

TEST REPORT

Report reference No.....	GEN2026112.01								
Product.....	LED Grille Light								
Family Name.....	GR30								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: GR30-T5B SWH/GBK 3000K[CRI90] ZD24D (LS-12-300 SI2 E)									
Declared data									
Rated Input	Rated Power (W)	No. of LEDs (PCS)	Rated Total Lumen (lm)	Rated Useful Lumen (lm)	Energy class	Imax (cd)	Life (hr)	Tc (K)	Beam angle (°)
AC220-240V	12.5	5	750	740	F	2580	50000	3000K	24
Power supply	LS-12-300 SI2 E								
Light model	SMD LED LS-125x20-5C-3030 SAMSUNG3030, 6V 300mA 2W, 3000K, L125xW20<CRI90>, 1000LM								

Light Output Ratio:	75%	
Luminaire Power:	11.5W	
SUR.:	0.00325 m²	
SHR Nominal:	0.50	Calculated using the TM5
SHR Maximum:	0.60	fine grid method.

H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Judy
 Test Date: 2025-02-21

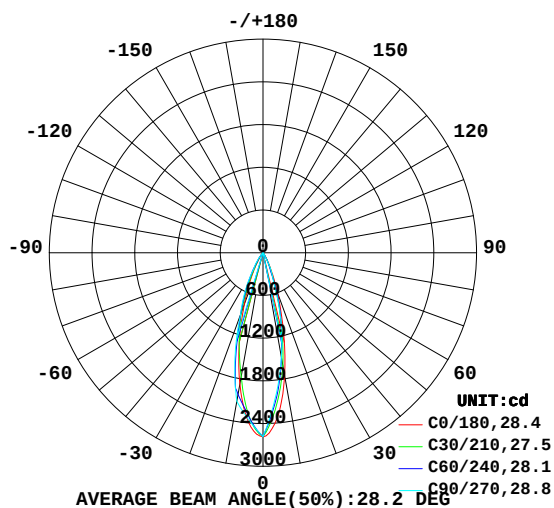
V(B) Range: -90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.262
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

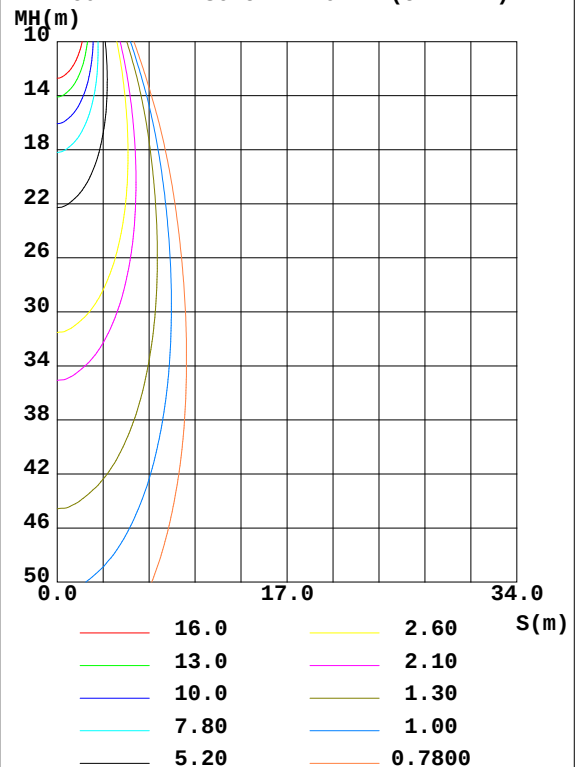
Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026112.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 65.52 lm/W			
MODEL	LS-125x20-5C-3030 6V	I _{max} (cd)	2583	S/MH(C0/180)	0.49
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	30	TOTAL FLUX(lm)	753.50	η UP, DN(C0-180)	0.0, 41.3
NOMINAL FLUX(lm)	150.701	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 58.7
LAMPS INSIDE	5	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.50

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:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [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
5	2324	2109	2034	2082	2381	2291	2350	2321	0- 5	56.42	56.42	7.49, 7.49
10	1750	1538	1493	1526	1874	1890	2121	1891	5- 10	140.5	197.0	26.1, 26.1
15	1095	932.1	966.6	1046	1283	1457	1523	1316	10- 15	171.6	368.6	48.9, 48.9
20	586.0	531.4	438.7	561.7	767.3	864.7	920.0	836.7	15- 20	150.3	518.9	68.9, 68.9
25	278.9	218.0	250.1	256.6	412.8	511.6	594.3	440.9	20- 25	105.9	624.8	82.9, 82.9
30	108.1	83.47	60.60	105.0	183.5	268.4	265.1	214.9	25- 30	64.62	689.4	91.5, 91.5
35	42.46	39.88	37.21	44.99	76.16	110.8	148.3	94.39	30- 35	31.91	721.3	95.7, 95.7
40	18.93	17.35	13.72	20.86	29.59	45.77	29.80	31.27	35- 40	15.73	737.1	97.8, 97.8
45	10.45	11.93	9.312	12.86	13.67	22.64	18.46	19.16	40- 45	7.343	744.4	98.8, 98.8
50	5.931	6.936	4.889	7.922	7.078	12.18	7.083	9.971	45- 50	4.302	748.7	99.4, 99.4
55	3.110	4.600	2.981	4.565	3.669	6.371	4.403	6.382	50- 55	2.525	751.2	99.7, 99.7
60	1.181	2.338	1.075	2.377	1.602	3.152	1.733	3.160	55- 60	1.441	752.7	99.9, 99.9
65	0.0245	0.9218	0.5403	0.8547	0.1441	1.301	0.8654	1.443	60- 65	0.6310	753.3	100, 100
70	0.0152	0.0747	0.0076	0.1075	0.0265	0.2946	0	0.2833	65- 70	0.1777	753.5	100, 100
75	0.0152	0.0118	0.0038	0.0123	0.0227	0.0156	0	0.0230	70- 75	0.0185	753.5	100, 100
80	0.0152	0.0030	0	0.0030	0.0190	0	0	0	75- 80	0.0024	753.5	100, 100
85	0.0152	0	0	0	0.0133	0	0	0	80- 85	0.0012	753.5	100, 100
90	0.0152	0	0	0	0	0	0	0	85- 90	0.0003	753.5	100, 100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 744.4 lm

%lum = 98.8%

%lamp = 98.8%

Conical surface Flux(120deg): 752.67 lm

%lum = 99.9%

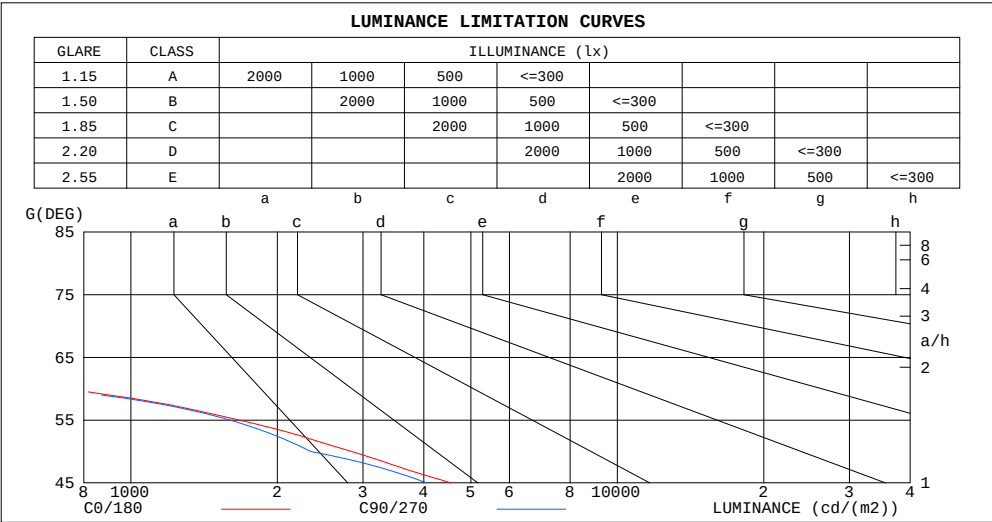
%lamp = 99.9%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2025-02-21

$V(B)$ Range:-90 - 90DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	54	0
80	27	0
75	18	5
70	14	7
65	18	393
60	727	661
55	1668	1599
50	2839	2340
45	4547	4052

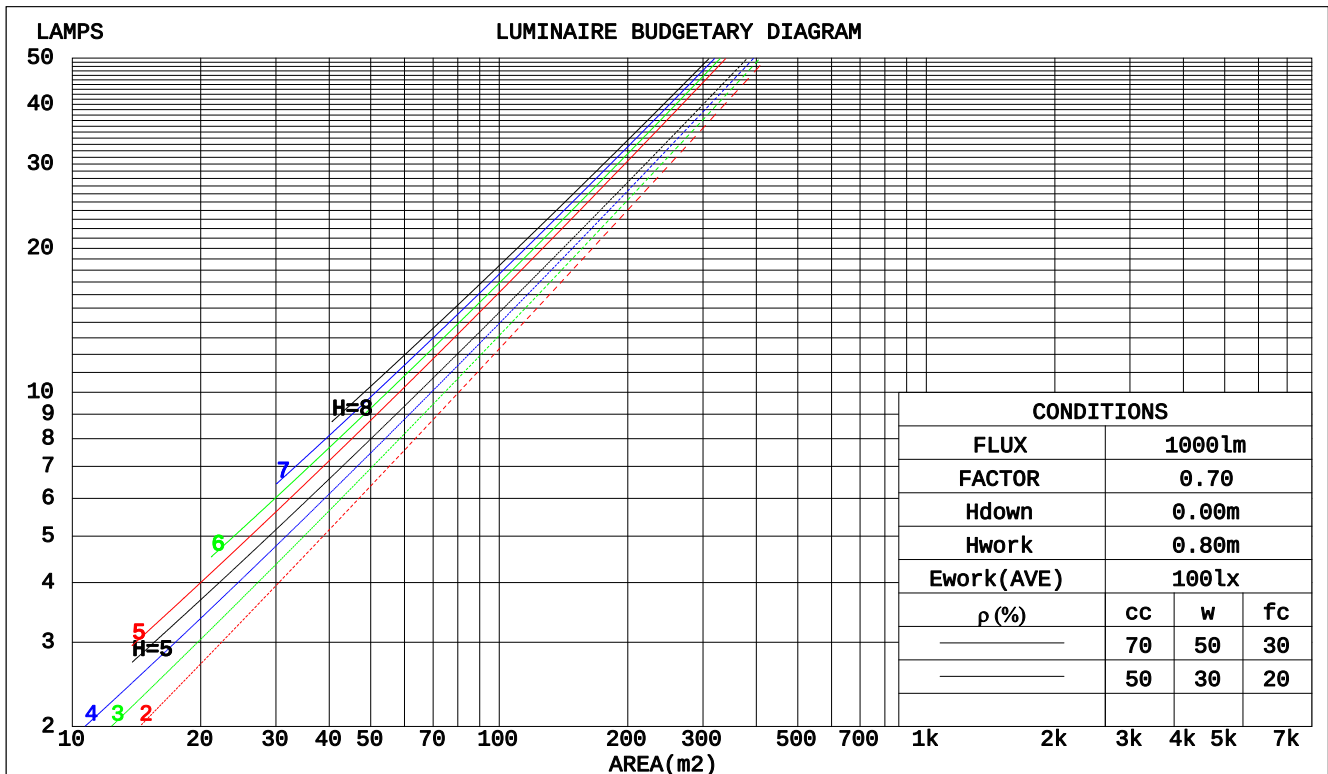
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V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
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SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.01	1.00	.99	.98	.98	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88
4.0	.97	.92	.89	.96	.92	.88	.94	.90	.87	.92	.89	.86	.90	.88	.86	.84
5.0	.92	.88	.85	.92	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.81	.77	.85	.80	.77	.83	.80	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.72
9.0	.79	.74	.71	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.71	.70
10.0	.76	.72	.69	.76	.72	.69	.75	.71	.69	.75	.71	.68	.74	.71	.68	.67



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.701x5 lm								
NAME: LED Grille Light				TYPE:recessed			WEIGHT:	
SPEC.:12.5W				DIM.: L146*W45*H43mm			SERIAL No.:GEN2026109.01	
MFR.: KOE Lighting Ltd.				SUR.:W25XL26X5			Shielding Angle:	

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	.147	.084	.027	.140	.080	.025	.128	.073	.023	.117	.067	.022	.106	.061	.020	
2.0	.138	.076	.023	.132	.073	.022	.122	.068	.021	.113	.063	.020	.104	.059	.019	
3.0	.130	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.122	.064	.019	.118	.062	.018	.111	.059	.018	.104	.056	.017	.098	.053	.016	
5.0	.116	.059	.017	.112	.058	.017	.106	.055	.016	.100	.053	.016	.095	.051	.015	
6.0	.110	.055	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	.092	.048	.014	
7.0	.105	.052	.015	.102	.051	.015	.098	.049	.014	.093	.048	.014	.089	.046	.014	
8.0	.100	.049	.014	.098	.048	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013	
9.0	.096	.046	.013	.094	.046	.013	.090	.045	.013	.087	.044	.012	.083	.042	.012	
10.0	.092	.044	.012	.090	.044	.012	.087	.043	.012	.084	.042	.012	.081	.041	.012	

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	.169	.158	.147	.145	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.099	.074	.056	.068	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.107	.076	.054	.092	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.040	.081	.053	.035	.056	.038	.024	.032	.022	.015	.011	.007	.005	
9.0	.088	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.051	.030	.072	.045	.026	.050	.031	.019	.029	.019	.011	.009	.006	.004	

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2025-02-21

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm											
NAME: LED Grille Light					TYPE:recessed			WEIGHT:			
SPEC.:12.5W					DIM.: L146*W45*H43mm			SERIAL No.:GEN2026109.01			
MFR.: KOE Lighting Ltd.					SUR.:W25XL26X5			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise				Viewed endwise					
x = 2H y = 2H		9.0	9.7	9.2	9.8	10.0	7.6	8.3	7.8	8.5	8.6
	3H	8.8	9.5	9.0	9.7	9.9	7.4	8.1	7.7	8.3	8.5
	4H	8.7	9.4	9.0	9.6	9.8	7.4	8.0	7.6	8.2	8.4
	6H	8.6	9.2	8.9	9.5	9.7	7.3	7.9	7.6	8.1	8.4
	8H	8.6	9.2	8.9	9.4	9.7	7.2	7.8	7.5	8.1	8.3
	12H	8.5	9.1	8.9	9.4	9.6	7.2	7.8	7.5	8.0	8.3
4H	2H	8.8	9.4	9.1	9.7	9.9	7.5	8.1	7.7	8.3	8.5
	3H	8.6	9.2	8.9	9.4	9.7	7.3	7.9	7.6	8.1	8.4
	4H	8.5	9.0	8.9	9.3	9.6	7.2	7.7	7.6	8.0	8.3
	6H	8.4	8.9	8.8	9.2	9.5	7.1	7.6	7.5	7.9	8.2
	8H	8.4	8.8	8.8	9.1	9.5	7.1	7.5	7.4	7.8	8.2
	12H	8.3	8.7	8.7	9.1	9.5	7.0	7.4	7.4	7.8	8.1
8H	4H	8.4	8.8	8.8	9.1	9.5	7.1	7.5	7.4	7.8	8.2
	6H	8.3	8.6	8.7	9.0	9.4	6.9	7.3	7.4	7.7	8.1
	8H	8.2	8.5	8.7	8.9	9.4	6.9	7.2	7.3	7.6	8.0
	12H	8.1	8.4	8.6	8.8	9.3	6.8	7.1	7.3	7.5	8.0
12H	4H	8.3	8.7	8.7	9.1	9.5	7.0	7.4	7.4	7.8	8.1
	6H	8.2	8.5	8.7	8.9	9.4	6.9	7.2	7.3	7.6	8.0
	8H	8.1	8.4	8.6	8.8	9.3	6.8	7.1	7.3	7.5	8.0
Variations with the observer position at spacings:											
S = 1.0H	+ 2.8 / - 6.9					+ 2.8 / - 6.4					
1.5H	+ 4.1 / - 3.7					+ 4.1 / - 4.1					
2.0H	+ 4.2 / - 7.6					+ 3.9 / - 7.4					

CIE Pub.117, 753.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)

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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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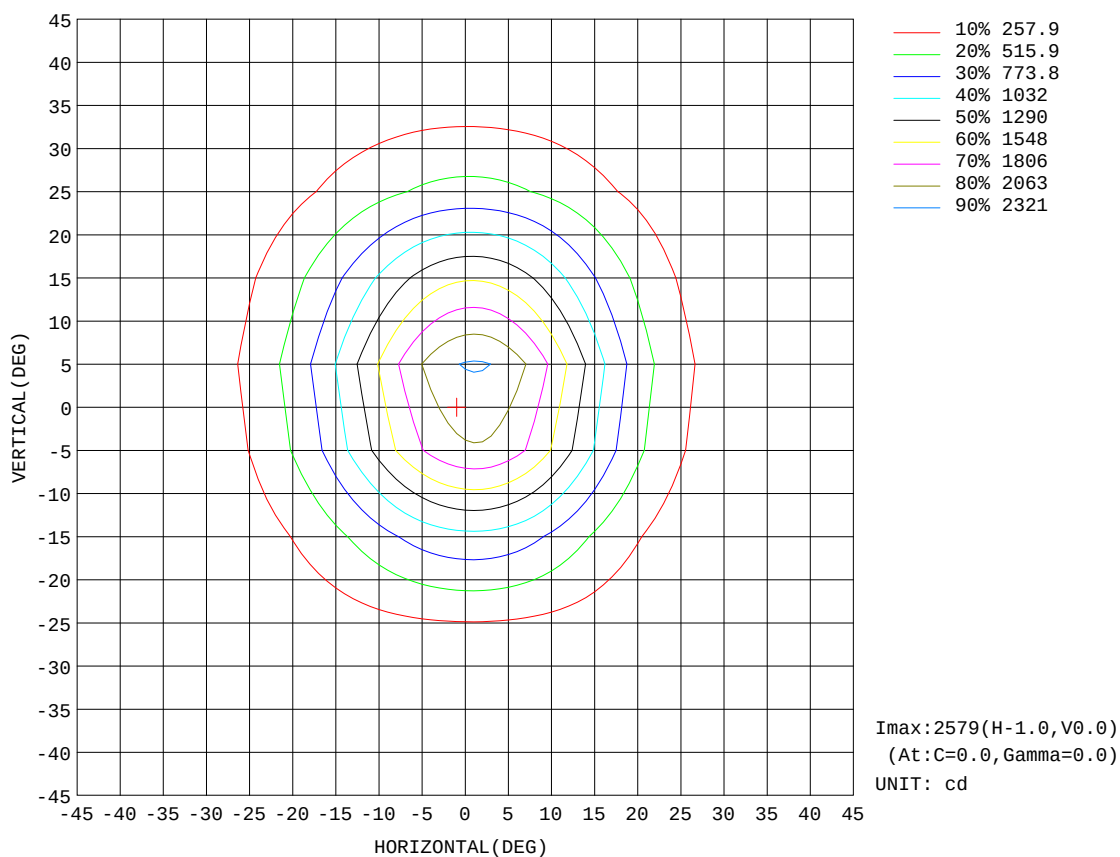
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	90	84	81	89	84	81	77
0.80	97	92	89	97	92	88	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	114	112	113	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

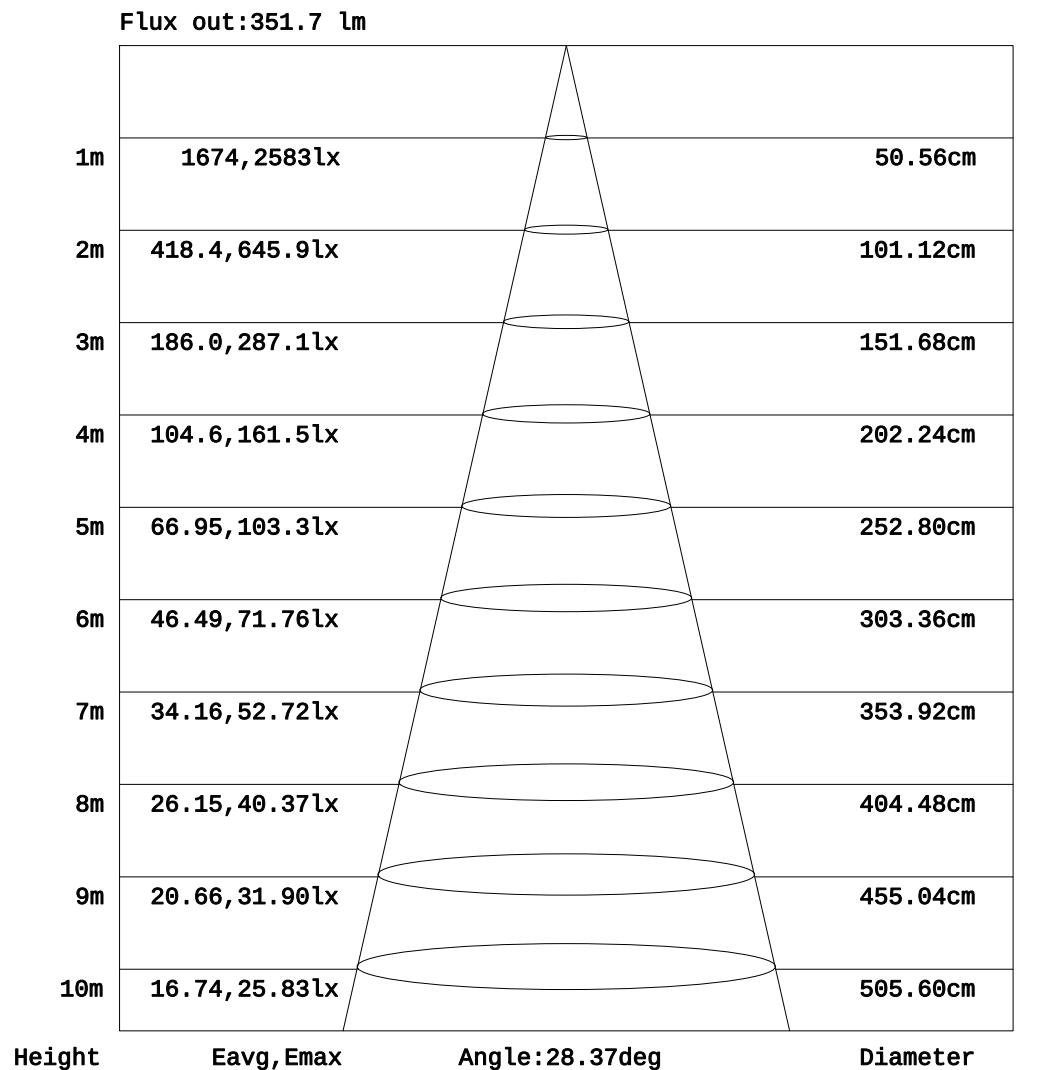


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:



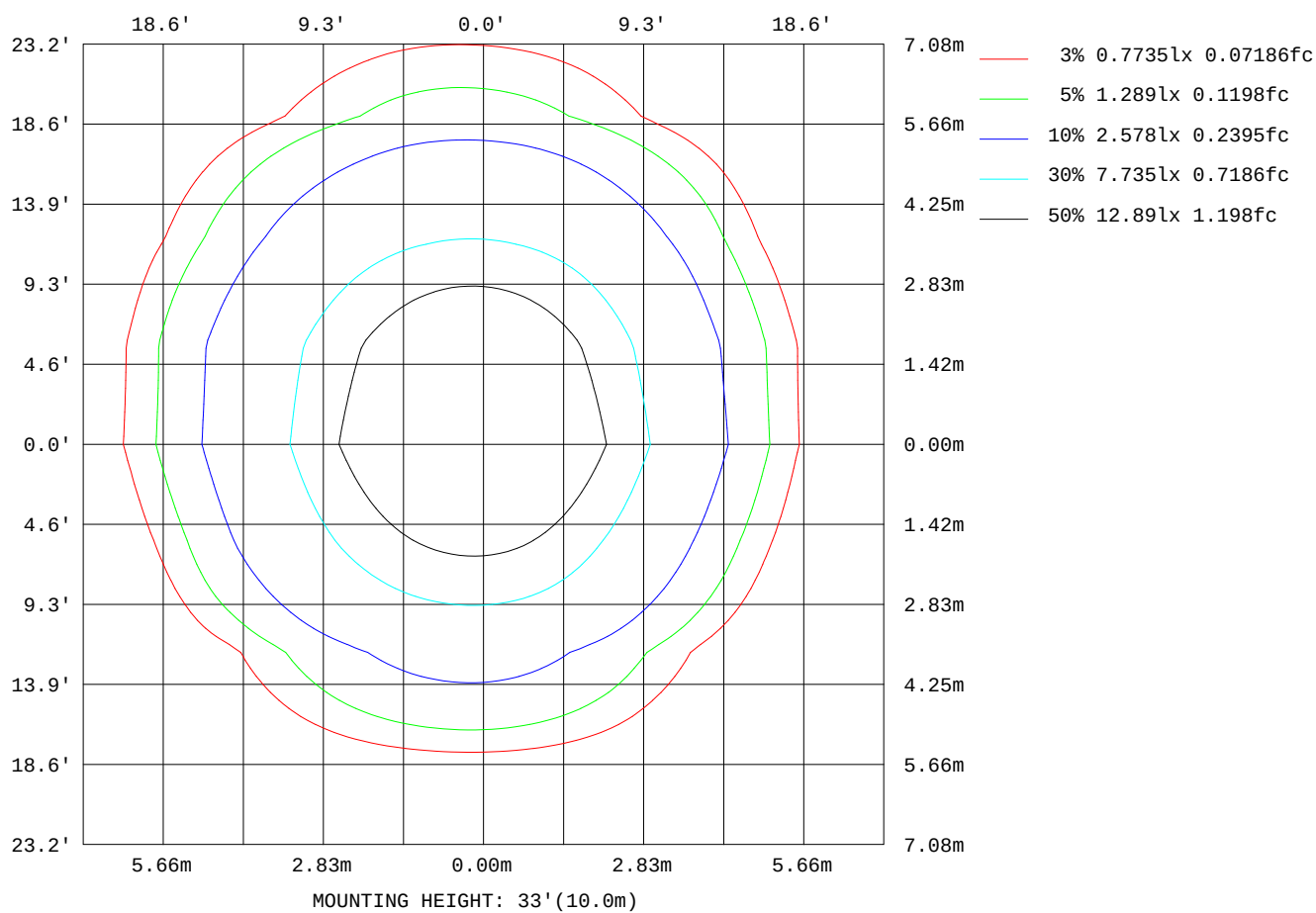
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx 5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

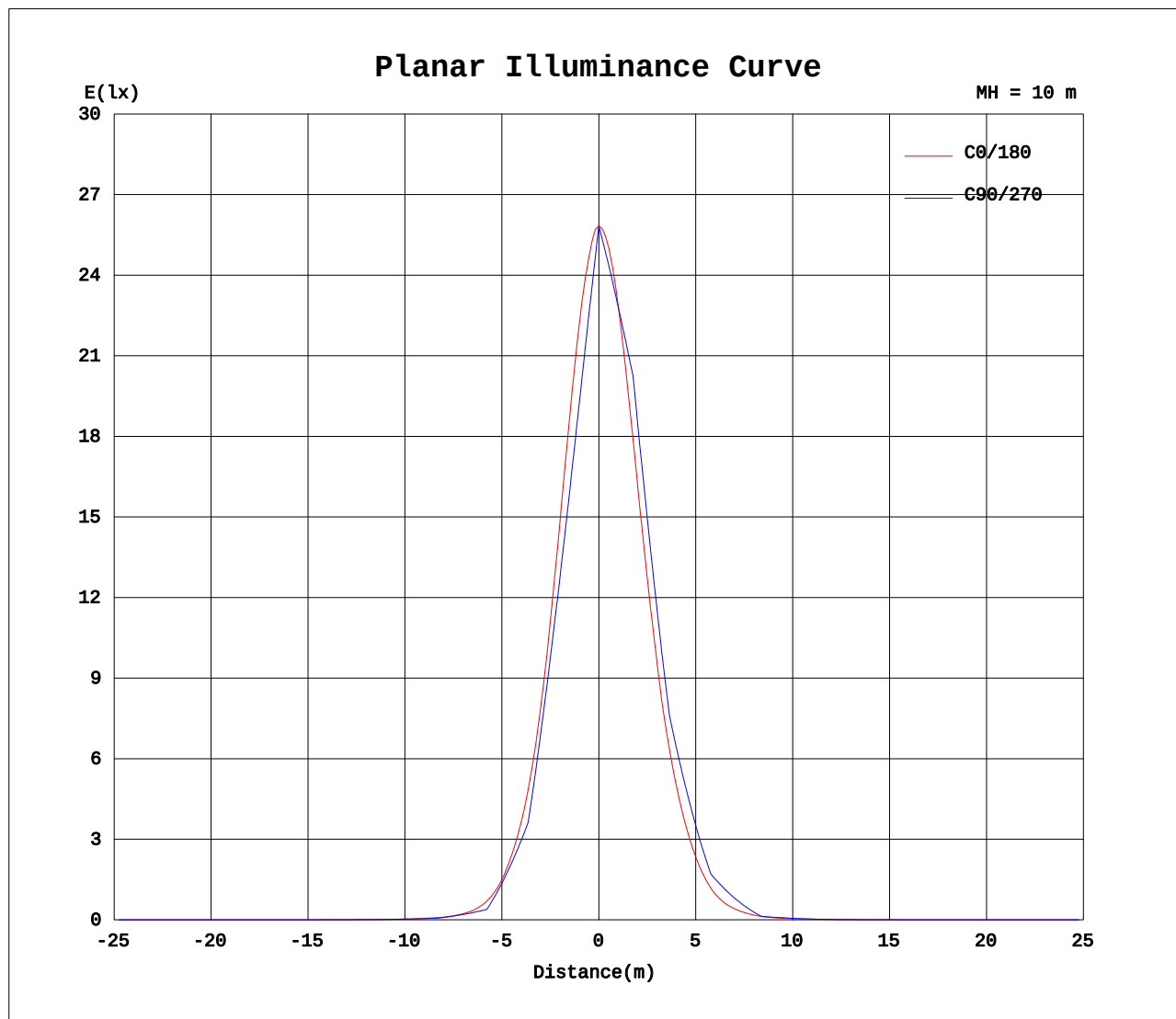
AvgL	cd/m2
L_0~180(65)av	61
L_0~180(75)av	23
L_0~180(85)av	50
L_90~270(65)av	512
L_90~270(75)av	2
L_90~270(85)av	0
L_45(65)av	823
L_45(75)av	19
L_45(85)av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.701x5 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

Test:U:230.0V I:0.0830A P:11.50W PF:0.6030 Freq:50.00Hz Lamp Flux:150.70lx lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:12.5W	DIM.: L146*W45*H43mm	SERIAL No.:GEN2026109.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL26X5	Shielding Angle:

UNIT: cd

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2582	2481	2461	2443	2426	2411	2397	2385	2373	2361
5.0	2324	2289	2256	2227	2201	2178	2157	2140	2124	2109
7.5	2061	2020	1985	1955	1932	1911	1894	1881	1869	1849
10.0	1750	1709	1676	1652	1635	1624	1615	1584	1558	1538
12.5	1418	1381	1356	1341	1334	1320	1285	1257	1234	1218
15.0	1095	1067	1052	1048	1043	1004	971.6	945.2	924.3	932.1
17.5	815.4	794.8	786.5	789.1	760.7	726.2	696.7	679.1	695.9	713.3
20.0	586.0	572.8	571.1	568.5	534.1	503.4	482.9	496.6	513.4	531.4
22.5	413.1	404.0	404.4	389.8	360.5	334.2	343.0	355.5	369.2	360.0
25.0	278.9	274.3	278.3	256.7	232.6	227.1	237.4	248.7	236.2	218.0
27.5	176.2	175.8	180.1	161.0	141.9	150.3	160.4	153.6	136.8	116.7
30.0	108.1	110.0	111.3	97.54	92.22	98.25	99.47	87.73	73.42	83.47
32.5	66.38	68.42	67.29	58.60	59.88	65.32	58.80	46.81	52.55	59.50
35.0	42.46	44.06	42.57	37.86	40.51	40.78	34.85	34.55	38.34	39.88
37.5	27.54	29.69	28.38	26.87	28.96	26.84	24.43	26.31	27.30	25.45
40.0	18.93	20.31	19.20	19.34	20.50	18.52	19.30	20.24	19.09	17.35
42.5	13.84	14.92	13.85	14.46	14.48	13.97	15.44	15.06	14.03	14.45
45.0	10.45	11.28	10.24	11.11	10.51	11.09	11.71	11.11	11.67	11.93
47.5	7.845	8.458	7.847	8.423	7.889	8.884	8.753	9.002	9.614	9.286
50.0	5.931	6.333	6.001	6.217	6.250	6.717	6.678	7.324	7.350	6.936
52.5	4.410	4.672	4.587	4.531	4.936	4.964	5.345	5.621	5.356	5.713
55.0	3.110	3.352	3.439	3.215	3.721	3.700	4.175	4.040	4.324	4.600
57.5	2.075	2.240	2.436	2.338	2.526	2.810	2.896	3.061	3.414	3.370
60.0	1.181	1.319	1.438	1.577	1.562	1.892	1.903	2.305	2.350	2.338
62.5	0.4096	0.4892	0.5425	0.7727	0.8896	0.9263	1.250	1.376	1.476	1.641
65.0	0.0245	0.0742	0.0333	0.1346	0.3188	0.3503	0.5709	0.6391	0.9182	0.9218
67.5	0.0123	0.0247	0.0065	0.0227	0.0148	0.1265	0.0560	0.3477	0.3876	0.1976
70.0	0.0152	0.0177	0.0125	0.0111	0.0061	0.0260	0.0253	0.1089	0.0004	0.0747
72.5	0.0152	0.0121	0.0201	0.0014	0.0139	0.0148	0.0065	0.0009	0.0029	0.0420
75.0	0.0152	0.0048	0.0152	0.0076	0.0153	0.0049	0.0014	0.0038	0.0056	0.0118
77.5	0.0152	0.0028	0.0037	0.0179	0.0056	0.0018	0.0046	0.0067	0.0068	0.0056
80.0	0.0152	0.0115	0.0079	0.0081	0.0021	0.0056	0.0071	0.0054	0.0040	0.0030
82.5	0.0152	0.0093	0.0104	0.0023	0.0068	0.0055	0.0036	0.0022	0.0012	0.0004
85.0	0.0152	0.0047	0.0025	0.0066	0.0033	0.0013	0	0	0	0
87.5	0.0152	0	0.0031	0	0	0	0	0	0	0
90.0	0.0152	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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2350	2342	2334	2329	2322	2316	2312	2309	2309	2307
5.0	2098	2088	2078	2071	2062	2053	2046	2038	2034	2029
7.5	1829	1811	1798	1789	1780	1775	1769	1765	1764	1761
10.0	1521	1508	1500	1492	1488	1486	1486	1488	1493	1498
12.5	1206	1206	1214	1220	1224	1226	1227	1228	1230	1232
15.0	947.5	961.0	971.0	977.0	979.1	977.1	973.1	969.4	966.6	963.9
17.5	729.9	743.7	746.4	737.1	727.1	716.6	708.8	703.4	702.7	703.6
20.0	534.7	523.8	509.6	491.8	473.0	456.3	443.4	437.3	438.7	445.4
22.5	345.2	324.9	297.4	300.4	314.7	326.5	335.0	340.9	344.4	345.2
25.0	191.7	197.1	215.0	228.5	238.4	245.1	248.6	250.1	250.1	249.3
27.5	130.8	144.3	157.3	164.1	164.1	161.9	158.7	156.2	155.4	156.2
30.0	93.83	101.5	102.3	98.26	90.13	79.72	69.78	62.74	60.60	63.80
32.5	63.14	61.15	54.00	40.90	43.47	45.62	47.25	48.34	48.91	48.91
35.0	37.72	30.31	30.97	33.02	34.73	35.97	36.74	37.13	37.21	37.07
37.5	22.01	23.45	24.82	25.97	26.29	26.16	25.83	25.55	25.47	25.59
40.0	18.07	18.89	19.09	18.66	17.72	16.39	14.99	14.00	13.72	14.18
42.5	14.76	14.40	13.56	12.02	11.48	11.45	11.41	11.45	11.52	11.55
45.0	11.41	10.44	9.828	9.719	9.596	9.464	9.341	9.317	9.312	9.312
47.5	8.523	8.388	8.235	8.011	7.729	7.451	7.223	7.132	7.101	7.125
50.0	7.101	6.980	6.671	6.247	5.819	5.422	5.106	4.946	4.889	4.944
52.5	5.827	5.512	5.082	4.524	4.241	4.084	3.978	3.950	3.935	3.939
55.0	4.422	4.045	3.808	3.570	3.351	3.178	3.058	3.009	2.981	2.987
57.5	3.139	3.087	2.945	2.700	2.458	2.264	2.130	2.055	2.028	2.047
60.0	2.363	2.273	2.066	1.805	1.556	1.345	1.202	1.103	1.075	1.108
62.5	1.595	1.406	1.165	0.9393	0.9085	0.8608	0.8361	0.8114	0.8076	0.8162
65.0	0.7823	0.6313	0.6860	0.6873	0.6485	0.5996	0.5702	0.5463	0.5403	0.5492
67.5	0.3414	0.4409	0.4626	0.4383	0.3875	0.3371	0.3040	0.2807	0.2739	0.2822
70.0	0.2206	0.2574	0.2336	0.1835	0.1251	0.0739	0.0375	0.0150	0.0076	0.0151
72.5	0.0938	0.0713	0.0080	0.0070	0.0065	0.0061	0.0059	0.0057	0.0057	0.0057
75.0	0.0070	0.0062	0.0055	0.0049	0.0045	0.0042	0.0040	0.0038	0.0038	0.0038
77.5	0.0047	0.0039	0.0033	0.0028	0.0025	0.0022	0.0020	0.0019	0.0019	0.0019
80.0	0.0022	0.0016	0.0011	0.0008	0.0005	0.0003	0.0001	0.0000	0	0.0000
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(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2025-02-21

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.880m [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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2308	2310	2315	2321	2327	2335	2345	2358	2372	2387
5.0	2028	2028	2031	2036	2043	2054	2067	2082	2103	2126
7.5	1762	1763	1764	1767	1770	1774	1779	1785	1797	1823
10.0	1503	1508	1513	1517	1521	1522	1524	1526	1528	1532
12.5	1235	1240	1247	1257	1269	1284	1291	1286	1282	1278
15.0	964.1	967.8	974.7	983.9	995.6	1010	1027	1046	1060	1048
17.5	708.5	715.0	723.3	730.4	736.6	750.4	769.7	790.4	812.6	836.8
20.0	457.8	475.1	493.7	511.4	527.0	538.9	546.6	561.7	587.4	613.5
22.5	344.6	343.4	340.7	336.5	340.9	362.9	378.5	389.0	397.1	426.3
25.0	249.0	249.2	248.8	247.8	244.8	239.1	239.3	256.6	268.3	276.1
27.5	159.0	162.6	165.6	166.5	167.2	166.3	162.3	155.8	169.4	179.5
30.0	71.67	82.22	93.17	101.9	106.5	106.3	106.9	105.0	100.8	112.6
32.5	48.51	47.80	46.77	45.51	58.91	65.99	67.48	67.84	69.56	68.15
35.0	36.85	36.59	36.23	35.69	34.92	35.35	42.32	44.99	45.65	46.84
37.5	25.90	26.30	26.56	26.61	26.77	26.72	26.47	29.91	31.38	32.52
40.0	15.25	16.73	18.16	19.25	19.91	20.32	20.75	20.86	22.60	23.30
42.5	11.60	11.77	11.95	12.68	14.37	15.40	15.87	16.51	16.90	17.74
45.0	9.402	9.596	9.856	10.17	10.50	11.34	12.40	12.86	13.39	13.60
47.5	7.254	7.500	7.819	8.189	8.615	9.028	9.480	10.21	10.19	10.40
50.0	5.127	5.460	5.892	6.366	6.840	7.274	7.695	7.922	7.974	7.637
52.5	3.987	4.109	4.296	4.611	5.218	5.691	5.965	6.174	6.129	5.778
55.0	3.053	3.190	3.390	3.630	3.913	4.203	4.538	4.565	4.566	4.425
57.5	2.131	2.282	2.491	2.731	2.994	3.165	3.256	3.376	3.220	3.198
60.0	1.212	1.300	1.607	1.859	2.097	2.247	2.361	2.377	2.301	2.077
62.5	0.8451	0.8942	0.9622	1.018	1.244	1.436	1.533	1.555	1.510	1.323
65.0	0.5763	0.6223	0.6839	0.7363	0.7590	0.7267	0.8325	0.8547	0.8318	0.6977
67.5	0.3072	0.3497	0.4064	0.4593	0.4891	0.4831	0.4152	0.2754	0.3453	0.2619
70.0	0.0378	0.0765	0.1308	0.1920	0.2422	0.2630	0.2249	0.1075	0.0358	0.0697
72.5	0.0059	0.0061	0.0065	0.0070	0.0080	0.0727	0.0900	0.0401	0.0198	0.0161
75.0	0.0040	0.0042	0.0045	0.0049	0.0055	0.0062	0.0070	0.0123	0.0126	0.0114
77.5	0.0020	0.0022	0.0025	0.0028	0.0033	0.0039	0.0047	0.0056	0.0068	0.0084
80.0	0.0001	0.0003	0.0005	0.0008	0.0011	0.0016	0.0022	0.0030	0.0040	0.0054
82.5	0	0	0	0	0	0	0	0.0004	0.0012	0.0022
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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2403	2420	2440	2460	2482	2505	2530	2519	2509	2500
5.0	2151	2180	2214	2251	2291	2335	2381	2359	2339	2323
7.5	1853	1888	1930	1976	2028	2086	2150	2118	2091	2071
10.0	1538	1575	1619	1671	1731	1798	1874	1834	1802	1779
12.5	1275	1277	1308	1361	1422	1493	1575	1530	1496	1473
15.0	1037	1030	1029	1072	1132	1202	1283	1238	1205	1183
17.5	828.0	812.9	801.8	807.8	863.1	927.4	1003	962.2	933.4	915.4
20.0	640.4	629.0	613.7	605.2	642.8	699.5	767.3	732.4	709.5	708.8
22.5	453.9	479.5	459.7	446.8	462.4	513.4	574.4	543.8	524.3	545.5
25.0	303.9	328.5	331.9	316.2	315.3	359.3	412.8	386.9	371.5	407.6
27.5	189.8	210.0	224.9	210.7	203.7	239.0	282.8	261.0	250.9	293.5
30.0	116.0	124.5	137.1	136.9	131.7	151.6	183.5	166.2	164.7	199.5
32.5	73.41	74.15	84.26	88.95	84.73	95.58	117.2	105.3	107.7	132.4
35.0	48.05	49.23	52.86	58.73	56.71	61.62	76.16	67.63	71.98	87.04
37.5	33.74	34.51	34.44	38.79	37.94	38.88	48.76	41.85	46.97	54.12
40.0	24.53	25.32	23.91	25.43	25.29	24.23	29.59	25.57	29.52	32.11
42.5	17.61	18.50	17.37	16.97	17.75	16.33	19.70	17.08	19.92	19.92
45.0	13.18	13.17	13.03	11.68	12.88	11.39	13.67	11.87	14.20	13.32
47.5	10.10	9.242	9.721	8.510	9.154	8.274	9.804	8.621	9.997	9.607
50.0	7.693	6.961	6.904	6.418	6.474	6.089	7.078	6.348	7.021	7.235
52.5	5.564	5.363	4.831	4.883	4.605	4.466	5.142	4.664	4.994	5.500
55.0	3.958	3.968	3.480	3.684	3.187	3.229	3.669	3.373	3.454	4.147
57.5	2.985	2.682	2.572	2.447	2.110	2.241	2.530	2.346	2.297	2.767
60.0	2.113	1.745	1.733	1.394	1.363	1.423	1.602	1.500	1.510	1.624
62.5	1.148	1.104	0.8072	0.6082	0.6650	0.6526	0.7730	0.7287	0.8077	0.7879
65.0	0.4724	0.4388	0.1989	0.1179	0.1539	0.0881	0.1441	0.1076	0.2075	0.1987
67.5	0.0507	0.0657	0.0352	0.0061	0.0214	0.0043	0.0305	0.0051	0.0260	0.0067
70.0	0.0075	0.0036	0.0186	0.0123	0.0102	0.0079	0.0265	0.0079	0.0107	0.0082
72.5	0.0118	0.0050	0.0064	0.0213	0.0026	0.0107	0.0228	0.0124	0.0026	0.0142
75.0	0.0138	0.0116	0.0029	0.0129	0.0056	0.0152	0.0227	0.0161	0.0045	0.0091
77.5	0.0105	0.0134	0.0107	0.0011	0.0149	0.0162	0.0190	0.0162	0.0122	0.0009

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2025-02-21

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:7.880m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	0.0071	0.0096	0.0131	0.0087	0.0083	0.0057	0.0190	0.0057	0.0065	0.0065
82.5	0.0036	0.0055	0.0084	0.0129	0.0043	0.0027	0.0152	0.0033	0.0029	0.0079
85.0	0	0.0013	0.0033	0.0066	0.0127	0.0039	0.0133	0.0039	0.0060	0
87.5	0	0	0	0	0.0031	0.0101	0.0076	0.0029	0	0
90.0	0	0	0	0	0	0	0	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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2492	2485	2479	2475	2471	2467	2464	2462	2462	2463
5.0	2310	2300	2294	2291	2290	2291	2295	2301	2306	2315
7.5	2057	2048	2045	2048	2055	2077	2104	2131	2156	2179
10.0	1765	1759	1762	1802	1845	1890	1935	1979	2020	2056
12.5	1461	1473	1523	1579	1639	1703	1768	1803	1806	1809
15.0	1182	1233	1294	1364	1440	1457	1459	1464	1471	1480
17.5	953.9	1015	1085	1146	1142	1141	1143	1147	1159	1181
20.0	761.6	825.7	883.1	873.8	868.2	864.7	877.8	903.3	923.1	936.5
22.5	601.0	668.2	656.7	646.0	637.8	663.8	688.8	707.9	718.5	728.0
25.0	464.0	483.6	469.9	458.6	485.0	511.6	533.5	545.1	554.8	563.8
27.5	344.8	330.6	317.6	334.7	361.5	385.4	395.0	401.1	405.0	410.9
30.0	222.1	211.9	214.7	236.7	258.6	268.4	273.1	275.6	284.2	288.7
32.5	134.2	127.2	144.5	161.6	170.0	173.6	179.8	185.5	184.4	177.8
35.0	82.34	85.20	98.44	104.3	105.3	110.8	115.4	111.4	119.8	129.7
37.5	50.82	58.44	65.81	66.24	67.73	70.76	70.72	77.56	82.98	86.69
40.0	32.72	41.14	42.63	42.67	45.20	45.77	49.41	51.69	53.93	54.24
42.5	22.21	26.89	27.03	29.92	30.97	32.44	32.97	34.15	32.54	26.67
45.0	16.02	17.16	18.42	21.29	22.46	22.64	23.05	21.19	19.38	19.33
47.5	11.66	11.38	13.41	14.97	15.60	16.72	15.68	15.36	15.06	14.60
50.0	8.076	8.443	9.878	10.30	11.57	12.18	12.17	11.73	11.16	10.44
52.5	5.618	6.500	6.974	7.578	8.623	9.061	8.948	8.642	7.797	6.553
55.0	4.044	4.809	4.944	5.792	6.215	6.371	6.435	5.886	5.414	5.084
57.5	3.023	3.263	3.768	4.189	4.299	4.546	4.308	4.337	4.196	3.872
60.0	2.086	2.172	2.724	2.757	3.091	3.152	3.172	3.110	2.998	2.706
62.5	1.030	1.455	1.556	1.839	2.092	2.151	2.145	2.074	1.865	1.585
65.0	0.3095	0.6681	0.7160	1.072	1.198	1.301	1.293	1.174	1.181	1.144
67.5	0.0452	0.1167	0.1555	0.4663	0.5316	0.5921	0.7372	0.7859	0.7607	0.7078
70.0	0.0123	0.0064	0.0198	0.1312	0.0771	0.2946	0.4165	0.4276	0.3730	0.2888
72.5	0.0041	0.0062	0.0147	0.0207	0.0251	0.1097	0.1664	0.1101	0.0007	0
75.0	0.0029	0.0139	0.0155	0.0109	0.0071	0.0156	0	0	0	0
77.5	0.0107	0.0124	0.0074	0.0022	0	0	0	0	0	0
80.0	0.0107	0.0040	0	0	0	0	0	0	0	0
82.5	0.0013	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	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2462	2462	2462	2464	2467	2466	2467	2468	2470	2471
5.0	2321	2329	2337	2342	2350	2352	2355	2355	2354	2352
7.5	2198	2215	2225	2231	2235	2231	2226	2219	2206	2193
10.0	2085	2107	2120	2125	2121	2107	2088	2064	2035	2005
12.5	1814	1819	1823	1824	1822	1815	1805	1791	1772	1747
15.0	1489	1499	1508	1517	1523	1523	1519	1511	1494	1469
17.5	1199	1210	1219	1221	1221	1218	1215	1209	1202	1191
20.0	942.7	942.3	936.5	927.9	920.0	913.2	908.9	906.5	903.8	900.3
22.5	739.6	749.4	756.3	759.2	757.1	750.0	736.6	716.7	691.0	661.1
25.0	572.9	581.9	588.6	593.3	594.3	591.9	584.6	571.1	551.3	526.1
27.5	421.3	429.5	432.6	432.3	429.7	426.3	422.7	417.8	410.7	401.0
30.0	289.7	287.9	281.6	272.8	265.1	261.0	263.1	263.1	265.2	265.6
32.5	190.8	201.6	207.8	209.1	206.7	201.1	192.5	179.7	162.5	142.9
35.0	137.8	143.9	148.1	149.2	148.3	146.1	141.9	134.5	123.1	108.8
37.5	90.52	92.27	92.24	90.57	89.07	88.70	89.06	88.64	85.73	79.72
40.0	51.31	45.39	38.17	32.26	29.80	31.58	36.73	43.12	47.90	49.69
42.5	24.37	24.36	24.26	24.13	23.89	23.89	23.51	23.03	22.23	23.59
45.0	19.13	18.85	18.60	18.48	18.46	18.43	18.36	18.26	17.91	17.38
47.5	14.13	13.61	13.13	12.84	12.77	12.84	13.06	13.42	13.70	13.79
50.0	9.530	8.566	7.739	7.231	7.083	7.261	7.778	8.560	9.388	10.09
52.5	6.040	5.850	5.737	5.712	5.743	5.760	5.806	5.933	6.124	6.563
55.0	4.799	4.580	4.439	4.378	4.403	4.445	4.522	4.682	4.907	5.163
57.5	3.575	3.335	3.165	3.073	3.068	3.114	3.225	3.422	3.689	3.998
60.0	2.381	2.107	1.899	1.771	1.733	1.783	1.928	2.159	2.456	2.796
62.5	1.489	1.403	1.341	1.305	1.299	1.315	1.361	1.438	1.536	1.633
65.0	1.055	0.9703	0.9097	0.8723	0.8654	0.8809	0.9247	0.9973	1.093	1.192
67.5	0.6228	0.5390	0.4788	0.4421	0.4327	0.4466	0.4871	0.5551	0.6479	0.7550
70.0	0.1926	0.1085	0.0483	0.0121	0	0.0122	0.0491	0.1118	0.2003	0.3088

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2025-02-21

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:7.880m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
77.5	0	0	0	0	0	0	0	0	0	0
80.0	0	0	0	0	0	0	0	0	0	0
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	2583	2583	2583	2583	2583	2583	2583	2583	2583	2583
2.5	2470	2469	2470	2471	2472	2474	2474	2476	2479	2483
5.0	2344	2338	2329	2321	2314	2309	2303	2300	2299	2301
7.5	2178	2165	2154	2145	2134	2114	2093	2077	2064	2055
10.0	1974	1943	1915	1891	1870	1857	1850	1818	1789	1767
12.5	1719	1687	1648	1607	1574	1550	1533	1527	1498	1461
15.0	1438	1400	1359	1316	1274	1241	1219	1207	1205	1168
17.5	1178	1148	1103	1054	1007	962.0	933.7	917.9	912.0	902.7
20.0	894.0	882.9	868.6	836.7	786.7	739.7	697.9	677.2	669.0	669.7
22.5	638.3	639.4	634.6	624.7	610.1	563.4	521.1	486.7	477.1	476.2
25.0	496.1	464.3	441.5	440.9	433.8	424.2	383.3	349.7	331.0	328.2
27.5	380.9	355.0	327.9	297.8	291.5	285.4	274.2	243.2	220.1	216.3
30.0	264.0	259.7	241.5	214.9	183.0	177.9	178.1	164.0	142.9	135.1
32.5	155.1	162.9	163.6	150.2	124.8	103.3	107.1	107.7	92.68	83.03
35.0	94.18	82.63	94.17	94.39	84.97	69.41	61.86	65.27	60.08	51.70
37.5	70.17	59.18	48.80	53.42	54.56	47.97	40.02	40.00	40.29	34.24
40.0	48.65	43.79	36.81	31.27	33.24	33.53	29.10	25.75	26.58	23.18
42.5	28.59	29.39	27.86	24.45	21.72	22.57	21.93	18.14	17.65	16.73
45.0	16.74	17.87	19.33	19.16	17.38	15.36	15.60	13.88	12.51	12.63
47.5	13.60	13.26	13.01	14.04	13.90	12.09	11.17	10.94	9.267	9.480
50.0	10.59	10.77	10.58	9.971	10.26	9.712	8.399	8.114	7.265	6.968
52.5	7.581	8.212	8.512	8.058	7.345	7.379	6.700	5.959	5.745	5.086
55.0	5.432	5.723	6.241	6.382	5.858	5.313	5.253	4.478	4.346	3.640
57.5	4.289	4.363	4.256	4.578	4.604	4.046	3.697	3.451	2.984	2.667
60.0	3.123	3.313	3.289	3.160	3.193	3.098	2.514	2.379	1.894	1.823
62.5	1.929	2.187	2.340	2.318	2.082	1.938	1.727	1.264	1.135	0.9398
65.0	1.227	1.182	1.329	1.443	1.363	1.010	0.8544	0.5528	0.4397	0.1886
67.5	0.8225	0.8254	0.7231	0.5340	0.6104	0.5704	0.1366	0.2089	0.0243	0.0256
70.0	0.4097	0.4766	0.4630	0.2833	0.0158	0.1914	0.0536	0.0256	0.0075	0.0125
72.5	0.0008	0.1230	0.1925	0.1519	0.0071	0	0.0093	0.0102	0.0121	0.0050
75.0	0	0	0	0.0230	0.0011	0	0	0.0036	0.0122	0.0083
77.5	0	0	0	0	0	0	0	0	0.0045	0.0153
80.0	0	0	0	0	0	0	0	0	0	0.0064
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	350.0	355.0								
0.0	2583	2583								
2.5	2488	2494								
5.0	2306	2313								
7.5	2051	2053								
10.0	1752	1747								
12.5	1436	1421								
15.0	1131	1106								
17.5	860.4	831.2								
20.0	637.3	605.1								
22.5	461.9	432.1								
25.0	326.6	297.7								
27.5	217.9	193.9								
30.0	136.4	122.3								
32.5	83.13	76.38								
35.0	51.40	48.57								
37.5	32.91	32.11								
40.0	21.46	21.52								
42.5	15.18	15.63								
45.0	11.13	11.76								
47.5	8.499	8.799								
50.0	6.524	6.605								
52.5	4.979	4.871								
55.0	3.744	3.497								
57.5	2.659	2.338								
60.0	1.584	1.381								
62.5	0.6356	0.5351								

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

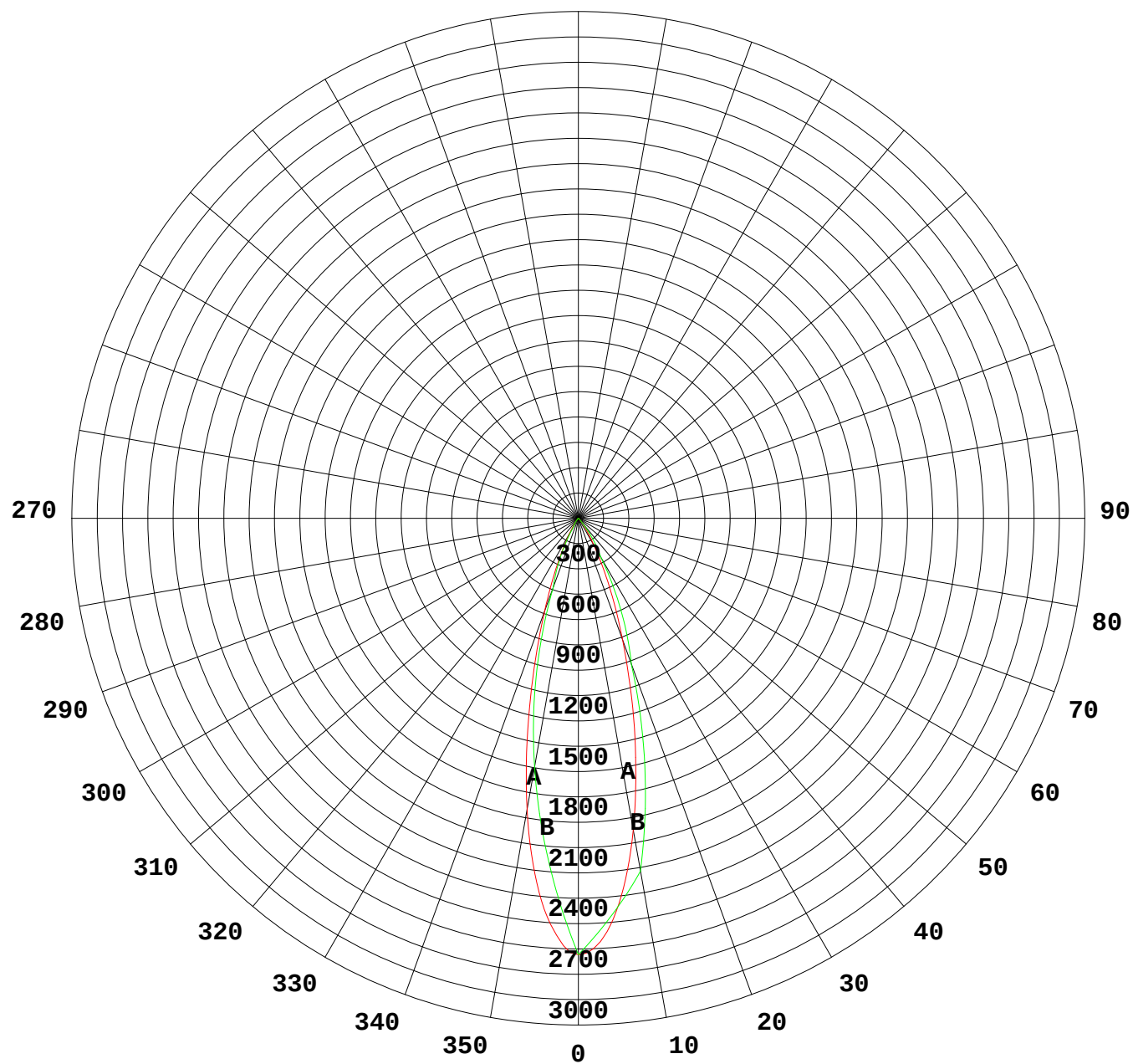
Photometric Data Table [cd]

65.0	0.0539	0.0053
67.5	0.0120	0.0269
70.0	0.0159	0.0214
72.5	0.0197	0.0162
75.0	0.0145	0.0116
77.5	0.0067	0.0092
80.0	0.0073	0.0143
82.5	0.0086	0.0112
85.0	0	0.0056
87.5	0	0
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

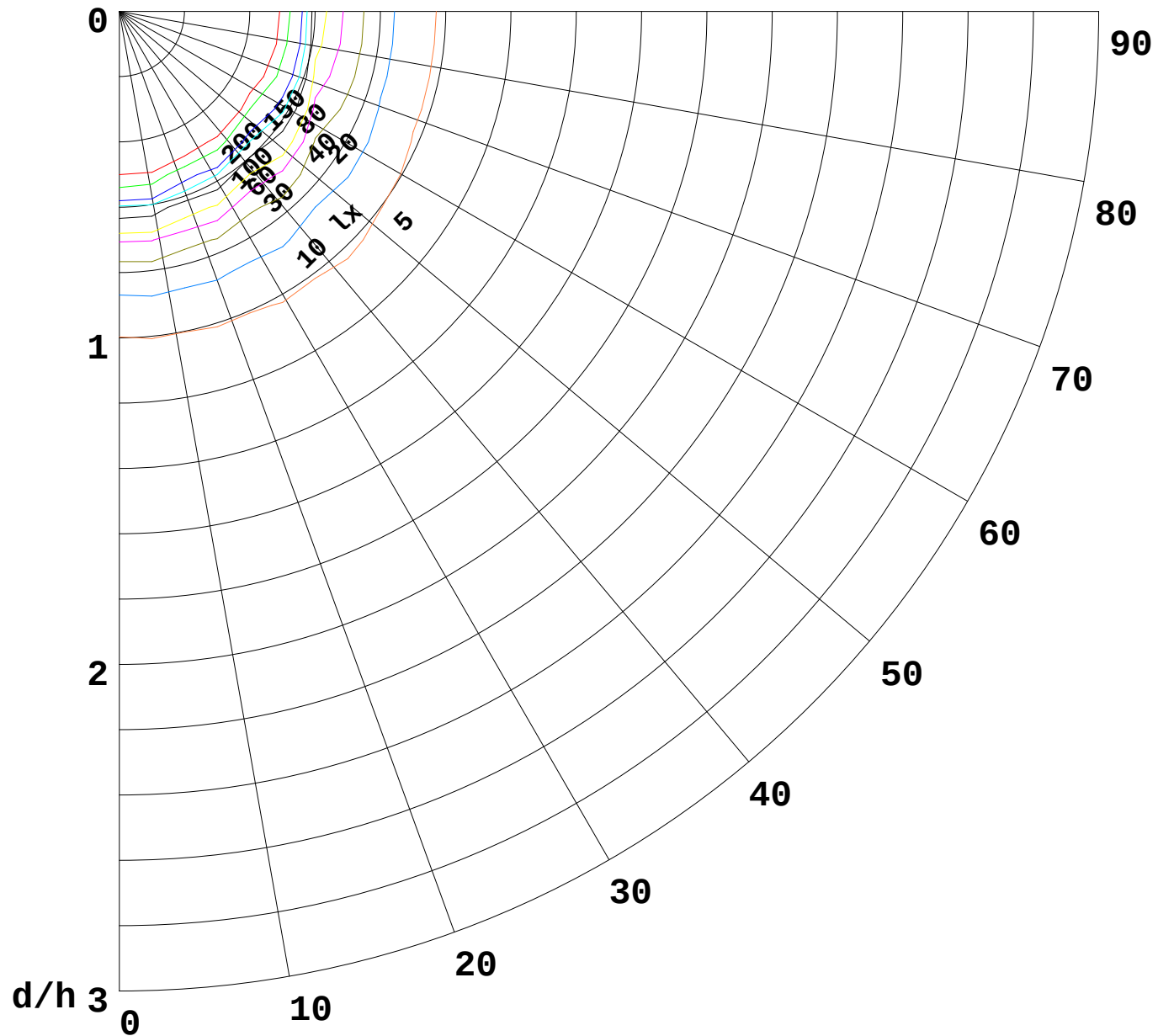
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

I(cd)



1000 lm

$K = 1$



F = 1000 lm
 K = 0.7
 Hcc = 0.8 m
 Hfc = 0.0 m
 Eave = 100 lx

	Pcc	Pw	Pfc
—————	70	50	30
—————	50	30	20

