

TEST REPORT

Report reference No.....	GEN2026108.01								
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-F3B SWH/GBK 3000K[CRI90] ZD24D (LS-8-300 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	7.5	3	450	430	F	1590	50000	3000K	24
Power supply	LS-8-300 SI2 E								
Light model	SMD LED LS-3030 3C1B SAMSUNG 3030, 6V 300mA 2W, 3000K, L72xW20<CRI90> 600LM								

Light Output Ratio:	75%	
Luminaire Power:	7.1W	
SUR.:	0.002 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

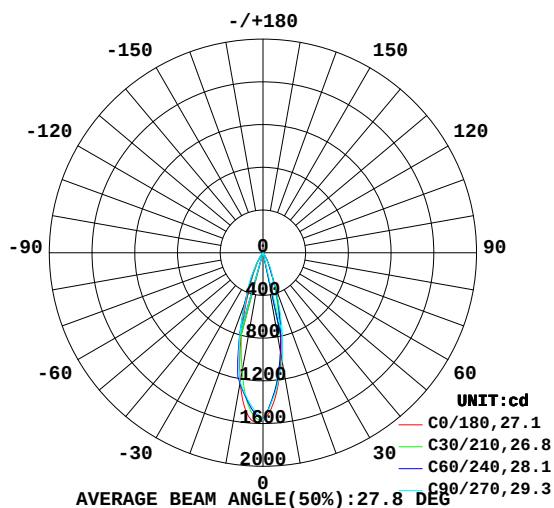
V(B) Range: -90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.262
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

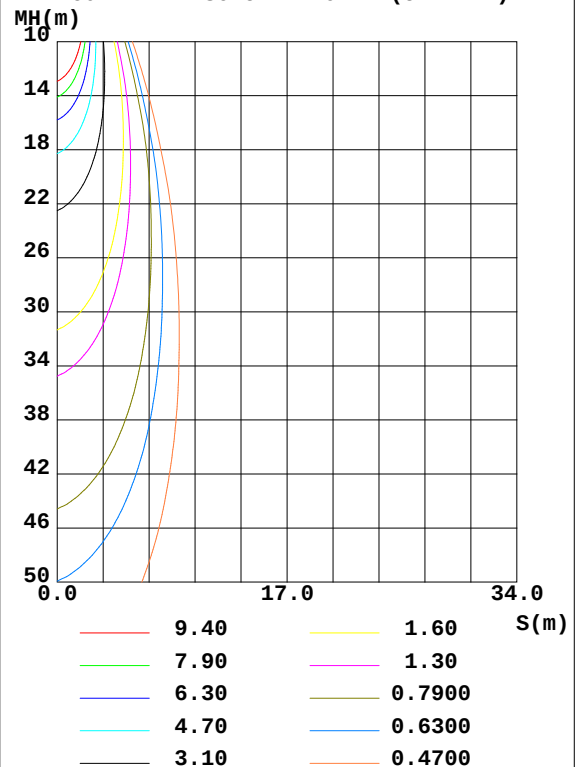
Test:U:230.0V I:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 61.36 lm/W			
MODEL	LS-3030 3C1B 6V	I _{max} (cd)	1592	S/MH(C0/180)	0.49
NOMINAL POWER(W)	6	LOR(%)	100.0	S/MH(C90/270)	0.51
RATED VOLTAGE(V)	18	TOTAL FLUX(lm)	436.26	η UP, DN(C0-180)	0.0, 44.8
NOMINAL FLUX(lm)	145.419	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 55.2
LAMPS INSIDE	3	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.00

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: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	1351	1286	1315	1365	1541	1443	1416	1354	0- 5	34.71	34.71	7.96, 7.96
10	976.2	926.0	1033	1031	1231	1188	1232	1049	5- 10	86.86	121.6	27.9, 27.9
15	589.2	552.1	664.5	682.5	784.0	880.1	858.0	689.7	10- 15	103.6	225.2	51.6, 51.6
20	314.2	316.5	284.2	343.7	418.9	470.4	467.9	420.2	15- 20	86.22	311.4	71.4, 71.4
25	143.6	141.7	170.8	164.2	209.2	241.1	288.3	206.2	20- 25	57.03	368.4	84.5, 84.5
30	59.92	60.92	55.97	77.52	99.02	118.8	106.6	95.27	25- 30	34.00	402.4	92.2, 92.2
35	25.27	28.97	32.51	32.56	41.05	50.43	60.59	43.91	30- 35	16.89	419.3	96.1, 96.1
40	9.998	11.38	8.855	13.74	15.96	20.15	14.17	15.36	35- 40	8.369	427.7	98, 98
45	5.364	7.280	5.812	7.725	7.262	10.04	8.911	9.304	40- 45	3.859	431.6	98.9, 98.9
50	2.916	3.892	2.753	4.628	4.005	5.617	3.599	4.703	45- 50	2.241	433.8	99.4, 99.4
55	1.390	2.472	1.637	2.670	2.153	3.157	2.199	2.997	50- 55	1.315	435.1	99.7, 99.7
60	0.4390	1.142	0.5277	1.388	0.9621	1.647	0.7969	1.416	55- 60	0.7367	435.9	99.9, 99.9
65	0.0042	0.4044	0.2639	0.5525	0.1669	0.6891	0.3985	0.5686	60- 65	0.3100	436.2	100, 100
70	0.0042	0.0024	0	0.1035	0.0127	0.1729	0	0.0504	65- 70	0.0847	436.2	100, 100
75	0.0042	0	0	0.0055	0.0085	0.0113	0	0.0030	70- 75	0.0000	436.3	100, 100
80	0.0042	0	0	0	0.0085	0	0	0	75- 80	0.0006	436.3	100, 100
85	0.0042	0	0	0	0.0042	0	0	0	80- 85	0.0003	436.3	100, 100
90	0.0042	0	0	0	0.0000	0	0	0	85- 90	0.0001	436.3	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): 431.56 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(120deg): 435.85 lm

%lum = 99.9%

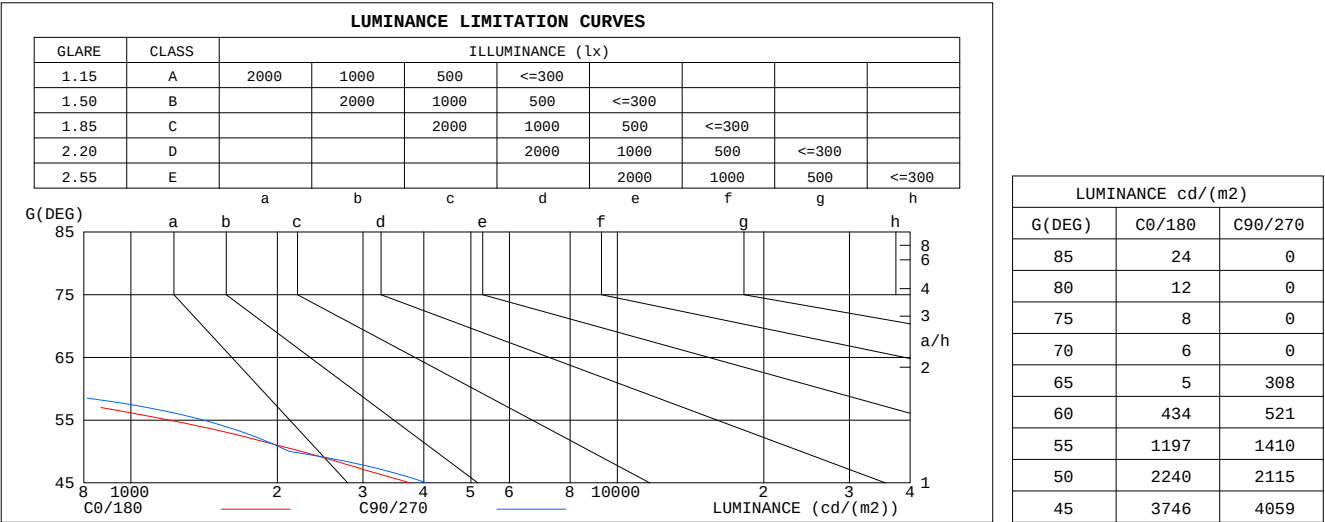
%lamp = 99.9%

$H(\beta)$ 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

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SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:



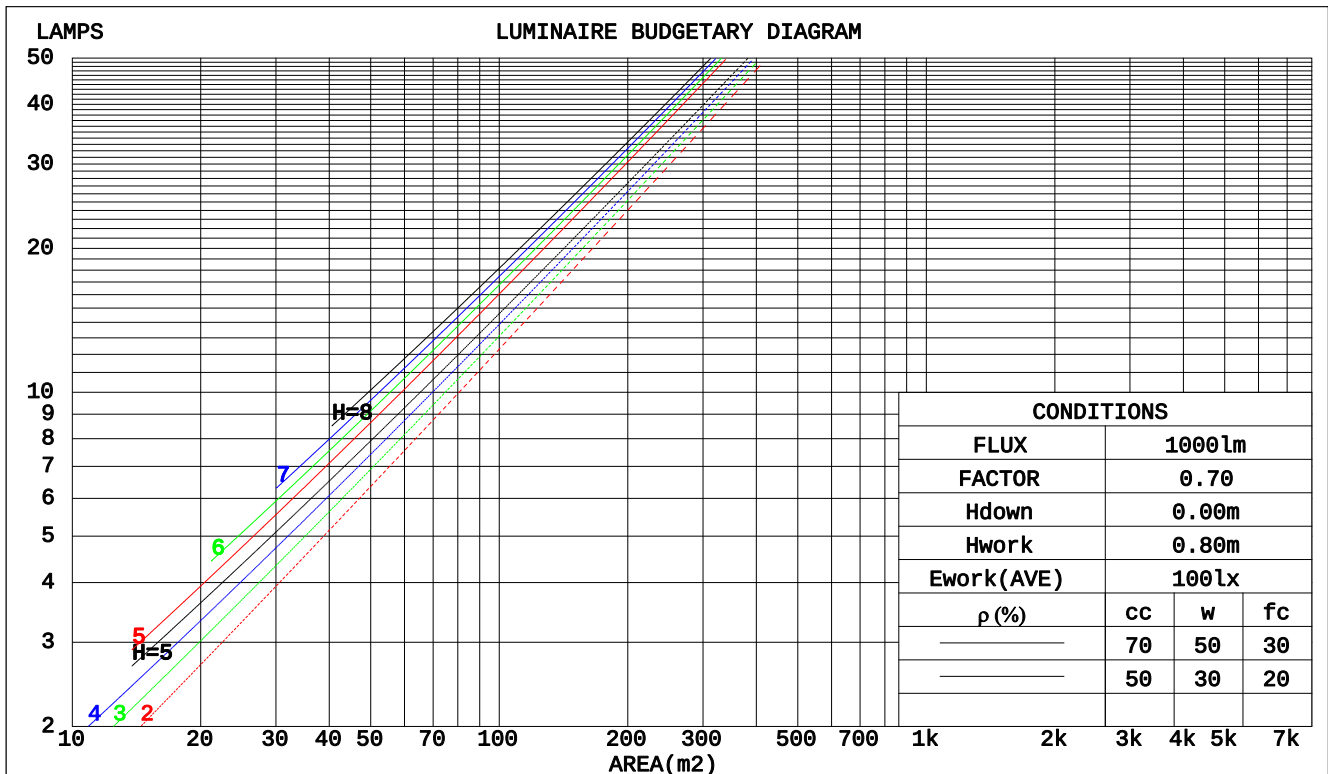
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	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	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.02	.99	1.02	.99	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.92	.96	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.90	.88	.86	.85
5.0	.93	.89	.85	.92	.88	.85	.91	.87	.84	.89	.86	.84	.88	.85	.83	.82
6.0	.89	.85	.82	.89	.84	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.77	.82	.79	.77	.76
8.0	.83	.78	.75	.82	.78	.75	.81	.78	.75	.81	.77	.75	.80	.77	.74	.73
9.0	.80	.76	.73	.80	.75	.72	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
10.0	.77	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69



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:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm								
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SPEC.:7.5W				DIM.: L95*W45*H43mm			SERIAL No.:GEN2026108.01	
MFR.: KOE Lighting Ltd.				SUR.:W25XL27X3			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	.145	.082	.026	.138	.079	.025	.126	.072	.023	.114	.066	.021	.104	.060	.019	
2.0	.135	.074	.023	.130	.072	.022	.120	.067	.021	.110	.062	.019	.101	.057	.018	
3.0	.127	.068	.020	.122	.066	.020	.114	.062	.019	.106	.058	.018	.098	.055	.017	
4.0	.120	.062	.018	.116	.061	.018	.109	.058	.017	.102	.055	.016	.095	.052	.016	
5.0	.113	.058	.017	.110	.056	.016	.104	.054	.016	.098	.052	.015	.092	.049	.015	
6.0	.108	.054	.015	.105	.053	.015	.099	.051	.015	.094	.049	.014	.090	.047	.014	
7.0	.103	.051	.014	.100	.050	.014	.095	.048	.014	.091	.047	.014	.087	.045	.013	
8.0	.098	.048	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	.084	.043	.013	
9.0	.094	.045	.013	.092	.045	.013	.088	.044	.012	.085	.042	.012	.081	.041	.012	
10.0	.090	.043	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	.079	.040	.011	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.017	
2.0	.151	.133	.117	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.099	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.054	.091	.066	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.049	.030	.052	.034	.021	.030	.020	.013	.010	.007	.004	
10.0	.083	.051	.030	.071	.044	.027	.049	.031	.019	.029	.019	.011	.009	.006	.004	

$H(\beta)$ 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:

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm											
NAME: LED Grille Light					TYPE:recessed			WEIGHT:			
SPEC.:7.5W					DIM.: L95*W45*H43mm			SERIAL No.:GEN2026108.01			
MFR.: KOE Lighting Ltd.					SUR.:W25XL27X3			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		10.8	11.5	11.0	11.7	11.8	11.0	11.7	11.2	11.9	12.0
	3H	10.7	11.3	10.9	11.5	11.7	10.9	11.5	11.1	11.7	11.9
	4H	10.6	11.2	10.9	11.4	11.6	10.8	11.4	11.0	11.6	11.8
	6H	10.5	11.1	10.8	11.3	11.6	10.7	11.3	11.0	11.5	11.7
	8H	10.5	11.0	10.8	11.3	11.5	10.6	11.2	10.9	11.5	11.7
	12H	10.4	11.0	10.7	11.2	11.5	10.6	11.1	10.9	11.4	11.7
4H	2H	10.7	11.3	10.9	11.5	11.7	10.8	11.4	11.1	11.7	11.9
	3H	10.5	11.0	10.8	11.3	11.6	10.6	11.2	11.0	11.5	11.7
	4H	10.4	10.9	10.7	11.2	11.5	10.6	11.1	10.9	11.3	11.6
	6H	10.3	10.7	10.6	11.0	11.4	10.5	10.9	10.8	11.2	11.6
	8H	10.2	10.6	10.6	11.0	11.3	10.4	10.8	10.8	11.2	11.5
	12H	10.2	10.5	10.6	10.9	11.3	10.3	10.7	10.7	11.1	11.5
8H	4H	10.2	10.6	10.6	11.0	11.3	10.4	10.8	10.8	11.2	11.5
	6H	10.1	10.5	10.5	10.8	11.3	10.3	10.6	10.7	11.0	11.4
	8H	10.1	10.4	10.5	10.8	11.2	10.2	10.5	10.7	10.9	11.4
	12H	10.0	10.3	10.5	10.7	11.2	10.2	10.4	10.6	10.9	11.3
12H	4H	10.2	10.5	10.6	10.9	11.3	10.3	10.7	10.7	11.1	11.5
	6H	10.1	10.4	10.5	10.8	11.2	10.2	10.5	10.7	10.9	11.4
	8H	10.0	10.3	10.5	10.7	11.2	10.2	10.4	10.6	10.9	11.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 8.7					+ 3.5 / - 8.8					
1.5H	+ 4.0 / - 4.9					+ 5.3 / - 5.7					
2.0H	+ 4.4 / -10.0					+ 4.5 / - 9.4					

CIE Pub.117, 436.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.9)

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Temperature:25.3DEG
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Remarks:

UTILIZATION FACTORS TABLE

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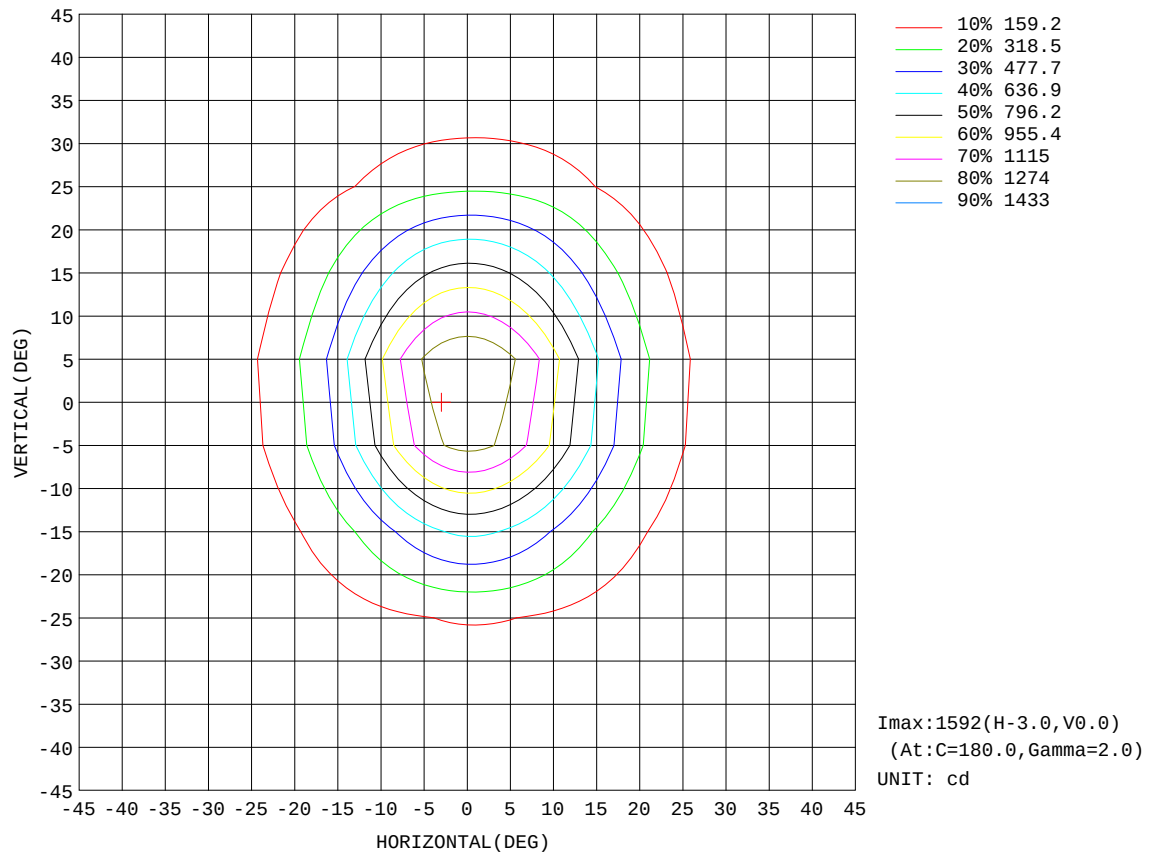
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	90	84	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	106	104	107	104	102	96
3.00	113	109	107	111	108	106	107	105	104	97
4.00	114	112	110	112	110	109	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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ISOCANDELA DIAGRAM

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SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:

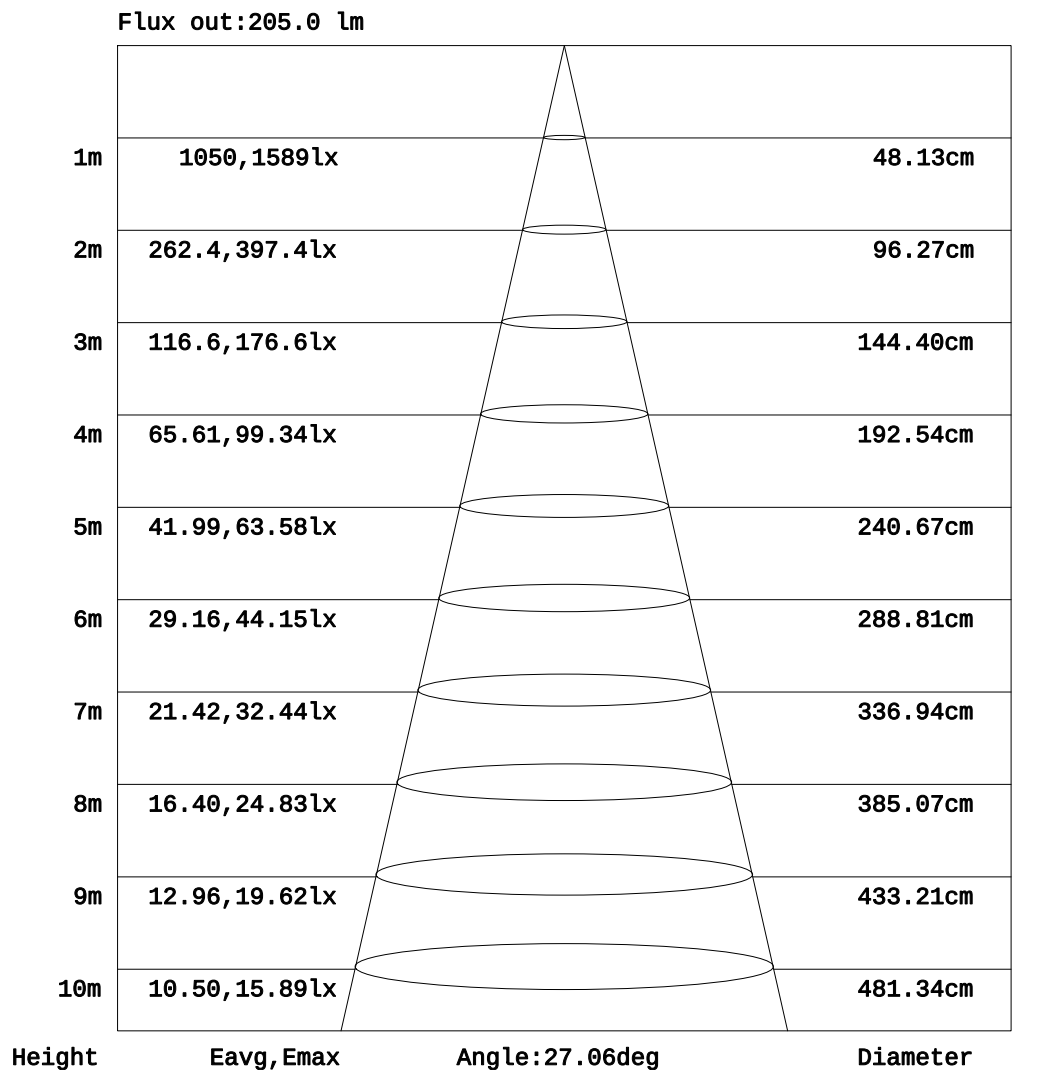


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-02-21

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:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:



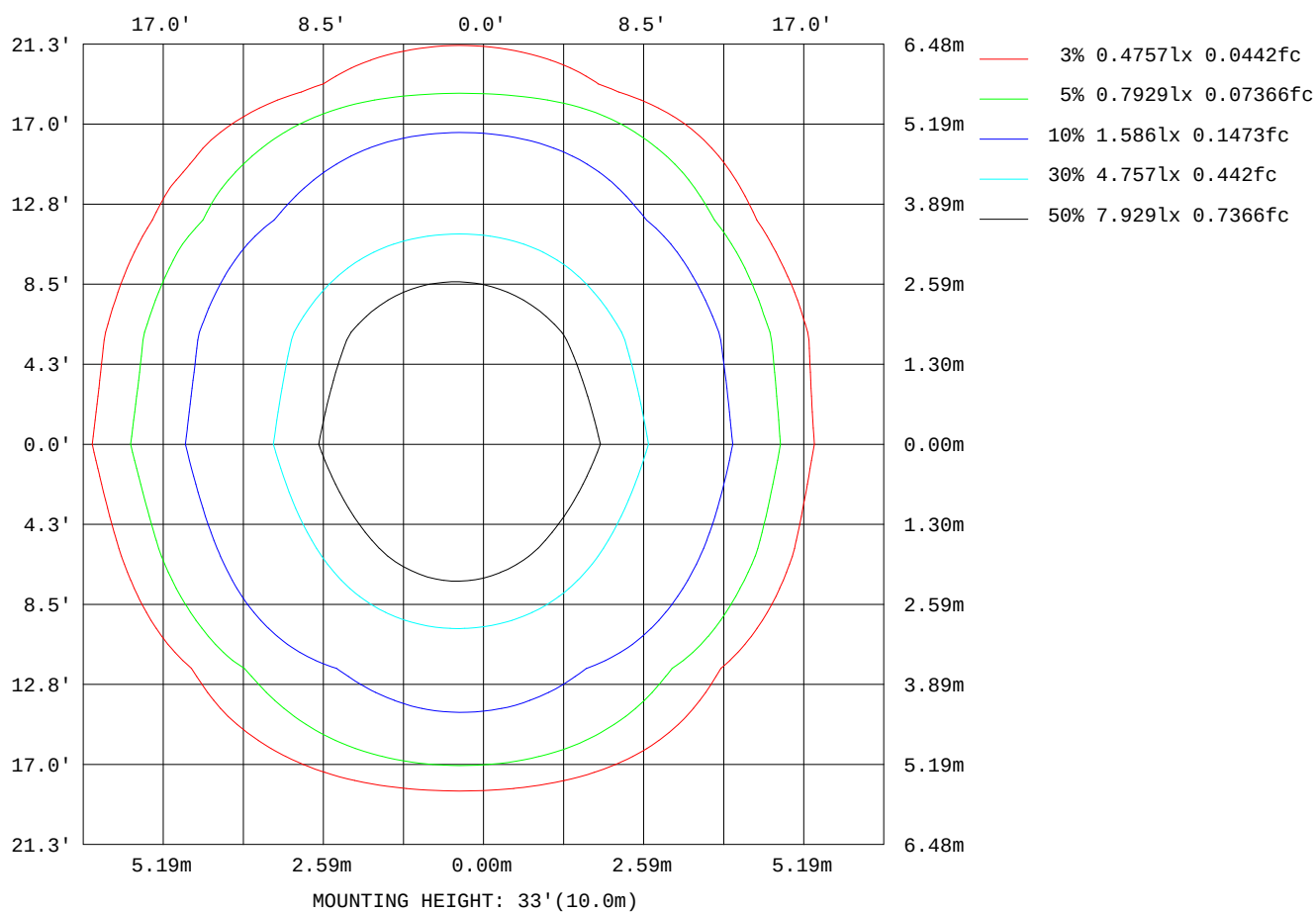
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	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:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:

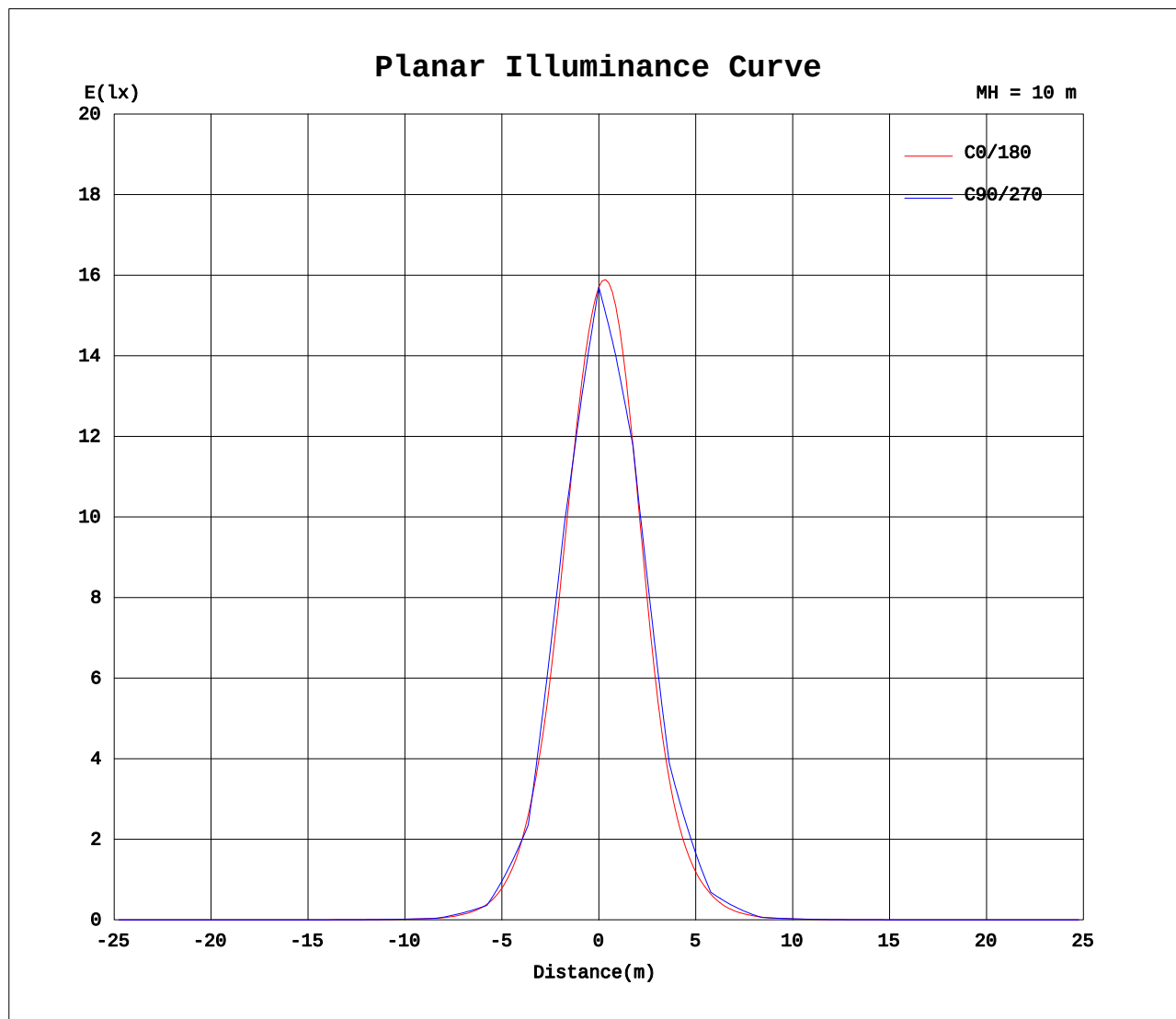
AvgL	cd/m2
L_0~180(65)av	100
L_0~180(75)av	12
L_0~180(85)av	24
L_90~270(65)av	387
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	647
L_45(75)av	9
L_45(85)av	0

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:

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:

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:0.0500A P:7.110W PF:0.6090 Freq:0Hz Lamp Flux:145.419x3 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:
SPEC.:7.5W	DIM.: L95*W45*H43mm	SERIAL No.:GEN2026108.01
MFR.: KOE Lighting Ltd.	SUR.:W25XL27X3	Shielding Angle:

UNIT: cd

[illegible]

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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1485	1476	1467	1460	1453	1448	1443	1440	1437	1434
5.0	1351	1336	1322	1311	1302	1295	1291	1288	1286	1286
7.5	1175	1156	1142	1132	1126	1122	1121	1123	1127	1125
10.0	976.2	958.4	946.4	939.7	937.7	939.9	944.2	933.9	927.7	926.0
12.5	774.4	759.3	751.1	749.0	752.9	752.6	739.5	730.9	726.4	726.2
15.0	589.2	578.7	575.5	578.6	581.5	565.4	552.9	544.9	540.5	552.1
17.5	437.4	430.1	429.4	435.0	423.9	409.7	398.3	393.1	406.2	421.3
20.0	314.2	310.6	313.3	315.6	300.6	288.2	281.4	291.6	303.5	316.5
22.5	215.3	215.6	221.4	218.1	205.9	195.4	203.1	213.1	223.7	221.1
25.0	143.6	145.6	152.1	145.1	137.1	136.4	143.8	153.1	148.9	141.7
27.5	93.82	96.50	101.7	94.81	89.26	94.30	100.6	98.43	91.96	83.94
30.0	59.92	62.37	64.64	59.52	58.71	63.78	65.20	59.65	54.08	60.92
32.5	38.99	40.80	40.95	37.47	38.94	42.73	39.74	33.97	38.48	43.63
35.0	25.27	26.85	26.42	24.24	26.41	26.88	23.72	24.42	27.61	28.97
37.5	15.42	17.31	16.88	16.43	18.35	17.22	16.10	17.90	18.94	17.79
40.0	9.998	11.10	10.65	11.06	12.25	11.19	12.12	13.14	12.44	11.38
42.5	7.192	7.878	7.386	7.899	8.098	7.961	9.275	9.214	8.546	9.131
45.0	5.364	5.870	5.368	5.927	5.690	6.133	6.703	6.407	6.927	7.280
47.5	3.971	4.347	4.057	4.427	4.196	4.834	4.825	5.064	5.576	5.440
50.0	2.916	3.193	3.057	3.194	3.261	3.583	3.607	4.043	4.127	3.892
52.5	2.076	2.278	2.267	2.244	2.522	2.586	2.835	3.024	2.907	3.145
55.0	1.390	1.561	1.631	1.515	1.836	1.860	2.155	2.096	2.292	2.472
57.5	0.8637	0.9827	1.093	1.049	1.184	1.354	1.416	1.530	1.759	1.738
60.0	0.4390	0.5343	0.5818	0.6630	0.6807	0.8552	0.8600	1.113	1.147	1.142
62.5	0.0892	0.1574	0.1558	0.2808	0.3444	0.3481	0.5325	0.6210	0.6726	0.7749
65.0	0.0042	0.0252	0.0012	0.0409	0.1083	0.0897	0.2247	0.2541	0.4101	0.4044
67.5	0.0042	0.0108	0.0026	0.0107	0.0045	0.0234	0.0220	0.1327	0.1715	0.0428
70.0	0.0042	0.0083	0.0047	0.0047	0	0.0027	0.0108	0.0383	0	0.0024
72.5	0.0042	0.0058	0.0075	0.0005	0	0.0003	0.0033	0	0	0.0005
75.0	0.0042	0.0025	0.0060	0	0	0	0	0	0	0
77.5	0.0042	0.0012	0.0016	0	0	0	0	0	0	0
80.0	0.0042	0.0053	0	0	0	0	0	0	0	0
82.5	0.0042	0.0055	0	0	0	0	0	0	0	0
85.0	0.0042	0	0	0	0	0	0	0	0	0
87.5	0.0042	0	0	0	0	0	0	0	0	0
90.0	0.0042	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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1432	1431	1431	1433	1433	1434	1436	1439	1443	1446
5.0	1287	1290	1292	1296	1299	1303	1307	1310	1315	1318
7.5	1123	1123	1127	1132	1139	1148	1156	1164	1174	1180
10.0	927.5	933.0	942.1	953.3	967.5	983.5	1000	1017	1033	1044
12.5	730.8	742.8	760.0	777.0	793.3	809.1	823.6	836.8	848.5	857.5
15.0	568.9	586.1	602.6	617.7	631.3	642.7	651.5	658.7	664.5	667.4
17.5	437.2	452.7	462.6	464.6	465.9	466.9	468.7	470.4	474.3	478.4
20.0	322.9	321.1	317.4	311.4	303.2	294.6	287.8	283.2	284.2	290.3
22.5	215.4	206.1	192.4	195.4	205.3	213.3	220.2	224.5	227.5	228.9
25.0	130.2	133.7	142.7	151.4	158.8	164.1	168.1	169.9	170.8	170.9
27.5	92.45	100.4	107.1	111.7	113.1	113.2	113.2	113.0	113.4	114.2
30.0	67.54	72.22	72.31	70.31	67.02	62.72	58.78	56.33	55.97	57.93
32.5	46.00	44.73	40.70	33.81	36.75	39.43	41.64	43.37	44.24	44.37
35.0	27.52	22.83	24.24	26.54	28.54	30.19	31.42	32.24	32.51	32.49
37.5	15.59	17.12	18.73	20.12	20.67	20.82	20.74	20.67	20.68	20.90
40.0	12.32	13.26	13.69	13.49	12.71	11.50	10.16	9.142	8.855	9.377
42.5	9.689	9.542	8.900	7.544	7.111	7.151	7.184	7.245	7.334	7.399
45.0	7.073	6.347	5.855	5.861	5.853	5.815	5.779	5.784	5.812	5.847
47.5	4.937	4.890	4.827	4.743	4.608	4.457	4.335	4.283	4.283	4.316
50.0	4.033	3.995	3.820	3.585	3.332	3.090	2.892	2.783	2.753	2.787
52.5	3.243	3.065	2.801	2.459	2.307	2.242	2.203	2.194	2.195	2.194
55.0	2.377	2.147	2.016	1.902	1.798	1.719	1.672	1.648	1.637	1.645
57.5	1.600	1.594	1.530	1.411	1.285	1.190	1.134	1.093	1.082	1.099
60.0	1.178	1.145	1.037	0.9015	0.7649	0.6577	0.5943	0.5381	0.5277	0.5533
62.5	0.7638	0.6663	0.5327	0.4100	0.4043	0.3969	0.4033	0.3928	0.3958	0.4047
65.0	0.3299	0.2462	0.2849	0.2991	0.2879	0.2757	0.2753	0.2634	0.2639	0.2715
67.5	0.1882	0.1708	0.1912	0.1896	0.1708	0.1533	0.1450	0.1335	0.1319	0.1377
70.0	0.0687	0.0984	0.0946	0.0771	0.0526	0.0308	0.0146	0.0036	0	0.0038
72.5	0.0261	0.0250	0.0002	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

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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1449	1454	1459	1465	1471	1477	1484	1493	1502	1511
5.0	1322	1326	1330	1336	1341	1348	1356	1365	1377	1391
7.5	1186	1192	1194	1196	1197	1197	1197	1197	1202	1215
10.0	1052	1057	1059	1056	1052	1045	1038	1031	1023	1018
12.5	864.8	870.3	874.1	877.3	880.7	883.9	877.1	860.9	846.1	833.2
15.0	669.7	671.1	672.6	674.0	675.6	677.3	679.5	682.5	680.5	660.6
17.5	483.6	486.7	489.1	488.9	486.4	488.5	493.3	497.5	501.7	506.8
20.0	381.2	313.7	325.7	336.0	342.7	344.3	341.7	343.7	352.0	359.3
22.5	228.7	226.4	223.1	219.6	221.5	233.1	238.0	238.1	235.8	246.3
25.0	169.9	168.3	166.7	164.7	162.0	158.8	158.8	164.2	164.7	160.8
27.5	115.1	115.8	115.8	114.4	114.1	113.8	112.8	111.3	112.6	110.9
30.0	62.13	67.14	71.62	74.71	76.18	76.06	77.43	77.52	75.95	75.35
32.5	44.10	43.26	41.65	39.50	45.69	49.40	50.32	50.52	50.96	49.81
35.0	32.35	31.87	31.02	29.82	28.46	27.66	31.64	32.56	32.53	32.97
37.5	21.30	21.54	21.43	21.06	20.73	20.00	19.09	20.86	21.30	21.64
40.0	10.57	12.05	13.36	14.21	14.41	14.31	14.18	13.74	14.51	14.58
42.5	7.457	7.542	7.648	8.226	9.597	10.20	10.21	10.36	10.25	10.59
45.0	5.918	6.037	6.191	6.333	6.452	6.999	7.628	7.725	7.823	7.821
47.5	4.420	4.584	4.781	4.972	5.185	5.379	5.584	6.004	5.896	5.908
50.0	2.940	3.174	3.464	3.750	4.014	4.258	4.485	4.628	4.626	4.370
52.5	2.237	2.304	2.406	2.588	2.970	3.274	3.455	3.606	3.622	3.371
55.0	1.694	1.770	1.880	2.011	2.171	2.372	2.610	2.670	2.720	2.655
57.5	1.154	1.242	1.359	1.501	1.670	1.785	1.855	1.970	1.933	1.947
60.0	0.6155	0.7169	0.8475	1.006	1.175	1.281	1.361	1.388	1.389	1.279
62.5	0.4206	0.4480	0.4837	0.5315	0.7002	0.8319	0.9035	0.9412	0.9243	0.8302
65.0	0.2871	0.3106	0.3441	0.3890	0.4292	0.4361	0.5148	0.5525	0.5222	0.4595
67.5	0.1515	0.1729	0.2039	0.2456	0.2786	0.2936	0.2769	0.2259	0.2280	0.1998
70.0	0.0153	0.0348	0.0631	0.1012	0.1374	0.1591	0.1573	0.1035	0.0335	0.0607
72.5	0	0	0	0	0.0003	0.0409	0.0633	0.0377	0.0135	0.0122
75.0	0	0	0	0	0	0	0	0.0055	0.0046	0.0064
77.5	0	0	0	0	0	0	0	0	0	0.0014
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	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1521	1531	1542	1553	1565	1577	1589	1582	1574	1567
5.0	1406	1423	1443	1464	1488	1514	1541	1523	1508	1493
7.5	1231	1252	1277	1305	1338	1374	1415	1389	1366	1348
10.0	1015	1036	1063	1096	1135	1180	1231	1197	1170	1149
12.5	822.5	815.2	831.9	865.5	906.0	953.8	1010	972.8	944.3	923.6
15.0	643.3	630.5	621.7	647.2	685.0	730.1	784.0	748.2	721.8	703.7
17.5	492.0	475.1	462.7	462.6	495.5	534.5	581.3	550.0	527.2	512.1
20.0	366.6	353.6	339.5	329.6	349.2	380.5	418.9	393.7	376.0	372.0
22.5	254.8	261.7	245.3	235.2	241.6	267.3	297.9	277.0	262.2	271.4
25.0	170.0	178.1	177.7	168.0	165.8	185.3	209.2	192.3	180.3	193.8
27.5	110.9	119.4	127.1	118.1	111.9	126.4	145.3	131.6	122.8	137.9
30.0	73.47	76.15	82.41	80.68	75.45	83.97	99.02	87.72	83.78	95.73
32.5	48.79	46.80	51.84	53.82	49.27	53.65	64.42	56.23	55.35	65.07
35.0	32.58	31.18	32.38	35.58	32.66	34.06	41.05	35.71	36.78	43.11
37.5	22.11	21.49	20.61	22.99	21.93	21.68	26.65	22.63	24.59	27.24
40.0	15.17	15.40	13.94	14.60	14.13	13.04	15.96	13.48	15.50	16.71
42.5	10.36	10.75	9.671	9.230	9.522	8.619	10.29	8.846	10.22	10.18
45.0	7.466	7.334	7.130	6.368	6.957	6.183	7.262	6.318	7.342	6.857
47.5	5.654	5.138	5.391	4.782	5.119	4.648	5.371	4.741	5.352	5.106
50.0	4.344	3.961	3.938	3.705	3.734	3.503	4.005	3.569	3.883	3.943
52.5	3.222	3.110	2.830	2.878	2.699	2.609	2.978	2.661	2.803	3.054
55.0	2.351	2.340	2.063	2.193	1.882	1.893	2.153	1.932	1.956	2.327
57.5	1.810	1.609	1.533	1.470	1.261	1.317	1.491	1.342	1.309	1.560
60.0	1.310	1.075	1.052	0.8703	0.8375	0.8470	0.9621	0.8661	0.8776	0.9303
62.5	0.7463	0.7218	0.5352	0.4437	0.4946	0.4602	0.5403	0.4766	0.5302	0.4998
65.0	0.3377	0.3483	0.1866	0.1378	0.1792	0.1050	0.1669	0.1166	0.2088	0.1809
67.5	0.0627	0.0755	0.0413	0.0067	0.0240	0.0018	0.0268	0.0026	0.0286	0.0100
70.0	0.0074	0.0051	0.0116	0.0069	0.0038	0.0029	0.0127	0.0015	0.0043	0.0046
72.5	0.0099	0.0042	0.0034	0.0119	0.0010	0.0046	0.0127	0.0023	0.0005	0.0080
75.0	0.0104	0.0097	0.0024	0.0056	0.0025	0.0068	0.0085	0.0034	0.0019	0.0051
77.5	0.0050	0.0098	0.0086	0.0005	0.0068	0.0072	0.0085	0.0036	0.0034	0.0005

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	0.0034	0.0076	0.0049	0.0046	0.0031	0.0085	0.0016	0.0023	0.0024
82.5	0	0	0.0009	0.0059	0.0024	0.0015	0.0053	0.0015	0.0012	0.0030
85.0	0	0	0	0	0.0057	0.0022	0.0042	0.0022	0.0029	0
87.5	0	0	0	0	0	0.0054	0.0032	0	0	0
90.0	0	0	0	0	0	0	0.0000	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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1560	1553	1547	1541	1536	1530	1524	1520	1516	1512
5.0	1481	1470	1461	1454	1448	1443	1439	1436	1433	1431
7.5	1334	1322	1314	1311	1309	1316	1325	1332	1338	1342
10.0	1134	1125	1122	1143	1165	1188	1209	1227	1243	1253
12.5	910.3	915.3	946.2	980.7	1017	1054	1090	1104	1098	1091
15.0	700.3	735.5	776.2	821.9	870.9	880.1	878.2	877.0	876.0	874.9
17.5	535.7	575.6	623.3	665.4	662.4	660.7	659.7	659.0	663.0	672.1
20.0	403.1	442.5	480.4	477.0	474.0	470.4	476.1	488.6	497.1	500.5
22.5	300.9	338.4	334.3	329.0	322.6	335.9	347.4	353.6	353.5	360.0
25.0	219.7	231.6	225.5	219.2	231.0	241.1	246.8	253.9	262.9	271.0
27.5	157.8	152.2	146.7	152.6	164.4	171.6	177.1	182.1	186.2	190.4
30.0	102.4	97.62	99.10	108.7	113.3	118.8	121.2	122.5	127.0	128.7
32.5	64.74	60.72	67.75	75.49	78.05	76.88	79.38	81.56	80.15	74.56
35.0	40.22	40.79	46.31	48.77	48.82	50.43	50.75	48.57	51.68	55.12
37.5	24.99	27.89	30.71	30.63	30.97	31.88	31.36	34.12	36.22	37.48
40.0	16.54	19.51	19.90	19.53	20.25	20.15	21.94	23.01	23.88	23.92
42.5	11.15	13.11	12.82	13.55	13.59	14.29	14.65	15.35	14.71	12.24
45.0	8.058	8.514	8.905	9.656	9.965	10.04	10.31	9.653	8.974	9.011
47.5	5.982	5.787	6.537	7.077	7.179	7.517	7.107	7.073	7.018	6.885
50.0	4.291	4.393	4.944	5.066	5.506	5.617	5.582	5.454	5.271	5.027
52.5	3.052	3.434	3.623	3.868	4.244	4.313	4.225	4.107	3.783	3.295
55.0	2.221	2.570	2.630	3.045	3.163	3.157	3.165	2.929	2.701	2.561
57.5	1.656	1.768	2.031	2.231	2.242	2.329	2.242	2.207	2.091	1.937
60.0	1.148	1.198	1.481	1.477	1.618	1.647	1.655	1.597	1.499	1.344
62.5	0.6075	0.8277	0.8723	0.9864	1.096	1.125	1.119	1.065	0.9336	0.7762
65.0	0.2344	0.4172	0.4391	0.5808	0.6459	0.6891	0.6701	0.5990	0.5927	0.5635
67.5	0.0541	0.1060	0.1335	0.2629	0.3083	0.3290	0.3822	0.4037	0.3857	0.3511
70.0	0.0109	0.0071	0.0181	0.0809	0.0708	0.1729	0.2201	0.2210	0.1901	0.1436
72.5	0.0023	0.0014	0.0063	0.0075	0.0255	0.0719	0.0889	0.0569	0.0004	0
75.0	0.0008	0.0032	0.0052	0.0043	0.0061	0.0113	0	0	0	0
77.5	0.0030	0.0033	0.0017	0.0010	0	0	0	0	0	0
80.0	0.0031	0.0011	0	0	0	0	0	0	0	0
82.5	0.0004	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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1508	1503	1499	1496	1494	1489	1486	1483	1480	1478
5.0	1428	1426	1424	1419	1416	1410	1406	1399	1392	1385
7.5	1342	1342	1338	1332	1324	1313	1301	1289	1275	1263
10.0	1258	1259	1255	1246	1232	1213	1192	1169	1146	1123
12.5	1084	1076	1067	1057	1045	1031	1015	997.5	978.1	957.0
15.0	873.5	870.7	866.9	862.9	858.0	849.7	839.2	826.3	809.9	790.1
17.5	676.8	676.7	674.0	668.3	662.9	655.9	649.4	642.0	634.5	625.8
20.0	498.4	492.1	483.1	474.2	467.9	463.1	460.3	459.5	458.1	455.9
22.5	369.1	375.7	379.2	379.9	378.1	373.1	364.6	353.2	338.2	320.4
25.0	278.0	283.1	286.3	288.0	288.3	286.8	282.7	275.9	265.4	251.3
27.5	196.4	199.4	199.6	198.5	197.4	196.7	196.3	195.8	193.5	188.8
30.0	127.1	122.4	115.7	109.7	106.6	106.9	110.6	116.0	120.5	122.4
32.5	78.73	81.83	83.33	83.87	83.60	82.16	79.84	76.39	70.83	63.76
35.0	57.69	59.41	60.23	60.50	60.59	60.16	59.27	57.55	54.01	49.01
37.5	38.69	38.98	38.49	37.77	37.38	37.41	37.91	38.44	37.96	36.16
40.0	22.63	20.19	17.36	15.18	14.17	14.71	16.69	19.41	21.68	22.86
42.5	11.42	11.52	11.56	11.63	11.54	11.33	11.09	10.84	10.48	11.10
45.0	9.004	8.992	8.932	8.936	8.911	8.830	8.740	8.653	8.491	8.250
47.5	6.730	6.590	6.411	6.306	6.255	6.249	6.309	6.432	6.541	6.579
50.0	4.673	4.293	3.936	3.688	3.599	3.673	3.882	4.196	4.541	4.842
52.5	3.086	3.000	2.942	2.905	2.899	2.902	2.910	2.942	3.005	3.186
55.0	2.436	2.326	2.254	2.206	2.199	2.212	2.242	2.294	2.376	2.481
57.5	1.797	1.668	1.576	1.516	1.498	1.512	1.563	1.636	1.746	1.883
60.0	1.175	1.021	0.9028	0.8272	0.7969	0.8120	0.8839	0.9746	1.105	1.260
62.5	0.7199	0.6667	0.6298	0.6080	0.5977	0.5969	0.6143	0.6239	0.6455	0.6610
65.0	0.5121	0.4622	0.4276	0.4073	0.3985	0.4007	0.4181	0.4334	0.4593	0.4827
67.5	0.3035	0.2572	0.2253	0.2065	0.1992	0.2031	0.2202	0.2412	0.2723	0.3056
70.0	0.0940	0.0518	0.0227	0.0056	0	0.0055	0.0222	0.0485	0.0841	0.1248

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	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
2.5	1474	1472	1470	1469	1468	1468	1468	1469	1470	1473
5.0	1376	1369	1361	1354	1348	1343	1338	1335	1335	1336
7.5	1250	1240	1231	1224	1216	1202	1189	1179	1171	1166
10.0	1101	1081	1063	1049	1037	1030	1028	1009	992.7	980.7
12.5	934.9	912.0	887.9	865.7	848.3	836.0	828.6	826.8	811.8	792.4
15.0	767.6	742.7	716.3	689.7	666.4	651.6	642.1	638.5	640.0	621.8
17.5	616.0	596.3	569.0	541.9	516.6	493.8	482.0	476.9	476.8	474.6
20.0	451.9	445.4	437.4	420.2	395.3	373.4	354.9	347.4	346.4	349.9
22.5	307.4	308.3	306.7	304.2	299.7	279.2	260.6	245.6	243.7	245.9
25.0	233.8	213.5	202.0	206.2	206.7	205.4	187.7	172.8	164.9	164.8
27.5	177.0	161.8	147.4	131.8	133.6	135.4	132.5	118.6	108.8	109.3
30.0	121.2	118.0	108.2	95.27	82.85	84.13	85.98	81.41	73.68	70.60
32.5	70.89	74.22	73.60	67.72	58.03	49.60	53.19	55.07	48.30	44.32
35.0	43.39	38.66	43.35	43.91	40.52	34.19	31.35	33.77	31.87	28.16
37.5	32.51	28.00	23.55	25.67	26.59	24.02	20.46	20.91	21.54	18.48
40.0	22.69	20.81	17.82	15.36	16.44	16.85	14.86	13.09	13.88	12.08
42.5	13.47	14.02	13.48	11.96	10.70	11.30	11.00	9.068	8.942	8.513
45.0	7.948	8.501	9.312	9.304	8.506	7.534	7.713	6.868	6.238	6.356
47.5	6.471	6.289	6.149	6.744	6.745	5.872	5.457	5.379	4.574	4.716
50.0	5.053	5.113	5.001	4.703	4.908	4.672	4.059	3.962	3.541	3.393
52.5	3.632	3.903	4.025	3.800	3.448	3.501	3.199	2.850	2.735	2.389
55.0	2.597	2.725	2.951	2.997	2.726	2.448	2.447	2.065	1.996	1.622
57.5	2.012	2.048	2.001	2.118	2.110	1.810	1.631	1.524	1.303	1.132
60.0	1.417	1.513	1.504	1.416	1.410	1.346	1.033	0.9865	0.7677	0.7281
62.5	0.8048	0.9386	1.021	0.9966	0.8650	0.7893	0.6704	0.4478	0.4123	0.3258
65.0	0.4753	0.4288	0.5100	0.5686	0.5351	0.3684	0.2966	0.1456	0.1358	0.0528
67.5	0.3189	0.2977	0.2310	0.1317	0.2252	0.2006	0.0303	0.0437	0.0060	0.0126
70.0	0.1579	0.1716	0.1475	0.0504	0	0.0626	0.0139	0.0087	0.0014	0.0068
72.5	0.0003	0.0438	0.0596	0.0256	0	0	0.0036	0.0051	0.0031	0.0006
75.0	0	0	0	0.0030	0	0	0	0.0015	0.0034	0.0017
77.5	0	0	0	0	0	0	0	0	0.0013	0.0040
80.0	0	0	0	0	0	0	0	0	0	0.0018
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	1571	1571								
2.5	1476	1480								
5.0	1339	1344								
7.5	1165	1168								
10.0	973.6	972.0								
12.5	779.7	773.6								
15.0	603.7	592.6								
17.5	455.1	442.7								
20.0	335.7	321.5								
22.5	239.9	224.5								
25.0	165.4	151.9								
27.5	111.4	101.3								
30.0	72.04	65.99								
32.5	45.38	43.03								
35.0	28.93	28.14								
37.5	18.13	17.97								
40.0	11.26	11.42								
42.5	7.759	8.075								
45.0	5.609	6.001								
47.5	4.229	4.436								
50.0	3.183	3.256								
52.5	2.363	2.326								
55.0	1.706	1.595								
57.5	1.148	1.008								
60.0	0.6202	0.5516								
62.5	0.1816	0.1673								

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:

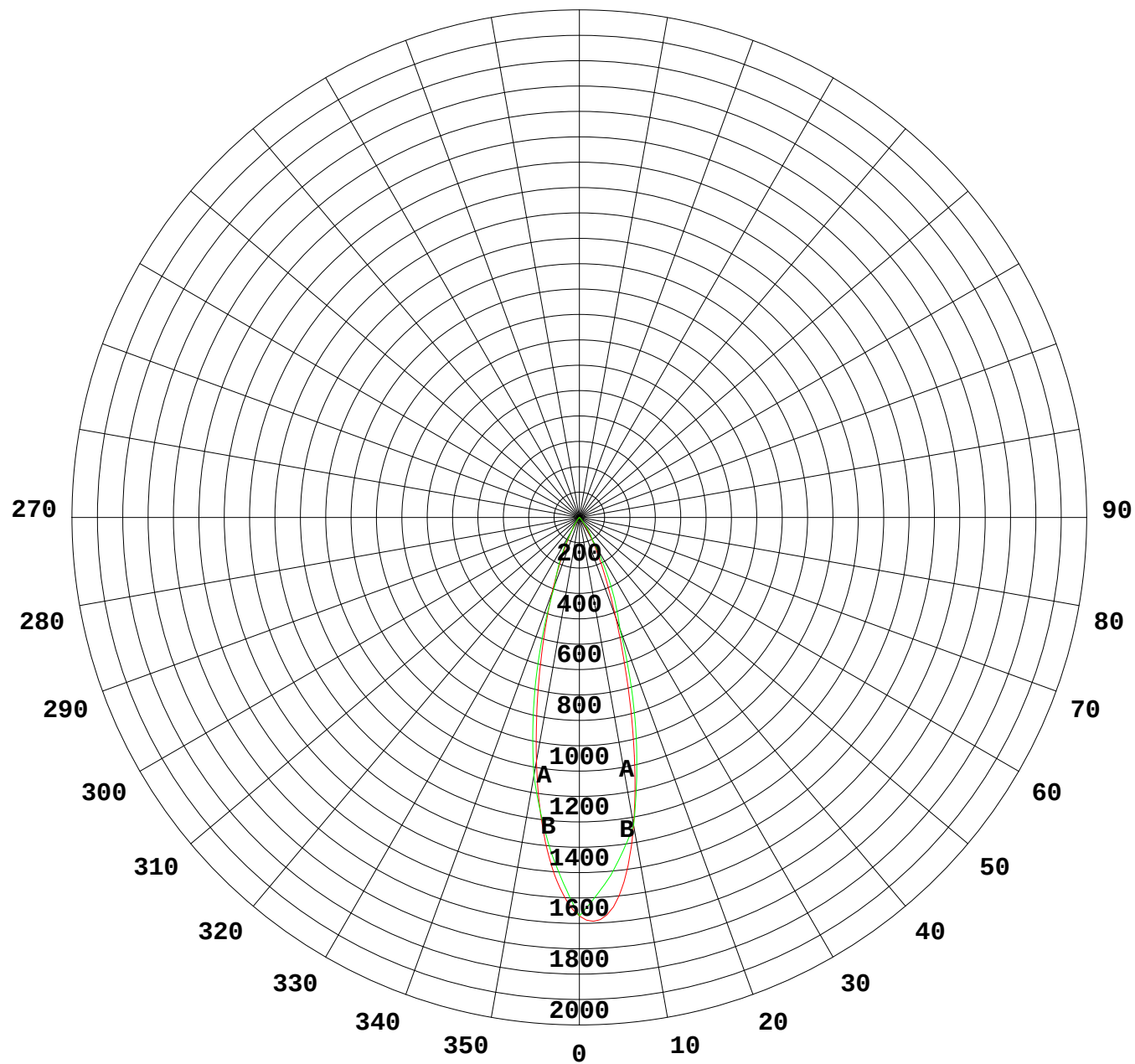
Photometric Data Table [cd]

65.0	0.0016	0.0215
67.5	0.0041	0.0035
70.0	0.0049	0.0028
72.5	0.0075	0.0019
75.0	0.0060	0.0008
77.5	0.0016	0.0012
80.0	0.0011	0.0053
82.5	0.0000	0.0055
85.0	0	0
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

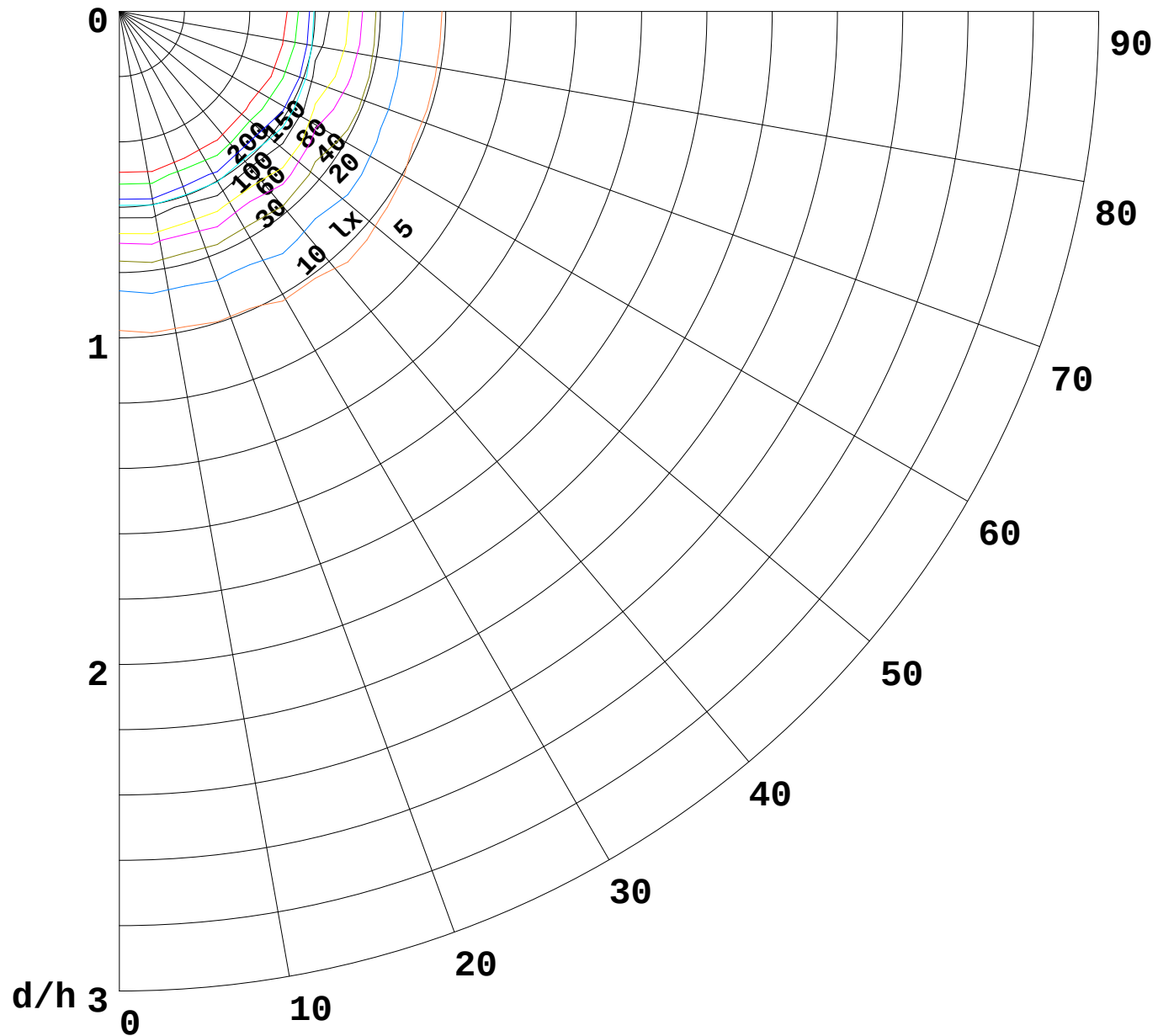
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

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

