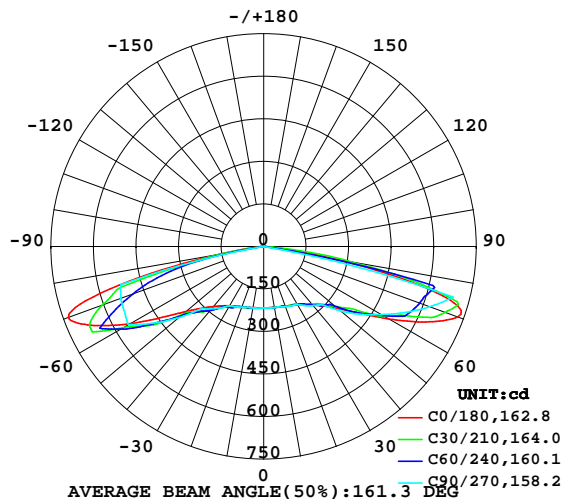


## LUMINAIRE PHOTOMETRIC TEST REPORT

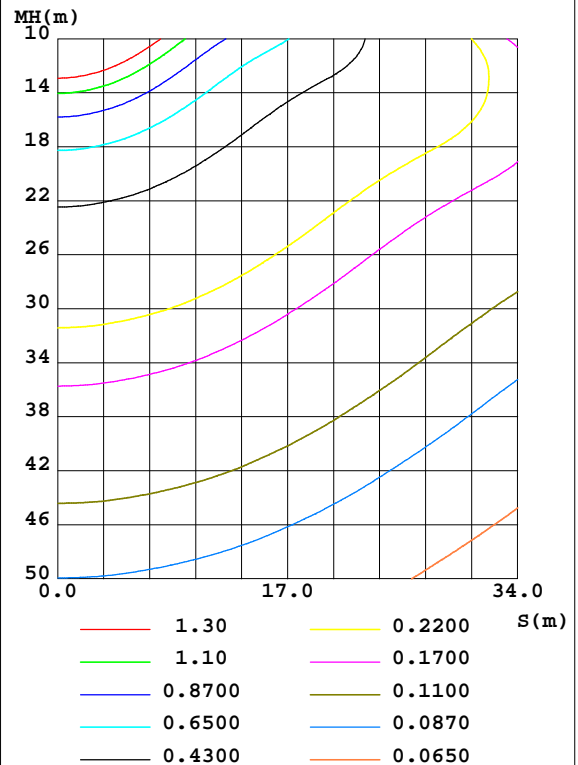
Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 143.72 lm/W			
MODEL	GHE-03-U	Imax(cd)	738.3	S/MH(C0/180)	2.01
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	2.15
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2119.0	$\eta$ UP,DN(C0-180)	0.0,50.3
NOMINAL FLUX(lm)	2118.97	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,49.7
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	120	$\eta$ down(%)	100.0	CIBSE SHR MAX	2.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-11-07

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.898m [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	218.1	219.0	219.1	220.3	219.4	221.1	220.2	219.6	0- 10	20.88	20.88	0.99,0.99
20	224.0	223.1	225.6	226.2	226.4	228.5	228.3	223.8	10- 20	63.13	84.01	3.96,3.96
30	237.8	238.1	236.4	243.3	242.2	249.4	241.5	241.1	20- 30	108.1	192.2	9.07,9.07
40	268.9	265.7	272.2	272.0	277.3	284.9	286.7	272.2	30- 40	162.1	354.3	16.7,16.7
50	340.0	338.5	353.6	348.8	357.1	382.7	390.0	356.8	40- 50	241.0	595.3	28.1,28.1
60	512.7	488.1	480.5	511.4	545.2	567.3	551.7	516.1	50- 60	391.9	987.3	46.6,46.6
70	728.6	618.9	623.1	620.8	732.9	626.2	536.6	626.7	60- 70	592.8	1580	74.6,74.6
80	243.7	344.4	0	223.4	148.2	77.33	0	262.1	70- 80	506.5	2087	98.5,98.5
90	1.512	0	0	0	1.752	0	0	0	80- 90	32.47	2119	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): 462.14 lm

%lum = 21.8%

%lamp = 21.8%

Conical surface Flux(120deg): 987.25 lm

%lum = 46.6%

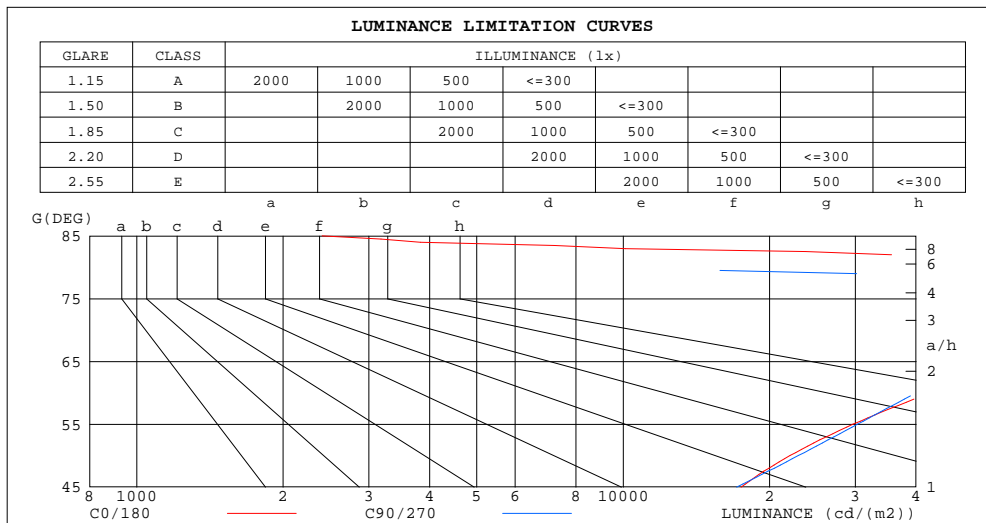
%lamp = 46.6%

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-11-07

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.898m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2404	0
80	58480	0
75	101765	111332
70	88761	75905
65	62186	54344
60	42723	40043
55	29719	30331
50	22038	22922
45	17479	17119

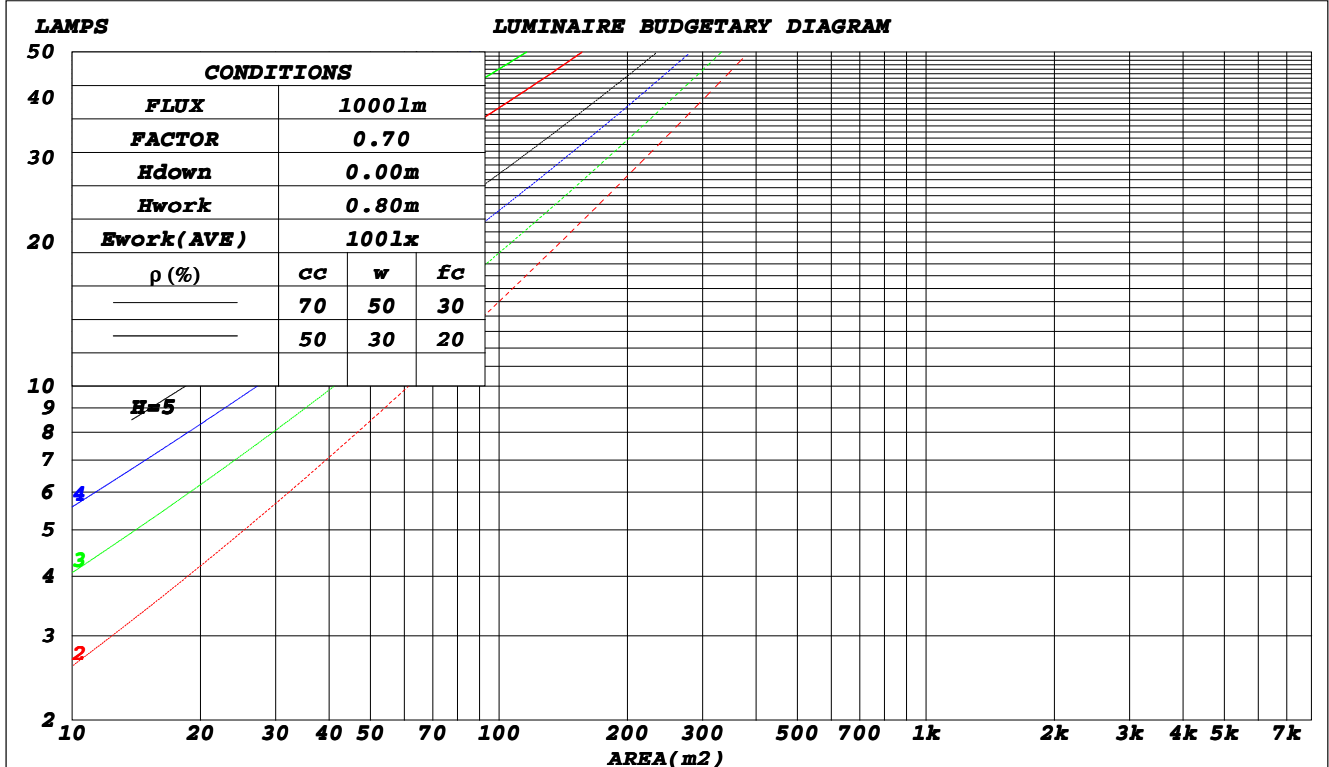
**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

$\rho_{cc}$	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						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	1.00
1.0	.97	.91	.86	.95	.89	.84	.90	.86	.81	.86	.82	.79	.82	.79	.76	.74
2.0	.78	.69	.61	.76	.68	.60	.73	.65	.59	.69	.63	.57	.66	.60	.56	.53
3.0	.65	.54	.45	.63	.53	.44	.60	.51	.43	.57	.49	.43	.54	.47	.42	.39
4.0	.55	.43	.34	.53	.42	.34	.50	.41	.33	.48	.39	.33	.45	.38	.32	.30
5.0	.47	.36	.27	.46	.35	.27	.43	.34	.27	.41	.33	.26	.39	.32	.26	.23
6.0	.41	.30	.22	.40	.30	.22	.38	.29	.22	.36	.28	.21	.34	.27	.21	.19
7.0	.37	.26	.19	.36	.26	.18	.34	.25	.18	.32	.24	.18	.31	.23	.18	.15
8.0	.33	.23	.16	.32	.22	.16	.31	.22	.16	.29	.21	.15	.28	.21	.15	.13
9.0	.30	.20	.14	.29	.20	.14	.28	.19	.14	.27	.19	.13	.26	.18	.13	.11
10.0	.27	.18	.12	.27	.18	.12	.26	.17	.12	.25	.17	.12	.24	.17	.12	.10



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-11-07

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.898m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

$\rho_{cc}$	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	.438	.249	.079	.431	.246	.078	.417	.239	.076	.404	.233	.075	.392	.227	.073		
2.0	.406	.223	.068	.400	.220	.068	.387	.215	.067	.375	.210	.066	.364	.206	.065		
3.0	.364	.194	.058	.358	.191	.058	.346	.188	.057	.335	.184	.056	.326	.180	.056		
4.0	.324	.169	.050	.319	.167	.049	.309	.164	.049	.299	.161	.048	.290	.158	.048		
5.0	.291	.148	.043	.286	.147	.043	.277	.144	.042	.268	.142	.042	.260	.139	.042		
6.0	.263	.132	.038	.258	.131	.038	.250	.128	.037	.243	.126	.037	.236	.124	.037		
7.0	.239	.118	.034	.235	.117	.033	.228	.115	.033	.221	.113	.033	.215	.112	.033		
8.0	.219	.107	.030	.216	.106	.030	.209	.105	.030	.203	.103	.030	.198	.101	.030		
9.0	.202	.098	.027	.199	.097	.027	.193	.096	.027	.188	.094	.027	.183	.093	.027		
10.0	.187	.090	.025	.185	.089	.025	.180	.088	.025	.175	.087	.025	.170	.086	.025		

$\rho_{cc}$	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	.189	.155	.124	.162	.133	.107	.111	.092	.074	.064	.053	.043	.020	.017	.014	
2.0	.188	.131	.084	.161	.113	.073	.110	.078	.051	.063	.046	.030	.020	.015	.010	
3.0	.183	.115	.061	.156	.099	.053	.107	.069	.037	.062	.040	.022	.020	.013	.007	
4.0	.175	.103	.047	.150	.089	.041	.103	.062	.029	.060	.036	.017	.019	.012	.006	
5.0	.167	.093	.038	.144	.080	.033	.099	.056	.023	.057	.033	.014	.018	.011	.005	
6.0	.159	.085	.032	.137	.074	.028	.094	.052	.020	.055	.030	.012	.018	.010	.004	
7.0	.151	.078	.028	.130	.068	.024	.090	.048	.017	.052	.028	.010	.017	.009	.003	
8.0	.143	.073	.024	.123	.063	.021	.085	.044	.015	.049	.026	.009	.016	.009	.003	
9.0	.135	.068	.022	.117	.059	.019	.081	.041	.014	.047	.024	.008	.015	.008	.003	
10.0	.128	.063	.020	.111	.055	.017	.077	.039	.012	.045	.023	.007	.015	.008	.002	

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**

UGR(Unified Glare Rating) Table

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm										
NAME: LED Explosion-proof Light					TYPE:Flood Light			WEIGHT:N/A		
SPEC.:15W					DIM.: 10mm			SERIAL No.:N/A		
MFR.: Grin Industrial Co., Ltd.					SUR.:N/A			Shielding Angle:N/A		
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	23.6	25.5	23.9	25.8	26.0	23.4	25.4	23.7	25.6	25.8
3H	28.7	30.5	29.0	30.8	31.1	28.0	29.8	28.3	30.1	30.3
4H	30.9	32.7	31.2	32.9	33.2	30.4	32.1	30.7	32.4	32.7
6H	31.9	33.5	32.2	33.8	34.1	30.8	32.5	31.2	32.8	33.1
8H	31.9	33.5	32.3	33.9	34.2	30.8	32.4	31.1	32.7	33.0
12H	31.9	33.4	32.3	33.8	34.1	30.7	32.3	31.1	32.6	32.9
4H 2H	25.2	27.0	25.6	27.2	27.5	25.1	26.8	25.4	27.1	27.4
3H	30.1	31.7	30.5	32.0	32.3	29.4	30.9	29.8	31.3	31.6
4H	32.3	33.8	32.7	34.1	34.5	31.9	33.3	32.3	33.7	34.0
6H	33.4	34.7	33.8	35.0	35.4	32.4	33.7	32.8	34.0	34.4
8H	33.5	34.7	33.9	35.1	35.5	32.3	33.5	32.7	33.9	34.3
12H	33.5	34.6	33.9	35.0	35.4	32.3	33.4	32.7	33.8	34.2
8H 4H	32.8	34.1	33.3	34.4	34.8	32.5	33.8	33.0	34.1	34.6
6H	34.0	35.1	34.5	35.5	35.9	33.1	34.1	33.6	34.5	35.0
8H	34.2	35.1	34.7	35.6	36.0	33.1	34.0	33.5	34.4	34.9
12H	34.2	35.0	34.7	35.5	36.0	33.1	33.8	33.5	34.3	34.8
12H 4H	32.8	34.0	33.3	34.4	34.8	32.6	33.7	33.0	34.1	34.6
6H	34.1	35.0	34.5	35.4	35.9	33.2	34.1	33.7	34.5	35.0
8H	34.3	35.0	34.7	35.5	36.0	33.2	34.0	33.6	34.4	34.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.0 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.4 / - 0.4				
2.0H	+ 0.3 / - 0.3					+ 0.8 / - 1.0				

CIE Pub.117, 2119 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 2.6$ )  
Area: 0.024 m<sup>2</sup>

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-11-07

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.898m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

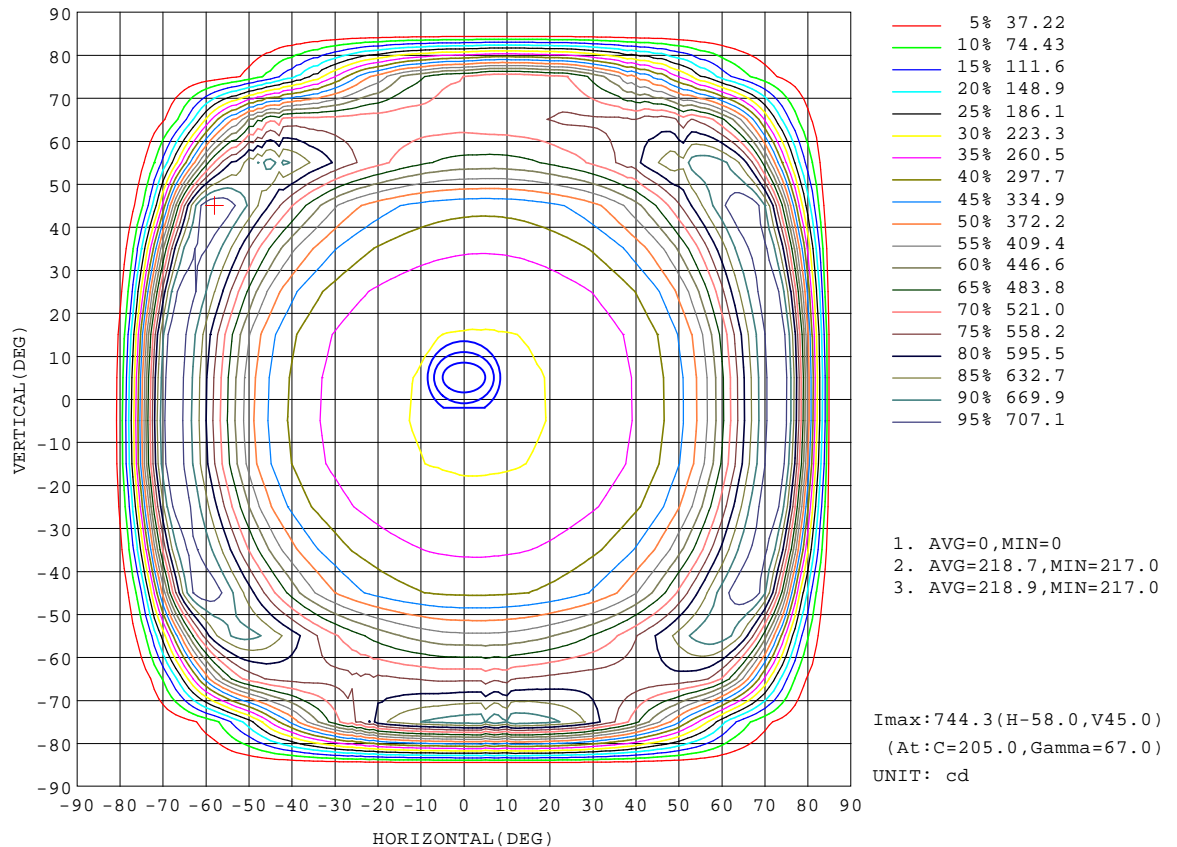
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	29	21	43	29	21	41	29	21	13
0.80	52	37	28	51	37	27	49	36	27	18
1.00	60	44	35	58	44	34	55	46	34	24
1.25	67	52	42	65	52	42	62	50	41	31
1.50	73	59	49	71	58	49	68	56	48	37
2.00	83	70	61	80	69	60	76	66	58	48
2.50	89	77	69	86	76	68	82	73	66	55
3.00	94	84	76	91	82	75	86	79	72	62
4.00	100	92	85	97	90	84	93	86	81	71
5.00	104	97	92	101	95	90	96	91	87	77
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:Jessy**  
**Test Date:2024-11-07**

**$V(B)$  Range:-75 - 75DEG**  
 **$V(B)$  Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

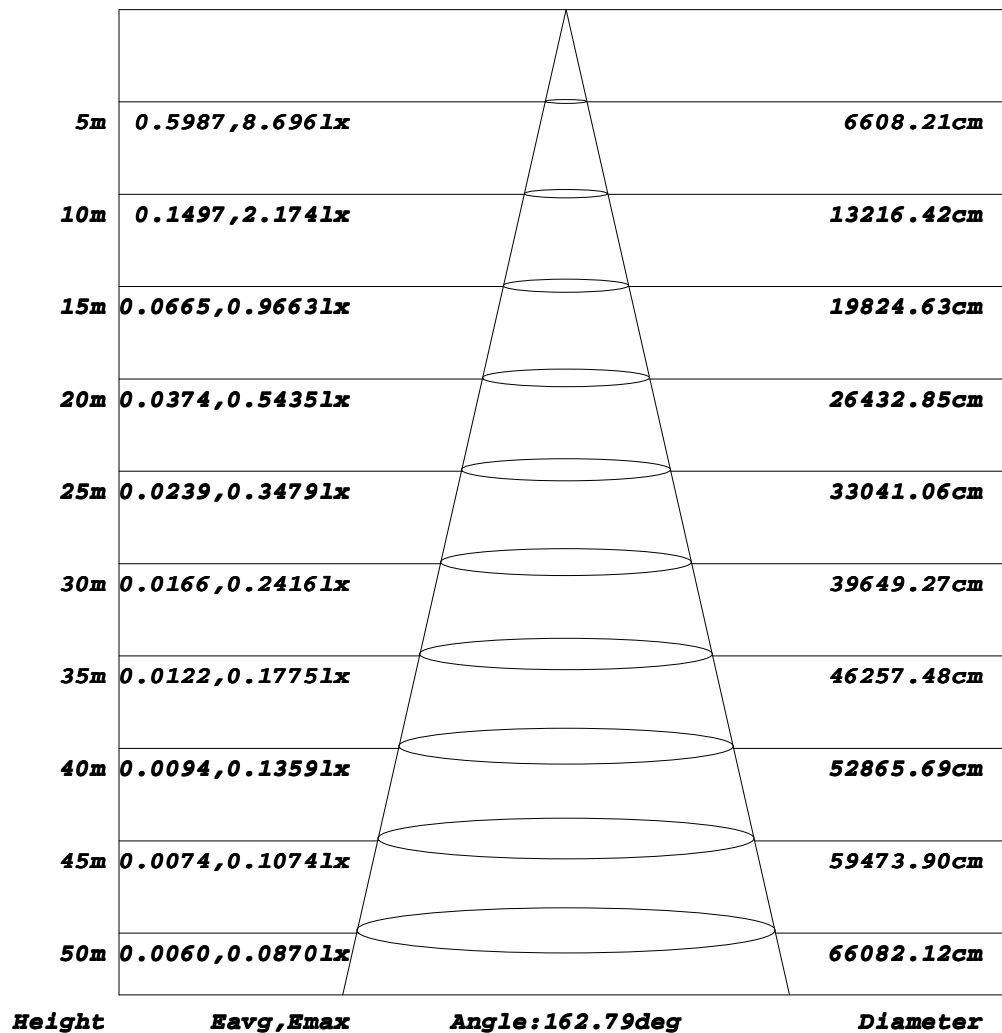
**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**



## AAI Figure

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

Flux out:2105 lm



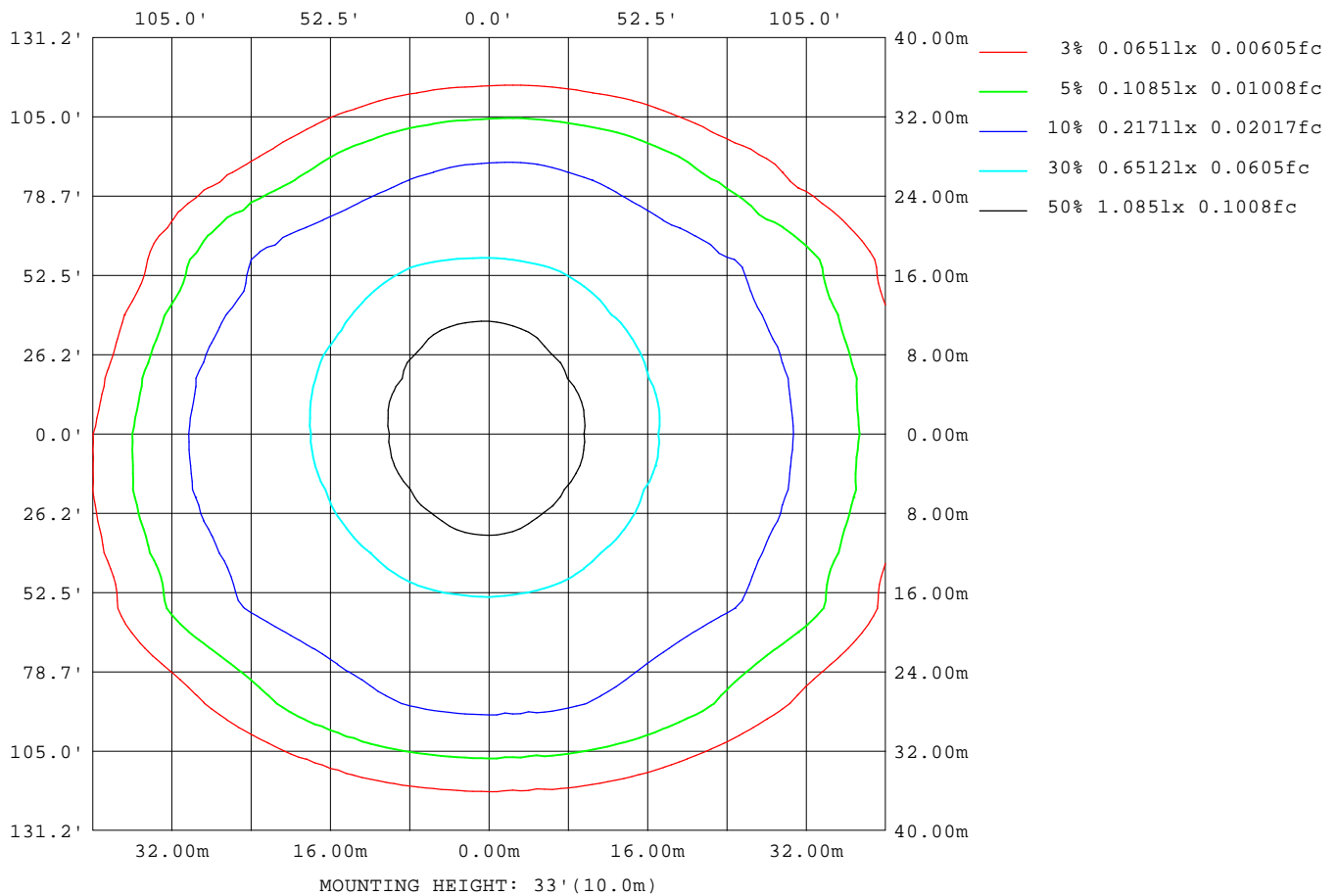
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: Jessy**  
**Test Date: 2024-11-07**

**V(B) Range: -75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity: 65%**  
**Test Distance: 6.898m [K=1.0000]**  
**Remarks:**

## ISOLUX DIAGRAM

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**

## LED Avg.L Report

Test:U:41.650V I:0.3540A P:14.744W PF:0.9900 Freq:59.98Hz Lamp Flux:2118.97x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:15W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

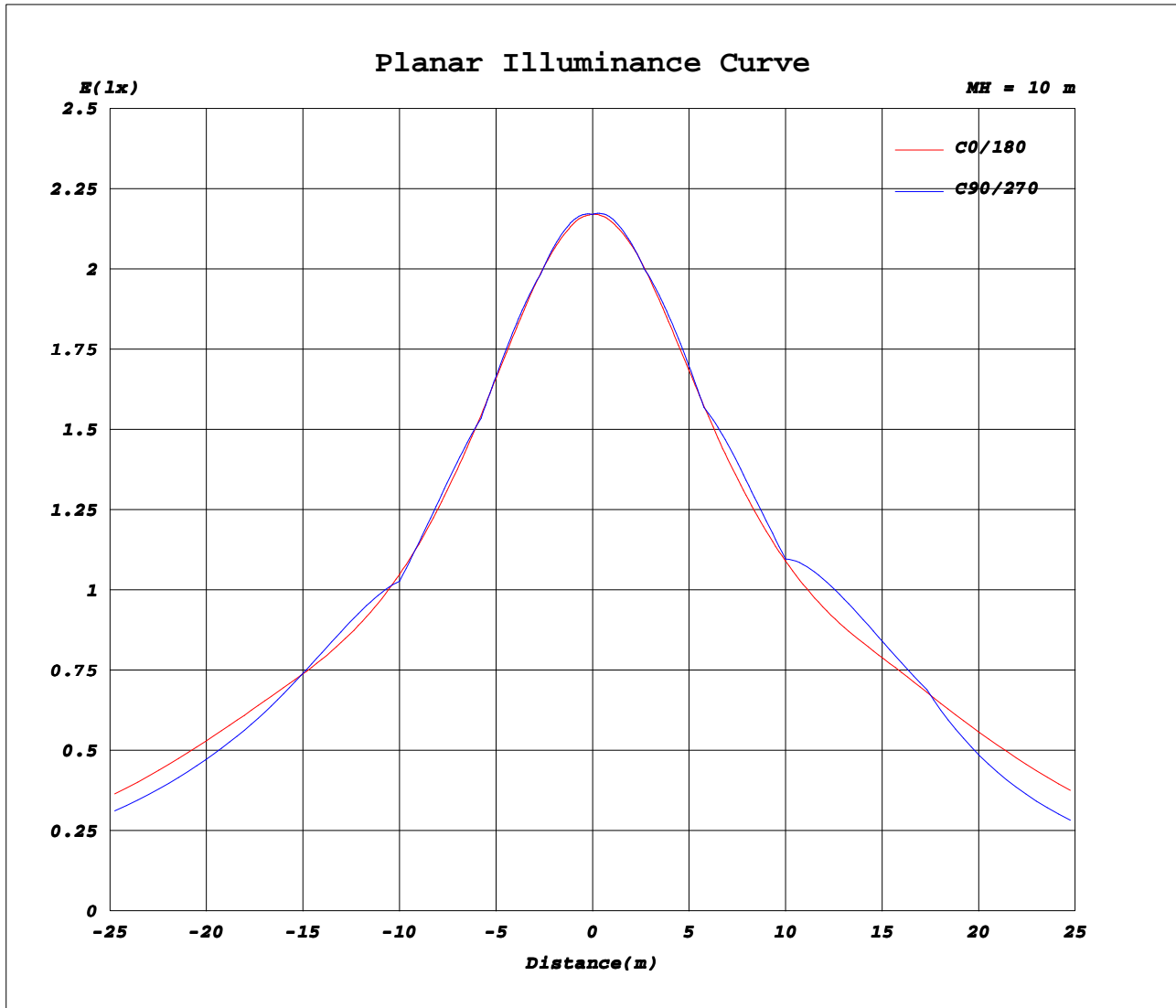
AvgL	cd/m2
L_0~180(65)av	63632
L_0~180(75)av	93394
L_0~180(85)av	3978
L_90~270(65)av	53906
L_90~270(75)av	97653
L_90~270(85)av	0
L_45(65)av	61900
L_45(75)av	72772
L_45(85)av	0

Standard: GB/T 29293-2012

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**

## Planar Illuminance Curve



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-11-07

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.898m [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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.1	217.1	217.1	217.2	217.2	217.3	217.3	217.3	217.4	217.4
5.0	217.3	217.4	217.5	217.5	217.6	217.6	217.7	217.7	217.8	217.8
7.5	217.5	217.6	217.7	217.8	218.0	218.1	218.1	218.2	218.3	218.3
10.0	218.1	218.2	218.3	218.4	218.5	218.5	218.6	218.6	218.9	219.0
12.5	219.1	219.2	219.2	219.3	219.2	219.4	219.6	219.7	219.8	219.9
15.0	220.6	220.6	220.6	220.5	220.5	220.8	221.0	221.2	221.2	220.9
17.5	222.3	222.2	222.1	221.9	222.2	222.6	222.8	222.9	222.4	221.9
20.0	224.0	223.9	223.8	223.7	224.3	224.7	224.8	224.1	223.6	223.1
22.5	226.6	226.3	225.8	226.1	226.9	227.4	226.4	225.5	224.7	225.8
25.0	229.7	229.2	228.4	229.3	230.3	229.8	228.3	227.0	228.7	229.9
27.5	233.5	232.6	231.7	233.3	234.3	232.3	230.5	232.0	233.6	234.5
30.0	237.8	236.6	236.1	238.1	237.7	235.2	235.5	237.9	239.1	238.1
32.5	243.6	241.7	241.7	244.3	241.8	238.5	242.4	244.9	243.4	242.0
35.0	250.5	247.8	248.8	251.4	246.6	246.9	250.9	250.1	248.2	248.0
37.5	258.9	255.2	257.6	258.3	252.0	257.2	259.0	255.9	255.5	255.9
40.0	268.9	263.9	268.3	266.1	262.6	269.5	266.4	264.0	265.3	265.7
42.5	281.2	274.1	281.6	275.0	277.2	280.4	274.4	276.3	277.2	278.1
45.0	296.6	286.5	298.1	285.0	295.3	291.0	288.4	290.4	291.8	292.0
47.5	315.8	304.2	314.9	302.4	315.3	302.8	307.2	308.1	308.1	314.1
50.0	340.0	327.0	333.9	329.2	332.5	326.3	329.9	327.9	335.7	338.5
52.5	370.9	356.5	364.1	364.1	351.9	357.5	355.3	360.6	367.7	354.5
55.0	409.1	395.0	382.5	406.7	383.7	392.8	387.3	403.1	388.5	375.6
57.5	457.2	443.9	416.9	440.1	435.1	427.6	441.5	434.9	414.1	433.0
60.0	512.7	503.4	481.3	475.7	492.8	477.8	493.8	462.6	479.8	488.1
62.5	571.4	569.2	554.6	535.4	535.7	552.8	527.7	531.2	539.0	530.2
65.0	630.7	626.4	624.8	613.7	593.8	603.6	585.8	594.6	581.5	583.8
67.5	684.1	668.7	661.7	664.2	673.4	643.3	651.2	633.2	637.5	647.2
70.0	728.6	703.7	697.4	693.3	709.4	686.5	680.7	687.5	681.8	618.9
72.5	724.1	727.0	724.8	708.6	702.2	692.9	708.7	691.3	610.9	570.4
75.0	632.1	649.3	672.2	696.9	634.0	651.1	656.0	581.0	528.1	514.0
77.5	449.5	475.8	489.0	477.9	512.8	533.6	504.7	448.0	440.0	466.0
80.0	243.7	343.2	354.1	348.8	344.0	353.4	314.5	326.9	364.6	344.4
82.5	74.30	150.8	136.5	155.3	170.4	161.2	168.5	154.6	110.3	46.47
85.0	5.029	49.02	42.31	45.58	44.64	33.02	0	0	0	0
87.5	1.394	6.106	8.389	0	0	0	0	0	0	0
90.0	1.512	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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.4	217.5	217.5	217.5	217.5	217.6	217.6	217.6	217.7	217.7
5.0	217.8	217.9	217.9	218.0	218.1	218.1	218.2	218.2	218.3	218.3
7.5	218.4	218.4	218.5	218.5	218.6	218.6	218.6	218.7	218.7	218.7
10.0	219.1	219.2	219.2	219.2	219.2	219.2	219.1	219.1	219.1	219.2
12.5	219.9	219.9	219.9	219.8	219.8	219.7	219.7	219.6	219.7	219.8
15.0	220.7	220.6	220.4	220.4	220.3	220.2	220.2	220.2	220.3	220.6
17.5	221.5	221.2	221.3	221.9	222.3	222.6	222.7	222.8	222.9	223.1
20.0	223.0	223.8	224.4	224.9	225.2	225.5	225.5	225.6	225.6	225.6
22.5	226.8	227.4	227.7	227.9	228.0	228.1	228.1	228.2	228.4	228.6
25.0	230.8	230.8	230.6	230.5	230.6	230.7	230.7	230.9	231.1	231.6
27.5	234.0	233.7	233.3	233.2	233.4	233.7	233.7	233.6	233.8	234.1
30.0	237.3	236.8	237.1	236.9	236.8	236.7	236.8	236.3	236.4	236.6
32.5	241.7	241.8	241.5	240.9	242.3	243.6	244.6	245.0	245.5	245.7
35.0	248.1	247.4	248.6	250.0	251.1	252.3	253.2	253.8	254.6	255.1
37.5	255.8	257.1	258.1	259.1	260.5	261.7	262.5	262.9	263.4	263.7
40.0	266.7	267.3	269.0	270.5	271.2	271.6	272.0	272.1	272.2	272.4
42.5	278.3	281.2	282.3	282.5	281.6	280.9	280.9	281.0	281.4	281.9
45.0	296.0	297.0	294.9	292.2	290.6	289.7	289.6	289.8	290.5	291.5
47.5	315.4	309.8	305.1	301.8	307.3	313.5	317.9	320.6	322.1	321.9
50.0	328.9	321.3	326.5	336.6	343.3	347.7	350.6	352.5	353.6	353.3
52.5	342.4	357.6	368.8	376.1	378.8	380.5	382.1	384.0	385.6	385.8
55.0	392.5	404.4	409.2	410.9	411.7	412.2	413.3	415.5	417.5	418.5
57.5	444.1	444.7	445.7	445.6	446.7	446.6	446.4	447.4	449.0	450.0
60.0	484.3	483.1	487.3	488.2	486.2	483.0	480.2	479.3	480.5	481.4
62.5	529.0	533.4	534.5	530.8	522.1	517.5	512.5	513.1	515.9	515.4
65.0	586.4	579.4	561.9	554.2	550.8	550.4	543.6	546.0	551.2	549.5
67.5	605.3	580.5	574.7	576.2	580.1	584.8	582.1	582.3	587.1	583.9
70.0	585.8	577.4	585.2	598.5	610.0	619.5	622.4	620.1	623.1	618.2
72.5	561.3	571.1	593.1	620.9	640.5	654.4	648.8	647.7	657.3	650.1
75.0	534.5	569.6	610.0	646.3	671.9	689.5	672.2	672.8	691.6	681.9
77.5	517.3	570.1	541.7	493.7	446.8	407.5	362.0	342.2	345.8	347.5
80.0	300.2	243.3	186.6	132.8	85.55	48.07	20.34	5.022	0	5.107
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(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-07

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.898m [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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.7	217.7	217.7	217.7	217.7	217.7	217.7	217.7	217.7	217.7
5.0	218.4	218.4	218.5	218.6	218.6	218.6	218.6	218.5	218.5	218.5
7.5	218.8	218.9	219.0	219.1	219.2	219.3	219.4	219.5	219.6	219.6
10.0	219.2	219.3	219.5	219.7	219.8	220.0	220.2	220.3	220.5	220.7
12.5	220.1	220.2	220.4	220.5	220.6	220.7	221.0	221.2	221.4	221.8
15.0	220.9	221.2	221.5	221.8	221.9	222.0	222.2	222.2	222.4	222.9
17.5	223.3	223.4	223.6	223.4	223.4	223.6	223.8	224.1	224.2	224.2
20.0	225.8	226.0	226.1	226.1	226.1	226.1	226.1	226.2	226.6	226.7
22.5	228.9	229.1	229.2	229.0	228.9	229.1	229.2	229.4	229.4	229.7
25.0	232.1	232.4	232.7	233.1	233.1	232.9	232.6	232.9	233.2	233.6
27.5	234.6	235.2	236.0	237.2	237.8	237.9	237.6	236.8	237.3	238.1
30.0	237.1	237.7	238.7	240.1	241.6	243.1	243.6	243.3	242.3	243.0
32.5	245.7	245.2	244.4	243.2	244.9	246.7	249.2	251.0	250.4	248.5
35.0	255.4	255.5	255.6	254.8	252.9	250.3	253.4	257.1	259.5	258.2
37.5	264.2	265.0	266.2	265.9	263.9	260.1	262.4	267.4	269.7	269.7
40.0	272.9	273.8	275.3	276.7	278.3	279.4	277.1	272.0	274.2	281.1
42.5	282.9	284.1	285.5	286.6	288.9	292.0	295.4	292.4	284.9	289.7
45.0	293.2	295.7	298.2	300.3	301.7	304.0	308.9	314.5	309.7	298.8
47.5	321.0	319.7	317.1	315.2	319.0	321.9	322.9	330.7	338.5	328.5
50.0	352.5	352.1	350.5	347.7	343.9	343.5	348.1	348.8	358.9	365.8
52.5	386.7	387.4	386.1	383.3	381.0	378.1	376.5	382.1	380.9	396.7
55.0	421.7	424.9	426.5	426.2	422.7	417.3	417.2	420.0	424.8	424.9
57.5	453.3	459.0	465.1	470.9	471.1	467.4	459.5	463.0	474.2	474.6
60.0	484.2	491.1	498.6	507.1	514.9	521.3	518.2	511.4	517.7	536.3
62.5	517.2	521.6	528.8	542.0	553.2	562.4	573.3	576.7	567.0	577.2
65.0	550.4	550.7	552.7	556.9	569.8	596.2	615.0	629.8	629.9	618.1
67.5	581.3	577.7	573.6	568.0	570.6	581.8	617.1	672.2	676.4	669.3
70.0	611.6	603.5	592.4	573.4	562.1	562.2	579.8	620.8	694.4	701.9
72.5	640.2	626.1	606.4	577.9	554.3	537.4	533.0	547.7	590.6	671.0
75.0	668.4	647.2	616.6	566.1	536.1	497.1	475.2	467.9	481.4	512.5
77.5	360.3	380.8	405.7	420.2	449.5	447.2	395.0	363.4	358.1	375.6
80.0	20.25	44.88	77.67	113.5	154.4	189.0	213.4	223.4	202.1	207.2
82.5	0	0	0	0	0	0	0	29.81	56.90	64.61
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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.6	217.6	217.6	217.5	217.4	217.4	217.3	217.4	217.5	217.6
5.0	218.4	218.3	218.2	218.1	218.0	217.9	217.7	217.9	218.1	218.3
7.5	219.5	219.4	219.2	219.0	218.9	218.6	218.4	218.7	219.0	219.3
10.0	220.9	220.8	220.6	220.4	220.1	219.8	219.4	219.9	220.3	220.7
12.5	222.1	222.4	222.3	222.1	221.8	221.4	220.9	221.5	222.0	222.5
15.0	223.4	223.8	224.3	224.1	223.6	223.0	222.4	223.3	224.0	224.7
17.5	224.8	225.4	226.1	226.5	225.8	225.0	224.1	225.3	226.4	227.2
20.0	226.6	227.3	228.3	229.2	228.8	227.7	226.4	228.0	229.4	230.2
22.5	229.8	229.5	230.9	232.2	232.4	231.0	229.3	231.4	233.2	233.4
25.0	233.8	233.5	234.0	235.8	236.9	235.0	232.7	235.5	237.9	237.2
27.5	238.5	238.3	237.6	239.8	242.0	240.0	237.1	240.6	243.3	241.5
30.0	244.0	244.3	243.5	244.5	247.6	246.0	242.2	246.9	249.2	246.6
32.5	250.0	251.4	250.6	250.0	254.2	253.5	248.5	254.6	256.2	252.6
35.0	256.7	259.0	259.6	257.1	262.1	262.8	256.3	264.1	264.6	260.6
37.5	266.8	267.6	270.6	267.8	271.3	274.1	265.9	275.8	274.3	272.0
40.0	281.0	277.2	282.1	280.9	282.0	288.0	277.3	290.0	285.6	286.1
42.5	297.8	292.6	294.7	297.1	294.4	305.1	291.3	307.6	298.8	303.6
45.0	311.0	314.2	309.3	317.7	309.0	326.8	308.3	330.0	314.4	326.2
47.5	323.8	341.4	329.4	340.5	332.1	351.0	330.1	355.2	339.2	351.4
50.0	347.6	362.0	364.2	365.1	362.9	380.7	357.1	385.9	372.5	379.5
52.5	395.4	382.7	408.8	394.1	404.5	417.6	391.9	423.8	416.4	412.1
55.0	446.4	424.3	451.2	431.3	457.9	461.2	436.0	468.2	471.8	453.0
57.5	480.9	493.3	484.0	496.3	517.8	508.9	488.8	516.6	532.9	521.5
60.0	526.4	551.9	528.5	568.6	564.0	557.7	545.2	565.8	580.6	596.3
62.5	597.7	589.1	608.6	619.5	607.5	605.6	603.1	614.2	625.8	649.0
65.0	641.6	651.4	667.7	652.0	652.9	660.7	660.1	668.5	670.9	683.3
67.5	658.5	709.2	696.0	695.8	709.0	712.8	707.4	716.4	714.1	708.9
70.0	667.6	685.2	719.8	700.5	709.3	712.5	732.9	700.2	682.5	669.2
72.5	667.1	614.3	662.0	671.1	676.9	598.1	678.5	564.2	630.2	610.3
75.0	573.8	539.9	517.3	483.2	476.8	483.0	528.1	438.7	399.0	372.7
77.5	379.1	393.9	327.8	363.5	300.4	300.5	329.1	259.2	222.0	256.4

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-07

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.898m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	235.8	218.9	184.8	127.4	95.32	89.94	148.2	66.31	57.30	69.71
82.5	53.32	91.25	88.30	51.90	45.24	29.73	44.83	20.29	25.73	22.13
85.0	0	8.489	10.22	21.44	11.17	6.287	11.61	4.256	6.426	9.411
87.5	0	0	0	0	2.761	2.619	2.067	2.180	1.627	0
90.0	0	0	0	0	0	0	1.752	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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.6	217.7	217.8	217.8	217.9	217.9	217.9	218.0	218.0	218.0
5.0	218.4	218.5	218.6	218.7	218.8	218.9	218.9	219.0	219.0	219.0
7.5	219.5	219.7	219.9	220.0	220.1	220.1	220.0	219.9	219.9	219.8
10.0	221.0	221.2	221.4	221.3	221.2	221.1	220.9	220.8	220.7	220.6
12.5	222.9	223.1	222.9	222.6	222.4	222.1	221.8	221.8	221.7	221.6
15.0	225.1	224.8	224.4	223.9	223.5	223.5	223.5	223.4	223.3	223.0
17.5	227.1	226.6	226.1	225.6	225.7	225.7	225.4	225.3	225.1	225.4
20.0	229.5	228.7	228.3	228.6	228.7	228.5	228.4	228.4	228.7	228.7
22.5	232.4	231.3	231.9	232.1	231.9	232.2	232.3	232.2	232.2	232.5
25.0	235.7	235.7	236.3	236.4	236.5	236.6	236.5	236.9	237.4	237.4
27.5	239.8	241.1	241.8	241.8	241.6	241.5	242.8	243.3	243.2	242.4
30.0	246.1	247.5	247.9	247.7	247.4	249.4	250.1	249.7	247.9	246.2
32.5	254.1	255.6	255.1	254.4	257.3	258.6	256.9	254.3	252.0	249.9
35.0	264.1	264.7	263.1	265.9	268.3	266.2	262.4	259.1	262.5	265.1
37.5	276.1	274.7	275.2	279.5	277.9	272.9	271.0	276.4	279.6	280.9
40.0	289.2	286.1	292.1	293.2	286.2	284.9	292.4	296.2	295.6	293.8
42.5	303.8	304.4	312.2	303.9	299.4	310.4	315.6	312.6	309.5	306.6
45.0	320.7	329.4	328.2	315.6	330.9	338.1	333.0	328.2	326.3	324.7
47.5	344.0	360.7	344.0	352.3	367.2	359.2	351.5	351.3	348.4	344.2
50.0	383.9	385.5	372.4	397.1	393.3	382.7	383.2	378.7	379.8	385.0
52.5	433.9	410.7	427.7	433.9	421.6	425.3	419.3	420.4	425.0	429.2
55.0	481.0	458.0	485.5	467.5	472.9	471.9	466.5	466.7	474.7	481.7
57.5	517.7	532.0	524.5	522.8	528.2	517.9	514.3	524.3	531.6	535.6
60.0	565.8	593.9	573.6	589.8	572.0	567.3	578.8	585.9	583.6	580.8
62.5	643.7	632.7	647.4	623.8	613.1	632.8	637.1	633.8	629.8	621.8
65.0	696.6	692.0	675.4	647.6	661.3	686.0	683.7	665.7	612.5	581.4
67.5	717.4	731.5	651.9	649.0	690.4	729.3	652.5	590.6	553.5	538.2
70.0	695.9	662.5	605.5	662.5	701.9	626.2	553.1	509.3	491.6	492.0
72.5	587.9	528.3	556.2	593.5	535.7	485.4	445.5	422.8	426.1	440.8
75.0	413.0	398.1	443.0	395.5	392.4	358.9	329.1	320.4	339.6	378.1
77.5	203.2	251.8	262.6	264.0	242.5	212.0	198.6	205.1	235.4	255.5
80.0	90.15	124.2	150.1	110.1	70.66	77.33	87.12	85.24	80.33	68.20
82.5	41.04	47.10	13.41	16.26	16.51	10.07	0	0	0	0
85.0	4.935	2.830	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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	218.0	218.0	218.0	218.0	218.0	217.9	217.9	217.8	217.8	217.7
5.0	219.0	219.0	218.9	218.9	218.9	218.8	218.7	218.6	218.5	218.5
7.5	219.8	219.7	219.6	219.6	219.5	219.5	219.4	219.4	219.3	219.2
10.0	220.5	220.4	220.4	220.2	220.2	220.2	220.1	220.1	220.0	220.0
12.5	221.5	221.4	221.3	221.2	221.1	221.0	220.9	220.9	220.8	220.8
15.0	222.9	222.5	222.4	222.2	222.0	221.7	221.7	221.7	221.4	221.5
17.5	225.4	225.4	225.4	225.3	225.2	225.0	224.7	224.3	223.9	223.3
20.0	228.8	228.7	228.6	228.5	228.3	228.3	227.9	227.6	227.3	226.9
22.5	232.7	232.6	232.4	232.1	231.8	231.6	231.2	231.0	230.7	230.3
25.0	237.3	236.9	236.4	235.8	235.4	234.8	234.4	234.1	233.8	233.5
27.5	241.4	240.5	239.7	239.0	238.5	238.1	237.8	237.5	237.2	236.8
30.0	244.9	243.8	242.9	242.0	241.5	241.3	241.2	241.1	241.2	241.1
32.5	252.2	253.4	253.9	253.7	253.2	252.3	251.1	249.6	247.8	245.7
35.0	266.3	266.7	266.4	265.8	264.8	263.6	262.1	260.5	258.8	256.9
37.5	280.0	278.8	277.8	276.8	275.7	274.7	273.5	272.1	270.5	268.3
40.0	291.9	290.1	288.8	287.7	286.7	285.9	285.1	284.4	283.5	282.1
42.5	305.2	303.5	301.7	300.0	298.5	297.2	296.2	296.0	296.2	296.7
45.0	321.8	318.6	315.1	312.5	310.3	308.4	307.3	306.8	307.3	308.8
47.5	346.1	349.1	350.6	351.1	350.1	347.2	342.5	336.2	327.8	320.6
50.0	388.4	390.1	390.8	390.8	390.0	387.2	383.1	378.2	371.5	362.0
52.5	433.1	434.8	434.4	432.8	431.0	427.6	422.9	418.8	414.4	408.6
55.0	483.7	482.1	478.9	474.9	471.9	468.0	462.5	458.5	454.5	450.6
57.5	531.8	525.4	519.4	514.3	511.8	507.6	503.3	500.2	496.8	492.3
60.0	574.3	566.1	559.2	553.6	551.7	547.1	544.5	543.6	543.4	541.1
62.5	589.8	569.2	556.0	549.5	547.0	547.8	550.4	556.7	569.1	587.5
65.0	561.3	551.6	544.6	543.6	542.3	547.1	549.8	553.7	561.2	575.5
67.5	530.9	532.0	533.0	536.7	539.5	548.0	550.0	551.3	554.0	562.9
70.0	498.8	511.0	520.7	529.8	536.6	548.9	550.2	548.9	547.8	549.0

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-07

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.898m [K=1.0000]

Remarks:

## Photometric Data Table [cd]

72.5	457.6	484.2	502.0	520.7	529.1	546.0	550.4	547.3	541.4	535.3
75.0	409.4	454.5	482.3	511.4	521.6	543.2	550.6	546.2	534.6	525.4
77.5	256.1	261.8	257.9	260.2	260.8	276.7	295.8	319.4	348.2	388.8
80.0	48.85	30.80	14.49	3.824	0	4.069	16.63	37.67	66.68	104.5
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	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1	217.1
2.5	217.7	217.7	217.6	217.6	217.5	217.5	217.4	217.4	217.3	217.3
5.0	218.4	218.3	218.3	218.2	218.1	218.0	217.9	217.9	217.8	217.7
7.5	219.1	219.0	218.9	218.8	218.7	218.6	218.4	218.3	218.2	218.0
10.0	219.9	219.9	219.8	219.6	219.5	219.3	219.1	218.9	218.8	218.6
12.5	220.9	220.8	220.7	220.6	220.5	220.3	220.1	219.8	219.6	219.5
15.0	221.6	221.6	221.7	221.8	221.9	221.7	221.4	221.1	220.7	220.7
17.5	222.7	222.4	222.5	222.8	223.0	223.4	223.3	222.9	222.5	222.2
20.0	226.2	225.3	224.3	223.8	224.2	224.7	225.3	225.2	224.7	224.0
22.5	229.9	229.2	228.3	227.0	225.6	226.2	227.1	228.0	227.4	226.5
25.0	233.3	233.1	232.8	231.6	229.9	227.8	229.1	230.5	230.9	229.8
27.5	236.5	236.6	236.7	236.8	235.6	233.4	231.4	233.3	235.2	234.0
30.0	240.9	240.5	240.6	241.1	241.7	240.1	237.0	236.5	239.0	239.1
32.5	246.1	246.2	245.9	245.7	246.8	247.7	244.7	240.2	243.3	245.4
35.0	254.8	252.6	253.0	252.5	252.1	253.7	254.0	249.2	248.3	252.7
37.5	266.5	264.4	261.8	261.1	260.1	260.1	262.6	260.0	253.8	259.8
40.0	279.8	276.9	275.0	272.2	270.8	268.8	270.7	273.1	265.1	267.8
42.5	295.7	293.5	289.0	287.0	283.9	282.1	279.4	285.1	280.5	276.9
45.0	310.9	312.0	309.4	303.6	301.1	297.8	295.1	296.8	299.6	287.3
47.5	323.4	327.3	332.0	328.9	320.4	318.6	315.8	309.8	320.9	305.5
50.0	348.9	341.5	348.3	356.8	352.3	341.8	340.8	335.1	339.6	334.1
52.5	397.5	382.7	364.8	376.2	388.8	378.1	369.2	368.6	360.7	371.1
55.0	444.2	435.2	420.0	400.8	413.0	424.0	404.2	407.0	395.2	415.6
57.5	486.9	481.0	476.4	460.6	441.9	459.0	461.2	444.2	449.3	450.5
60.0	533.8	524.6	521.3	516.1	508.9	489.7	515.8	496.0	508.0	487.0
62.5	585.6	578.9	569.6	558.2	569.1	556.3	551.7	570.3	550.9	547.2
65.0	592.9	623.9	629.4	611.9	613.0	610.0	606.2	620.9	607.0	625.0
67.5	570.4	589.5	624.7	682.5	667.3	646.4	662.8	658.7	683.3	673.7
70.0	544.5	550.8	571.1	626.7	704.2	681.8	688.1	687.6	717.7	699.6
72.5	515.9	508.9	512.3	551.3	607.0	684.4	700.3	684.5	705.0	707.7
75.0	496.2	470.9	451.0	467.3	495.0	554.7	634.2	634.8	629.9	694.2
77.5	417.8	434.4	401.7	389.6	375.7	410.6	478.9	516.3	509.6	481.4
80.0	143.7	184.4	225.6	262.1	278.1	272.0	287.4	341.2	343.0	353.8
82.5	0	0	0	35.48	83.55	115.7	136.9	154.2	173.5	164.8
85.0	0	0	0	0	0	0	0	30.54	47.93	54.09
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	217.1	217.1								
2.5	217.2	217.1								
5.0	217.5	217.4								
7.5	217.8	217.7								
10.0	218.5	218.3								
12.5	219.4	219.3								
15.0	220.7	220.7								
17.5	222.3	222.3								
20.0	224.0	224.0								
22.5	226.0	226.4								
25.0	228.8	229.3								
27.5	232.1	232.9								
30.0	236.8	237.0								
32.5	242.4	242.1								
35.0	249.7	248.3								
37.5	258.7	255.7								
40.0	269.5	264.5								
42.5	283.0	274.8								
45.0	299.9	287.3								
47.5	317.4	305.4								
50.0	337.0	328.6								
52.5	360.4	358.7								
55.0	387.5	397.7								
57.5	423.1	447.2								
60.0	488.4	506.9								
62.5	562.2	572.7								

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-07

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.898m [K=1.0000]

Remarks:



## Photometric Data Table [cd]

65.0	631.7	629.7
67.5	667.5	671.4
70.0	701.0	705.2
72.5	723.5	729.0
75.0	672.9	654.7
77.5	500.4	488.5
80.0	372.8	362.1
82.5	158.3	172.0
85.0	55.47	59.47
87.5	12.18	7.176
90.0	0	0

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-11-07**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.898m [K=1.0000]**  
**Remarks:**