80- 90	5.951	3847	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3339.1 lm

%lum = 86.8%

%lamp = 86.8%

Conical surface Flux(120deg): 3737 lm

%lum = 97.1%

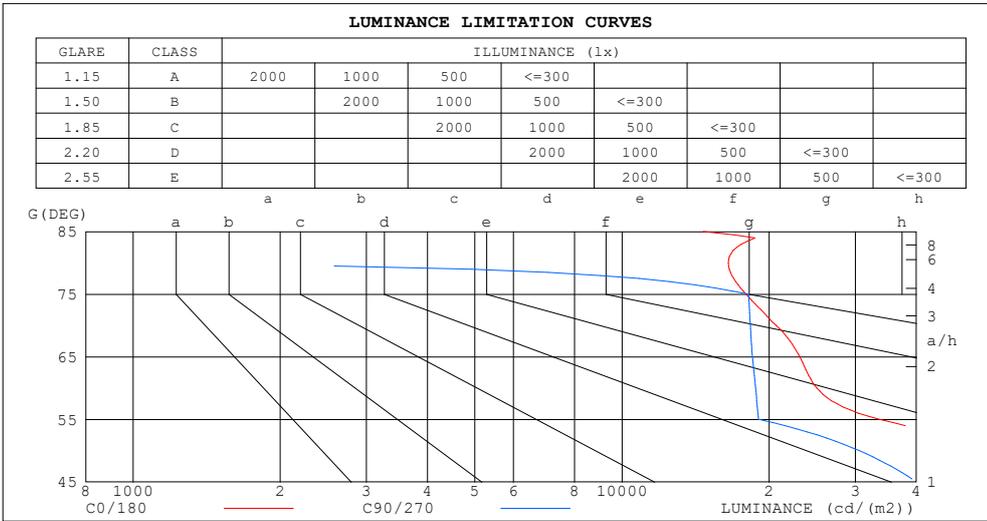
%lamp = 97.1%

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14662	0
80	16490	0
75	17932	18153
70	20672	18308
65	23092	18476
60	25028	18766
55	33559	19035
50	79183	30580
45	184842	40062

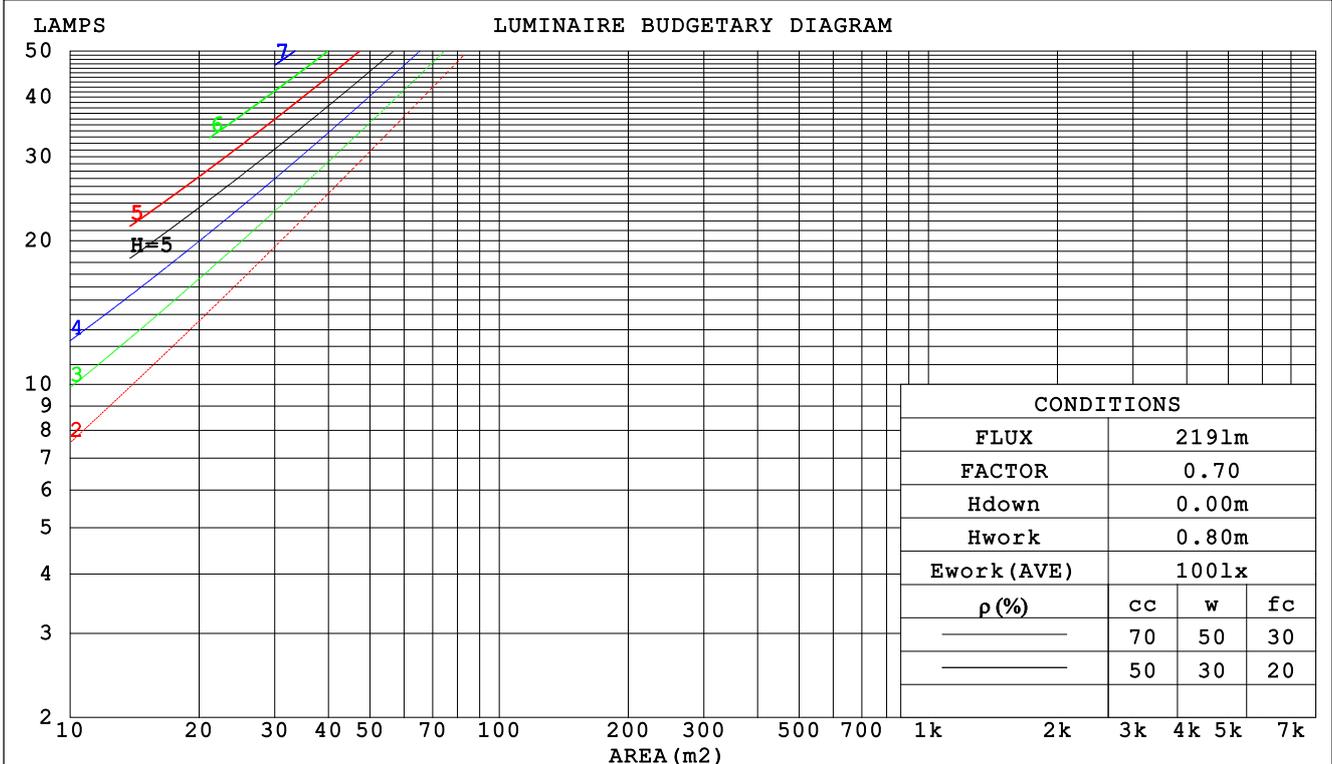
H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.09	1.06	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.91
2.0	1.00	.95	.92	.98	.94	.91	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.92	.86	.82	.91	.85	.81	.88	.83	.80	.85	.82	.78	.83	.80	.77	.75
4.0	.85	.78	.73	.83	.78	.73	.81	.76	.72	.79	.75	.71	.77	.73	.70	.69
5.0	.78	.71	.66	.77	.71	.66	.75	.70	.66	.74	.69	.65	.72	.68	.64	.63
6.0	.72	.66	.61	.72	.65	.60	.70	.64	.60	.68	.63	.60	.67	.63	.59	.57
7.0	.67	.60	.56	.67	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.54	.53
8.0	.63	.56	.51	.62	.56	.51	.61	.55	.51	.60	.54	.51	.59	.54	.50	.49
9.0	.59	.52	.47	.58	.52	.47	.57	.51	.47	.56	.51	.47	.55	.50	.47	.45
10.0	.55	.48	.44	.54	.48	.44	.54	.48	.44	.53	.47	.44	.52	.47	.44	.42



H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

WEC AND CCEC

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm						
NAME:			TYPE:			WEIGHT:
SPEC.:			DIM.:			SERIAL No.:
MFR.:			SUR.:117*73mm			Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.205	.117	.037	.198	.113	.036	.186	.107	.034	.174	.100	.032	.163	.095	.031	
2.0	.198	.109	.033	.193	.106	.033	.182	.101	.031	.172	.096	.030	.163	.092	.029	
3.0	.189	.101	.030	.184	.099	.030	.175	.095	.029	.166	.091	.028	.158	.088	.027	
4.0	.180	.093	.027	.176	.092	.027	.167	.089	.027	.160	.086	.026	.153	.083	.025	
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.025	.153	.081	.024	.147	.079	.024	
6.0	.162	.081	.023	.159	.080	.023	.153	.078	.023	.147	.076	.022	.141	.074	.022	
7.0	.154	.076	.022	.151	.075	.022	.146	.074	.021	.140	.072	.021	.135	.070	.021	
8.0	.147	.072	.020	.144	.071	.020	.139	.070	.020	.135	.068	.020	.130	.067	.019	
9.0	.140	.068	.019	.138	.067	.019	.133	.066	.019	.129	.065	.018	.125	.063	.018	
10.0	.134	.064	.018	.132	.064	.018	.128	.062	.018	.124	.061	.017	.120	.060	.017	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.149	.114	.086	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.069	.120	.086	.060	.082	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.047	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.039	.102	.062	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.113	.066	.034	.097	.057	.029	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.108	.061	.029	.093	.053	.025	.064	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.062	.035	.016	.036	.020	.009	.012	.007	.003	

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:117*73mm			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	27.0	28.1	27.3	28.3	28.5	20.4	21.5	20.6	21.7	21.9
3H	27.0	28.0	27.2	28.2	28.4	20.9	21.9	21.1	22.1	22.3
4H	26.9	27.9	27.2	28.1	28.4	21.2	22.1	21.4	22.3	22.6
6H	26.9	27.8	27.2	28.1	28.3	21.2	22.1	21.5	22.3	22.6
8H	26.9	27.8	27.2	28.0	28.3	21.1	22.0	21.4	22.2	22.5
12H	26.9	27.7	27.2	28.0	28.3	21.1	21.9	21.4	22.2	22.5
4H 2H	26.8	27.8	27.1	28.0	28.2	20.6	21.5	20.8	21.7	22.0
3H	26.8	27.6	27.1	27.9	28.2	21.2	22.0	21.5	22.3	22.5
4H	26.8	27.5	27.1	27.8	28.1	21.6	22.3	21.9	22.6	23.0
6H	26.8	27.4	27.2	27.8	28.1	21.6	22.3	22.0	22.6	23.0
8H	26.8	27.4	27.2	27.8	28.1	21.6	22.2	22.0	22.6	22.9
12H	26.8	27.4	27.2	27.8	28.1	21.6	22.1	22.0	22.5	22.9
8H 4H	26.7	27.3	27.1	27.6	28.0	21.7	22.3	22.1	22.6	23.0
6H	26.7	27.2	27.2	27.6	28.1	21.8	22.3	22.2	22.7	23.1
8H	26.8	27.2	27.2	27.7	28.1	21.7	22.2	22.2	22.6	23.0
12H	26.9	27.2	27.3	27.7	28.2	21.7	22.0	22.1	22.5	23.0
12H 4H	26.6	27.2	27.1	27.6	28.0	21.7	22.2	22.1	22.6	23.0
6H	26.7	27.1	27.2	27.6	28.0	21.8	22.2	22.2	22.6	23.1
8H	26.8	27.1	27.2	27.6	28.0	21.7	22.1	22.2	22.5	23.0
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 5.1					+ 1.0 / - 1.4				
1.5H	+ 3.4 / - 5.2					+ 0.9 / - 1.2				
2.0H	+ 5.8 / - 5.1					+ 1.5 / - 1.6				

CIE Pub.117, 3847 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 4.7$ )

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

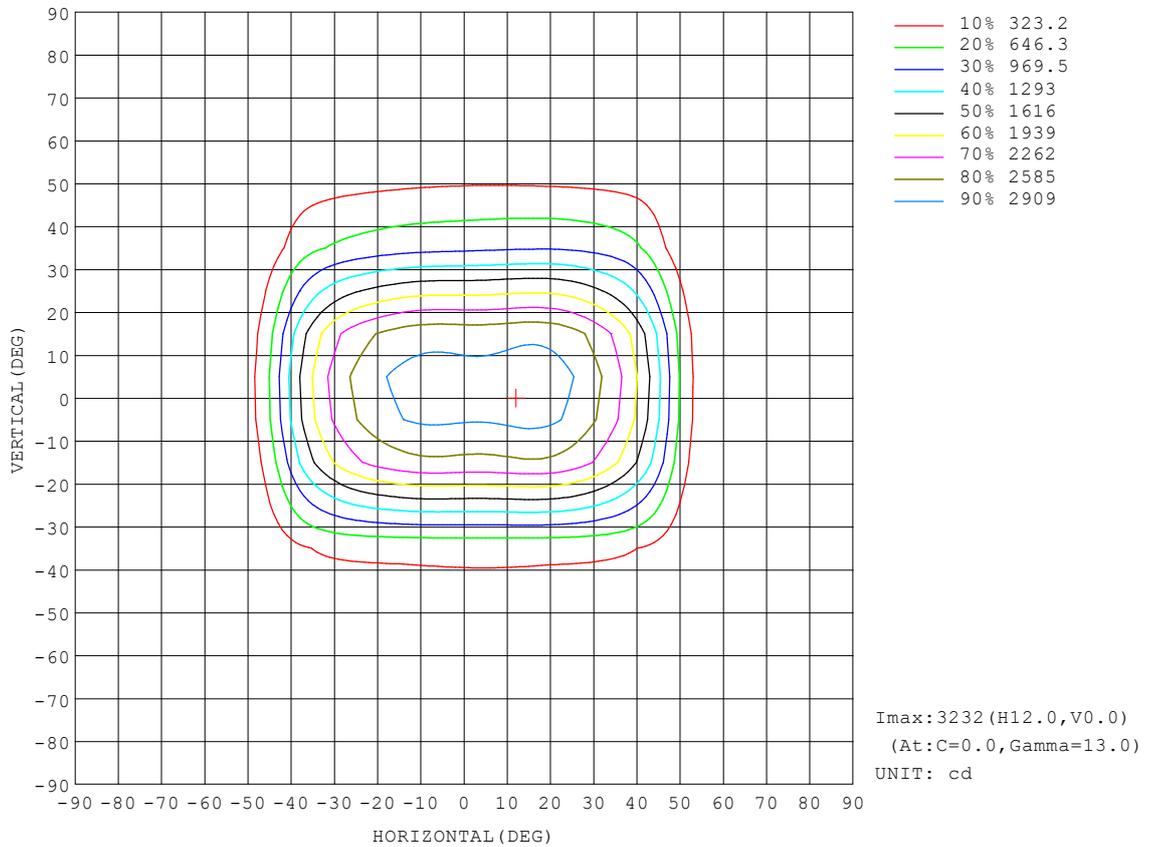
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	78	70	65	77	70	65	76	69	65	60
0.80	87	79	74	86	79	74	85	78	74	69
1.00	93	86	81	92	85	81	90	86	80	76
1.25	98	92	87	97	91	87	95	90	86	81
1.50	102	96	91	100	95	91	98	93	90	85
2.00	105	100	96	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	103	99	96	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	109	106	110	107	104	106	104	102	94
5.00	113	110	108	111	109	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ss.liu  
 Test Date:2025-01-03

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:5.450m [K=1.0000]  
 Remarks:

### ISOCANDELA DIAGRAM

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

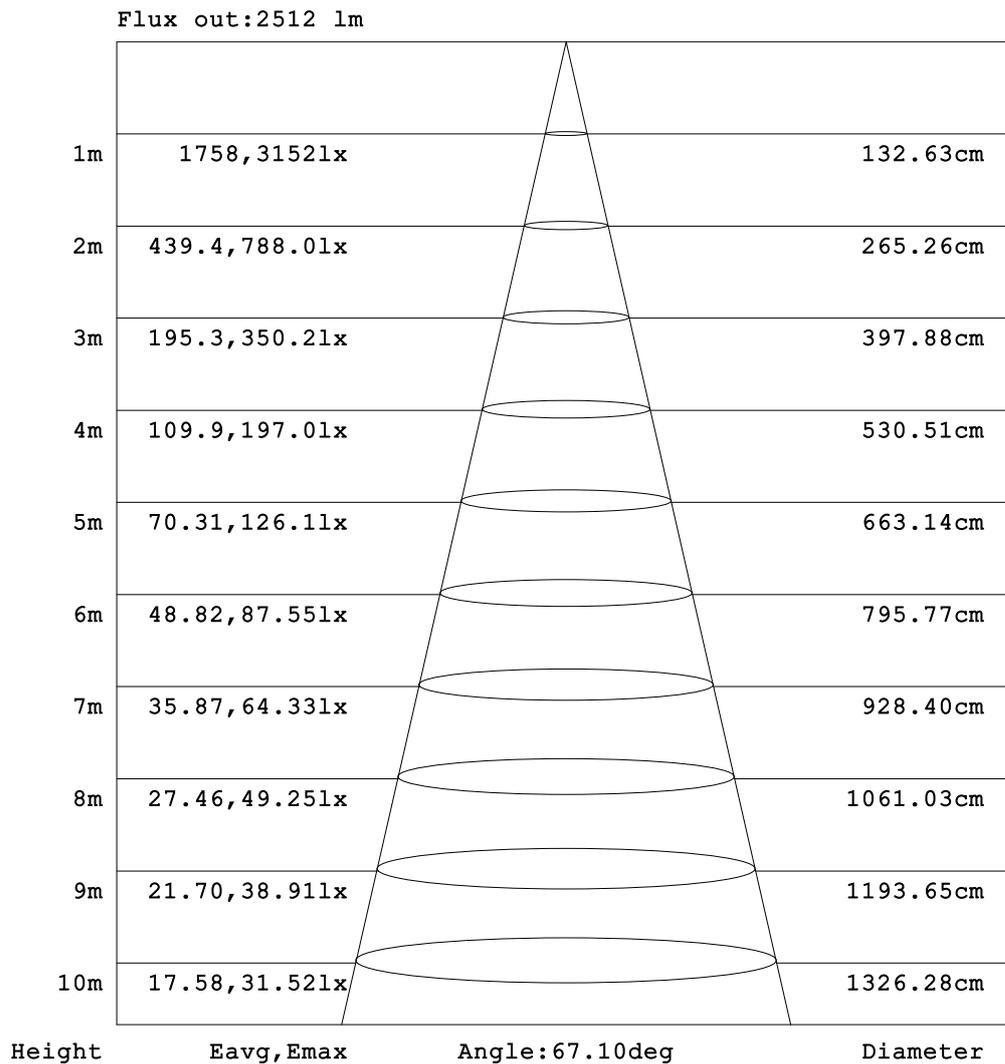


H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ss.liu  
 Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
 Test Distance:5.450m [K=1.0000]  
 Remarks:

**AAI Figure**

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:



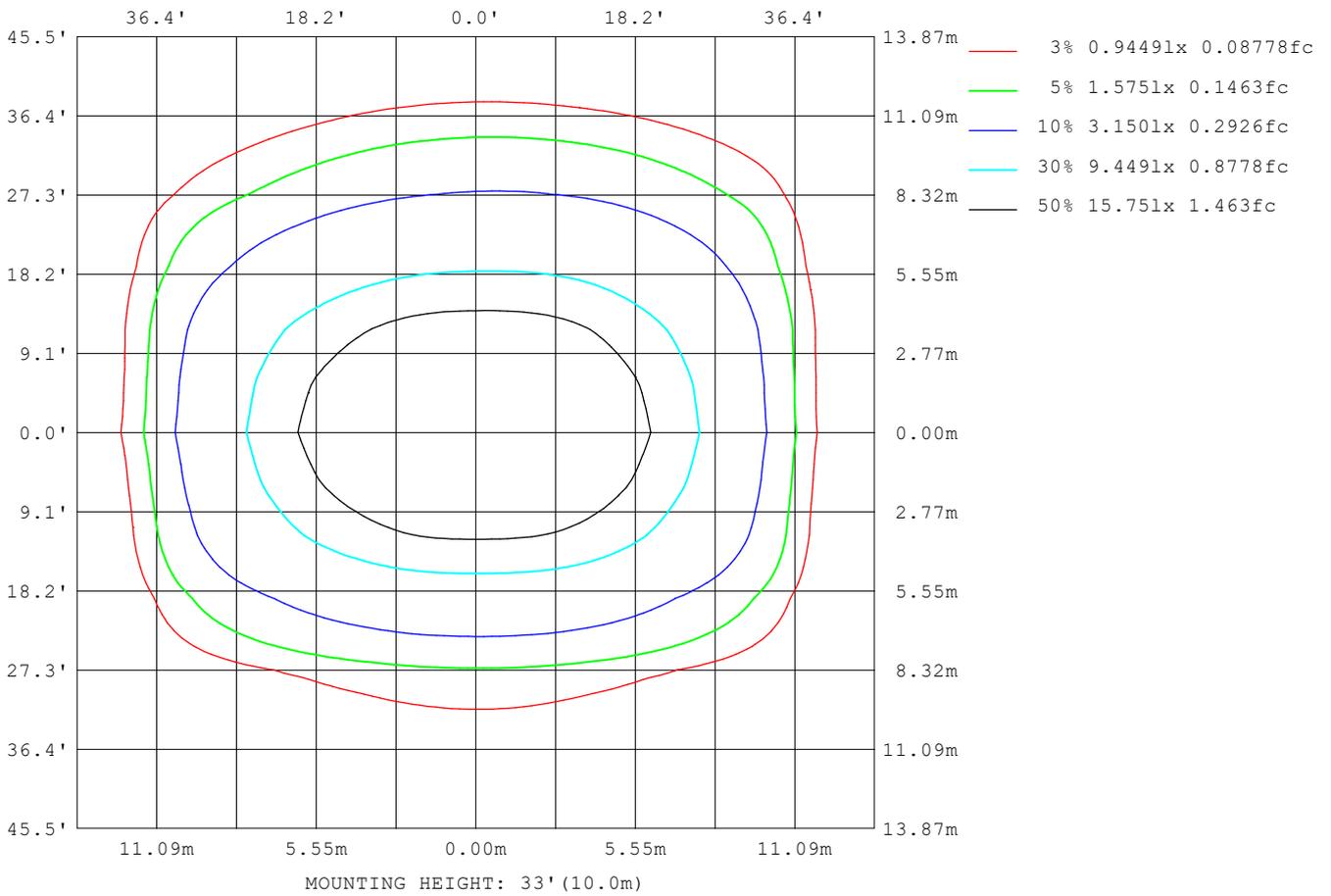
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:



**H( $\beta$ ) Range:**-90 - 90DEG  
**H( $\beta$ ) Interval:** 1.0DEG  
**Test Speed:** HIGH  
**Temperature:**25.3DEG  
**Operators:**ss.liu  
**Test Date:**2025-01-03

**V(B) Range:**-75 - 75DEG  
**V(B) Interval:** 5.0DEG  
**Test System:**EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
**Humidity:**65.0%  
**Test Distance:**5.450m [K=1.0000]  
**Remarks:**

## LED Avg.L Report

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

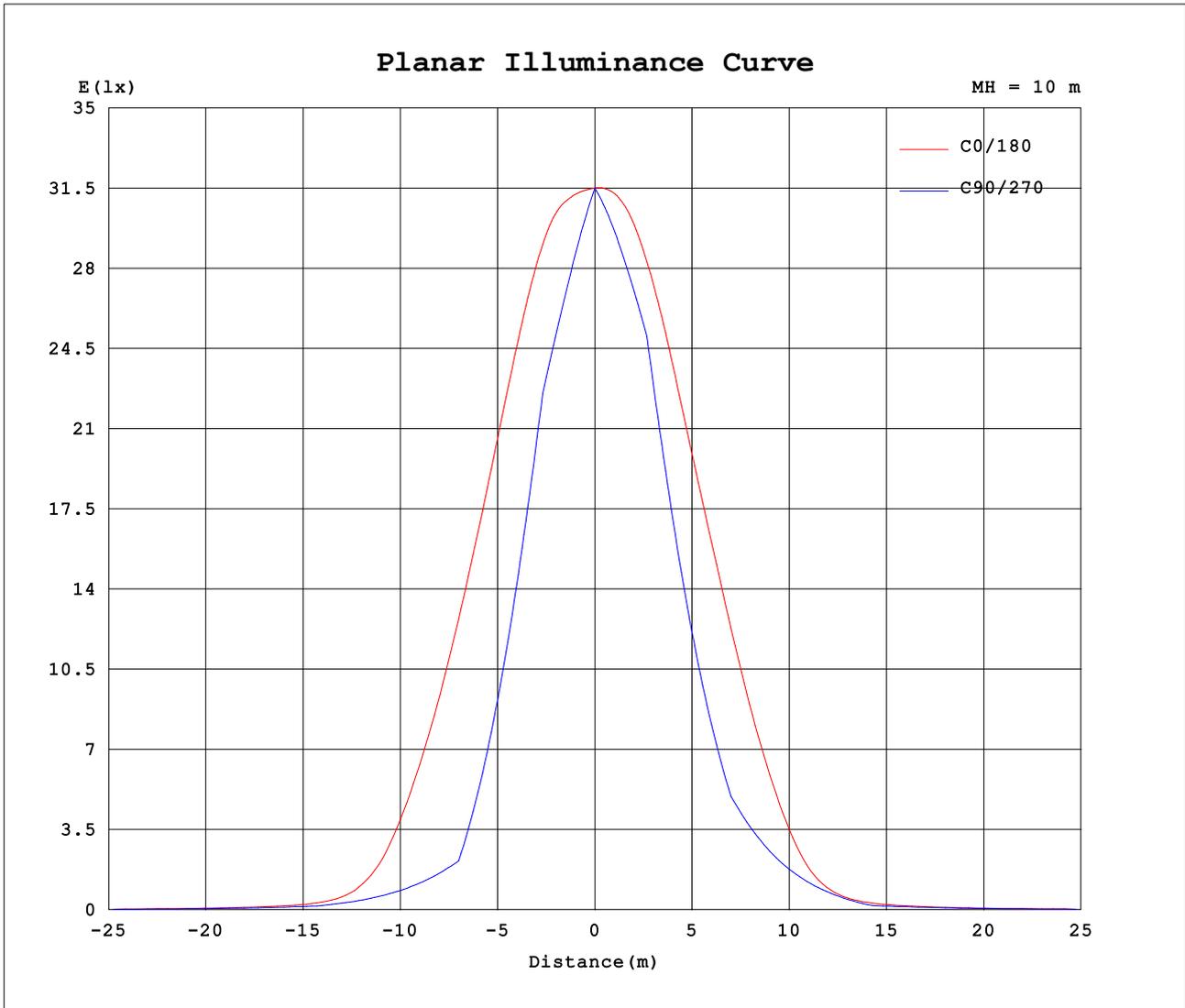
AvgL	cd/m2
L_0~180 (65) av	22861
L_0~180 (75) av	17343
L_0~180 (85) av	17577
L_90~270 (65) av	19828
L_90~270 (75) av	20339
L_90~270 (85) av	0
L_45 (65) av	14400
L_45 (75) av	16199
L_45 (85) av	0

Standard: GB/T 29293-2012

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:







LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.23V I:0.1528A P:34.312W PF:0.9755 Freq:49.99Hz Lamp Flux:3846.97x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:117*73mm	Shielding Angle:

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151				
5	3030	3033	3037	3043	3049	3057	3066	3075	3085	3096	3107	3119	3130	3142	3154				
10	2913	2922	2934	2947	2963	2980	2999	3019	3040	3061	3086	3112	3138	3164	3189				
15	2794	2809	2829	2853	2879	2909	2941	2972	3002	3033	3064	3096	3127	3159	3191				
20	2383	2437	2505	2586	2680	2784	2857	2889	2917	2943	2973	3007	3045	3074	3102				
25	1929	1995	2078	2175	2282	2397	2522	2658	2799	2806	2809	2825	2865	2907	2926				
30	1478	1550	1639	1743	1861	1987	2113	2237	2380	2536	2600	2577	2592	2645	2665				
35	1018	1094	1188	1299	1420	1552	1690	1826	1944	2071	2237	2296	2242	2288	2320				
40	766	800	846	899	980	1114	1246	1387	1535	1642	1728	1884	1841	1799	1851				
45	556	590	633	682	735	794	856	980	1088	1210	1256	1256	1343	1141	1242				
50	344	374	415	463	517	571	621	676	720	712	734	652	618	509	517				
55	130	155	192	238	293	353	413	439	395	341	263	262	195	203	180				
60	79.8	74.4	70.6	68.8	75.0	138	195	226	205	132	113	102	109	112	107				
65	69.5	65.0	61.8	60.0	59.0	58.4	57.9	70.2	76.3	73.3	67.4	70.2	74.3	79.6	82.9				
70	58.3	55.4	53.2	51.7	50.6	49.7	48.1	45.7	44.1	44.3	47.6	52.4	57.4	61.6	64.2				
75	48.6	46.8	45.2	43.3	41.5	40.0	38.7	37.5	36.3	34.9	35.0	37.4	41.1	42.1	42.2				
80	3.28	5.69	8.67	12.1	15.9	20.3	25.4	29.8	28.8	27.8	27.8	27.9	28.1	28.4	27.2				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	18.0	19.5	18.7	17.7			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

## Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3152	3142	3133	3124	3114	3105	3097	3088	3081	3074
5.0	3165	3145	3126	3106	3087	3068	3049	3032	3015	3000
7.5	3187	3157	3126	3095	3064	3035	3006	2978	2952	2929
10.0	3214	3172	3130	3088	3046	3005	2965	2929	2896	2864
12.5	3231	3180	3128	3077	3025	2975	2929	2884	2841	2800
15.0	3224	3165	3107	3050	2994	2938	2884	2832	2782	2733
17.5	3192	3128	3066	3006	2943	2881	2822	2765	2711	2657
20.0	3134	3067	3004	2941	2871	2805	2743	2688	2632	2576
22.5	3055	2987	2924	2853	2778	2708	2656	2604	2549	2406
25.0	2953	2885	2825	2744	2665	2608	2561	2513	2346	2188
27.5	2827	2762	2704	2611	2531	2495	2458	2301	2124	1960
30.0	2681	2619	2554	2457	2397	2371	2264	2072	1893	1732
32.5	2511	2456	2383	2282	2250	2233	2027	1832	1668	1504
35.0	2311	2269	2187	2090	2091	1987	1781	1610	1444	1267
37.5	2069	2049	1961	1897	1920	1732	1548	1391	1213	1025
40.0	1795	1801	1701	1685	1671	1472	1331	1172	978.3	788.3
42.5	1480	1521	1406	1458	1387	1236	1125	944.8	751.5	563.2
45.0	1116	1203	1066	1208	1088	1020	905.6	724.7	544.8	366.1
47.5	732.9	825.2	736.1	885.5	792.4	815.5	684.8	534.0	354.9	324.1
50.0	434.7	496.5	464.6	545.2	553.5	580.3	481.1	362.8	309.6	280.9
52.5	251.1	279.6	284.5	300.8	365.6	356.8	320.3	277.2	260.8	239.9
55.0	164.4	173.4	184.2	172.2	221.3	204.5	201.6	213.6	217.5	198.7
57.5	126.3	125.0	133.3	122.9	128.3	127.4	138.4	163.7	175.9	154.1
60.0	106.9	102.7	101.2	95.78	85.98	87.74	97.20	127.6	128.4	110.1
62.5	94.38	89.29	84.42	77.11	68.50	66.54	77.17	88.07	85.99	69.49
65.0	83.35	79.04	72.65	64.41	57.52	55.92	59.60	59.93	54.71	49.01
67.5	72.14	69.97	64.09	55.70	49.78	48.48	46.11	44.51	43.52	44.58
70.0	60.39	61.04	55.86	48.74	44.32	40.71	38.71	38.48	39.44	41.18
72.5	49.45	51.93	45.37	41.37	38.49	35.11	34.28	34.97	36.50	37.79
75.0	39.64	40.49	38.12	36.11	32.63	30.99	31.22	32.39	33.13	33.92
77.5	31.31	31.88	31.25	29.70	28.27	28.07	28.63	29.05	29.80	30.71
80.0	24.46	26.28	26.38	25.36	25.14	25.28	25.54	26.37	27.12	22.86
82.5	19.16	20.78	21.26	21.77	21.97	22.45	22.19	14.68	8.424	3.110
85.0	10.91	16.54	17.88	18.41	17.01	7.245	0	0	0	0
87.5	0.3100	8.116	12.50	0	0	0	0	0	0	0
90.0	0.3033	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3067	3061	3056	3052	3049	3046	3044	3044	3043	3045
5.0	2986	2973	2963	2954	2947	2941	2938	2936	2936	2939
7.5	2908	2889	2872	2857	2846	2836	2831	2827	2827	2830
10.0	2835	2808	2784	2763	2746	2733	2724	2719	2718	2721
12.5	2763	2728	2696	2669	2646	2629	2618	2611	2610	2615
15.0	2686	2643	2605	2572	2544	2524	2511	2504	2503	2509
17.5	2604	2555	2494	2416	2351	2300	2264	2244	2238	2248
20.0	2484	2368	2265	2177	2104	2047	2005	1981	1974	1983
22.5	2269	2144	2033	1935	1854	1790	1744	1718	1710	1721
25.0	2043	1912	1793	1687	1600	1532	1483	1455	1447	1458
27.5	1812	1674	1548	1436	1344	1273	1222	1192	1183	1194
30.0	1578	1432	1300	1184	1088	1014	960.9	929.0	918.7	929.1
32.5	1339	1185	1047	928.2	829.4	752.7	698.4	665.7	654.7	664.7
35.0	1094	933.0	791.0	668.7	567.4	489.7	435.1	402.2	390.7	400.0
37.5	847.1	682.9	534.1	406.9	376.5	366.9	360.2	355.7	353.7	353.7
40.0	606.7	433.8	368.0	351.0	338.1	328.7	322.4	318.4	316.7	316.7
42.5	376.6	350.9	329.0	311.5	299.5	290.7	285.0	281.2	279.3	279.2
45.0	337.0	310.8	289.5	272.7	261.2	252.9	247.6	243.9	242.0	241.5
47.5	295.8	270.9	250.0	233.5	222.1	214.2	209.4	206.4	204.9	204.6
50.0	255.2	230.7	209.5	192.8	181.7	174.8	171.0	168.9	167.9	167.6
52.5	214.4	189.2	167.8	151.6	141.4	136.1	133.4	131.7	130.6	129.9
55.0	171.4	146.6	126.0	111.1	102.0	97.76	95.78	94.48	93.25	92.15
57.5	127.9	104.4	84.58	70.35	73.69	79.19	83.78	86.38	86.70	84.75
60.0	85.83	62.23	61.10	63.60	67.58	72.50	76.87	79.53	80.14	78.70
62.5	54.44	55.35	56.55	58.56	62.25	66.88	70.89	73.11	73.42	71.99
65.0	50.00	51.09	52.63	54.74	57.95	61.90	65.16	66.73	66.69	65.27
67.5	46.11	47.59	49.09	50.89	53.33	56.33	58.84	60.08	60.09	59.07
70.0	42.73	43.89	45.05	46.47	48.32	50.55	52.47	53.44	53.48	52.92
72.5	38.75	39.78	40.93	42.33	43.79	45.35	46.54	46.94	46.80	46.49
75.0	34.90	36.12	37.45	38.68	39.65	40.41	40.72	40.46	40.13	40.07
77.5	31.64	32.75	30.30	27.48	25.01	23.07	21.60	20.53	20.06	20.33
80.0	18.01	13.94	10.45	7.392	4.788	2.720	1.215	0.3018	0	0.2988
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

H( $\beta$ ) Range:-90 - 90DEGH( $\beta$ ) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:ss.liu

Test Date:2025-01-03

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:5.450m [K=1.0000]

Remarks:

**Photometric Data Table [cd]**

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3046	3049	3052	3057	3062	3068	3074	3081	3088	3096
5.0	2943	2948	2955	2964	2975	2986	2999	3013	3028	3044
7.5	2836	2844	2855	2869	2885	2903	2923	2945	2967	2991
10.0	2728	2739	2754	2772	2794	2817	2843	2871	2900	2930
12.5	2624	2638	2656	2678	2703	2730	2761	2793	2827	2862
15.0	2520	2537	2559	2583	2610	2641	2674	2710	2749	2787
17.5	2272	2311	2363	2425	2497	2546	2580	2618	2658	2703
20.0	2010	2053	2109	2178	2257	2346	2443	2515	2556	2604
22.5	1749	1795	1855	1929	2016	2112	2216	2329	2445	2495
25.0	1488	1536	1599	1677	1769	1873	1988	2110	2241	2379
27.5	1225	1275	1341	1422	1517	1628	1752	1890	2031	2177
30.0	961.0	1013	1082	1168	1268	1382	1513	1660	1818	1970
32.5	696.4	749.3	822.1	913.6	1020	1143	1278	1427	1591	1764
35.0	431.2	484.8	560.0	656.2	772.0	905.2	1049	1200	1361	1536
37.5	356.4	362.0	370.2	399.0	523.1	664.9	821.5	981.7	1143	1303
40.0	319.3	324.7	332.6	345.0	362.8	425.8	591.4	766.2	932.1	1078
42.5	281.4	286.5	294.5	307.1	324.7	345.9	370.4	549.5	730.9	879.2
45.0	243.3	247.7	255.2	268.1	285.8	307.4	332.1	358.7	528.6	695.0
47.5	206.0	209.5	216.1	228.5	245.7	267.4	293.2	318.9	340.1	504.1
50.0	168.7	171.6	177.6	189.1	205.4	226.5	251.8	278.9	296.9	320.1
52.5	130.3	132.6	138.3	149.4	165.2	185.8	209.2	234.3	254.1	234.0
55.0	91.62	92.87	97.79	108.2	124.2	145.0	168.0	188.5	200.8	188.4
57.5	80.65	75.01	69.31	66.65	82.27	102.8	126.8	147.2	147.6	138.1
60.0	75.26	70.26	65.10	61.29	59.07	60.06	83.88	107.2	111.1	95.05
62.5	68.94	64.72	60.55	57.51	55.47	53.92	52.22	66.37	79.91	73.06
65.0	62.49	58.84	55.40	52.98	51.47	50.33	48.76	46.78	51.06	56.54
67.5	56.89	53.81	50.85	48.69	47.24	46.08	44.91	43.56	41.50	41.83
70.0	51.48	49.21	46.89	45.07	43.60	42.15	40.74	39.58	38.45	36.80
72.5	45.65	44.22	42.69	41.36	40.14	38.77	37.36	35.89	34.67	33.86
75.0	39.80	39.16	38.32	37.31	36.15	35.05	34.06	32.95	31.65	30.37
77.5	21.11	22.32	24.09	26.28	28.82	31.17	30.34	29.61	28.87	27.91
80.0	1.186	2.631	4.609	7.067	9.935	13.25	17.14	21.73	25.66	25.01
82.5	0	0	0	0	0	0	0	2.954	7.945	13.68
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3105	3113	3122	3131	3141	3150	3159	3154	3149	3143
5.0	3061	3079	3097	3115	3134	3153	3172	3161	3150	3139
7.5	3016	3042	3068	3096	3124	3153	3181	3165	3148	3132
10.0	2962	2996	3030	3067	3105	3143	3182	3159	3136	3114
12.5	2899	2936	2978	3022	3069	3117	3167	3137	3108	3080
15.0	2826	2868	2912	2964	3020	3079	3140	3102	3066	3032
17.5	2746	2791	2838	2890	2955	3025	3098	3051	3008	2969
20.0	2657	2704	2752	2803	2872	2951	3036	2980	2930	2890
22.5	2550	2611	2657	2706	2771	2858	2952	2889	2834	2801
25.0	2435	2496	2552	2597	2652	2747	2851	2782	2722	2701
27.5	2307	2367	2436	2477	2523	2622	2738	2661	2600	2592
30.0	2121	2223	2291	2343	2379	2475	2605	2517	2463	2469
32.5	1912	2054	2120	2188	2209	2296	2442	2339	2298	2323
35.0	1703	1830	1922	2002	2009	2075	2237	2118	2099	2142
37.5	1477	1605	1695	1768	1778	1810	1985	1852	1865	1903
40.0	1237	1385	1441	1498	1519	1507	1696	1548	1604	1627
42.5	996.3	1138	1179	1187	1229	1160	1364	1200	1314	1314
45.0	787.8	870.0	921.0	840.4	914.2	788.3	993.2	821.6	994.8	960.2
47.5	602.5	601.2	659.8	544.2	582.5	489.0	634.1	514.6	644.8	637.3
50.0	427.0	406.2	401.6	340.9	333.1	295.2	372.5	310.7	372.8	405.5
52.5	255.2	270.7	225.2	218.5	201.0	192.0	230.2	201.2	222.8	256.8
55.0	143.2	168.6	142.0	150.7	138.0	141.7	160.0	147.6	150.6	172.6
57.5	112.5	101.5	105.3	107.9	109.1	115.9	127.4	120.0	117.4	120.2
60.0	87.28	73.97	82.41	85.30	93.83	100.1	107.5	103.3	100.1	93.30
62.5	65.21	63.74	65.27	72.57	82.20	88.35	94.04	91.23	87.38	78.99
65.0	53.10	53.85	55.32	63.54	71.70	76.88	81.69	79.44	76.13	69.26
67.5	45.07	45.61	49.56	54.05	59.62	64.39	69.39	66.74	63.30	59.04
70.0	36.75	39.96	42.51	44.76	48.40	52.16	57.45	54.04	51.52	49.02
72.5	32.83	33.55	36.44	39.49	41.58	41.60	46.54	43.18	44.40	43.16
75.0	29.96	29.45	30.93	32.34	33.55	34.57	37.04	35.95	35.98	35.19
77.5	26.84	26.48	26.05	27.58	27.70	27.80	29.22	28.97	29.78	30.03

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

**Photometric Data Table [cd]**

80.0	24.39	23.44	22.83	22.15	22.04	21.35	22.95	22.36	23.60	24.12
82.5	20.33	20.54	19.78	18.30	18.64	17.65	18.32	18.56	19.92	20.90
85.0	0	6.428	14.26	14.28	12.71	10.77	15.25	14.18	15.25	17.87
87.5	0	0	0	0	3.952	3.234	1.146	5.168	7.759	0
90.0	0	0	0	0	0	0	0.7222	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3138	3133	3128	3123	3118	3114	3109	3105	3102	3099
5.0	3128	3118	3108	3098	3088	3079	3070	3062	3055	3048
7.5	3116	3100	3085	3070	3056	3043	3029	3017	3006	2995
10.0	3093	3072	3053	3035	3018	3001	2984	2969	2954	2941
12.5	3054	3031	3012	2992	2973	2955	2937	2919	2902	2888
15.0	3003	2981	2961	2942	2923	2903	2883	2865	2849	2833
17.5	2943	2922	2902	2883	2860	2840	2822	2805	2771	2709
20.0	2870	2851	2832	2805	2784	2766	2713	2630	2555	2487
22.5	2785	2771	2742	2717	2697	2600	2506	2418	2337	2263
25.0	2690	2668	2639	2617	2504	2396	2296	2199	2111	2033
27.5	2588	2554	2528	2423	2304	2190	2074	1971	1880	1801
30.0	2458	2428	2355	2227	2100	1967	1847	1740	1651	1571
32.5	2299	2275	2156	2029	1879	1741	1624	1519	1425	1342
35.0	2107	2052	1951	1807	1656	1525	1409	1300	1195	1104
37.5	1876	1823	1723	1574	1441	1317	1193	1070	960.1	865.8
40.0	1610	1591	1472	1345	1237	1108	968.2	840.0	783.9	759.1
42.5	1339	1326	1213	1142	1035	889.5	748.4	718.3	689.8	663.7
45.0	1067	1037	991.1	950.6	822.9	687.9	657.9	626.4	594.0	563.6
47.5	782.8	739.7	792.1	739.2	618.7	599.4	569.2	529.8	494.1	463.1
50.0	484.4	517.4	590.5	528.6	528.5	513.4	472.6	432.1	396.8	367.0
52.5	274.1	351.3	373.5	399.1	443.5	416.6	376.9	340.1	303.9	271.9
55.0	169.9	220.3	217.5	313.0	340.0	321.5	290.8	251.2	210.6	174.5
57.5	123.4	130.2	161.2	217.9	239.7	241.1	207.0	160.8	116.2	77.21
60.0	94.96	90.81	118.4	136.9	172.0	165.1	121.2	70.96	66.85	69.40
62.5	74.05	75.90	81.97	98.49	115.0	89.09	60.11	61.53	62.99	65.37
65.0	62.29	62.19	63.29	71.55	63.48	54.23	56.16	57.56	58.68	60.48
67.5	55.39	51.55	52.39	48.83	47.96	50.39	51.75	52.89	54.12	55.85
70.0	47.10	44.86	41.58	41.93	44.24	45.64	46.93	48.52	50.18	52.02
72.5	40.21	37.36	36.84	38.39	39.59	41.19	42.99	44.71	46.43	48.04
75.0	34.07	32.71	33.52	34.19	35.92	37.64	39.08	40.45	42.01	43.65
77.5	28.70	29.43	29.94	31.31	32.57	33.57	34.63	35.96	33.62	30.89
80.0	25.38	26.14	27.21	27.94	28.71	24.46	19.50	15.28	11.59	8.304
82.5	22.30	23.07	22.69	15.24	8.878	3.323	0	0	0	0
85.0	16.55	7.267	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3096	3094	3092	3090	3089	3089	3090	3091	3092	3094
5.0	3043	3038	3034	3031	3028	3028	3028	3030	3033	3037
7.5	2986	2978	2972	2968	2965	2965	2967	2970	2976	2984
10.0	2929	2918	2910	2905	2902	2902	2906	2913	2922	2934
12.5	2874	2862	2852	2845	2840	2840	2845	2854	2866	2882
15.0	2819	2806	2794	2785	2779	2779	2784	2794	2809	2829
17.5	2655	2611	2576	2554	2544	2550	2570	2605	2652	2712
20.0	2428	2379	2342	2318	2310	2318	2343	2383	2437	2505
22.5	2199	2148	2109	2084	2075	2085	2112	2157	2218	2295
25.0	1968	1914	1875	1850	1841	1851	1881	1929	1995	2078
27.5	1735	1680	1639	1614	1608	1620	1652	1703	1773	1858
30.0	1502	1445	1403	1379	1374	1389	1424	1478	1550	1639
32.5	1267	1208	1165	1142	1139	1156	1192	1249	1324	1416
35.0	1028	968.2	926.6	904.2	903.1	921.6	959.0	1018	1094	1188
37.5	834.6	817.3	805.4	800.1	804.4	816.5	837.0	867.6	903.6	959.1
40.0	737.9	720.1	707.6	701.8	705.7	716.7	736.6	765.5	800.4	846.5
42.5	640.3	621.0	607.9	601.6	604.4	614.8	633.9	661.6	696.0	740.7
45.0	539.4	520.6	507.8	501.4	503.1	512.6	530.2	556.5	589.9	633.5
47.5	439.5	421.8	409.3	402.7	403.6	411.4	427.0	450.7	482.7	525.2
50.0	342.6	324.2	311.3	304.2	304.0	310.0	323.4	344.0	374.3	414.7
52.5	245.1	225.1	211.7	204.5	203.6	208.2	219.4	237.3	265.0	302.8
55.0	145.6	124.9	111.8	104.8	103.1	106.3	115.0	130.5	155.5	191.7
57.5	78.28	84.60	90.63	94.78	96.48	95.52	91.99	86.43	80.44	80.15
60.0	73.86	79.68	85.10	88.63	89.86	88.65	85.06	79.77	74.42	70.63
62.5	69.02	73.86	78.57	81.82	83.15	82.37	79.27	74.31	69.19	65.65
65.0	63.48	67.64	71.89	74.98	76.45	76.14	73.78	69.54	64.98	61.76
67.5	58.63	62.40	66.14	68.71	69.83	69.53	67.52	64.05	60.41	57.79
70.0	54.47	57.64	60.60	62.47	63.21	62.91	61.19	58.30	55.39	53.23

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

## Photometric Data Table [cd]

72.5	49.99	52.35	54.53	55.90	56.50	56.55	55.48	53.28	50.90	48.94
75.0	45.25	46.92	48.42	49.33	49.79	50.20	49.90	48.57	46.84	45.16
77.5	28.53	26.81	25.72	25.04	24.90	25.49	26.54	27.86	29.72	32.26
80.0	5.457	3.159	1.445	0.3680	0	0.3747	1.492	3.283	5.687	8.673
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	3151	3151	3151	3151	3151	3151	3151	3151	3151	3151
2.5	3096	3099	3102	3106	3110	3115	3120	3125	3130	3135
5.0	3043	3049	3057	3066	3075	3085	3096	3107	3119	3130
7.5	2993	3004	3016	3029	3043	3060	3077	3095	3113	3132
10.0	2947	2963	2980	2999	3019	3040	3061	3086	3112	3138
12.5	2902	2924	2947	2971	2997	3024	3051	3079	3110	3141
15.0	2853	2879	2909	2941	2972	3002	3033	3064	3096	3127
17.5	2784	2833	2867	2902	2934	2965	2996	3028	3062	3097
20.0	2586	2680	2784	2857	2889	2917	2943	2973	3007	3045
22.5	2385	2485	2595	2715	2838	2862	2880	2895	2928	2966
25.0	2175	2282	2397	2522	2658	2799	2806	2809	2825	2865
27.5	1960	2073	2193	2318	2453	2598	2721	2711	2701	2739
30.0	1743	1861	1987	2113	2237	2380	2536	2600	2577	2592
32.5	1523	1644	1774	1906	2031	2152	2307	2474	2442	2425
35.0	1299	1420	1552	1690	1826	1944	2071	2237	2296	2242
37.5	1075	1199	1328	1465	1610	1742	1849	1989	2136	2054
40.0	899.2	979.9	1114	1246	1387	1535	1642	1728	1884	1841
42.5	791.3	847.4	907.6	1043	1172	1311	1441	1486	1584	1606
45.0	682.0	735.3	793.7	856.2	980.1	1088	1210	1256	1256	1343
47.5	573.4	625.2	678.2	739.2	799.9	897.1	958.1	1026	923.2	994.6
50.0	463.4	517.1	570.7	621.5	675.8	720.0	711.5	733.9	651.8	618.4
52.5	350.7	405.7	465.0	516.0	546.2	558.4	513.0	452.7	432.8	343.1
55.0	238.3	292.9	353.4	412.8	438.8	394.9	341.1	263.3	261.8	195.0
57.5	127.3	183.2	242.7	302.0	339.6	280.1	207.3	167.1	150.9	138.3
60.0	68.77	75.01	138.2	195.4	226.4	204.9	131.9	112.6	101.6	109.0
62.5	64.14	63.64	63.52	101.3	132.3	126.3	99.85	81.86	82.79	88.67
65.0	60.00	58.99	58.45	57.87	70.19	76.26	73.34	67.45	70.22	74.31
67.5	56.14	54.95	53.82	52.40	51.09	52.49	54.27	57.70	59.82	64.88
70.0	51.73	50.64	49.65	48.06	45.74	44.11	44.32	47.64	52.44	57.40
72.5	47.19	45.85	44.76	43.71	41.94	39.60	38.67	40.24	44.80	47.67
75.0	43.34	41.54	39.98	38.72	37.55	36.35	34.90	35.04	37.36	41.13
77.5	35.15	37.51	35.88	34.57	33.23	32.13	31.66	31.38	31.95	33.19
80.0	12.11	15.95	20.31	25.45	29.82	28.77	27.84	27.82	27.90	28.13
82.5	0	0	0	3.457	9.242	15.90	23.78	24.17	23.82	23.59
85.0	0	0	0	0	0	0	0	7.716	18.00	19.50
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	3151	3151								
2.5	3141	3146								
5.0	3142	3154								
7.5	3151	3169								
10.0	3164	3189								
12.5	3171	3201								
15.0	3159	3191								
17.5	3127	3159								
20.0	3074	3102								
22.5	3000	3025								
25.0	2907	2926								
27.5	2790	2805								
30.0	2645	2665								
32.5	2480	2505								
35.0	2288	2320								
37.5	2063	2101								
40.0	1799	1851								
42.5	1495	1567								
45.0	1141	1242								
47.5	796.7	855.6								
50.0	509.4	517.0								
52.5	314.0	291.4								
55.0	202.9	180.4								
57.5	145.4	131.5								
60.0	112.2	107.2								
62.5	92.28	93.38								

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks:

**Photometric Data Table [cd]**

65.0	79.59	82.89
67.5	70.52	73.52
70.0	61.63	64.21
72.5	49.88	54.53
75.0	42.06	42.21
77.5	34.07	33.07
80.0	28.44	27.19
82.5	22.57	21.44
85.0	18.68	17.66
87.5	12.98	10.88
90.0	0	0

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ss.liu  
Test Date:2025-01-03

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:5.450m [K=1.0000]  
Remarks: