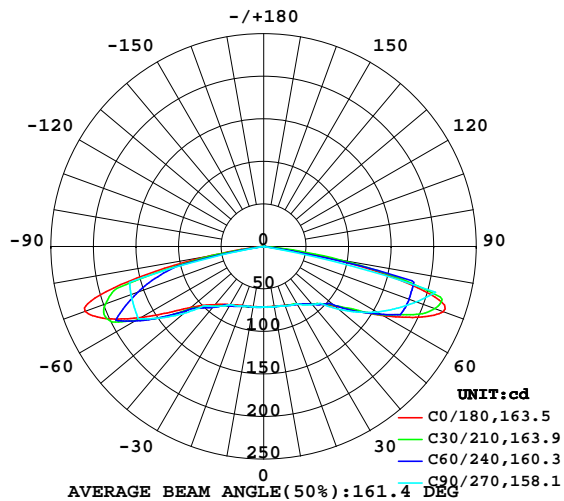


LUMINAIRE PHOTOMETRIC TEST REPORT

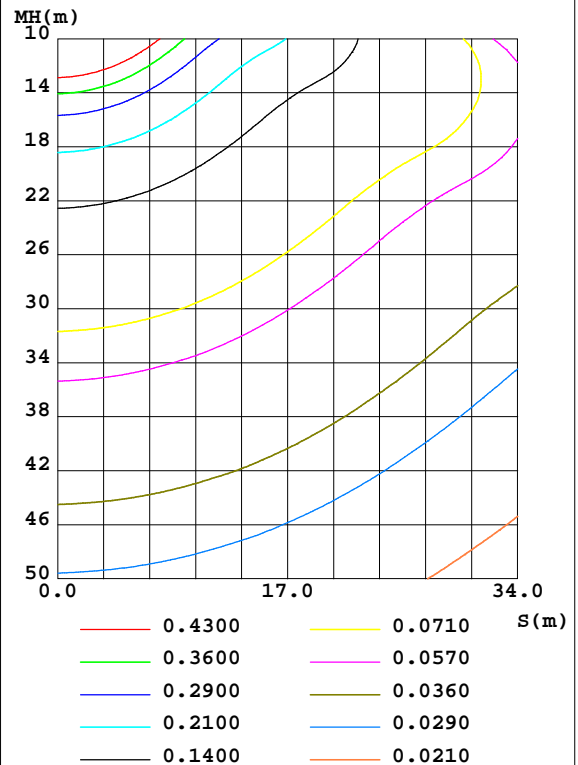
Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 161.98 lm/W			
MODEL	GHE-02-U	Imax(cd)	227.3	S/MH(C0/180)	1.94
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	1.96
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	671.09	η UP,DN(C0-180)	0.0,50.5
NOMINAL FLUX(lm)	671.094	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.5
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	2.00
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	2.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	71.59	71.99	72.04	72.19	71.92	72.44	72.26	72.07	0- 10	6.849	6.849	1.02,1.02
20	73.82	73.66	74.33	74.17	74.01	74.68	74.87	73.80	10- 20	20.73	27.58	4.11,4.11
30	78.59	79.12	78.16	79.71	79.16	81.01	79.12	79.62	20- 30	35.55	63.12	9.41,9.41
40	88.13	88.09	89.29	88.74	89.39	91.09	91.94	89.19	30- 40	52.98	116.1	17.3,17.3
50	109.3	110.5	114.7	112.1	111.6	119.3	122.3	115.2	40- 50	77.33	193.4	28.8,28.8
60	162.7	158.6	154.3	161.2	167.4	172.4	170.2	165.8	50- 60	123.8	317.2	47.3,47.3
70	224.5	195.1	190.8	193.1	223.4	189.3	166.0	194.5	60- 70	184.7	501.9	74.8,74.8
80	77.40	99.21	0	83.05	62.40	38.03	0	74.61	70- 80	159.1	661.0	98.5,98.5
90	0.4777	0	0	0	0.5129	0	0	0	80- 90	10.13	671.1	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): 150.91 lm

%lum = 22.5%

%lamp = 22.5%

Conical surface Flux(120deg): 317.22 lm

%lum = 47.3%

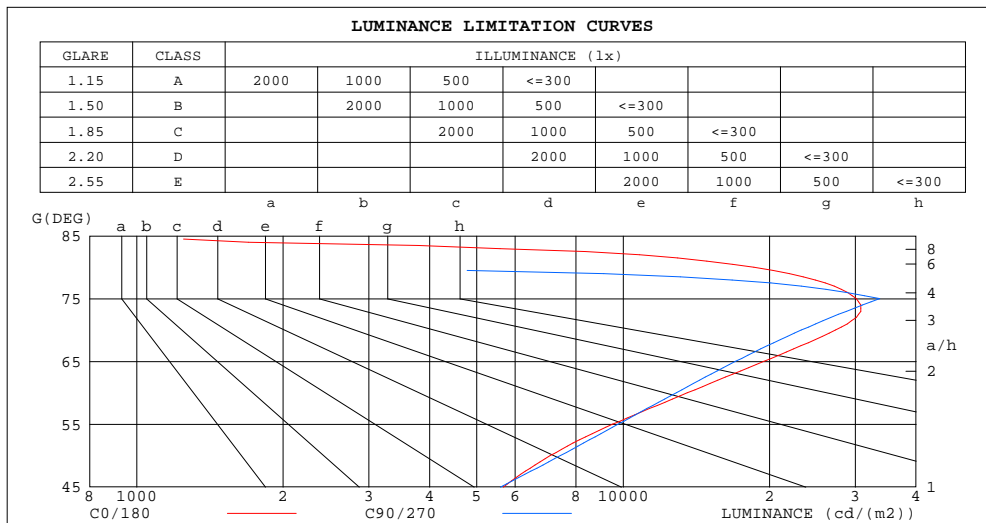
%lamp = 47.3%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	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	711	0
80	18572	0
75	30173	33655
70	27344	23248
65	19462	17008
60	13557	12860
55	9521	9766
50	7088	7433
45	5669	5589

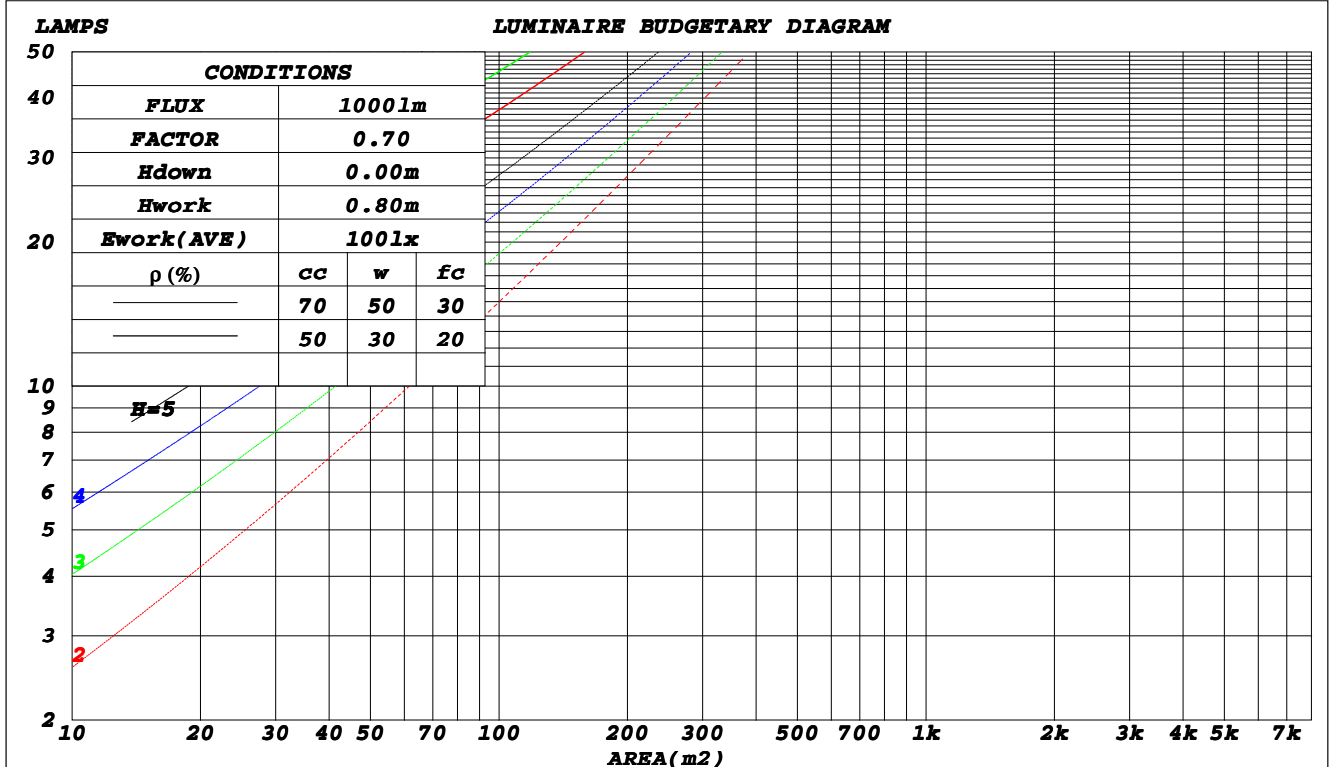
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.82	.86	.83	.79	.83	.79	.77	.74
2.0	.79	.69	.61	.77	.68	.60	.73	.65	.59	.69	.63	.57	.66	.61	.56	.53
3.0	.65	.54	.45	.63	.53	.45	.60	.51	.44	.57	.49	.43	.54	.48	.42	.39
4.0	.55	.44	.35	.53	.43	.34	.51	.41	.34	.48	.40	.33	.46	.39	.33	.30
5.0	.47	.36	.28	.46	.35	.27	.44	.34	.27	.42	.33	.27	.39	.32	.26	.24
6.0	.42	.31	.23	.40	.30	.22	.38	.29	.22	.37	.28	.22	.35	.27	.22	.19
7.0	.37	.26	.19	.36	.26	.19	.34	.25	.19	.33	.24	.18	.31	.24	.18	.16
8.0	.33	.23	.16	.32	.23	.16	.31	.22	.16	.30	.22	.16	.28	.21	.16	.13
9.0	.30	.20	.14	.29	.20	.14	.28	.20	.14	.27	.19	.14	.26	.19	.14	.11
10.0	.27	.18	.12	.27	.18	.12	.26	.18	.12	.25	.17	.12	.24	.17	.12	.10



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm					
NAME: LED Explosion-proof Light			TYPE:Flood Light		WEIGHT:N/A
SPEC.:8W			DIM.: 10mm		SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.			SUR.:N/A		Shielding Angle:N/A

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.436	.248	.078	.428	.244	.078	.414	.238	.076	.402	.232	.074	.390	.226	.073		
2.0	.404	.222	.068	.397	.219	.067	.385	.214	.066	.373	.209	.065	.362	.205	.065		
3.0	.362	.193	.058	.356	.191	.057	.344	.187	.057	.334	.183	.056	.324	.179	.055		
4.0	.323	.168	.049	.317	.166	.049	.307	.163	.049	.298	.160	.048	.289	.157	.048		
5.0	.290	.148	.043	.285	.146	.043	.276	.144	.042	.267	.141	.042	.259	.139	.042		
6.0	.262	.131	.038	.257	.130	.037	.249	.128	.037	.242	.126	.037	.235	.124	.037		
7.0	.238	.118	.033	.235	.117	.033	.227	.115	.033	.221	.113	.033	.214	.111	.033		
8.0	.219	.107	.030	.215	.106	.030	.209	.104	.030	.203	.103	.030	.197	.101	.029		
9.0	.202	.098	.027	.199	.097	.027	.193	.095	.027	.187	.094	.027	.182	.093	.027		
10.0	.187	.090	.025	.184	.089	.025	.179	.088	.025	.174	.087	.025	.170	.085	.025		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.187	.131	.084	.160	.113	.073	.110	.078	.051	.063	.046	.030	.020	.015	.010	
3.0	.182	.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	.143	.080	.033	.099	.056	.024	.057	.033	.014	.018	.011	.005	
6.0	.159	.085	.032	.136	.074	.028	.094	.052	.020	.055	.030	.012	.018	.010	.004	
7.0	.150	.078	.028	.129	.068	.024	.089	.048	.017	.052	.028	.010	.017	.009	.003	
8.0	.142	.073	.025	.123	.063	.021	.085	.044	.015	.049	.026	.009	.016	.009	.003	
9.0	.135	.068	.022	.116	.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	.014	.007	.002	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm										
NAME: LED Explosion-proof Light					TYPE:Flood Light			WEIGHT:N/A		
SPEC.:8W					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	23.8	25.7	24.1	25.9	26.2	23.6	25.5	23.9	25.7	26.0
3H	28.7	30.5	29.0	30.8	31.0	27.9	29.7	28.2	29.9	30.2
4H	30.7	32.4	31.0	32.7	33.0	30.2	31.9	30.5	32.2	32.5
6H	31.5	33.2	31.9	33.5	33.8	30.6	32.3	31.0	32.6	32.9
8H	31.6	33.2	31.9	33.5	33.8	30.6	32.2	30.9	32.5	32.8
12H	31.5	33.1	31.9	33.4	33.7	30.5	32.0	30.9	32.4	32.7
4H 2H	25.4	27.1	25.7	27.4	27.7	25.2	27.0	25.6	27.2	27.5
3H	30.1	31.6	30.5	32.0	32.3	29.3	30.8	29.7	31.2	31.5
4H	32.1	33.5	32.5	33.9	34.2	31.6	33.1	32.0	33.4	33.8
6H	33.0	34.3	33.4	34.7	35.1	32.1	33.4	32.5	33.8	34.2
8H	33.1	34.3	33.5	34.7	35.1	32.1	33.3	32.5	33.7	34.1
12H	33.1	34.2	33.5	34.6	35.0	32.0	33.1	32.5	33.5	34.0
8H 4H	32.6	33.8	33.0	34.2	34.6	32.3	33.5	32.7	33.9	34.3
6H	33.7	34.7	34.1	35.1	35.5	32.8	33.8	33.3	34.2	34.7
8H	33.8	34.7	34.3	35.1	35.6	32.8	33.7	33.2	34.1	34.6
12H	33.8	34.6	34.3	35.0	35.5	32.8	33.5	33.2	34.0	34.5
12H 4H	32.6	33.7	33.0	34.1	34.5	32.3	33.4	32.8	33.8	34.3
6H	33.7	34.6	34.1	35.0	35.5	32.9	33.8	33.3	34.2	34.7
8H	33.8	34.6	34.3	35.1	35.6	32.9	33.6	33.3	34.1	34.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.0 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.4 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.7 / - 1.0				

CIE Pub.117, 671.1 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -1.4$)
Area: 0.024 m²

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

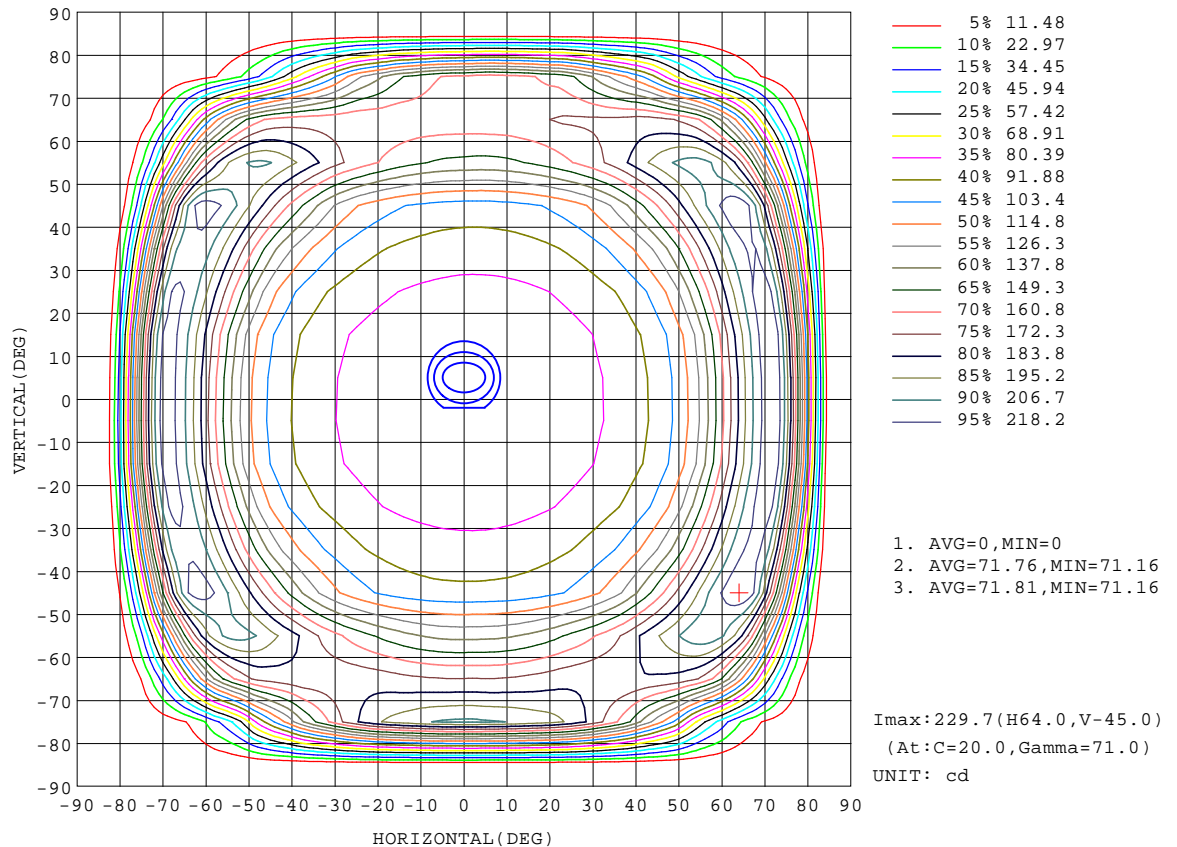
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	30	21	43	29	21	42	29	21	13
0.80	52	37	28	51	37	28	49	36	27	19
1.00	60	45	35	58	44	35	56	47	34	25
1.25	68	53	43	66	52	42	62	50	42	32
1.50	74	60	50	72	59	49	68	57	48	38
2.00	83	70	61	81	69	60	76	66	59	48
2.50	89	78	69	87	76	68	82	73	66	56
3.00	94	84	76	91	82	75	87	79	73	62
4.00	100	92	85	97	90	84	93	87	81	71
5.00	104	97	92	101	95	90	97	92	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:2024-11-06

$V(B)$ Range:-75 - 75DEG
 $V(B)$ Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



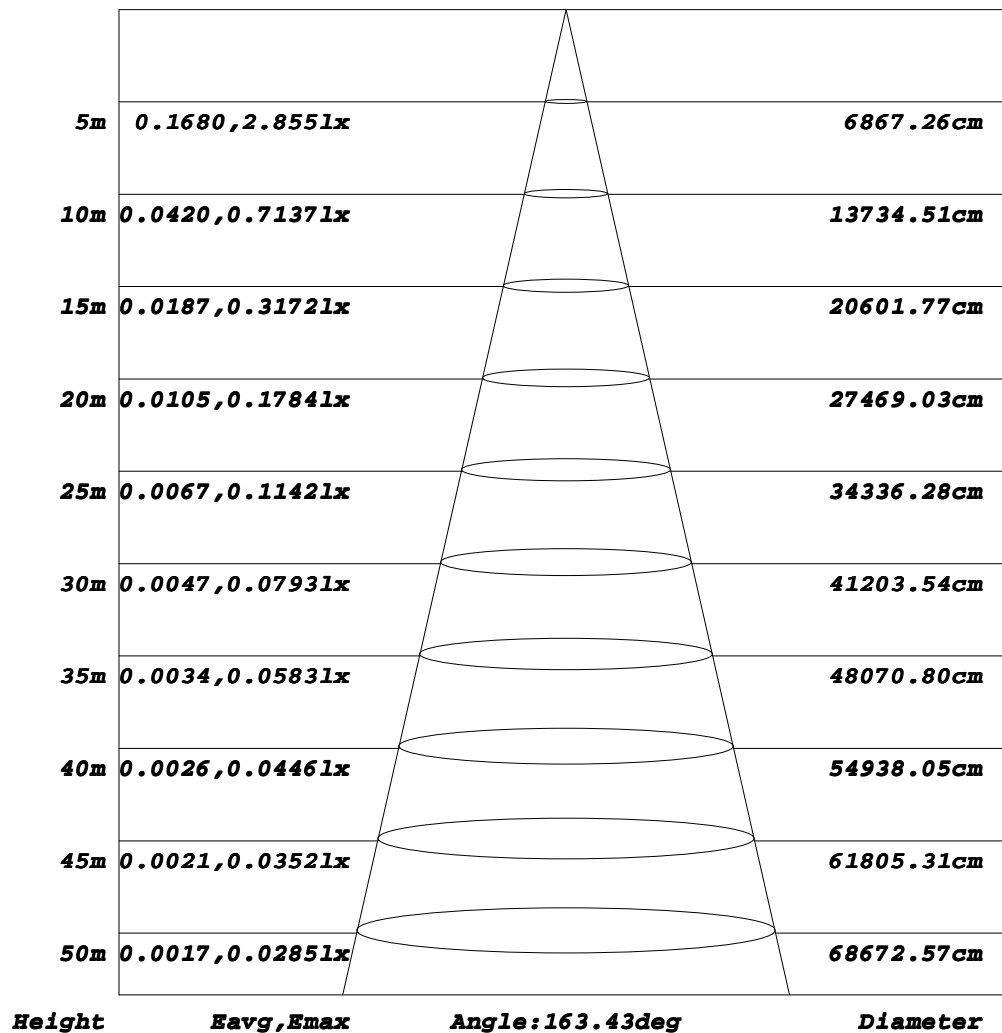
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

AAI Figure

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

Flux out:668.2 lm



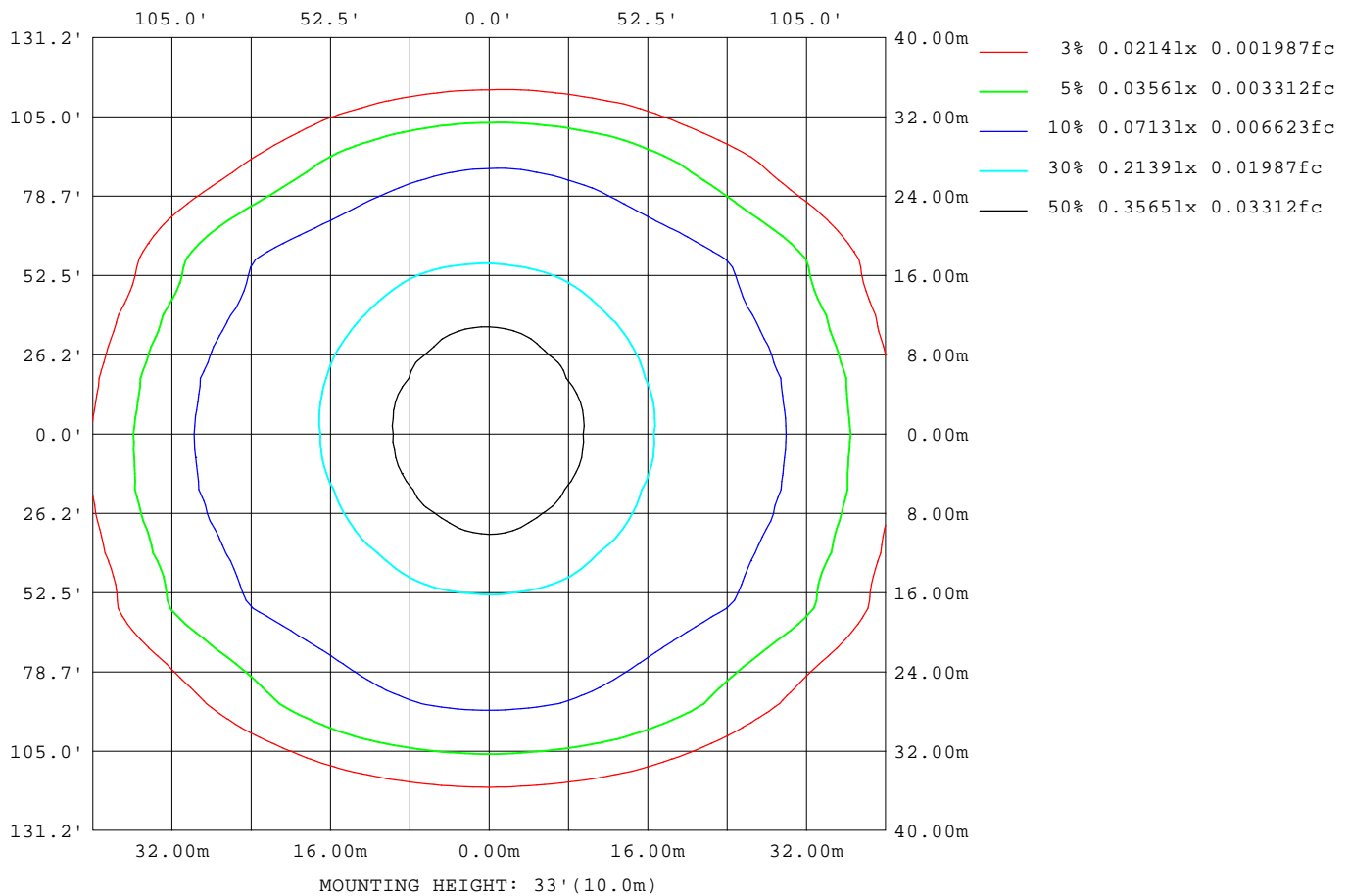
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jessy
Test Date: 2024-11-06

V(B) Range: -75 - 75DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65%
Test Distance: 6.878m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:32.620V I:0.1270A P:4.1430W PF:0.9900 Freq:59.98Hz Lamp Flux:671.094x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:8W	DIM.: 10mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

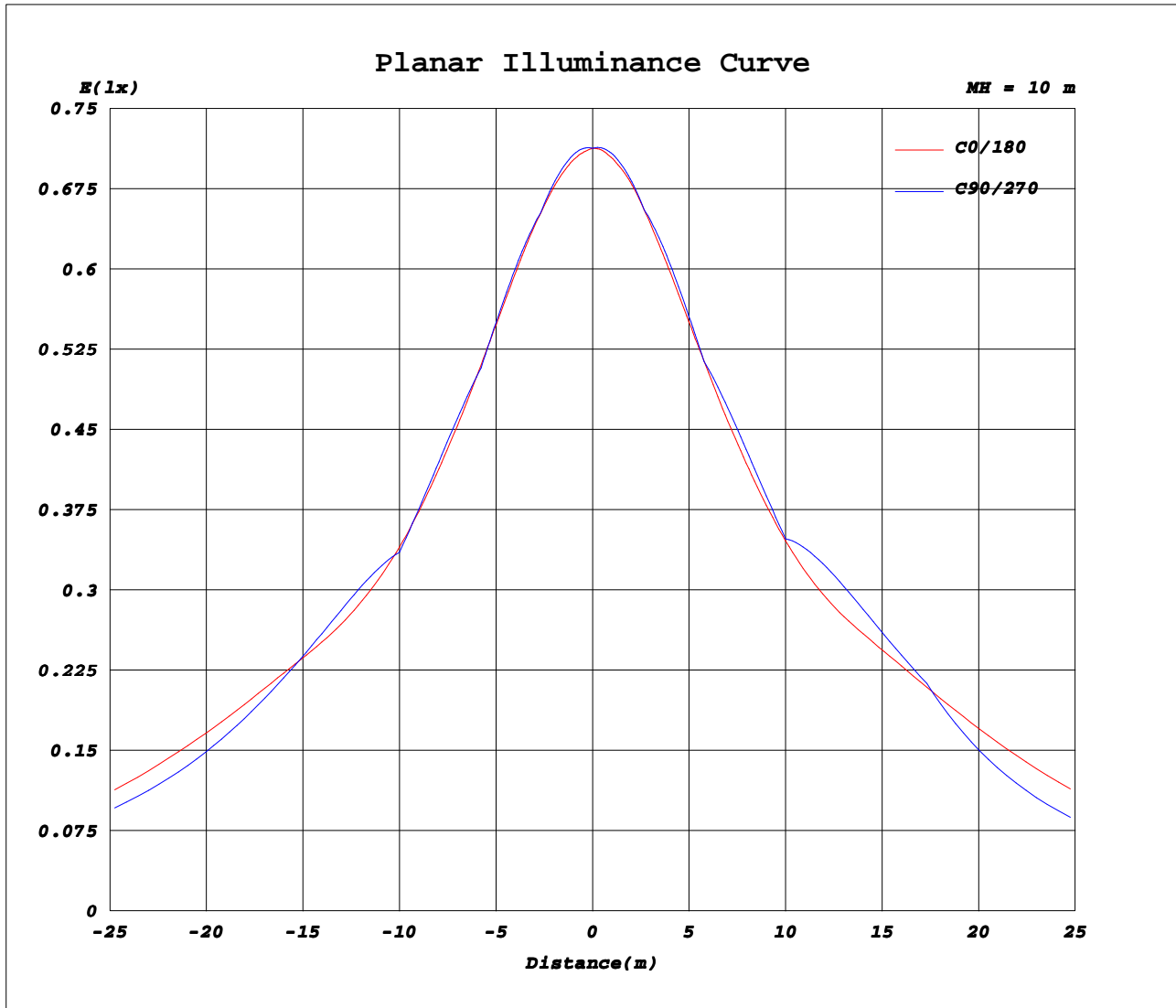
AvgL	cd/m2
L_0~180(65)av	19647
L_0~180(75)av	29106
L_0~180(85)av	975
L_90~270(65)av	16789
L_90~270(75)av	29974
L_90~270(85)av	0
L_45(65)av	19275
L_45(75)av	22919
L_45(85)av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [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: 2024-11-06

$V(B)$ Range: -75 - 75DEG
 $V(B)$ Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65%
Test Distance: 6.878m [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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.16	71.18	71.19	71.21	71.23	71.25	71.27	71.29	71.31	71.33
5.0	71.20	71.24	71.27	71.31	71.34	71.36	71.39	71.41	71.44	71.46
7.5	71.36	71.41	71.46	71.50	71.54	71.58	71.60	71.63	71.65	71.67
10.0	71.59	71.66	71.72	71.77	71.82	71.85	71.88	71.93	71.97	71.99
12.5	71.94	72.02	72.08	72.13	72.18	72.23	72.29	72.34	72.37	72.38
15.0	72.40	72.49	72.55	72.59	72.63	72.72	72.78	72.82	72.84	72.81
17.5	73.12	73.19	73.22	73.20	73.29	73.38	73.43	73.42	73.31	73.20
20.0	73.82	73.90	73.94	73.98	74.12	74.20	74.20	74.02	73.83	73.66
22.5	74.73	74.79	74.78	74.88	75.03	75.11	74.90	74.67	74.41	74.72
25.0	75.78	75.84	75.80	76.00	76.16	76.04	75.70	75.36	75.81	76.14
27.5	77.07	77.10	77.03	77.36	77.50	77.06	76.62	77.02	77.45	77.67
30.0	78.59	78.59	78.61	78.99	78.87	78.28	78.30	78.93	79.25	79.12
32.5	80.35	80.29	80.43	80.87	80.43	79.71	80.60	81.15	80.94	80.69
35.0	82.53	82.36	82.64	83.05	82.16	82.30	83.19	83.17	82.80	82.67
37.5	85.11	84.80	85.26	85.31	84.16	85.28	85.80	85.35	85.19	85.07
40.0	88.13	87.64	88.38	87.89	87.31	88.73	88.44	88.02	88.02	88.09
42.5	91.79	90.99	92.09	90.86	91.41	92.19	91.32	91.45	91.54	92.30
45.0	96.20	95.00	96.64	94.22	96.43	95.97	95.36	95.27	96.61	97.06
47.5	102.0	100.5	101.9	99.53	102.3	100.4	100.5	101.5	102.4	103.4
50.0	109.3	107.7	108.4	107.6	108.6	107.3	107.7	109.0	110.6	110.5
52.5	116.8	116.9	116.3	116.1	116.3	116.3	117.4	119.5	120.4	116.7
55.0	131.1	129.2	126.0	131.2	127.3	128.1	129.0	132.3	128.9	124.5
57.5	146.2	144.6	138.8	144.1	143.0	141.6	144.8	144.0	139.0	141.7
60.0	162.7	161.8	157.7	157.8	160.1	158.1	160.7	155.5	157.5	158.6
62.5	179.7	179.8	177.4	175.1	175.4	178.1	174.1	173.5	174.5	173.1
65.0	197.4	196.6	196.1	194.7	192.5	194.1	190.0	190.0	188.4	189.0
67.5	213.0	210.4	209.0	209.5	211.6	207.2	205.2	202.4	203.7	206.0
70.0	224.5	221.4	219.9	218.6	223.6	213.5	213.8	216.1	213.9	195.1
72.5	219.8	223.8	222.0	216.6	218.6	210.6	218.5	213.7	190.2	177.8
75.0	187.4	191.6	196.4	203.3	191.0	194.6	197.5	177.0	162.7	158.0
77.5	135.3	138.0	140.9	141.0	150.1	156.0	147.8	133.1	132.9	138.6
80.0	77.40	89.64	91.70	92.96	97.73	100.3	91.20	90.22	104.1	99.21
82.5	36.23	37.99	36.54	41.61	47.85	43.89	41.76	39.33	31.20	13.37
85.0	1.487	7.576	9.642	12.67	9.746	7.691	0	0	0	0
87.5	0.4461	1.255	1.917	0	0	0	0	0	0	0
90.0	0.4777	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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.35	71.38	71.40	71.42	71.44	71.45	71.47	71.48	71.49	71.49
5.0	71.48	71.50	71.54	71.57	71.60	71.64	71.66	71.68	71.69	71.70
7.5	71.69	71.71	71.73	71.74	71.76	71.79	71.82	71.85	71.87	71.88
10.0	72.01	72.01	72.00	71.99	71.98	71.98	71.99	72.01	72.04	72.06
12.5	72.38	72.36	72.32	72.27	72.22	72.19	72.19	72.21	72.25	72.28
15.0	72.75	72.67	72.61	72.54	72.46	72.40	72.39	72.41	72.45	72.50
17.5	73.13	73.02	73.01	73.13	73.20	73.25	73.29	73.35	73.39	73.42
20.0	73.72	73.96	74.11	74.20	74.25	74.26	74.28	74.30	74.33	74.36
22.5	74.97	75.15	75.27	75.29	75.26	75.22	75.23	75.26	75.30	75.35
25.0	76.35	76.37	76.33	76.30	76.23	76.15	76.18	76.21	76.27	76.35
27.5	77.62	77.54	77.44	77.35	77.29	77.19	77.15	77.18	77.22	77.28
30.0	78.93	78.80	78.76	78.65	78.47	78.30	78.13	78.16	78.16	78.23
32.5	80.53	80.40	80.23	80.01	80.28	80.51	80.66	80.86	80.95	80.97
35.0	82.53	82.17	82.53	82.87	83.09	83.30	83.45	83.62	83.73	83.78
37.5	84.94	85.34	85.59	85.80	86.02	86.20	86.32	86.44	86.51	86.52
40.0	88.57	88.74	88.97	89.15	89.19	89.19	89.24	89.26	89.29	89.26
42.5	92.50	92.84	92.80	92.66	92.32	92.08	92.06	92.03	92.07	92.07
45.0	97.61	97.41	96.61	95.82	95.22	94.89	94.84	94.79	94.85	94.90
47.5	103.2	101.6	100.1	98.98	100.5	102.4	103.7	104.5	104.8	104.5
50.0	108.1	105.7	107.0	109.9	111.9	113.1	113.9	114.5	114.7	114.3
52.5	113.2	117.2	120.3	122.2	123.2	123.6	123.9	124.4	124.6	124.4
55.0	128.5	131.7	133.4	133.9	134.1	133.9	133.9	134.3	134.4	134.4
57.5	144.2	145.3	146.0	145.7	145.5	144.9	144.2	144.3	144.4	144.3
60.0	158.2	158.6	159.5	159.1	157.8	156.2	154.8	154.4	154.3	154.2
62.5	172.9	174.0	174.0	172.3	167.8	165.0	163.5	163.3	163.4	163.3
65.0	189.5	187.5	180.6	176.7	173.8	172.4	171.8	172.2	172.5	172.3
67.5	193.2	184.9	181.5	180.6	180.0	179.9	180.4	181.0	181.7	181.3
70.0	184.7	181.1	181.8	184.4	186.2	187.4	188.9	189.9	190.8	190.2
72.5	174.4	176.2	181.3	187.9	192.3	194.9	197.4	198.9	199.9	199.0
75.0	162.8	171.5	181.7	191.6	198.2	202.4	205.9	207.8	209.1	207.8
77.5	151.9	166.6	158.2	144.7	131.0	119.2	111.0	105.9	104.5	105.9
80.0	86.83	70.99	54.49	38.92	25.10	14.06	6.243	1.557	0	1.556
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:2024-11-06

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.878m [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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.50	71.50	71.50	71.50	71.49	71.49	71.48	71.48	71.47	71.46
5.0	71.71	71.72	71.71	71.71	71.70	71.68	71.67	71.65	71.63	71.61
7.5	71.90	71.91	71.90	71.90	71.89	71.89	71.89	71.90	71.91	71.89
10.0	72.09	72.10	72.09	72.08	72.09	72.12	72.15	72.19	72.24	72.28
12.5	72.30	72.30	72.30	72.32	72.36	72.40	72.46	72.54	72.61	72.66
15.0	72.51	72.51	72.57	72.66	72.75	72.84	72.91	72.96	73.01	73.10
17.5	73.39	73.33	73.31	73.30	73.26	73.31	73.42	73.52	73.58	73.61
20.0	74.35	74.30	74.30	74.32	74.29	74.23	74.15	74.17	74.26	74.33
22.5	75.35	75.36	75.39	75.39	75.34	75.32	75.28	75.19	75.09	75.24
25.0	76.39	76.48	76.58	76.60	76.60	76.56	76.46	76.45	76.42	76.28
27.5	77.37	77.52	77.71	77.84	77.98	78.00	77.98	77.86	77.85	77.81
30.0	78.33	78.51	78.75	78.94	79.23	79.55	79.72	79.71	79.52	79.49
32.5	80.89	80.78	80.51	80.06	80.43	80.91	81.42	81.77	81.73	81.42
35.0	83.75	83.74	83.55	83.30	82.83	82.32	83.03	83.75	84.27	84.06
37.5	86.50	86.58	86.60	86.63	86.46	86.05	85.21	85.73	86.67	87.01
40.0	89.23	89.34	89.49	89.71	90.03	90.25	89.79	88.74	89.00	90.09
42.5	92.08	92.30	92.52	92.83	93.42	94.14	94.80	94.16	92.28	92.98
45.0	95.00	95.42	95.93	96.56	97.25	98.09	99.23	100.2	99.00	96.14
47.5	103.8	102.9	101.5	100.5	101.9	103.0	104.0	105.8	106.9	104.3
50.0	113.9	113.3	112.4	111.1	109.3	108.8	110.8	112.1	114.1	114.5
52.5	124.3	124.2	123.8	122.7	121.5	119.8	118.5	121.3	122.3	124.4
55.0	134.9	135.5	135.9	135.6	134.5	132.8	132.0	132.0	134.3	134.7
57.5	145.0	146.3	147.8	148.8	148.6	147.5	146.7	146.1	147.7	148.6
60.0	155.1	156.8	159.1	160.8	162.1	162.8	161.9	161.2	161.9	164.8
62.5	164.0	165.6	168.5	172.5	174.9	176.3	177.6	178.4	176.5	178.2
65.0	172.5	173.1	174.6	176.6	180.4	187.6	191.4	193.6	192.8	191.4
67.5	180.8	180.2	180.2	180.0	180.5	183.6	193.1	207.1	206.3	205.6
70.0	188.9	186.9	185.1	182.5	179.5	178.3	183.0	193.1	212.8	215.9
72.5	196.8	193.2	189.6	184.2	177.6	171.7	170.6	173.1	185.6	208.3
75.0	204.6	199.4	193.6	184.6	173.1	162.5	155.6	151.2	155.4	164.9
77.5	110.3	117.3	127.5	138.1	147.3	151.6	136.5	124.7	121.3	121.9
80.0	6.200	13.83	24.40	37.09	50.67	64.35	75.74	83.05	80.62	72.24
82.5	0	0	0	0	0	0	0	11.14	23.25	26.09
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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.44	71.43	71.41	71.40	71.38	71.36	71.35	71.37	71.39	71.41
5.0	71.60	71.57	71.55	71.52	71.48	71.44	71.41	71.46	71.51	71.56
7.5	71.88	71.85	71.81	71.77	71.72	71.66	71.59	71.68	71.76	71.84
10.0	72.31	72.28	72.23	72.18	72.10	72.02	71.92	72.05	72.16	72.26
12.5	72.71	72.75	72.72	72.65	72.55	72.44	72.31	72.48	72.63	72.76
15.0	73.17	73.22	73.25	73.18	73.05	72.89	72.70	72.95	73.16	73.33
17.5	73.70	73.79	73.87	73.88	73.73	73.53	73.28	73.59	73.86	74.08
20.0	74.36	74.48	74.63	74.74	74.61	74.34	74.01	74.42	74.76	74.97
22.5	75.31	75.32	75.55	75.74	75.71	75.40	75.01	75.50	75.90	76.02
25.0	76.43	76.48	76.59	76.86	76.99	76.61	76.12	76.73	77.21	77.19
27.5	77.72	77.83	77.80	78.17	78.47	78.07	77.46	78.21	78.75	78.56
30.0	79.43	79.44	79.46	79.72	80.20	79.88	79.16	80.06	80.54	80.20
32.5	81.46	81.32	81.42	81.49	82.13	81.96	81.07	82.18	82.54	82.07
35.0	83.69	83.73	83.75	83.63	84.40	84.45	83.34	84.74	84.94	84.35
37.5	86.55	86.43	86.42	86.38	87.06	87.46	86.15	87.82	87.73	87.32
40.0	90.13	89.45	89.67	89.67	90.13	90.99	89.39	91.43	90.95	90.84
42.5	94.29	93.59	93.50	93.62	93.73	95.27	93.26	95.82	94.73	95.07
45.0	98.28	98.92	98.02	98.46	97.99	100.6	97.84	101.3	99.25	100.3
47.5	102.6	105.5	103.9	104.6	104.1	107.0	103.9	108.0	105.9	107.2
50.0	109.7	111.9	112.8	112.4	112.3	115.4	111.6	116.6	114.6	115.9
52.5	122.6	119.3	124.4	122.1	123.4	126.1	121.9	127.6	126.2	126.6
55.0	136.8	132.0	137.2	134.5	137.5	139.3	135.2	141.1	141.0	139.7
57.5	149.3	150.5	149.4	151.8	153.9	154.1	150.7	156.1	157.8	157.7
60.0	163.7	167.6	164.0	170.7	169.4	169.6	167.4	171.6	173.4	176.5
62.5	181.8	181.3	184.4	186.3	184.6	185.1	184.6	186.7	188.2	191.9
65.0	195.3	198.3	201.0	199.4	201.1	201.1	201.1	202.3	202.2	204.0
67.5	203.5	213.5	212.1	212.3	214.9	215.6	214.9	216.2	216.2	214.3
70.0	209.2	210.9	222.1	217.5	221.3	221.7	223.4	221.3	219.2	213.1
72.5	210.2	197.7	209.6	209.3	213.7	204.4	212.7	200.1	206.6	198.4
75.0	184.4	178.2	171.2	171.8	168.5	168.5	174.2	160.8	153.8	151.6
77.5	129.3	135.4	120.6	126.0	115.0	114.0	119.4	105.6	98.35	103.6

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-06

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.878m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	80.43	80.36	73.03	60.78	53.68	51.44	62.40	43.01	39.92	41.94
82.5	25.68	33.12	35.51	26.07	22.91	17.45	21.06	12.39	15.10	14.00
85.0	0	3.961	5.006	9.349	5.094	2.700	2.592	2.000	2.840	5.014
87.5	0	0	0	0	1.189	0.8733	0.5383	0.7362	0.7000	0
90.0	0	0	0	0	0	0	0.5129	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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.43	71.45	71.47	71.49	71.50	71.51	71.52	71.53	71.54	71.54
5.0	71.60	71.64	71.68	71.71	71.74	71.76	71.78	71.79	71.81	71.82
7.5	71.90	71.96	72.01	72.04	72.07	72.09	72.09	72.08	72.08	72.07
10.0	72.35	72.41	72.47	72.47	72.46	72.44	72.42	72.40	72.37	72.35
12.5	72.87	72.93	72.93	72.90	72.87	72.83	72.79	72.75	72.74	72.70
15.0	73.44	73.45	73.44	73.40	73.34	73.32	73.29	73.24	73.19	73.13
17.5	74.14	74.11	74.03	73.97	73.99	73.96	73.89	73.79	73.76	73.85
20.0	74.93	74.86	74.81	74.85	74.80	74.68	74.72	74.86	74.93	74.99
22.5	75.91	75.74	75.80	75.80	75.73	75.94	76.03	76.12	76.15	76.21
25.0	77.02	77.00	77.03	76.95	77.20	77.39	77.46	77.55	77.63	77.62
27.5	78.30	78.43	78.42	78.65	78.83	78.98	79.23	79.30	79.24	79.09
30.0	80.06	80.16	80.28	80.51	80.69	81.01	81.18	81.11	80.75	80.37
32.5	82.18	82.24	82.50	82.61	83.11	83.30	83.06	82.69	82.20	81.70
35.0	84.67	84.83	84.98	85.48	85.85	85.50	84.87	84.35	85.09	85.63
37.5	87.62	87.83	88.14	88.78	88.49	87.68	87.40	88.68	89.43	89.71
40.0	91.18	91.23	92.15	92.23	91.11	91.09	92.76	93.61	93.70	93.43
42.5	95.43	95.92	96.90	95.53	94.95	97.52	98.64	98.27	97.78	97.20
45.0	100.5	102.0	101.5	99.15	103.0	104.7	104.0	103.0	102.4	101.7
47.5	107.3	109.6	106.6	109.0	112.5	111.6	109.9	109.0	107.8	106.5
50.0	117.5	117.2	115.0	120.8	121.4	119.3	118.1	115.9	116.4	118.6
52.5	130.6	126.0	129.7	132.3	131.2	130.7	127.4	128.3	130.2	132.0
55.0	144.4	140.1	145.5	144.0	144.8	143.3	141.9	142.6	144.7	146.6
57.5	157.4	159.6	159.1	159.2	159.5	157.7	156.5	158.3	160.3	161.4
60.0	172.3	176.8	174.1	176.4	173.1	172.4	173.5	174.6	175.3	175.1
62.5	191.4	190.3	192.2	188.5	186.9	188.7	189.6	189.0	189.4	187.8
65.0	206.3	205.9	202.5	198.6	201.8	203.2	203.4	199.2	186.5	178.5
67.5	215.6	217.5	203.6	206.6	213.8	215.9	196.6	180.6	172.3	168.4
70.0	220.5	204.9	198.0	211.4	216.6	189.3	171.0	160.5	157.3	157.5
72.5	197.2	179.9	188.8	195.9	173.9	155.1	143.5	138.9	141.3	145.6
75.0	149.1	149.3	156.2	142.6	130.0	119.0	113.8	114.7	121.9	132.4
77.5	91.99	104.7	101.5	95.20	84.48	78.37	80.57	88.65	92.50	93.37
80.0	48.52	57.52	56.22	44.19	34.94	38.03	39.90	37.01	31.67	25.04
82.5	22.02	20.40	8.832	10.08	9.216	5.033	0	0	0	0
85.0	2.175	1.431	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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.54	71.55	71.55	71.54	71.54	71.53	71.52	71.50	71.49	71.47
5.0	71.82	71.81	71.80	71.80	71.79	71.78	71.77	71.74	71.71	71.67
7.5	72.07	72.05	72.04	72.03	72.03	72.01	71.98	71.94	71.91	71.88
10.0	72.33	72.30	72.27	72.26	72.26	72.23	72.20	72.18	72.17	72.16
12.5	72.66	72.62	72.57	72.52	72.50	72.48	72.45	72.44	72.44	72.44
15.0	73.06	72.97	72.89	72.79	72.75	72.74	72.71	72.70	72.71	72.72
17.5	73.90	73.91	73.88	73.83	73.81	73.78	73.71	73.62	73.50	73.35
20.0	75.02	75.00	74.95	74.88	74.87	74.84	74.79	74.71	74.61	74.49
22.5	76.24	76.21	76.12	76.01	75.94	75.90	75.85	75.78	75.71	75.66
25.0	77.58	77.48	77.33	77.15	77.01	76.96	76.90	76.83	76.78	76.77
27.5	78.86	78.66	78.42	78.20	78.06	78.04	78.00	77.95	77.92	77.93
30.0	80.06	79.79	79.50	79.23	79.12	79.12	79.10	79.11	79.19	79.35
32.5	82.19	82.48	82.55	82.46	82.35	82.22	81.96	81.62	81.26	80.80
35.0	85.91	86.03	85.97	85.78	85.57	85.39	85.14	84.87	84.57	84.18
37.5	89.61	89.45	89.20	88.96	88.76	88.59	88.43	88.25	88.01	87.63
40.0	93.10	92.78	92.42	92.14	91.94	91.81	91.78	91.77	91.72	91.55
42.5	96.79	96.40	95.87	95.49	95.19	94.99	95.00	95.15	95.39	95.64
45.0	100.9	100.2	99.41	98.85	98.44	98.16	98.19	98.46	98.82	99.37
47.5	107.6	109.1	110.0	110.4	110.4	109.7	108.7	107.2	105.0	103.1
50.0	120.3	121.4	122.0	122.4	122.3	121.6	120.8	119.6	117.9	115.4
52.5	133.3	134.2	134.5	134.5	134.4	133.5	132.6	131.8	130.7	129.1
55.0	147.2	147.3	147.1	146.7	146.4	145.3	144.4	143.8	143.1	142.1
57.5	160.9	160.0	159.2	158.6	158.3	157.2	156.6	156.3	156.0	155.1
60.0	173.9	172.4	171.3	170.6	170.2	169.1	168.8	169.1	169.6	169.4
62.5	179.5	174.1	171.0	169.6	169.1	169.0	169.9	172.4	176.8	183.0
65.0	173.1	170.1	168.5	168.1	168.1	168.4	168.9	170.6	173.4	178.2
67.5	166.1	165.6	165.8	166.6	167.0	168.0	168.0	168.7	170.0	172.9
70.0	158.6	160.8	163.0	165.1	166.0	167.5	167.1	166.8	166.6	167.2

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-06

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.878m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	149.8	155.4	159.5	163.2	164.6	166.9	166.2	165.0	163.1	161.2
75.0	140.1	149.6	155.7	161.2	163.3	166.2	165.4	163.2	159.5	155.6
77.5	89.32	86.75	83.43	82.06	81.66	84.66	88.79	95.21	103.5	114.0
80.0	17.06	10.22	4.688	1.206	0	1.244	4.992	11.22	19.82	30.63
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	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29	71.29
2.5	71.45	71.42	71.40	71.37	71.34	71.32	71.30	71.27	71.25	71.23
5.0	71.63	71.59	71.56	71.53	71.50	71.47	71.44	71.41	71.37	71.33
7.5	71.86	71.83	71.80	71.76	71.72	71.69	71.66	71.62	71.57	71.53
10.0	72.14	72.12	72.10	72.07	72.03	71.99	71.93	71.89	71.85	71.80
12.5	72.45	72.46	72.47	72.46	72.44	72.40	72.34	72.27	72.21	72.16
15.0	72.75	72.79	72.85	72.90	72.93	72.91	72.86	72.78	72.68	72.62
17.5	73.17	73.15	73.24	73.32	73.41	73.48	73.45	73.40	73.31	73.22
20.0	74.35	74.16	73.89	73.80	73.90	74.06	74.26	74.27	74.18	74.02
22.5	75.61	75.46	75.20	74.84	74.46	74.75	75.00	75.21	75.11	74.94
25.0	76.79	76.74	76.64	76.39	76.01	75.50	75.83	76.15	76.27	76.08
27.5	77.99	78.01	78.05	78.07	77.77	77.25	76.77	77.22	77.62	77.45
30.0	79.40	79.39	79.50	79.62	79.68	79.28	78.56	78.45	79.01	79.12
32.5	81.00	81.16	81.23	81.30	81.50	81.58	80.92	79.91	80.68	81.11
35.0	83.64	83.06	83.35	83.43	83.46	83.71	83.72	82.73	82.49	83.32
37.5	87.25	86.74	85.98	85.94	85.93	86.09	86.48	85.85	84.55	85.68
40.0	91.20	90.72	90.19	89.19	89.00	88.94	89.29	89.53	87.93	88.40
42.5	95.70	95.42	94.71	94.09	92.83	92.60	92.40	93.27	92.31	91.54
45.0	100.1	100.6	100.5	99.62	98.70	96.76	96.81	97.36	97.69	95.18
47.5	104.2	105.4	107.0	107.0	105.5	103.9	102.4	102.2	104.0	100.8
50.0	111.9	110.2	112.6	115.2	114.9	112.4	110.2	109.5	110.6	109.1
52.5	126.3	122.6	118.6	122.5	125.7	123.7	120.6	119.1	118.8	120.0
55.0	140.4	138.1	134.8	131.5	135.1	137.1	132.8	131.6	130.4	133.6
57.5	153.9	152.5	151.3	149.0	145.9	149.3	149.0	145.6	146.4	146.7
60.0	168.3	166.6	165.7	165.8	164.0	161.3	165.4	162.1	163.4	160.4
62.5	183.6	182.4	180.6	180.3	180.6	178.7	178.8	181.6	178.3	177.6
65.0	184.5	195.0	197.1	196.2	194.3	194.3	193.2	197.0	194.5	196.8
67.5	176.1	182.9	195.9	212.9	209.0	205.8	205.3	208.7	213.1	210.9
70.0	166.7	169.5	178.1	194.5	217.2	216.4	210.7	210.1	223.9	217.7
72.5	156.4	155.0	159.1	169.3	185.1	209.2	209.6	202.7	213.7	211.7
75.0	147.1	140.6	139.0	141.3	149.0	167.5	184.6	181.9	180.7	195.2
77.5	121.4	126.0	118.7	113.6	110.8	119.8	134.7	142.1	137.9	134.0
80.0	41.78	53.42	65.44	74.61	73.54	73.38	78.79	90.53	88.01	87.29
82.5	0	0	0	10.00	21.54	28.89	30.65	38.72	43.74	39.38
85.0	0	0	0	0	0	0	0	6.633	9.625	12.79
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	71.29	71.29								
2.5	71.20	71.18								
5.0	71.29	71.25								
7.5	71.47	71.42								
10.0	71.74	71.67								
12.5	72.10	72.03								
15.0	72.57	72.50								
17.5	73.23	73.20								
20.0	73.97	73.92								
22.5	74.82	74.81								
25.0	75.86	75.86								
27.5	77.09	77.13								
30.0	78.70	78.64								
32.5	80.59	80.37								
35.0	82.83	82.46								
37.5	85.54	84.94								
40.0	88.77	87.84								
42.5	92.65	91.26								
45.0	97.42	95.39								
47.5	102.8	100.9								
50.0	109.3	108.2								
52.5	117.5	117.6								
55.0	127.7	130.1								
57.5	140.8	145.6								
60.0	159.6	163.0								
62.5	179.5	181.0								

H(β) Range:-90 - 90DEGH(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-06

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411

Humidity:65%

Test Distance:6.878m [K=1.0000]

Remarks:

Photometric Data Table [cd]

65.0	198.0	197.9
67.5	210.7	211.8
70.0	221.0	222.3
72.5	220.1	223.9
75.0	192.4	190.6
77.5	138.1	138.0
80.0	91.04	91.55
82.5	38.71	39.98
85.0	11.49	8.846
87.5	2.211	1.286
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-06

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.878m [K=1.0000]
Remarks: