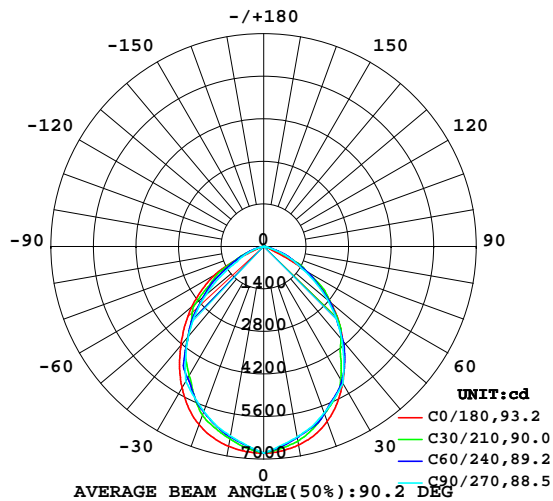


## LUMINAIRE PHOTOMETRIC TEST REPORT

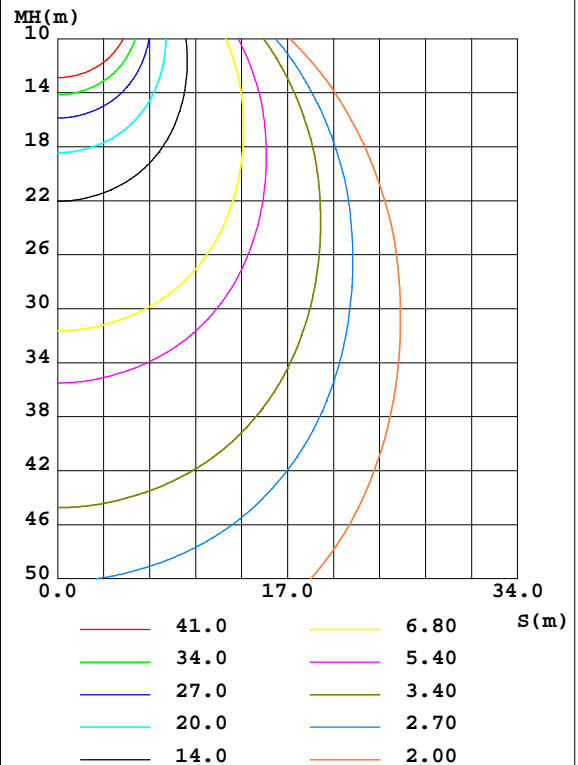
Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.37 lm/W			
MODEL	GHLV-14-U	Imax(cd)	6802	S/MH(C0/180)	1.18
NOMINAL POWER(W)	80	LOR(%)	100.0	S/MH(C90/270)	1.13
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	13399	$\eta$ UP,DN(C0-180)	0.0,50.8
NOMINAL FLUX(lm)	13398.9	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,49.2
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	$\eta$ down(%)	100.0	CIBSE SHR MAX	1.25

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:2024-12-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.998m [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	6634	6429	6363	6402	6675	6388	6330	6399	0- 10	627.2	627.2	4.68,4.68
20	6125	5918	5832	5828	6235	5791	5771	5862	10- 20	1745	2372	17.7,17.7
30	5197	5040	5207	5020	5379	4982	5125	4958	20- 30	2530	4902	36.6,36.6
40	4055	4042	4004	4107	4240	4065	3858	3955	30- 40	2831	7733	57.7,57.7
50	2895	2784	2754	2870	3094	2759	2497	2670	40- 50	2592	10325	77.1,77.1
60	1522	1582	1455	1640	1825	1477	1042	1434	50- 60	1912	12237	91.3,91.3
70	189.1	530.4	575.7	526.5	223.1	385.3	416.8	387.7	60- 70	928.9	13166	98.3,98.3
80	63.93	80.42	0	75.44	84.23	58.67	0	63.01	70- 80	218.0	13384	99.9,99.9
90	4.641	0	0	0	5.450	0	0	0	80- 90	15.18	13399	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): 9087.8 lm

%lum = 67.8%

%lamp = 67.8%

Conical surface Flux(120deg): 12237 lm

%lum = 91.3%

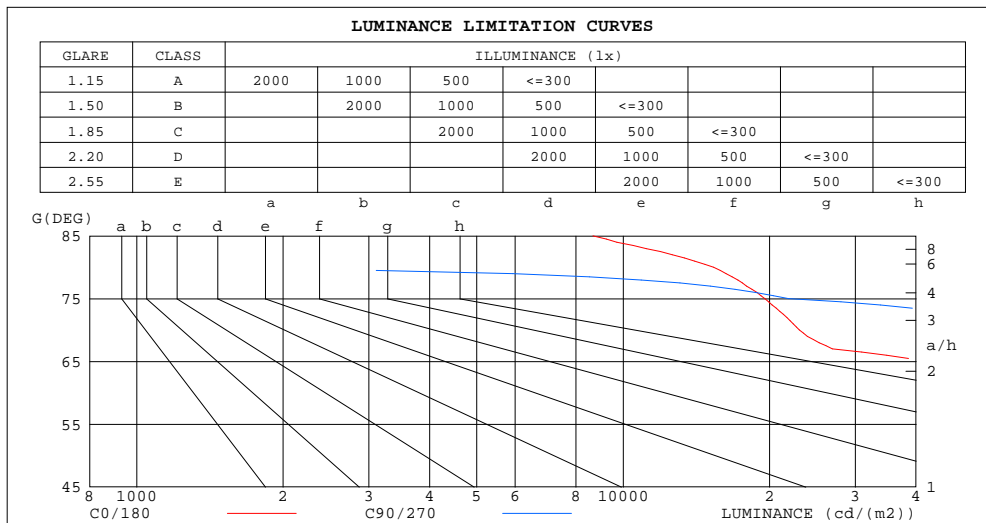
%lamp = 91.3%

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-12-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.998m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



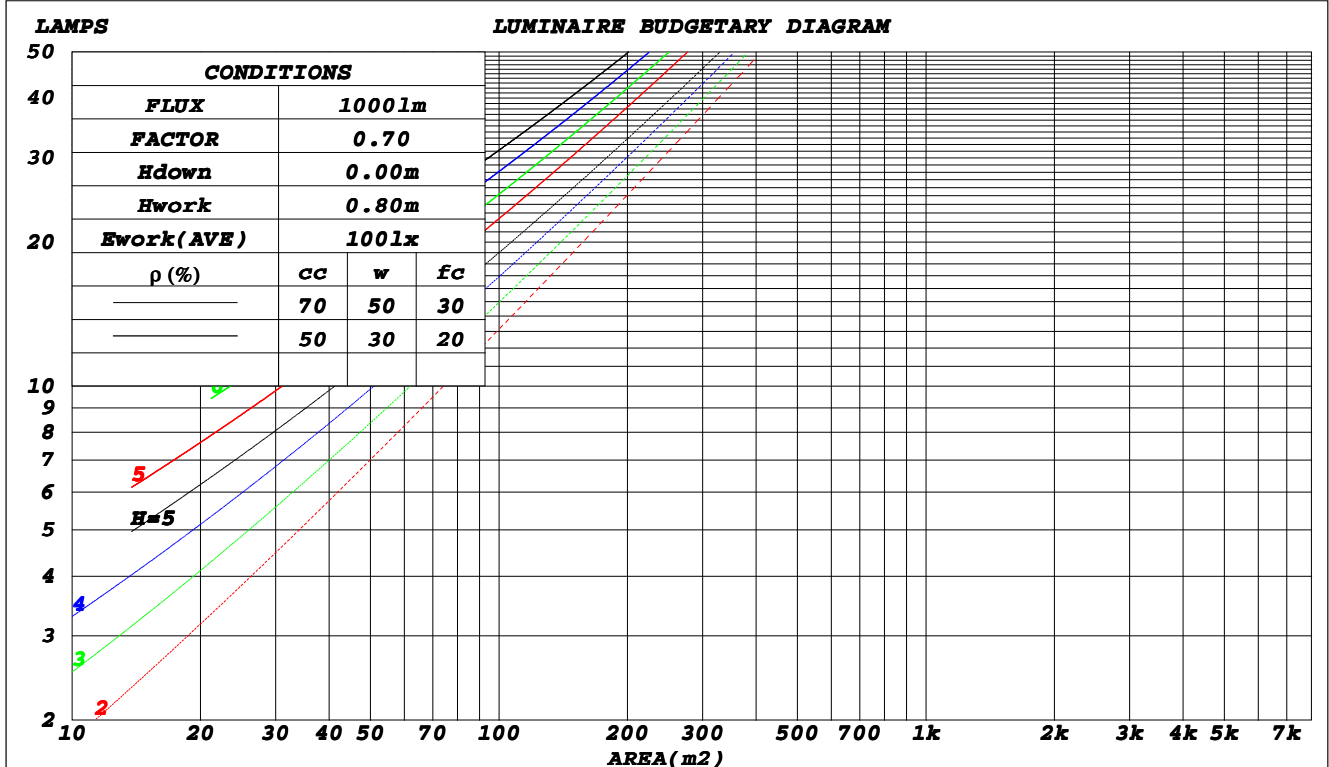
**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-12-02**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [K=1.0000]**  
**Remarks:**

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*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	1.07	1.04	1.01	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.94	.92	.90	.89
2.0	.96	.90	.85	.94	.89	.84	.91	.86	.83	.87	.84	.81	.85	.82	.79	.77
3.0	.86	.79	.73	.84	.78	.73	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.69	.64	.76	.69	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.54	.63	.58	.54	.52
6.0	.63	.55	.49	.62	.55	.49	.61	.54	.49	.59	.53	.48	.58	.52	.48	.46
7.0	.58	.50	.44	.57	.49	.44	.56	.49	.44	.54	.48	.44	.53	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.40	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.37	.33	.31



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jessy  
Test Date:2024-12-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.998m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*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	.244	.139	.044	.238	.135	.043	.225	.129	.041	.213	.123	.039	.202	.117	.038		
2.0	.240	.131	.040	.234	.129	.040	.223	.124	.038	.212	.119	.037	.203	.115	.036		
3.0	.229	.122	.036	.223	.120	.036	.214	.116	.035	.204	.112	.034	.196	.109	.034		
4.0	.216	.112	.033	.211	.111	.033	.203	.108	.032	.195	.105	.032	.187	.102	.031		
5.0	.203	.104	.030	.199	.102	.030	.192	.100	.029	.184	.097	.029	.178	.095	.029		
6.0	.192	.096	.027	.188	.095	.027	.181	.093	.027	.175	.091	.027	.169	.089	.026		
7.0	.180	.089	.025	.177	.088	.025	.171	.086	.025	.165	.085	.025	.160	.083	.024		
8.0	.170	.083	.023	.167	.082	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023		
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.021	.149	.074	.021	.144	.073	.021		
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020		

$\rho_{cc}$	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	.176	.157	.140	.150	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.165	.132	.104	.142	.114	.090	.097	.079	.063	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.134	.098	.069	.092	.068	.049	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.090	.051	.122	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.015	.015	.009	.005	
7.0	.128	.074	.036	.111	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.123	.068	.031	.106	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.039	.017	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.096	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jessy  
 Test Date:2024-12-02

$V(B)$  Range:-75 - 75DEG  
 $V(B)$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
 Humidity:65%  
 Test Distance:6.998m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm										
NAME: LED Linear Explosion-proof Light					TYPE:Flood Light			WEIGHT:N/A		
SPEC.:80W					DIM.: 1450*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	21.2	22.5	21.4	22.7	22.9	21.0	22.4	21.3	22.6	22.8
3H	21.2	22.5	21.5	22.7	22.9	21.6	22.8	21.9	23.0	23.3
4H	21.2	22.3	21.5	22.6	22.8	21.6	22.7	21.9	23.0	23.2
6H	21.1	22.2	21.4	22.4	22.7	21.5	22.6	21.8	22.8	23.1
8H	21.1	22.1	21.4	22.4	22.7	21.4	22.5	21.8	22.7	23.0
12H	21.0	22.0	21.4	22.3	22.6	21.4	22.4	21.7	22.7	23.0
4H 2H	21.4	22.6	21.7	22.8	23.1	21.3	22.5	21.6	22.7	23.0
3H	21.6	22.6	21.9	22.9	23.2	22.0	23.0	22.3	23.3	23.6
4H	21.6	22.5	21.9	22.8	23.1	22.0	22.9	22.4	23.2	23.6
6H	21.5	22.3	21.9	22.7	23.0	21.9	22.7	22.3	23.1	23.4
8H	21.5	22.2	21.9	22.6	23.0	21.9	22.6	22.3	23.0	23.4
12H	21.4	22.1	21.9	22.5	22.9	21.8	22.5	22.3	22.9	23.3
8H 4H	21.5	22.3	21.9	22.6	23.0	22.0	22.7	22.4	23.1	23.4
6H	21.5	22.1	22.0	22.5	22.9	21.9	22.5	22.3	22.9	23.3
8H	21.5	22.0	21.9	22.4	22.9	21.8	22.4	22.3	22.8	23.2
12H	21.5	21.9	21.9	22.4	22.8	21.8	22.2	22.3	22.7	23.2
12H 4H	21.5	22.2	21.9	22.5	22.9	21.9	22.6	22.3	23.0	23.4
6H	21.5	22.0	21.9	22.4	22.9	21.8	22.4	22.3	22.8	23.2
8H	21.5	21.9	21.9	22.4	22.8	21.8	22.3	22.3	22.7	23.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.8					+ 0.5 / - 0.7				
1.5H	+ 0.5 / - 0.8					+ 0.3 / - 0.4				
2.0H	+ 0.8 / - 1.3					+ 1.1 / - 1.6				

CIE Pub.117, 13399 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 9.0$ )  
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:2024-12-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.998m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

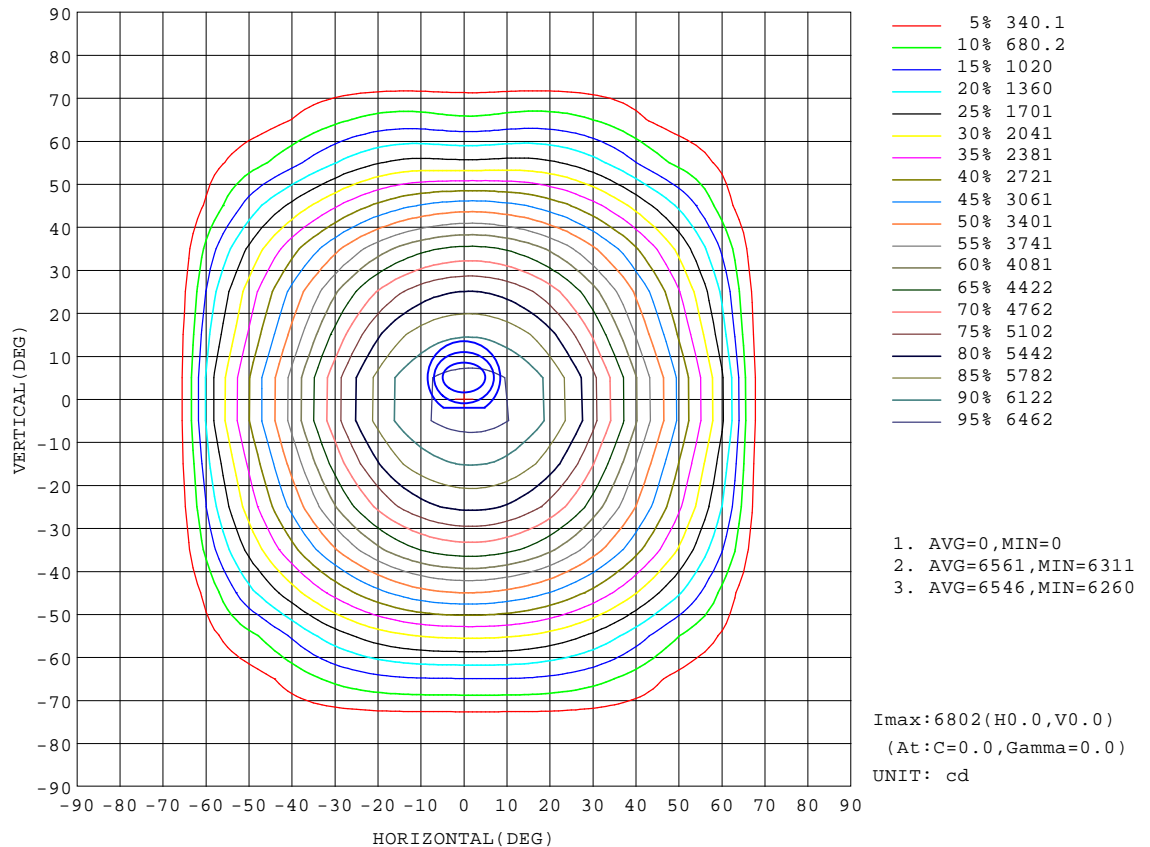
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	65	54	48	64	54	48	63	54	48	42
0.80	75	65	59	74	65	58	72	64	58	52
1.00	83	74	68	82	73	68	80	74	67	61
1.25	90	81	76	89	81	75	86	79	74	68
1.50	95	87	81	93	86	80	90	84	79	73
2.00	100	94	89	99	93	88	96	90	86	80
2.50	104	97	93	102	96	92	98	93	90	82
3.00	106	101	97	104	99	95	101	97	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	106	103	105	102	100	91
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:2024-12-02**

**$V(B)$  Range:-75 - 75DEG**  
 **$V(B)$  Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [K=1.0000]**  
**Remarks:**

## ISOCANDELA DIAGRAM

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*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:2024-12-02**

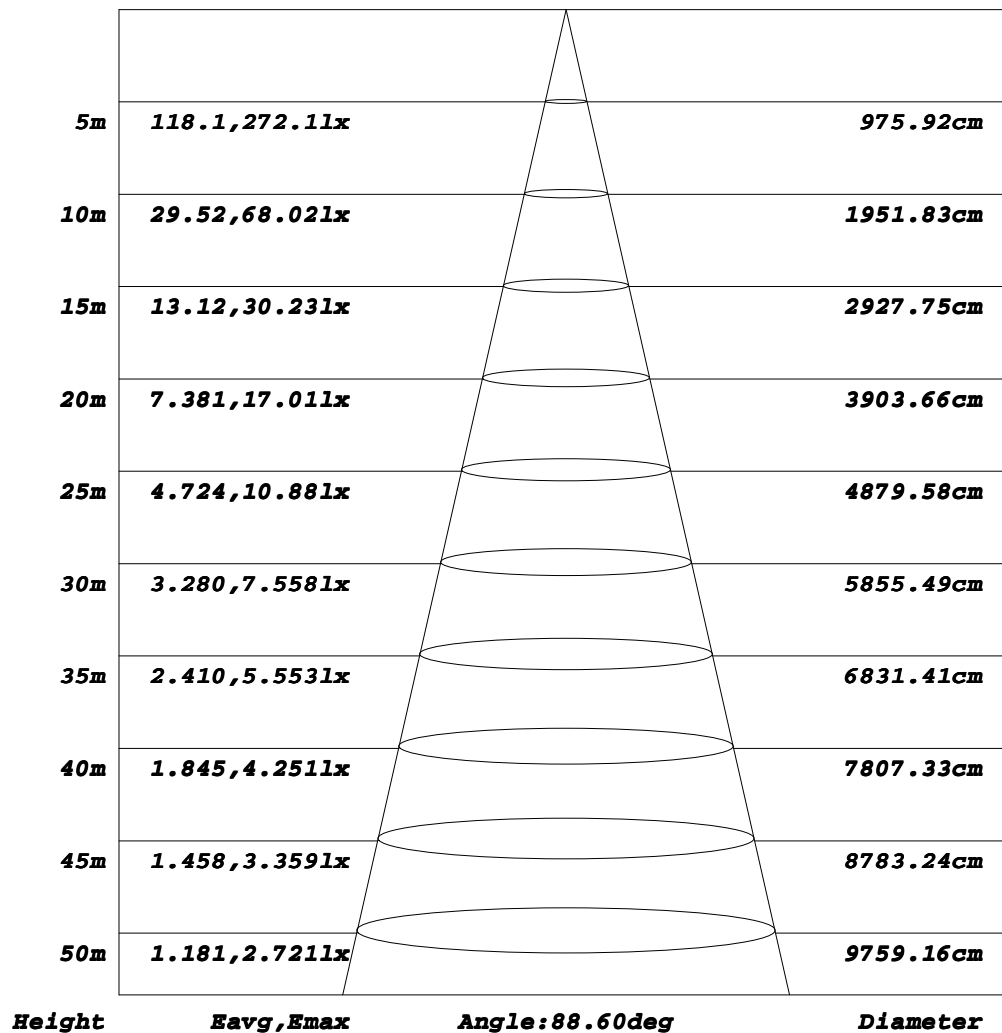
**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [K=1.0000]**  
**Remarks:**



## AAI Figure

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

Flux out:8957 lm



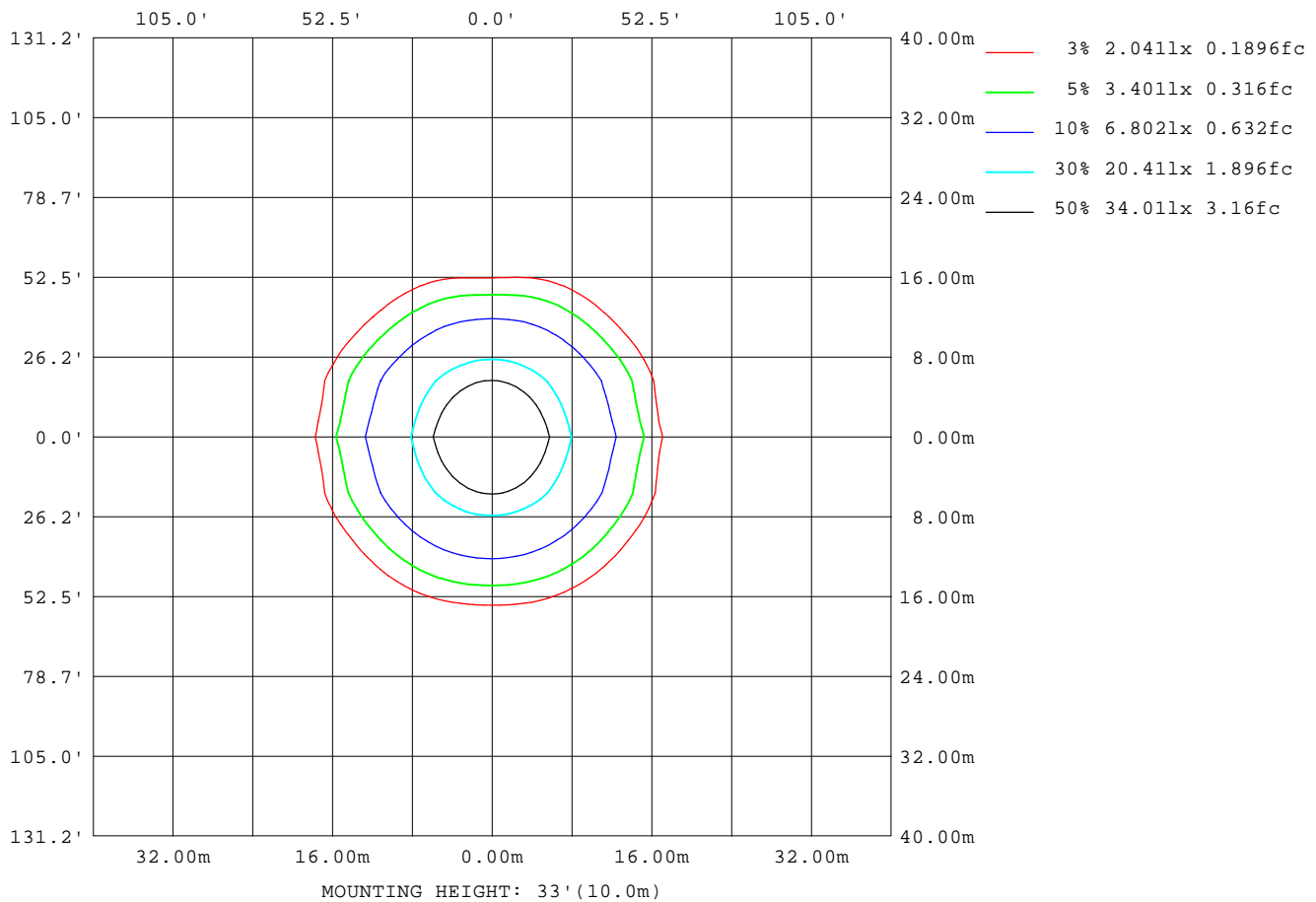
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range: -90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jessy  
Test Date: 2024-12-02

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity: 65%  
Test Distance: 6.998m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*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:2024-12-02**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [K=1.0000]**  
**Remarks:**

## LED Avg.L Report

Test:U:120.16V I:0.6884A P:82.523W PF:0.9976 Freq:59.98Hz Lamp Flux:13398.9x1 lm		
NAME: LED Linear Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:80W	DIM.: 1450*10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

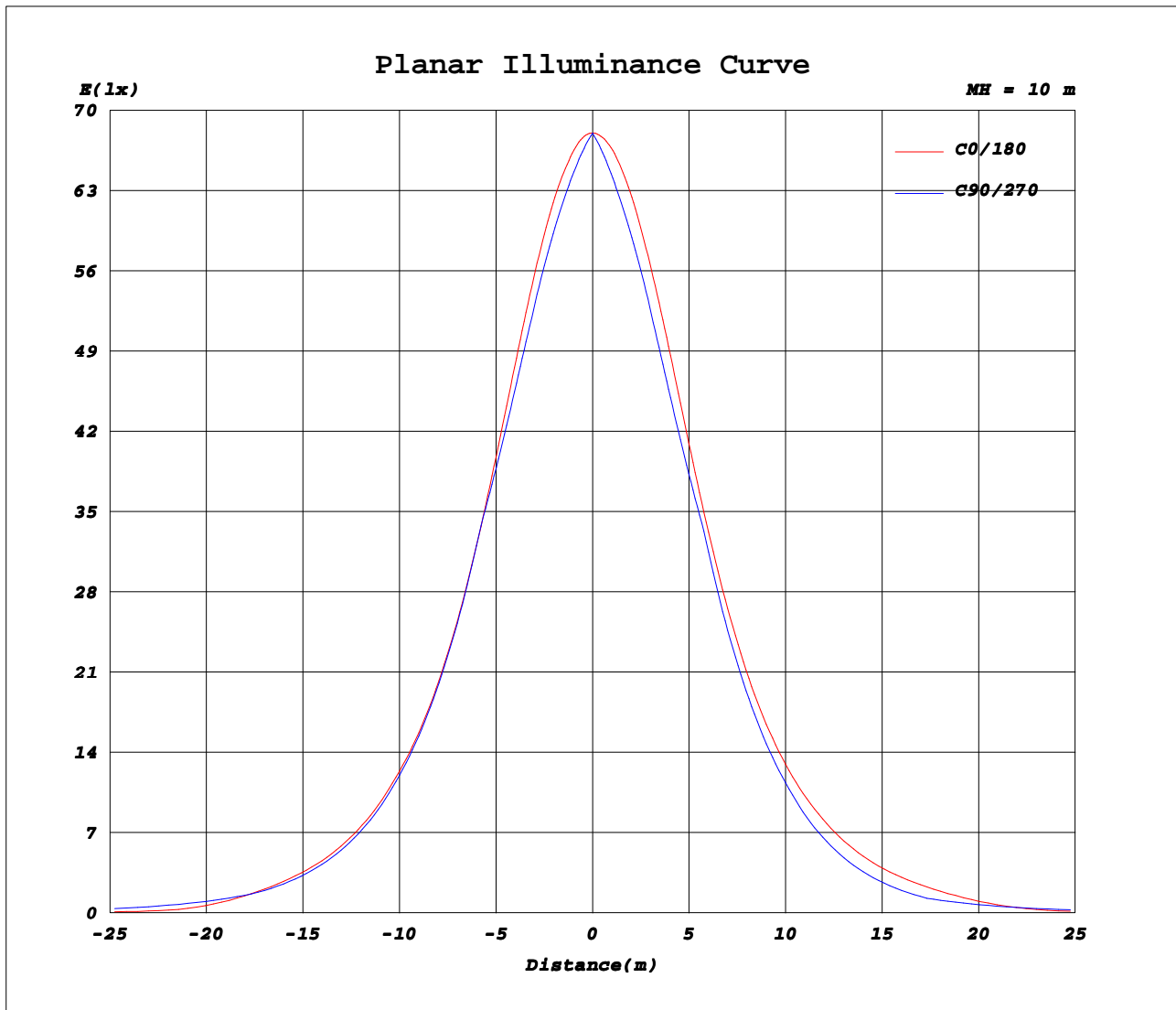
AvgL	cd/m2
L_0~180(65)av	60728
L_0~180(75)av	21334
L_0~180(85)av	11750
L_90~270(65)av	86153
L_90~270(75)av	19348
L_90~270(85)av	0
L_45(65)av	90005
L_45(75)av	38466
L_45(85)av	0

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:2024-12-02**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [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:2024-12-02

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411  
Humidity:65%  
Test Distance:6.998m [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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6792	6783	6774	6766	6757	6750	6742	6735	6728	6722
5.0	6757	6741	6725	6711	6696	6683	6671	6659	6648	6637
7.5	6700	6678	6658	6639	6622	6606	6591	6577	6564	6547
10.0	6634	6607	6582	6559	6538	6520	6502	6475	6450	6429
12.5	6544	6514	6487	6464	6444	6417	6377	6343	6314	6292
15.0	6435	6403	6375	6352	6325	6271	6226	6187	6158	6156
17.5	6295	6265	6242	6226	6165	6102	6050	6019	6027	6038
20.0	6125	6100	6085	6058	5972	5901	5859	5879	5899	5918
22.5	5930	5911	5905	5842	5744	5666	5697	5733	5767	5721
25.0	5713	5701	5705	5596	5485	5472	5526	5579	5520	5475
27.5	5464	5466	5476	5324	5208	5273	5346	5302	5244	5219
30.0	5197	5213	5191	5024	4982	5068	5074	4999	4970	5040
32.5	4923	4947	4886	4704	4748	4856	4755	4690	4782	4867
35.0	4635	4674	4574	4399	4511	4517	4421	4489	4601	4625
37.5	4348	4398	4253	4149	4277	4177	4157	4295	4346	4335
40.0	4055	4122	3931	3904	3970	3843	3958	4065	4038	4042
42.5	3776	3848	3608	3666	3633	3599	3772	3754	3744	3784
45.0	3499	3583	3290	3431	3300	3403	3487	3448	3489	3522
47.5	3200	3281	3026	3142	3005	3216	3168	3193	3242	3151
50.0	2895	2956	2767	2805	2804	2912	2875	2950	2866	2784
52.5	2588	2624	2514	2451	2610	2582	2629	2600	2490	2546
55.0	2271	2281	2263	2114	2339	2287	2360	2212	2252	2299
57.5	1934	1924	1991	1901	1978	2048	1967	1941	2012	1926
60.0	1522	1513	1606	1702	1643	1739	1625	1722	1622	1582
62.5	968.1	985.2	1147	1387	1416	1323	1416	1342	1278	1333
65.0	428.4	503.1	639.1	917.0	1106	1049	1097	997.7	1034	1024
67.5	239.9	293.6	433.5	583.2	634.2	830.0	732.1	764.6	706.9	661.5
70.0	189.1	213.1	276.9	411.4	425.6	475.2	537.7	459.5	393.1	530.4
72.5	154.2	173.5	162.0	182.1	255.1	324.4	306.2	236.9	333.6	421.2
75.0	121.4	125.9	133.8	149.1	157.5	201.0	165.1	205.3	241.9	269.1
77.5	91.35	93.24	99.10	101.9	123.7	124.4	136.1	139.4	151.0	163.0
80.0	63.93	76.14	80.44	86.13	88.92	96.13	94.64	98.19	95.96	80.42
82.5	37.39	50.79	51.64	57.53	60.81	66.24	67.23	47.71	28.52	10.91
85.0	18.11	32.74	32.33	34.03	38.15	19.41	0	0	0	0
87.5	6.928	12.71	14.79	0	0	0	0	0	0	0
90.0	4.641	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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6716	6711	6706	6698	6698	6695	6692	6690	6690	6689
5.0	6628	6619	6610	6603	6596	6590	6585	6580	6577	6575
7.5	6531	6517	6505	6495	6487	6481	6476	6472	6470	6469
10.0	6411	6397	6386	6376	6370	6365	6363	6363	6363	6364
12.5	6276	6267	6266	6264	6261	6258	6256	6254	6250	6248
15.0	6160	6162	6163	6161	6158	6154	6151	6146	6137	6131
17.5	6049	6059	6052	6030	6012	6000	5993	5988	5984	5981
20.0	5908	5878	5857	5842	5833	5829	5827	5829	5832	5832
22.5	5685	5660	5646	5655	5667	5673	5676	5676	5673	5668
25.0	5448	5463	5485	5505	5519	5526	5528	5524	5515	5502
27.5	5267	5305	5334	5351	5351	5355	5360	5363	5361	5353
30.0	5103	5140	5134	5138	5150	5166	5186	5201	5207	5206
32.5	4891	4892	4903	4920	4916	4914	4912	4910	4905	4902
35.0	4619	4629	4644	4645	4638	4631	4624	4615	4603	4592
37.5	4342	4359	4374	4373	4344	4323	4311	4307	4304	4300
40.0	4078	4098	4073	4037	4009	3995	3991	3997	4004	4010
42.5	3819	3759	3718	3690	3691	3694	3697	3701	3703	3704
45.0	3452	3398	3395	3409	3414	3412	3410	3408	3401	3396
47.5	3085	3112	3134	3142	3123	3101	3086	3080	3078	3079
50.0	2833	2860	2846	2811	2788	2768	2754	2750	2754	2761
52.5	2597	2538	2499	2471	2466	2457	2442	2432	2428	2434
55.0	2235	2189	2183	2181	2161	2135	2135	2115	2103	2106
57.5	1878	1908	1917	1915	1886	1852	1818	1792	1779	1784
60.0	1624	1652	1622	1594	1565	1534	1500	1469	1455	1462
62.5	1345	1319	1294	1276	1288	1283	1264	1245	1235	1239
65.0	994.8	1002	1057	1080	1082	1067	1043	1024	1015	1019
67.5	759.9	840.7	878.5	882.7	866.3	844.9	820.6	802.9	795.2	799.1
70.0	632.3	668.1	671.3	660.3	640.9	619.3	597.2	581.7	575.7	579.6
72.5	455.4	465.1	458.3	445.4	422.6	397.6	375.1	360.8	355.8	359.5
75.0	286.9	288.3	272.5	244.5	210.4	177.7	153.3	140.0	135.9	139.4
77.5	156.2	128.9	114.2	102.4	89.75	78.88	71.96	68.81	67.97	68.56
80.0	65.34	51.82	39.38	27.58	17.20	9.311	4.046	1.011	0	1.008
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:Jessy

Test Date:2024-12-02

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.998m [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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6690	6692	6694	6697	6700	6705	6710	6715	6722	6729
5.0	6576	6577	6579	6584	6589	6597	6606	6616	6628	6642
7.5	6470	6471	6474	6478	6483	6489	6496	6504	6516	6535
10.0	6365	6367	6371	6376	6382	6388	6395	6402	6411	6423
12.5	6246	6249	6252	6259	6269	6282	6293	6299	6307	6317
15.0	6125	6122	6121	6123	6128	6140	6155	6177	6200	6204
17.5	5980	5978	5978	5978	5981	5985	5996	6014	6039	6076
20.0	5832	5832	5832	5831	5831	5828	5824	5828	5849	5883
22.5	5664	5663	5665	5673	5683	5674	5664	5647	5631	5659
25.0	5491	5481	5473	5470	5476	5492	5503	5477	5442	5404
27.5	5340	5323	5298	5265	5251	5255	5270	5299	5258	5204
30.0	5195	5178	5153	5115	5070	5018	5005	5020	5055	5007
32.5	4906	4919	4938	4966	4917	4857	4777	4729	4758	4810
35.0	4590	4593	4603	4625	4661	4699	4609	4510	4452	4497
37.5	4300	4296	4288	4279	4308	4348	4404	4337	4220	4177
40.0	4016	4020	4016	4005	3986	3976	4029	4107	4043	3901
42.5	3710	3718	3731	3740	3725	3694	3657	3726	3827	3718
45.0	3398	3397	3401	3414	3438	3443	3404	3359	3440	3547
47.5	3086	3089	3080	3077	3094	3122	3159	3112	3053	3171
50.0	2777	2790	2795	2771	2777	2771	2809	2870	2810	2777
52.5	2452	2475	2498	2520	2512	2487	2458	2511	2581	2499
55.0	2122	2147	2170	2195	2223	2233	2205	2164	2219	2273
57.5	1806	1834	1855	1866	1886	1913	1951	1917	1867	1948
60.0	1493	1534	1568	1588	1586	1576	1602	1640	1620	1586
62.5	1257	1283	1305	1320	1326	1318	1279	1272	1332	1332
65.0	1034	1056	1075	1087	1084	1073	1036	969.5	957.5	1060
67.5	814.3	836.3	853.5	859.6	855.1	844.7	804.0	728.9	675.3	702.1
70.0	595.5	620.0	644.0	660.3	661.4	640.1	584.5	526.5	446.6	439.9
72.5	374.9	400.4	430.0	459.1	480.0	479.3	442.4	368.0	302.1	257.6
75.0	154.0	179.7	211.9	246.8	279.1	304.9	312.0	281.9	221.7	174.9
77.5	72.43	79.94	89.30	99.24	108.9	123.6	158.0	172.7	165.2	141.7
80.0	4.074	9.434	17.11	26.69	37.53	49.09	61.54	75.44	91.45	98.35
82.5	0	0	0	0	0	0	0	10.23	26.59	43.58
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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6737	6746	6755	6764	6774	6784	6794	6783	6773	6762
5.0	6657	6673	6691	6710	6731	6752	6774	6751	6729	6708
7.5	6555	6579	6606	6635	6666	6700	6734	6698	6664	6631
10.0	6436	6467	6501	6540	6582	6627	6675	6625	6578	6534
12.5	6327	6339	6372	6422	6477	6537	6601	6534	6471	6413
15.0	6209	6216	6227	6278	6346	6421	6503	6418	6339	6268
17.5	6082	6081	6083	6104	6187	6281	6384	6278	6180	6094
20.0	5931	5932	5922	5918	5996	6109	6235	6106	5990	5908
22.5	5706	5768	5745	5728	5776	5912	6064	5908	5768	5717
25.0	5451	5521	5553	5520	5525	5683	5862	5678	5515	5507
27.5	5174	5246	5344	5299	5260	5426	5630	5420	5249	5283
30.0	4936	4945	5050	5067	5012	5151	5379	5145	4999	5049
32.5	4723	4633	4737	4829	4755	4861	5113	4855	4742	4808
35.0	4515	4403	4411	4564	4491	4556	4833	4549	4477	4543
37.5	4241	4180	4072	4231	4222	4241	4539	4234	4208	4209
40.0	3910	3962	3808	3895	3957	3931	4240	3925	3943	3874
42.5	3574	3660	3584	3566	3703	3626	3956	3620	3689	3545
45.0	3358	3327	3366	3228	3451	3311	3670	3305	3436	3207
47.5	3182	2995	3121	2949	3129	3040	3381	3035	3116	2932
50.0	2932	2790	2776	2717	2794	2756	3094	2751	2784	2706
52.5	2541	2617	2429	2494	2444	2473	2782	2466	2431	2485
55.0	2179	2332	2164	2260	2090	2194	2469	2187	2075	2248
57.5	1956	1934	1991	1902	1745	1913	2162	1910	1740	1893
60.0	1698	1619	1768	1521	1500	1610	1825	1611	1501	1521
62.5	1337	1416	1323	1224	1213	1241	1373	1249	1227	1235
65.0	1055	1067	949.8	1009	866.1	748.5	803.5	756.3	884.5	1029
67.5	833.8	678.1	761.2	608.2	398.9	325.2	351.4	322.5	398.4	609.5
70.0	502.5	543.2	399.6	256.2	200.8	193.9	223.1	192.5	198.8	250.1
72.5	283.2	315.8	234.4	212.0	175.4	148.9	178.8	146.5	173.1	204.8
75.0	170.2	177.3	170.1	132.5	127.3	128.5	143.6	125.9	124.2	127.4
77.5	125.3	123.8	112.8	111.9	100.1	101.2	113.0	98.72	96.34	105.6

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-12-02

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.998m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	99.00	90.63	85.32	72.52	67.09	66.13	84.23	63.75	63.14	66.24
82.5	59.48	63.72	61.25	53.26	49.18	43.79	56.59	41.59	45.02	47.18
85.0	0	16.40	30.70	34.90	28.57	21.43	31.04	19.64	25.57	30.28
87.5	0	0	0	0	9.619	10.32	14.30	10.37	10.00	0
90.0	0	0	0	0	0	0	5.450	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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6752	6743	6734	6726	6718	6711	6705	6699	6695	6691
5.0	6688	6669	6651	6635	6621	6608	6597	6587	6579	6572
7.5	6601	6573	6548	6526	6507	6493	6483	6475	6467	6461
10.0	6493	6457	6425	6411	6399	6388	6378	6369	6361	6353
12.5	6360	6325	6312	6301	6291	6282	6275	6261	6245	6233
15.0	6214	6199	6190	6183	6178	6153	6130	6114	6103	6096
17.5	6069	6063	6060	6048	6010	5981	5961	5952	5947	5945
20.0	5907	5914	5908	5856	5818	5791	5784	5787	5790	5791
22.5	5730	5749	5683	5633	5598	5610	5619	5629	5638	5627
25.0	5536	5501	5427	5377	5409	5438	5456	5439	5423	5417
27.5	5323	5220	5143	5174	5224	5254	5222	5204	5194	5206
30.0	5027	4917	4906	4977	5021	4982	4959	4963	5009	5049
32.5	4710	4599	4689	4777	4727	4699	4731	4802	4851	4900
35.0	4384	4374	4483	4464	4415	4478	4564	4633	4586	4534
37.5	4043	4152	4211	4147	4187	4305	4358	4277	4216	4176
40.0	3783	3937	3886	3875	4013	4065	3974	3898	3879	3882
42.5	3563	3645	3563	3696	3796	3670	3576	3597	3597	3597
45.0	3353	3321	3354	3529	3396	3287	3308	3323	3292	3252
47.5	3109	2991	3186	3151	2995	3022	3042	2984	2933	2894
50.0	2769	2789	2939	2752	2737	2759	2678	2617	2602	2603
52.5	2428	2620	2526	2454	2489	2383	2305	2323	2331	2325
55.0	2159	2332	2148	2207	2118	2025	2039	2057	2031	1996
57.5	1986	1911	1911	1869	1751	1763	1770	1725	1691	1664
60.0	1759	1573	1637	1495	1477	1477	1410	1371	1382	1379
62.5	1309	1349	1246	1238	1205	1111	1078	1101	1112	1105
65.0	928.6	992.7	954.6	968.7	841.6	800.1	817.8	848.2	887.3	902.7
67.5	726.4	605.6	750.1	625.0	556.5	544.9	604.4	655.4	689.2	706.6
70.0	370.4	483.4	446.0	369.2	327.8	385.3	434.8	489.9	530.4	541.1
72.5	214.1	280.0	245.8	202.5	225.6	270.1	328.4	368.6	385.1	373.0
75.0	156.6	157.7	145.2	142.4	167.8	207.8	233.3	233.9	219.9	194.8
77.5	102.3	109.0	106.4	113.9	125.3	129.5	119.3	93.42	81.99	74.31
80.0	75.12	77.87	81.59	77.66	71.03	58.67	47.05	37.06	28.26	19.99
82.5	52.14	52.16	46.53	33.92	20.70	7.968	0	0	0	0
85.0	24.86	12.93	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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6688	6685	6683	6682	6682	6683	6685	6687	6691	6695
5.0	6567	6564	6562	6561	6562	6565	6569	6574	6580	6587
7.5	6455	6451	6448	6446	6446	6448	6451	6456	6463	6472
10.0	6346	6340	6336	6332	6330	6330	6330	6332	6336	6342
12.5	6223	6218	6214	6212	6212	6213	6215	6217	6218	6219
15.0	6091	6088	6089	6091	6094	6097	6102	6106	6107	6108
17.5	5942	5938	5935	5933	5932	5933	5937	5942	5952	5966
20.0	5788	5784	5779	5775	5771	5767	5762	5761	5764	5772
22.5	5615	5608	5606	5607	5608	5609	5606	5600	5593	5583
25.0	5417	5420	5427	5437	5445	5452	5453	5449	5443	5428
27.5	5238	5256	5269	5280	5285	5283	5278	5273	5271	5271
30.0	5080	5101	5117	5124	5125	5112	5096	5081	5064	5047
32.5	4859	4825	4810	4804	4805	4808	4812	4817	4817	4821
35.0	4505	4484	4473	4476	4486	4499	4510	4522	4529	4534
37.5	4166	4168	4163	4166	4172	4176	4182	4201	4225	4256
40.0	3874	3867	3861	3858	3858	3852	3848	3859	3880	3908
42.5	3568	3543	3533	3531	3536	3539	3541	3543	3551	3554
45.0	3224	3201	3198	3202	3215	3228	3241	3249	3266	3263
47.5	2890	2875	2862	2853	2856	2868	2890	2925	2964	2988
50.0	2594	2564	2531	2504	2497	2507	2534	2578	2616	2651
52.5	2291	2243	2191	2149	2133	2148	2189	2246	2284	2309
55.0	1961	1913	1851	1793	1770	1790	1848	1924	1983	2017
57.5	1642	1590	1508	1433	1406	1441	1517	1605	1680	1737
60.0	1345	1274	1165	1073	1042	1093	1189	1287	1361	1417
62.5	1092	1049	979.2	913.5	887.4	917.2	985.6	1055	1096	1104
65.0	898.5	869.5	819.9	762.2	733.0	747.2	803.0	868.5	915.3	928.9
67.5	710.8	686.4	642.3	595.6	574.9	590.6	635.3	687.4	730.0	754.4
70.0	532.0	502.7	461.7	427.7	416.8	434.2	468.7	506.8	539.2	561.1

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-12-02

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.998m [K=1.0000]

Remarks:

## Photometric Data Table [cd]

72.5	350.0	319.2	288.0	266.7	260.6	270.8	293.5	322.8	351.6	372.8
75.0	164.6	135.3	114.5	105.7	104.4	106.7	116.7	137.7	166.7	196.6
77.5	65.79	58.10	53.37	52.01	52.22	52.52	54.38	59.38	67.21	76.43
80.0	12.61	6.856	3.000	0.7641	0	0.7718	3.056	7.009	12.88	20.57
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	6802	6802	6802	6802	6802	6802	6802	6802	6802	6802
2.5	6699	6704	6710	6716	6723	6730	6738	6746	6755	6763
5.0	6596	6605	6615	6626	6637	6650	6662	6676	6691	6706
7.5	6482	6495	6510	6528	6546	6561	6576	6593	6611	6631
10.0	6351	6363	6379	6399	6422	6450	6481	6501	6523	6547
12.5	6220	6222	6233	6255	6280	6312	6351	6394	6425	6450
15.0	6108	6109	6110	6112	6120	6153	6197	6246	6305	6337
17.5	5987	5995	5994	5987	5984	5979	6016	6072	6141	6208
20.0	5788	5812	5846	5862	5849	5833	5817	5865	5942	6036
22.5	5575	5592	5619	5659	5709	5678	5646	5621	5708	5814
25.0	5409	5387	5375	5407	5453	5516	5467	5421	5444	5565
27.5	5250	5224	5188	5140	5171	5231	5281	5218	5164	5290
30.0	5043	5050	5018	4958	4893	4926	5005	5009	4936	4990
32.5	4803	4801	4806	4783	4702	4617	4688	4791	4701	4671
35.0	4538	4528	4527	4537	4517	4417	4358	4460	4464	4366
37.5	4260	4255	4248	4247	4266	4224	4096	4124	4229	4117
40.0	3951	3985	3976	3955	3960	3993	3899	3797	3926	3873
42.5	3591	3642	3707	3690	3666	3691	3718	3554	3594	3633
45.0	3262	3273	3337	3421	3406	3399	3435	3355	3262	3396
47.5	2991	2980	2965	3043	3150	3130	3118	3171	2971	3113
50.0	2699	2720	2703	2670	2774	2875	2823	2866	2767	2776
52.5	2350	2392	2457	2424	2387	2514	2567	2537	2571	2420
55.0	2029	2039	2093	2164	2139	2122	2292	2238	2297	2084
57.5	1757	1755	1729	1786	1886	1844	1891	1991	1935	1866
60.0	1459	1492	1469	1434	1492	1619	1546	1676	1592	1659
62.5	1128	1154	1182	1175	1150	1243	1329	1252	1353	1324
65.0	904.5	833.3	819.9	857.7	894.5	903.9	1017	969.1	1033	830.7
67.5	750.5	700.8	595.2	491.9	576.3	668.2	664.8	747.7	570.5	527.4
70.0	568.3	553.9	500.2	387.7	281.4	389.2	483.1	418.1	377.9	377.4
72.5	380.9	378.1	353.8	309.2	239.8	190.4	274.1	287.8	228.8	175.4
75.0	220.4	229.0	217.8	197.0	177.2	161.8	147.0	180.6	147.1	143.3
77.5	85.70	98.36	118.9	122.2	115.4	114.5	118.8	112.9	114.3	97.33
80.0	29.57	39.42	50.17	63.01	75.89	80.08	80.65	84.86	80.32	80.43
82.5	0	0	0	8.563	22.66	37.91	53.37	54.94	53.06	52.10
85.0	0	0	0	0	0	0	0	15.49	30.78	29.65
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	6802	6802								
2.5	6773	6782								
5.0	6722	6739								
7.5	6653	6676								
10.0	6574	6603								
12.5	6478	6509								
15.0	6365	6398								
17.5	6230	6259								
20.0	6070	6092								
22.5	5886	5901								
25.0	5684	5690								
27.5	5453	5454								
30.0	5168	5201								
32.5	4864	4936								
35.0	4551	4662								
37.5	4233	4387								
40.0	3911	4112								
42.5	3588	3837								
45.0	3275	3572								
47.5	3006	3272								
50.0	2746	2945								
52.5	2494	2614								
55.0	2243	2270								
57.5	1968	1908								
60.0	1567	1485								
62.5	1082	946.2								

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-12-02

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.998m [K=1.0000]

Remarks:



## Photometric Data Table [cd]

65.0	590.2	484.3
67.5	407.3	290.1
70.0	268.3	213.6
72.5	160.3	173.4
75.0	132.0	125.9
77.5	97.51	93.37
80.0	78.47	76.19
82.5	49.34	50.60
85.0	29.83	31.63
87.5	13.47	12.76
90.0	0	0

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:Jessy**  
**Test Date:2024-12-02**

**V(B) Range:-75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.411**  
**Humidity:65%**  
**Test Distance:6.998m [K=1.0000]**  
**Remarks:**