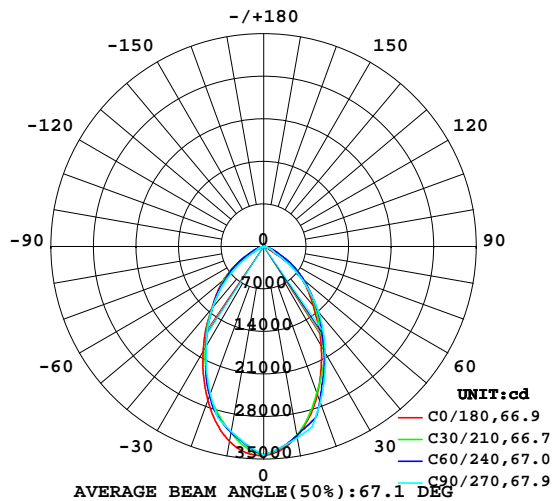


LUMINAIRE PHOTOMETRIC TEST REPORT

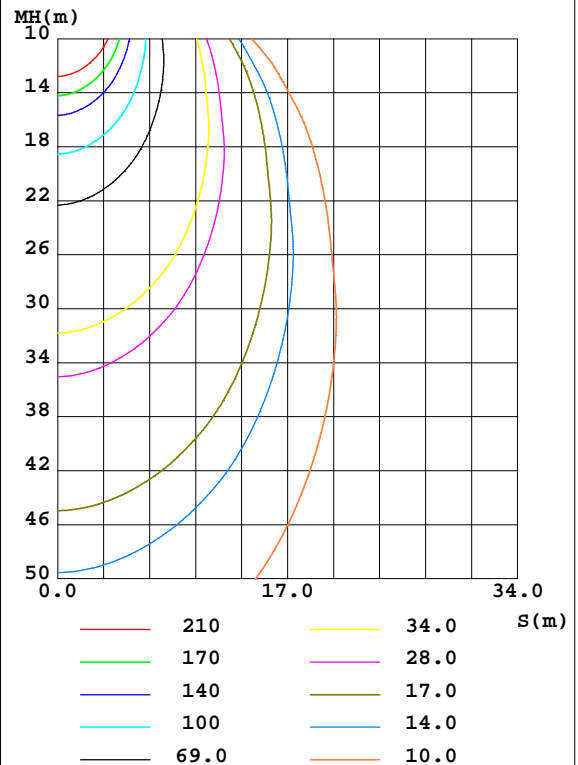
Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.72 lm/W			
MODEL	GHSL-48-U	Imax(cd)	34393	S/MH(C0/180)	0.95
NOMINAL POWER(W)	300	LOR(%)	100.0	S/MH(C90/270)	0.91
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	48014	η UP,DN(C0-180)	0.0,51.1
NOMINAL FLUX(lm)	48013.9	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,48.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.05

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:2024-11-11

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [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	3167	3146	3196	3166	3255	3106	3090	3073	0- 10	3110	3110	6.48,6.48
20	2586	2702	2725	2703	2694	2607	2575	2585	10- 20	8165	11275	23.5,23.5
30	1897	1957	2025	1999	1996	1922	1892	1878	20- 30	10452	21727	45.3,45.3
40	1269	1359	1403	1392	1330	1334	1308	1299	30- 40	10139	31866	66.4,66.4
50	806.2	842.8	799.7	884.9	876.6	834.5	732.6	805.0	40- 50	8244	40111	83.5,83.5
60	139.9	417.5	215.8	450.2	211.3	408.9	165.4	394.9	50- 60	5305	45415	94.6,94.6
70	54.05	96.36	97.93	112.7	66.26	90.46	74.55	86.90	60- 70	2036	47452	98.8,98.8
80	12.28	16.02	0	19.33	17.25	14.64	0	13.61	70- 80	534.0	47986	99.9,99.9
90	0.5250	0	0	0	0.4422	0	0	0	80- 90	27.98	48014	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:×10cd									UNIT: lm		

Conical surface Flux(90deg): 36290 lm

%lum = 75.6%

%lamp = 75.6%

Conical surface Flux(120deg): 45415 lm

%lum = 94.6%

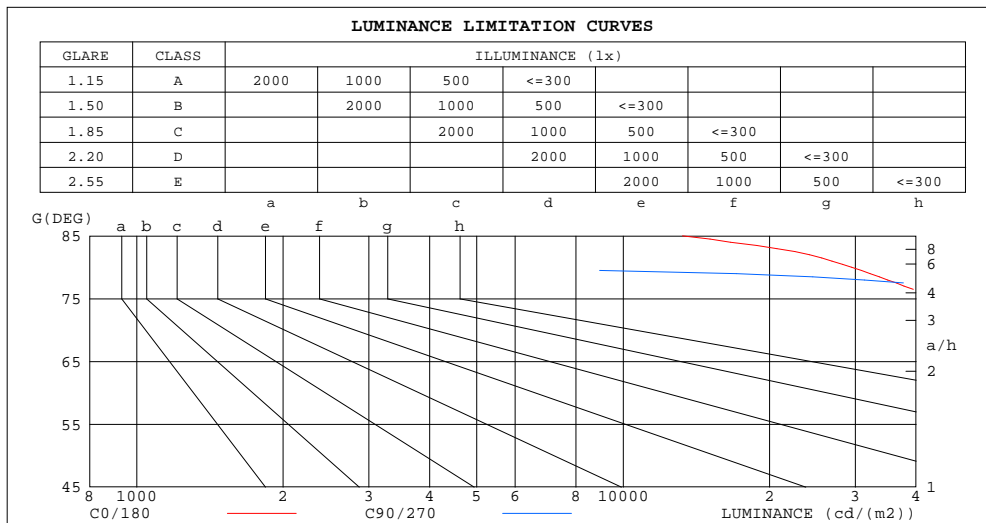
%lamp = 94.6%

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

$V(B)$ Range:-75 - 75DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity:65%
 Test Distance:6.938m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



LUMINANCE $\text{cd}/(\text{m}^2)$		
$G(\text{DEG})$	C0/180	C90/270
85	13245	0
80	29477	0
75	44943	63011
70	65852	119298
65	83615	155086
60	116596	179841
55	391831	369180
50	522608	518353
45	611744	643384

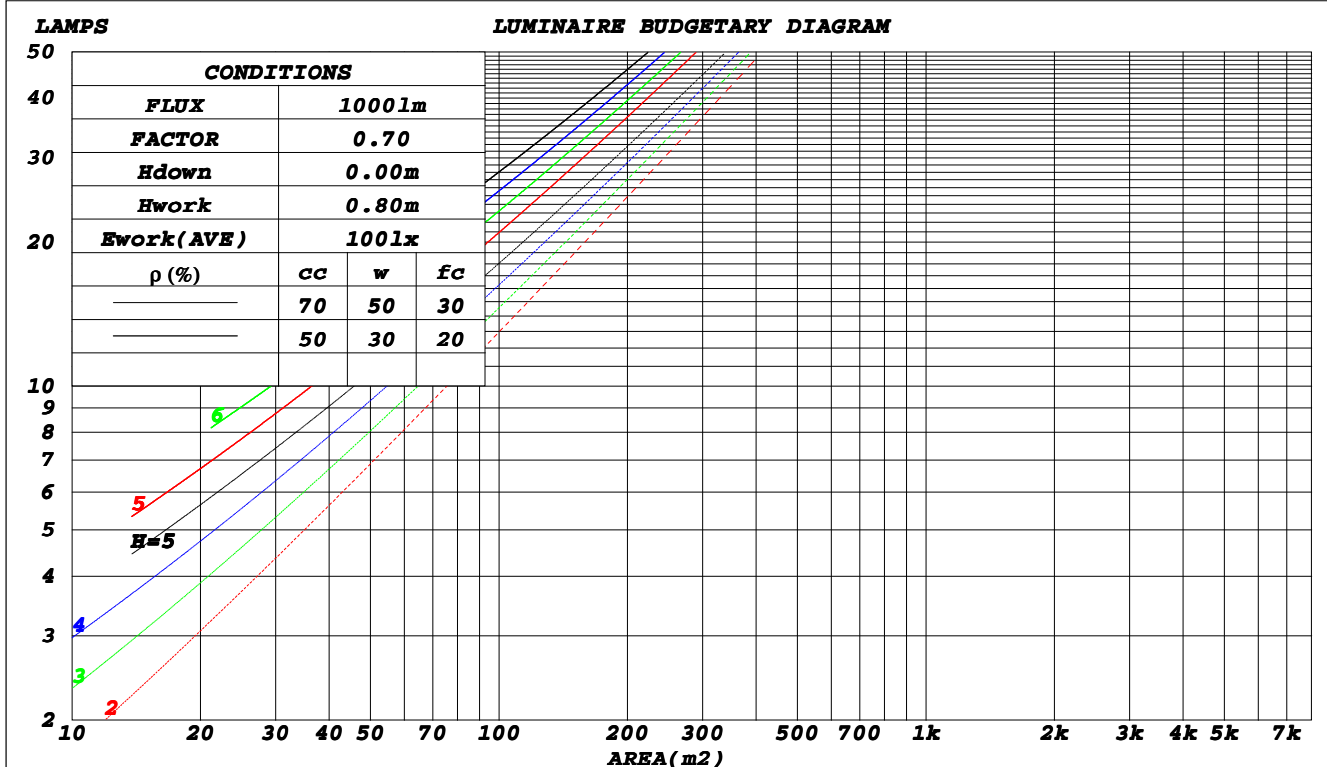
$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-11

$V(B)$ Range:-75 - 75DEG
 $V(B)$ Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.00	.98	.98	.96	.95	.95	.93	.92	.90
2.0	.98	.93	.88	.96	.91	.87	.93	.89	.85	.90	.86	.84	.87	.84	.82	.80
3.0	.89	.82	.77	.87	.81	.77	.84	.79	.75	.82	.78	.74	.80	.76	.73	.71
4.0	.81	.74	.68	.79	.73	.68	.77	.71	.67	.75	.70	.66	.73	.69	.65	.63
5.0	.74	.66	.61	.73	.66	.61	.71	.65	.60	.69	.64	.59	.67	.63	.59	.57
6.0	.68	.60	.55	.67	.60	.55	.65	.59	.54	.64	.58	.54	.62	.57	.53	.52
7.0	.62	.55	.50	.62	.54	.49	.60	.54	.49	.59	.53	.49	.58	.52	.49	.47
8.0	.58	.50	.45	.57	.50	.45	.56	.49	.45	.55	.49	.45	.54	.48	.44	.43
9.0	.54	.46	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.39
10.0	.50	.43	.38	.49	.43	.38	.49	.42	.38	.48	.42	.38	.47	.42	.38	.36



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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9xl lm					
NAME: LED Explosion-proof Light			TYPE:Flood Light		WEIGHT:N/A
SPEC.:300W/5000K/60°			DIM.: 230*530mm		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	.225	.128	.040	.218	.124	.039	.205	.118	.038	.193	.111	.036	.182	.106	.034		
2.0	.220	.120	.037	.214	.118	.036	.203	.113	.035	.192	.108	.034	.183	.104	.033		
3.0	.210	.112	.033	.205	.110	.033	.195	.106	.032	.186	.102	.031	.178	.098	.030		
4.0	.199	.103	.030	.194	.102	.030	.186	.099	.029	.178	.096	.029	.171	.093	.028		
5.0	.188	.096	.028	.184	.094	.028	.177	.092	.027	.170	.090	.027	.163	.087	.026		
6.0	.178	.089	.026	.174	.088	.025	.168	.086	.025	.161	.084	.025	.156	.082	.024		
7.0	.168	.083	.024	.165	.082	.023	.159	.080	.023	.153	.079	.023	.148	.077	.023		
8.0	.159	.078	.022	.156	.077	.022	.151	.075	.022	.146	.074	.021	.141	.073	.021		
9.0	.151	.073	.020	.148	.072	.020	.144	.071	.020	.139	.070	.020	.135	.069	.020		
10.0	.143	.069	.019	.141	.068	.019	.137	.067	.019	.133	.066	.019	.129	.065	.019		

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	.174	.157	.141	.149	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.163	.132	.107	.139	.114	.092	.095	.079	.064	.055	.046	.038	.018	.015	.012	
3.0	.153	.114	.083	.131	.098	.072	.090	.068	.050	.052	.040	.030	.017	.013	.010	
4.0	.144	.100	.066	.124	.086	.057	.085	.060	.040	.049	.035	.024	.016	.011	.008	
5.0	.137	.089	.053	.118	.077	.047	.081	.054	.033	.047	.032	.019	.015	.010	.006	
6.0	.130	.080	.044	.112	.069	.039	.077	.049	.027	.045	.029	.016	.014	.009	.005	
7.0	.124	.073	.037	.106	.063	.033	.074	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.118	.067	.032	.102	.058	.028	.070	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.113	.062	.028	.097	.054	.024	.067	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.108	.058	.025	.093	.050	.021	.064	.035	.015	.038	.021	.009	.012	.007	.003	

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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm										
NAME: LED Explosion-proof Light					TYPE:Flood Light			WEIGHT:N/A		
SPEC.:300W/5000K/60°					DIM.: 230*530mm			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	19.3	20.5	19.5	20.7	20.9	19.6	20.8	19.8	21.0	21.2
3H	19.2	20.3	19.5	20.6	20.8	19.8	21.0	20.1	21.2	21.4
4H	19.1	20.2	19.4	20.4	20.7	19.8	20.9	20.1	21.1	21.3
6H	19.1	20.1	19.4	20.3	20.6	19.7	20.7	20.0	21.0	21.2
8H	19.0	20.0	19.3	20.2	20.5	19.7	20.6	20.0	20.9	21.2
12H	19.0	19.9	19.3	20.2	20.4	19.6	20.5	19.9	20.8	21.1
4H 2H	19.5	20.5	19.8	20.8	21.0	19.7	20.8	20.0	21.0	21.3
3H	19.5	20.4	19.8	20.7	20.9	20.1	21.0	20.4	21.3	21.6
4H	19.4	20.2	19.8	20.5	20.9	20.1	20.9	20.5	21.3	21.6
6H	19.3	20.1	19.7	20.4	20.8	20.0	20.8	20.4	21.1	21.5
8H	19.3	20.0	19.7	20.3	20.7	20.0	20.7	20.4	21.0	21.4
12H	19.2	19.9	19.7	20.2	20.6	19.9	20.6	20.4	20.9	21.3
8H 4H	19.3	20.0	19.7	20.4	20.8	20.0	20.7	20.4	21.0	21.4
6H	19.3	19.8	19.7	20.2	20.7	19.9	20.5	20.4	20.9	21.3
8H	19.2	19.7	19.7	20.2	20.6	19.9	20.4	20.3	20.8	21.2
12H	19.2	19.6	19.7	20.1	20.5	19.9	20.3	20.3	20.7	21.2
12H 4H	19.3	19.9	19.7	20.3	20.7	20.0	20.6	20.4	21.0	21.4
6H	19.2	19.7	19.7	20.1	20.6	19.9	20.4	20.4	20.8	21.2
8H	19.2	19.6	19.7	20.1	20.5	19.9	20.3	20.3	20.7	21.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.6					+ 0.9 / - 1.4				
1.5H	+ 0.4 / - 0.6					+ 0.3 / - 0.9				
2.0H	+ 1.9 / - 6.8					+ 1.8 / - 5.3				

CIE Pub.117, 48014 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 13.5$)
Area: 0.024 m²

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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

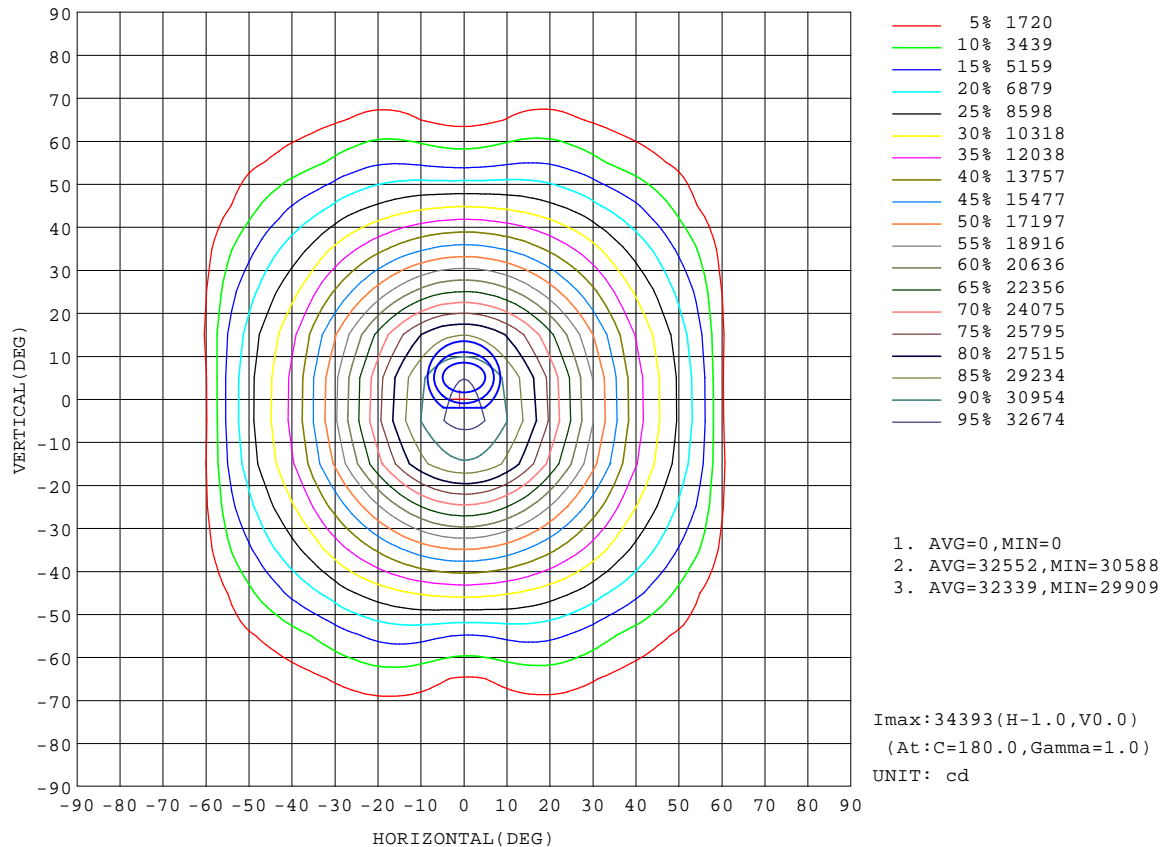
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	70	61	55	69	60	55	68	60	55	49
0.80	80	71	65	79	70	65	77	70	65	59
1.00	87	79	74	86	79	73	85	79	73	67
1.25	94	86	81	92	85	80	90	84	79	74
1.50	98	91	86	96	90	85	94	88	84	78
2.00	103	97	92	101	96	91	98	93	90	83
2.50	105	100	96	104	99	95	100	96	93	86
3.00	108	103	99	106	101	98	102	99	96	89
4.00	111	107	103	108	105	102	104	102	99	91
5.00	112	109	106	110	107	104	106	103	101	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A



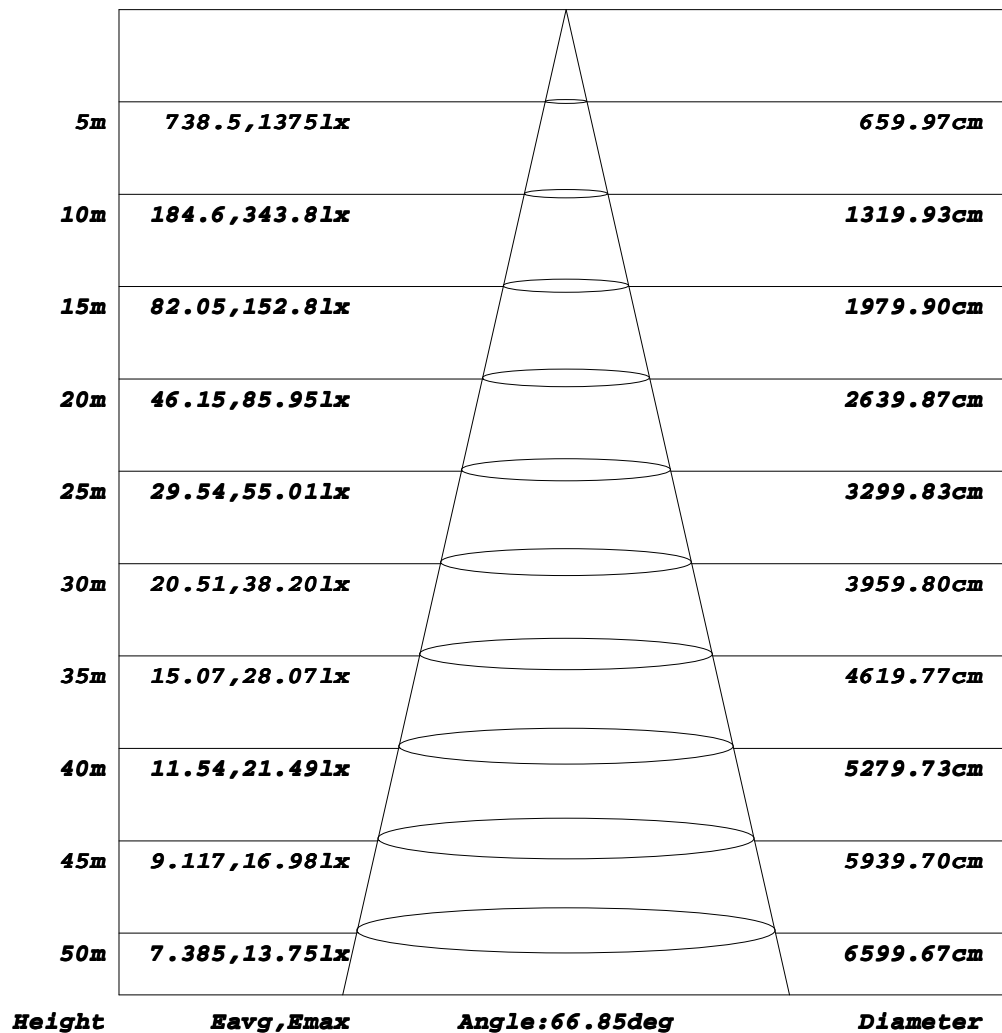
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jessy
Test Date:2024-11-11

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9xl lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

Flux out:25408 lm



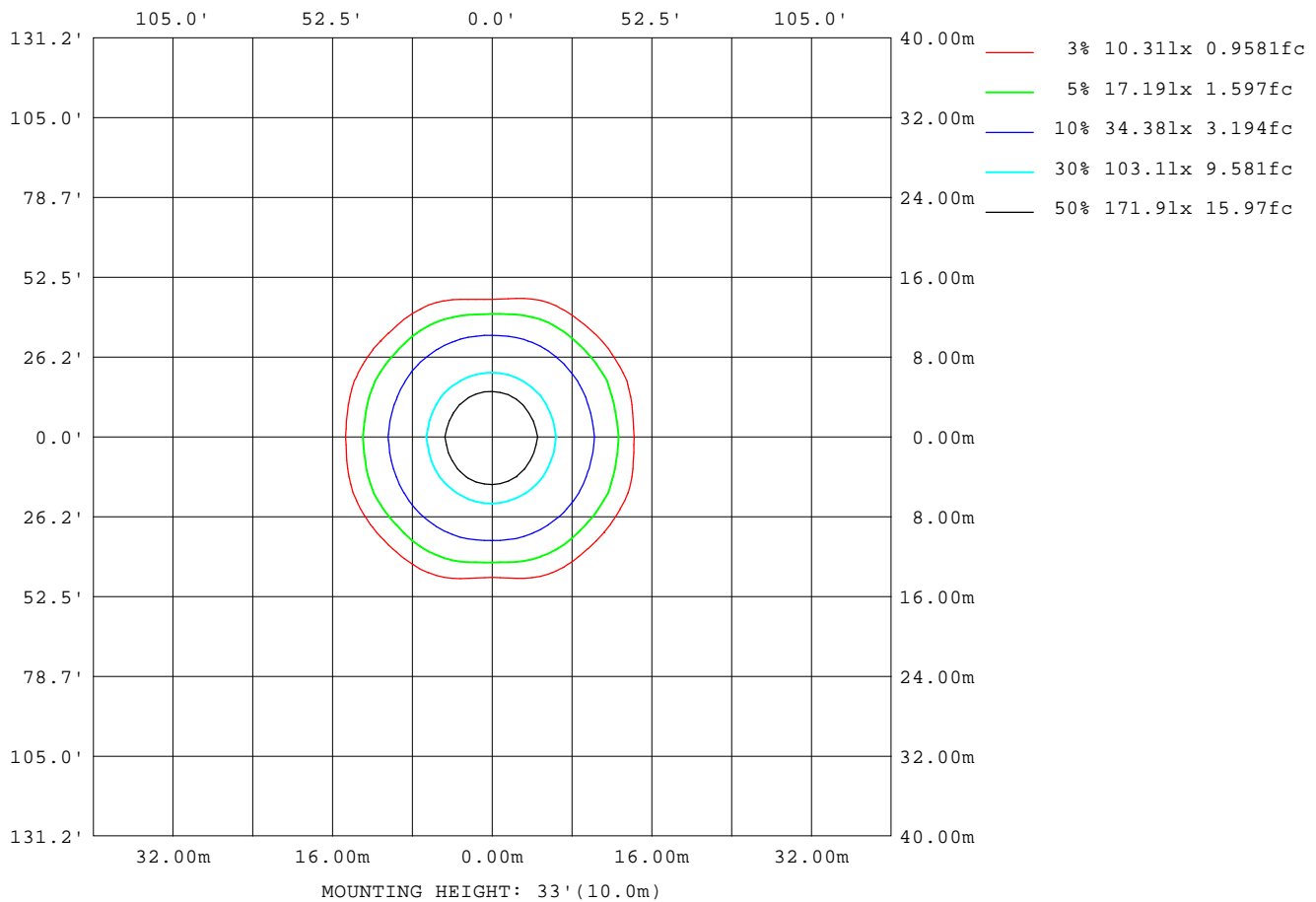
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	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:2024-11-11

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.93V I:2.4321A P:291.49W PF:0.9994 Freq:59.98Hz Lamp Flux:48013.9x1 lm		
NAME: LED Explosion-proof Light	TYPE:Flood Light	WEIGHT:N/A
SPEC.:300W/5000K/60°	DIM.: 230*530mm	SERIAL No.:N/A
MFR.: Grin Industrial Co., Ltd.	SUR.:N/A	Shielding Angle:N/A

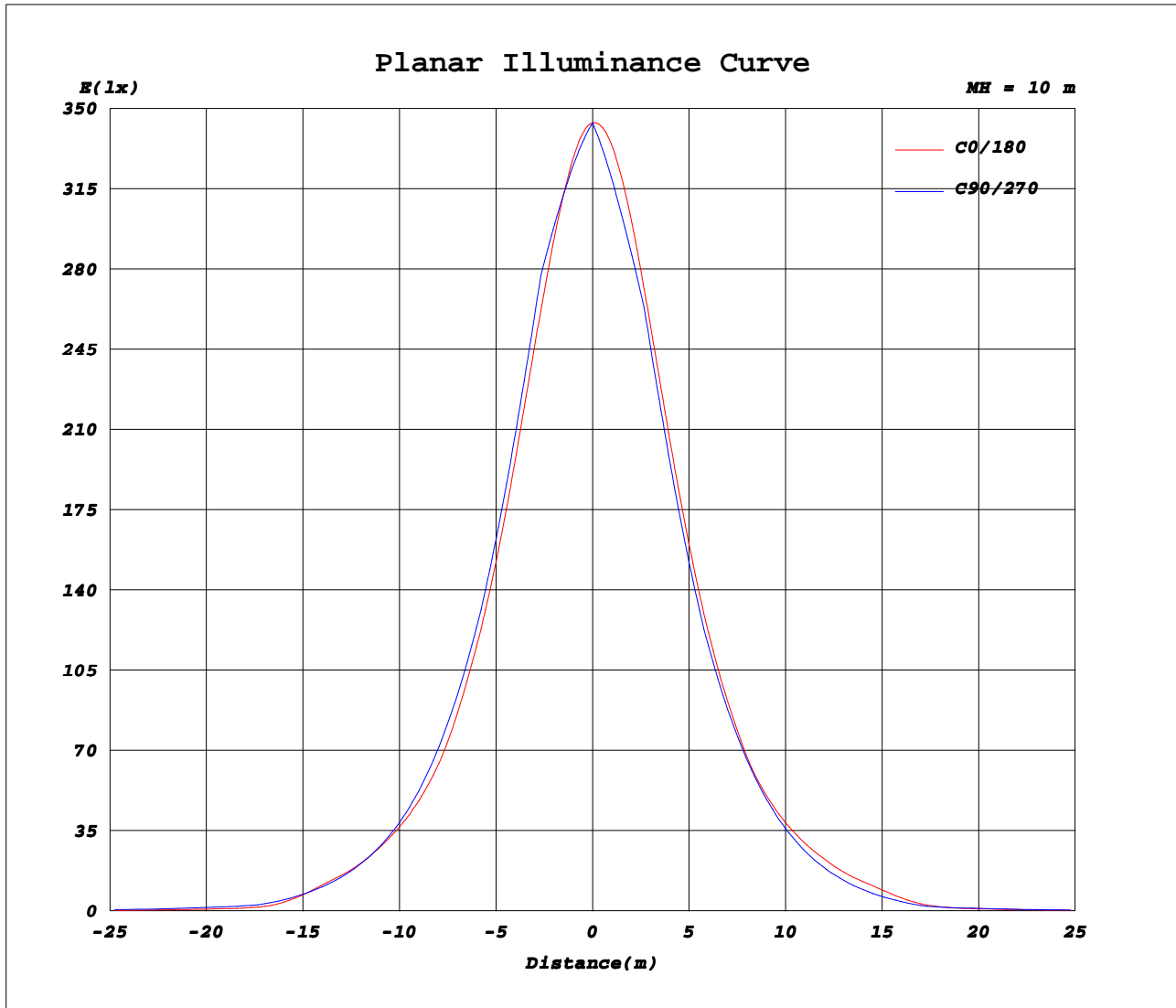
AvgL	cd/m2
L_0~180(65)av	91701
L_0~180(75)av	52574
L_0~180(85)av	17449
L_90~270(65)av	136076
L_90~270(75)av	55087
L_90~270(85)av	0
L_45(65)av	219421
L_45(75)av	83633
L_45(85)av	0

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:2024-11-11

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [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: 2024-11-11

$V(B)$ Range: -75 - 75DEG
 $V(B)$ Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65%
Test Distance: 6.938m [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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	34122	34077	34035	33998	33963	33933	33907	33884	33862	33840
5.0	33554	33480	33415	33360	33316	33281	33255	33239	33225	33213
7.5	32710	32619	32549	32500	32471	32454	32452	32466	32485	32477
10.0	31669	31568	31499	31463	31457	31480	31515	31469	31449	31461
12.5	30419	30320	30271	30271	30307	30314	30242	30217	30235	30294
15.0	29057	28952	28911	28934	28968	28847	28796	28804	28873	29124
17.5	27530	27446	27447	27523	27388	27264	27225	27323	27688	28081
20.0	25855	25799	25844	25884	25669	25557	25620	26047	26518	27017
22.5	24111	24088	24184	24091	23880	23780	24214	24734	25311	25198
25.0	22366	22379	22524	22291	22089	22296	22824	23429	23236	23096
27.5	20653	20701	20850	20521	20351	20870	21480	21393	21196	21108
30.0	18970	19062	19124	18798	18907	19494	19698	19441	19328	19571
32.5	17351	17486	17461	17149	17522	18150	17828	17601	17871	18146
35.0	15701	15931	15836	15613	16229	16373	16064	16216	16525	16599
37.5	14024	14295	14127	14155	14956	14679	14611	14943	15075	15018
40.0	12694	12918	12669	12865	13283	12963	13337	13660	13592	13594
42.5	11495	11745	11422	11797	11795	11653	12107	12156	12229	12390
45.0	10382	10644	10245	10807	10478	10619	10790	10714	11014	11200
47.5	9283	9522	9232	9674	9305	9672	9570	9622	9864	9785
50.0	8062	8338	8209	8429	8360	8544	8470	8617	8511	8428
52.5	6877	7071	7111	7100	7402	7404	7480	7457	7278	7393
55.0	5394	5755	6138	5912	6334	6248	6459	6225	6346	6422
57.5	3071	3697	4734	4818	5184	5288	5205	5221	5440	5264
60.0	1399	1826	2679	3546	3910	4209	4049	4335	4279	4175
62.5	1049	1126	1426	2168	2797	2920	3177	3275	3212	3254
65.0	848.1	871.9	944.8	1235	1797	1931	2242	2343	2381	2280
67.5	681.6	709.0	765.5	868.3	1004	1265	1441	1683	1515	1271
70.0	540.5	580.2	618.7	677.0	725.0	798.9	1037	1025	775.9	963.6
72.5	400.0	455.9	444.5	464.3	536.9	594.9	659.6	579.1	628.1	748.7
75.0	279.2	296.4	323.3	355.5	376.8	419.5	428.4	457.8	465.4	505.0
77.5	189.3	191.2	194.3	207.8	259.7	286.7	319.9	314.0	308.1	317.9
80.0	122.8	117.6	112.3	136.2	158.5	193.7	197.2	190.9	175.6	160.2
82.5	70.61	54.44	59.73	72.09	92.03	103.6	101.6	77.44	50.77	21.55
85.0	27.70	32.02	33.60	38.95	42.53	24.78	0	0	0	0
87.5	5.822	16.58	15.64	0	0	0	0	0	0	0
90.0	5.250	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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	33822	33808	33798	33792	33783	33775	33772	33773	33778	33779
5.0	33210	33207	33201	33202	33195	33190	33187	33179	33181	33173
7.5	32466	32465	32475	32491	32506	32530	32542	32556	32570	32573
10.0	31489	31539	31604	31670	31740	31808	31871	31923	31959	31976
12.5	30385	30535	30729	30906	31058	31182	31275	31333	31357	31351
15.0	29420	29708	29980	30225	30431	30586	30693	30749	30755	30710
17.5	28485	28877	29078	29021	28993	28977	28983	28989	29003	29005
20.0	27193	27107	27062	27045	27058	27096	27140	27196	27251	27288
22.5	25094	25035	25027	25128	25247	25345	25419	25474	25508	25521
25.0	23015	23146	23315	23468	23587	23673	23728	23759	23764	23745
27.5	21328	21538	21718	21835	21860	21893	21928	21971	22008	22020
30.0	19811	19977	19977	19988	20016	20056	20112	20178	20253	20305
32.5	18236	18211	18188	18182	18328	18459	18562	18644	18702	18718
35.0	16559	16521	16639	16777	16901	17002	17074	17127	17151	17134
37.5	15016	15169	15299	15414	15447	15474	15506	15549	15590	15593
40.0	13749	13896	13909	13887	13886	13899	13922	13967	14028	14056
42.5	12538	12472	12417	12372	12392	12412	12419	12439	12473	12486
45.0	11115	11037	11032	11047	11034	10992	10942	10917	10919	10914
47.5	9724	9805	9819	9781	9738	9670	9565	9479	9458	9490
50.0	8598	8686	8654	8613	8547	8415	8222	8049	7997	8079
52.5	7519	7531	7505	7471	7396	7200	6896	6623	6539	6685
55.0	6312	6353	6415	6442	6318	6020	5584	5202	5082	5298
57.5	5174	5317	5424	5446	5255	4877	4339	3829	3620	3861
60.0	4226	4348	4372	4376	4184	3759	3116	2464	2158	2425
62.5	3243	3241	3258	3331	3323	3042	2553	2065	1866	2097
65.0	2147	2231	2552	2799	2783	2525	2097	1699	1573	1810
67.5	1489	1844	2103	2282	2239	2034	1706	1390	1276	1448
70.0	1209	1450	1606	1712	1689	1547	1317	1082	979.3	1079
72.5	878.4	1016	1108	1165	1140	1034	881.6	738.5	685.3	746.3
75.0	575.0	643.5	677.6	659.7	594.3	511.7	435.1	391.5	391.4	412.0
77.5	333.3	313.2	308.0	293.0	265.3	239.4	213.0	195.5	195.7	206.2
80.0	146.9	126.5	105.7	78.75	50.81	28.26	11.99	2.874	0	3.032
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 - 90DEGH(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-11

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.938m [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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	33785	33796	33811	33828	33845	33866	33893	33923	33959	33996
5.0	33175	33174	33179	33189	33200	33222	33248	33281	33327	33381
7.5	32571	32570	32556	32545	32526	32507	32489	32469	32471	32519
10.0	31979	31968	31942	31904	31857	31792	31723	31657	31589	31537
12.5	31320	31271	31210	31143	31074	31011	30917	30785	30663	30546
15.0	30627	30518	30386	30236	30091	29968	29866	29781	29679	29456
17.5	29010	29000	28989	28969	28984	28872	28654	28466	28322	28233
20.0	27313	27325	27312	27295	27300	27257	27193	27031	26808	26660
22.5	25526	25532	25544	25589	25641	25550	25441	25331	25235	25024
25.0	23717	23689	23674	23692	23709	23750	23758	23611	23473	23359
27.5	22008	21969	21907	21798	21752	21769	21829	21934	21790	21616
30.0	20333	20325	20280	20181	20044	19886	19891	19986	20125	19974
32.5	18715	18702	18663	18510	18367	18188	18111	18123	18243	18421
35.0	17108	17073	17026	16981	16953	16934	16765	16556	16453	16611
37.5	15583	15546	15465	15367	15353	15356	15386	15235	14979	14925
40.0	14082	14093	14060	13991	13890	13806	13850	13923	13764	13477
42.5	12531	12594	12647	12679	12622	12517	12374	12441	12577	12287
45.0	10972	11061	11156	11253	11335	11344	11223	11034	11118	11129
47.5	9605	9724	9786	9838	9963	10070	10134	9923	9634	9783
50.0	8296	8530	8685	8750	8741	8776	8835	8849	8608	8536
52.5	7011	7350	7593	7727	7739	7693	7510	7600	7676	7525
55.0	5742	6178	6474	6629	6687	6694	6510	6447	6547	6620
57.5	4424	4999	5375	5526	5542	5568	5531	5488	5452	5493
60.0	3108	3831	4311	4513	4472	4399	4403	4502	4515	4351
62.5	2615	3134	3457	3541	3480	3415	3332	3400	3555	3498
65.0	2256	2664	2898	2932	2745	2522	2401	2414	2502	2689
67.5	1807	2145	2331	2336	2173	1992	1728	1535	1652	1806
70.0	1338	1604	1769	1799	1687	1522	1298	1127	970.1	1131
72.5	902.7	1074	1204	1268	1236	1140	985.9	835.0	728.7	701.5
75.0	466.6	543.2	635.2	718.6	750.7	743.8	700.4	624.8	547.7	519.7
77.5	230.4	256.9	286.8	317.9	333.2	346.3	396.2	399.6	386.4	384.1
80.0	12.97	30.32	54.95	85.41	114.3	139.6	171.0	193.3	213.7	239.7
82.5	0	0	0	0	0	0	0	26.03	61.63	96.08
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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	34034	34077	34123	34172	34225	34279	34336	34258	34181	34108
5.0	33441	33514	33599	33695	33800	33915	34037	33876	33723	33579
7.5	32583	32672	32784	32912	33064	33236	33429	33183	32957	32752
10.0	31497	31587	31706	31863	32057	32286	32548	32216	31918	31654
12.5	30433	30338	30397	30576	30803	31085	31419	31006	30643	30335
15.0	29252	29073	28939	29078	29343	29681	30088	29596	29173	28820
17.5	27983	27717	27503	27433	27724	28107	28580	28019	27548	27165
20.0	26589	26304	26000	25773	25987	26408	26936	26318	25807	25498
22.5	24902	24860	24471	24165	24195	24644	25216	24554	24014	23884
25.0	23186	23123	22940	22562	22389	22862	23478	22775	22212	22283
27.5	21470	21372	21399	20965	20625	21069	21716	20986	20455	20692
30.0	19772	19633	19393	18995	19299	19959	19221	18832	18331	18131
32.5	18165	17946	17923	17892	17436	17597	18260	17525	17284	17645
35.0	16682	16414	16311	16414	15955	15952	16634	15889	15815	16186
37.5	15130	15004	14721	14767	14380	14198	14928	14141	14258	14573
40.0	13485	13606	13105	13083	12938	12698	13295	12638	12816	12900
42.5	11864	12044	11876	11781	11811	11476	12058	11415	11684	11592
45.0	10715	10694	10823	10619	10779	10336	10906	10275	10650	10428
47.5	9811	9492	9773	9570	9698	9325	9840	9263	9568	9382
50.0	8829	8577	8592	8577	8585	8234	8766	8175	8461	8396
52.5	7580	7744	7337	7508	7283	7057	7482	7003	7168	7340
55.0	6405	6629	6252	6427	6053	5872	6303	5845	5977	6274
57.5	5470	5325	5415	5097	4283	4068	4357	4126	4372	5013
60.0	4484	4231	4407	3329	2653	2252	2113	2356	2820	3398
62.5	3313	3328	2843	2074	1640	1355	1255	1405	1745	2166
65.0	2425	2240	1738	1492	1134	1022	1012	1022	1161	1526
67.5	1827	1309	1245	980.5	831.4	803.3	820.7	793.4	820.0	988.9
70.0	1157	1006	819.6	688.3	637.8	631.4	662.6	621.6	622.9	669.3
72.5	745.3	682.8	609.6	566.4	531.3	476.0	518.8	465.9	515.9	546.3
75.0	517.7	484.9	453.8	383.7	358.3	356.0	374.0	351.2	358.5	377.4
77.5	366.1	346.0	299.6	276.6	228.7	235.1	257.4	245.7	246.9	279.1

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-11

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	253.0	229.0	194.9	148.2	122.9	120.0	172.5	150.1	151.0	159.7
82.5	123.2	134.0	119.5	89.10	75.01	60.65	106.2	83.54	86.33	94.12
85.0	0	29.93	47.79	49.60	37.34	29.94	45.29	32.36	32.37	45.08
87.5	0	0	0	0	9.908	13.09	11.43	8.564	4.620	0
90.0	0	0	0	0	0	0	4.422	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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	34037	33971	33908	33851	33796	33744	33697	33657	33622	33595
5.0	33445	33322	33212	33116	33025	32944	32877	32819	32768	32732
7.5	32572	32408	32267	32152	32054	32002	31969	31933	31901	31871
10.0	31429	31243	31092	31069	31057	31060	31059	31061	31056	31030
12.5	30075	29931	29938	29967	30010	30065	30122	30138	30128	30118
15.0	28590	28622	28698	28797	28914	28926	28934	28966	29015	29073
17.5	27134	27241	27393	27526	27506	27537	27611	27717	27774	27731
20.0	25619	25810	25981	25942	25973	26066	26118	26105	26091	26059
22.5	24082	24357	24293	24301	24386	24400	24419	24435	24444	24362
25.0	22550	22625	22580	22634	22675	22729	22784	22691	22572	22488
27.5	21017	20891	20877	20941	21037	21098	20925	20788	20683	20637
30.0	19272	19174	19222	19351	19424	19221	19052	18965	19014	19035
32.5	17588	17514	17666	17847	17613	17416	17397	17467	17500	17488
35.0	16005	16030	16226	16101	15888	15906	16004	16051	16003	15959
37.5	14453	14660	14722	14467	14456	14618	14666	14555	14484	14446
40.0	12865	13296	13124	13061	13267	13341	13193	13082	13085	13131
42.5	11632	11752	11523	11893	12101	11903	11768	11829	11856	11867
45.0	10577	10403	10371	10740	10676	10526	10629	10672	10608	10490
47.5	9535	9205	9460	9387	9206	9418	9545	9421	9278	9117
50.0	8368	8301	8482	8154	8170	8345	8269	8147	8080	8048
52.5	7127	7475	7260	7152	7241	7104	6955	7088	7100	7043
55.0	6059	6372	6108	6257	6129	5966	5976	6113	6075	5980
57.5	5238	5083	5176	5147	5055	5038	5021	5016	4966	4915
60.0	4273	3999	4185	4020	4156	4089	3930	3884	3923	3919
62.5	2821	3103	3011	3201	3237	3038	2896	2916	2953	2970
65.0	1739	2061	2156	2438	2235	2095	1989	2048	2277	2456
67.5	1226	1191	1619	1612	1425	1249	1374	1605	1787	1947
70.0	789.6	924.3	1030	991.0	786.3	904.6	1028	1218	1377	1488
72.5	578.8	637.7	672.2	607.9	601.2	663.8	776.6	906.9	1002	1035
75.0	429.7	453.1	469.4	454.2	452.7	491.8	545.8	585.6	595.9	566.8
77.5	284.6	320.0	329.7	330.6	315.4	309.4	299.7	263.2	251.8	237.5
80.0	186.0	206.3	221.0	199.8	169.5	146.4	126.0	105.6	86.33	63.93
82.5	109.9	113.3	99.74	76.85	48.57	19.79	0	0	0	0
85.0	37.20	23.59	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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	33568	33545	33529	33519	33516	33511	33512	33520	33534	33551
5.0	32700	32678	32665	32654	32657	32655	32666	32676	32694	32717
7.5	31844	31826	31805	31788	31778	31762	31754	31754	31752	31763
10.0	31005	30982	30958	30930	30899	30859	30816	30774	30735	30703
12.5	30099	30080	30068	30058	30041	30008	29957	29889	29803	29703
15.0	29133	29155	29158	29175	29184	29160	29110	29036	28926	28791
17.5	27690	27622	27545	27493	27465	27437	27424	27420	27444	27498
20.0	26023	25958	25864	25800	25747	25690	25636	25605	25596	25621
22.5	24272	24203	24119	24074	24044	24015	23967	23917	23859	23801
25.0	22427	22392	22358	22340	22340	22349	22326	22302	22255	22210
27.5	20669	20676	20662	20642	20630	20618	20591	20589	20600	20642
30.0	19045	19026	18986	18954	18920	18880	18849	18822	18853	18886
32.5	17472	17466	17465	17464	17463	17436	17383	17309	17248	17167
35.0	15943	15949	15967	15979	16006	16011	15982	15940	15901	15836
37.5	14482	14518	14538	14542	14543	14529	14512	14511	14530	14541
40.0	13150	13147	13130	13110	13081	13043	13025	13041	13075	13106
42.5	11804	11732	11676	11640	11631	11608	11609	11641	11668	11689
45.0	10375	10288	10215	10170	10181	10177	10215	10297	10380	10434
47.5	9051	8977	8860	8770	8753	8787	8891	9026	9139	9233
50.0	7947	7769	7545	7376	7326	7404	7594	7816	7986	8100
52.5	6862	6581	6245	5988	5905	6020	6302	6636	6876	6982
55.0	5766	5406	4956	4606	4483	4639	5021	5481	5819	5967
57.5	4683	4217	3633	3192	3069	3308	3810	4372	4780	4981
60.0	3623	3035	2311	1780	1654	1985	2621	3289	3733	3913
62.5	2821	2418	1904	1526	1421	1650	2119	2622	2908	2865
65.0	2376	2072	1652	1315	1187	1348	1730	2164	2427	2403
67.5	1910	1668	1322	1053	966.5	1103	1404	1735	1942	1951
70.0	1436	1235	972.4	787.3	745.5	857.9	1080	1311	1453	1451

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-11

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	962.1	816.5	653.2	544.4	519.3	578.4	711.1	859.9	964.1	975.6
75.0	485.5	399.1	332.9	300.7	293.0	295.7	330.9	397.1	478.8	539.4
77.5	209.5	185.5	163.9	150.4	146.5	147.5	160.0	179.2	203.7	230.4
80.0	40.15	21.90	9.224	2.212	0	2.168	9.004	21.16	39.07	61.99
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	34376	34376	34376	34376	34376	34376	34376	34376	34376	34376
2.5	33568	33590	33618	33651	33690	33731	33773	33820	33872	33928
5.0	32737	32768	32799	32834	32881	32932	32988	33055	33133	33222
7.5	31780	31809	31853	31911	31971	32010	32057	32122	32203	32298
10.0	30683	30677	30692	30733	30794	30889	31012	31059	31118	31208
12.5	29599	29491	29429	29426	29463	29541	29662	29827	29918	29980
15.0	28644	28481	28310	28144	28022	28065	28165	28321	28545	28618
17.5	27587	27481	27245	26997	26753	26535	26566	26722	26957	27198
20.0	25681	25779	25916	25846	25521	25223	24965	25033	25256	25573
22.5	23770	23836	23944	24102	24284	23908	23561	23282	23490	23799
25.0	22135	22042	21989	22143	22352	22615	22186	21799	21708	22007
27.5	20602	20496	20387	20264	20429	20688	20845	20371	19972	20237
30.0	18933	18993	18919	18782	18631	18805	19108	18987	18516	18515
32.5	17215	17300	17389	17389	17208	17016	17283	17635	17132	16866
35.0	15741	15656	15769	15886	15892	15660	15570	15904	15831	15326
37.5	14475	14379	14278	14358	14485	14421	14134	14240	14550	13884
40.0	13161	13175	13083	12990	13051	13153	12872	12587	12947	12641
42.5	11753	11834	11935	11844	11709	11666	11693	11348	11539	11599
45.0	10445	10482	10593	10700	10526	10311	10453	10352	10267	10627
47.5	9293	9311	9255	9350	9432	9282	9284	9432	9118	9512
50.0	8172	8241	8167	8050	8172	8319	8219	8326	8166	8270
52.5	7040	7118	7124	7068	6999	7197	7246	7159	7196	6941
55.0	5960	5941	5966	6137	6098	5985	6244	6024	6145	5730
57.5	4971	4910	4856	5009	5214	5008	4981	5083	4954	4582
60.0	3930	3948	3912	3949	4067	4139	3845	3996	3643	3324
62.5	2836	2864	2943	3049	3048	3111	2967	2712	2584	2011
65.0	2175	1883	1892	2113	2255	2212	2059	1768	1658	1144
67.5	1788	1553	1279	1153	1439	1592	1322	1157	938.7	811.8
70.0	1359	1218	1038	869.0	744.3	979.2	963.3	750.2	688.6	638.5
72.5	928.7	850.3	756.2	674.4	599.1	566.7	627.4	566.1	510.7	442.6
75.0	559.6	535.3	496.2	456.3	440.7	444.2	416.1	398.7	358.6	343.7
77.5	246.1	255.7	282.4	282.5	286.0	299.6	307.4	270.7	251.6	216.4
80.0	84.49	103.3	122.3	136.1	152.3	175.4	184.2	181.3	157.9	149.9
82.5	0	0	0	18.33	43.62	68.29	89.81	94.93	89.81	82.06
85.0	0	0	0	0	0	0	0	22.18	36.25	36.21
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	34376	34376								
2.5	33989	34054								
5.0	33322	33433								
7.5	32414	32551								
10.0	31329	31482								
12.5	30078	30224								
15.0	28702	28848								
17.5	27234	27341								
20.0	25638	25697								
22.5	23990	23992								
25.0	22332	22284								
27.5	20659	20606								
30.0	18934	18967								
32.5	17271	17390								
35.0	15645	15834								
37.5	13963	14210								
40.0	12535	12848								
42.5	11305	11685								
45.0	10140	10590								
47.5	9127	9468								
50.0	8089	8278								
52.5	7001	7013								
55.0	5981	5658								
57.5	4523	3610								
60.0	2536	1778								
62.5	1354	1081								

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

Test Speed: HIGH

Temperature:25.3DEG

Operators:Jessy

Test Date:2024-11-11

V(B) Range:-75 - 75DEG

V(B) Interval: 5.0DEG

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

Humidity:65%

Test Distance:6.938m [K=1.0000]

Remarks:

Photometric Data Table [cd]

65.0	898.1	849.8
67.5	730.8	693.0
70.0	592.1	567.9
72.5	426.2	445.1
75.0	313.8	291.8
77.5	206.3	195.7
80.0	142.9	139.3
82.5	75.97	79.02
85.0	33.27	37.38
87.5	8.805	10.33
90.0	0	0

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

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65%
Test Distance:6.938m [K=1.0000]
Remarks: