

TEST REPORT

Report reference No.....	GEN2026075.01								
Product.....	LED Grille Light								
Family Name.....	U23								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: U23GR-FA18S1 SBK 3000K[CRI90] W24D (LP590-25-48V U23)									
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 (°)
DC48V	18W	18	1440	1340	F	1360	50000	3000K	24
Power supply	LP590-25-48V U23								
Light model	SMD LED PH-XYD-2835-3C6B-V2.0 9V 1W,3000K(W) 18PCS, 345.5x15.2x1.0<CRI90>, 1830LM								

Light Output Ratio:	79%	
Luminaire Power:	16.8W	
SUR.:	0.00362 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: 2026-07-28

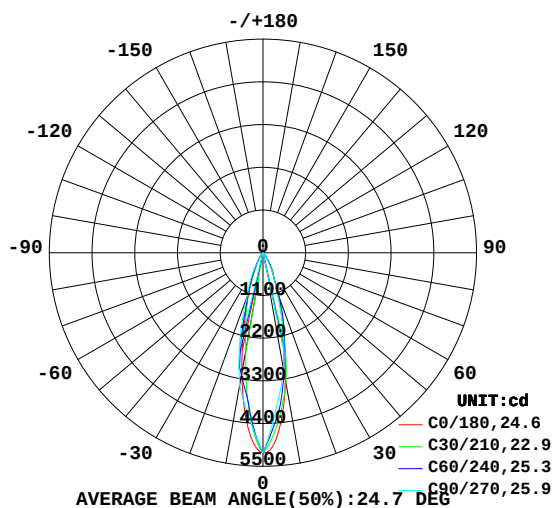
V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

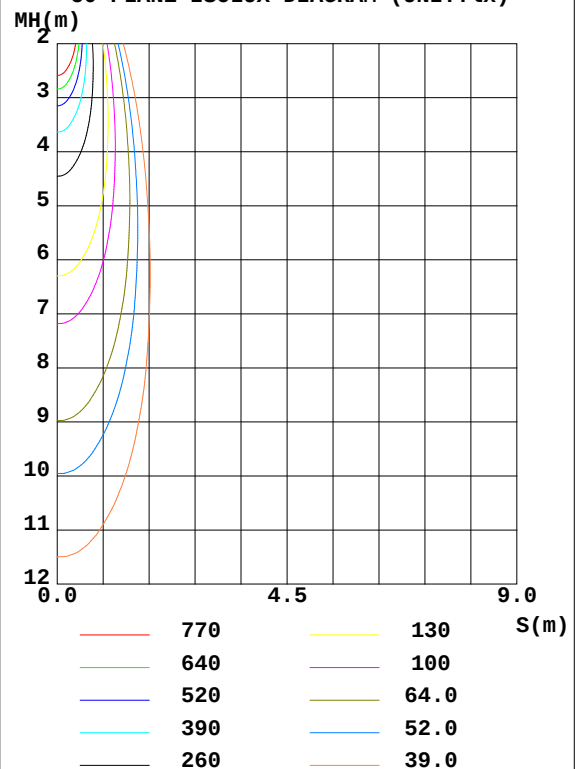
Test:U:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.92 lm/W			
MODEL PH-XYD-2835-3C6B-V2.0		I _{max} (cd)	5158	S/MH(C0/180)	0.41
NOMINAL POWER(W)	15.8	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	27	TOTAL FLUX(lm)	1359.5	η UP, DN(C0-180)	0.0, 48.1
NOMINAL FLUX(lm)	75.5294	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 51.9
LAMPS INSIDE	18	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	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:2026-07-28

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	4621	4310	3990	3856	4499	4028	4223	4451	0- 5	109.3	109.3	8.04, 8.04
10	3319	3210	3039	2577	3146	2884	3468	3385	5- 10	257.4	366.6	27, 27
15	1981	1961	1952	1718	1853	2045	2289	2088	10- 15	294.3	660.9	48.6, 48.6
20	1102	1280	970.6	840.1	1003	1004	1171	1362	15- 20	244.0	904.9	66.6, 66.6
25	618.5	657.6	621.3	469.5	548.5	566.6	745.5	683.6	20- 25	170.2	1075	79.1, 79.1
30	356.5	361.4	298.7	268.7	305.1	318.0	335.9	366.0	25- 30	115.6	1191	87.6, 87.6
35	206.8	225.4	190.7	141.9	172.6	161.4	212.9	221.7	30- 35	73.54	1264	93, 93
40	120.9	112.0	89.19	82.64	101.6	95.10	93.62	103.9	35- 40	47.22	1311	96.5, 96.5
45	58.83	67.58	50.43	33.94	46.72	39.25	53.36	61.72	40- 45	27.26	1339	98.5, 98.5
50	18.21	17.70	13.18	12.05	15.00	14.46	14.17	16.26	45- 50	13.16	1352	99.4, 99.4
55	5.696	9.285	7.396	4.244	5.107	5.107	8.173	8.957	50- 55	4.733	1357	99.8, 99.8
60	2.337	2.048	1.925	1.630	2.332	2.005	2.398	2.361	55- 60	1.866	1358	99.9, 99.9
65	1.131	1.020	0.9685	0.5916	1.140	0.8385	1.311	1.275	60- 65	0.7703	1359	100, 100
70	0.0687	0.2451	0.0122	0.0948	0.0994	0.2375	0.2324	0.4137	65- 70	0.2885	1359	100, 100
75	0.0204	0.0358	0.0122	0.0143	0.0245	0.0117	0.1162	0.0533	70- 75	0.0369	1360	100, 100
80	0.0204	0.0122	0.0122	0.0122	0.0164	0	0.0041	0.0073	75- 80	0.0071	1360	100, 100
85	0.0204	0.0113	0.0122	0.0122	0.0122	0.0012	0.0041	0.0041	80- 85	0.0044	1360	100, 100
90	0.0204	0.0082	0.0122	0.0122	0.0031	0.0041	0.0041	0.0041	85- 90	0.0041	1360	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): 1338.7 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(120deg): 1358.4 lm

%lum = 99.9%

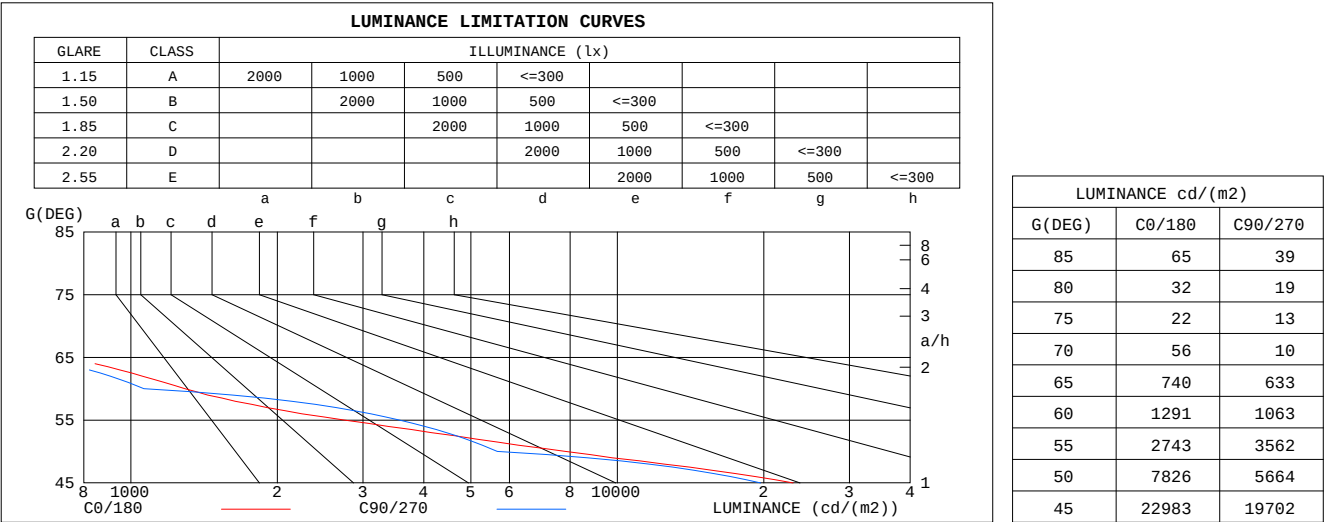
%lamp = 99.9%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-28

$V(B)$ 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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...



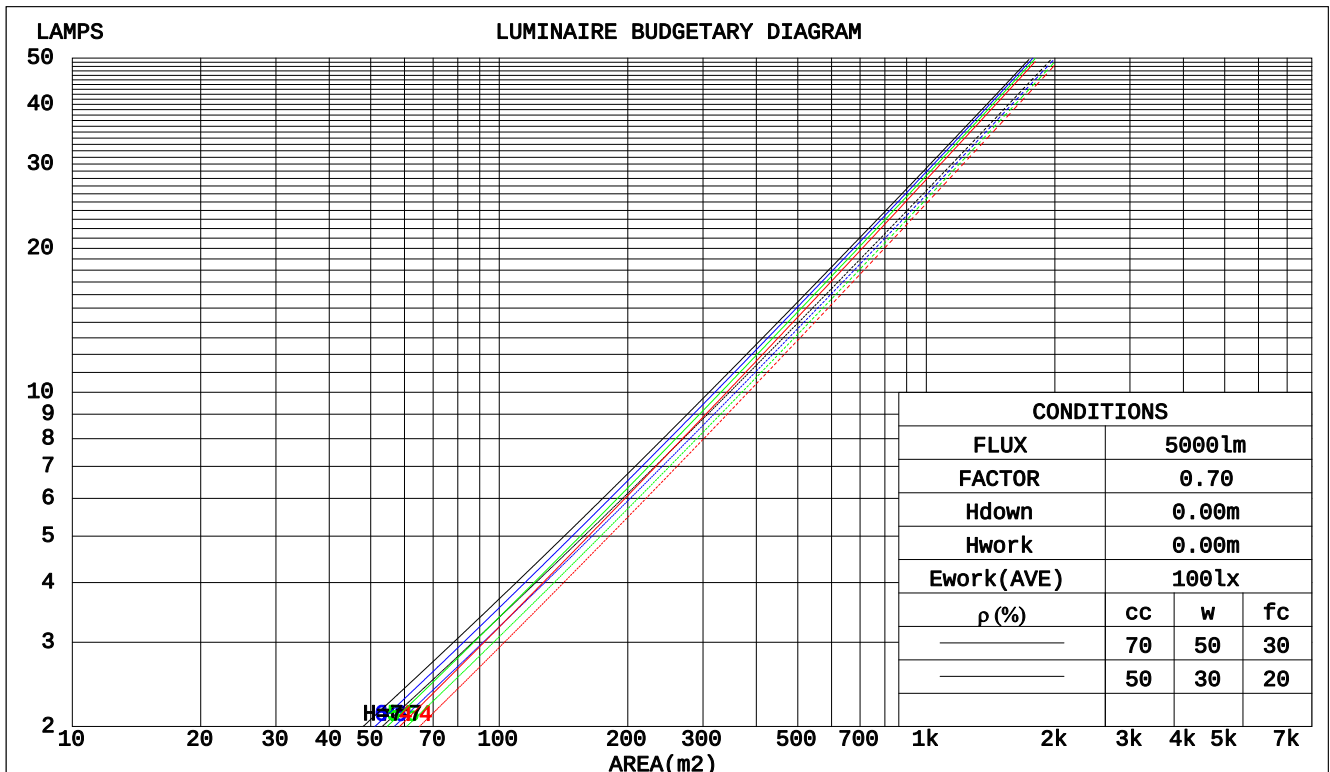
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	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	.00
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.01	.99	.97	.98	.97	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.90	.96	.93	.97	.94	.91	.95	.92	.90	.93	.90	.89	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.87	.84	.91	.87	.83	.89	.85	.83	.88	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.84	.80	.76	.84	.79	.76	.83	.79	.76	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.76	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.71
9.0	.78	.73	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.70	.68
10.0	.75	.71	.68	.75	.71	.68	.74	.70	.67	.74	.70	.67	.73	.70	.67	.66



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-28

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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm								
NAME: LED Grille Light				TYPE:fixed			WEIGHT:221g	
SPEC.:18W				DIM.: L351*W23*H27			SERIAL No.:GEN2026075.01	
MFR.: KOE Lighting Ltd.				SUR.:D16X18			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	.149	.085	.027	.143	.081	.026	.130	.075	.024	.119	.069	.022	.108	.063	.020	
2.0	.140	.077	.024	.135	.074	.023	.125	.069	.022	.115	.065	.020	.106	.060	.019	
3.0	.132	.070	.021	.128	.068	.021	.119	.064	.020	.111	.061	.019	.103	.057	.018	
4.0	.125	.065	.019	.121	.063	.019	.114	.060	.018	.107	.057	.017	.100	.055	.017	
5.0	.118	.060	.017	.115	.059	.017	.109	.057	.017	.103	.054	.016	.097	.052	.016	
6.0	.113	.056	.016	.110	.055	.016	.104	.053	.016	.099	.051	.015	.094	.050	.015	
7.0	.107	.053	.015	.105	.052	.015	.100	.050	.015	.095	.049	.014	.091	.047	.014	
8.0	.102	.050	.014	.100	.049	.014	.096	.048	.014	.092	.047	.013	.088	.045	.013	
9.0	.098	.047	.013	.096	.047	.013	.092	.046	.013	.089	.044	.013	.085	.043	.013	
10.0	.094	.045	.013	.092	.045	.012	.089	.044	.012	.086	.043	.012	.083	.042	.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	.116	.130	.114	.101	.089	.079	.070	.051	.046	.041	.017	.015	.013		
3.0	.138	.113	.094	.118	.098	.081	.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	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008		
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006		
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006		
8.0	.095	.062	.039	.081	.054	.034	.056	.038	.024	.033	.022	.014	.011	.007	.005		
9.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004		
10.0	.084	.052	.030	.073	.045	.026	.050	.032	.019	.029	.019	.011	.010	.006	.004		

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-28

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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm											
NAME: LED Grille Light					TYPE:fixed			WEIGHT:221g			
SPEC.:18W					DIM.: L351*W23*H27			SERIAL No.:GEN2026075.01			
MFR.: KOE Lighting Ltd.					SUR.:D16X18			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		15.6	16.4	15.8	16.5	16.7	14.7	15.4	14.9	15.6	15.7
	3H	15.5	16.1	15.7	16.3	16.5	14.5	15.2	14.7	15.4	15.6
	4H	15.4	16.0	15.6	16.2	16.5	14.4	15.1	14.7	15.3	15.5
	6H	15.3	15.9	15.6	16.1	16.4	14.3	15.0	14.6	15.2	15.4
	8H	15.2	15.8	15.5	16.1	16.3	14.3	14.9	14.6	15.1	15.4
	12H	15.2	15.8	15.5	16.0	16.3	14.2	14.8	14.6	15.1	15.3
4H	2H	15.4	16.0	15.6	16.2	16.5	14.4	15.1	14.7	15.3	15.5
	3H	15.2	15.8	15.5	16.0	16.3	14.3	14.8	14.6	15.1	15.4
	4H	15.1	15.6	15.5	15.9	16.2	14.2	14.7	14.5	15.0	15.3
	6H	15.0	15.5	15.4	15.8	16.1	14.1	14.5	14.4	14.9	15.2
	8H	15.0	15.4	15.3	15.7	16.1	14.0	14.4	14.4	14.8	15.1
	12H	14.9	15.3	15.3	15.7	16.1	14.0	14.3	14.4	14.7	15.1
8H	4H	15.0	15.4	15.3	15.7	16.1	14.0	14.4	14.4	14.8	15.1
	6H	14.8	15.2	15.3	15.6	16.0	13.9	14.3	14.3	14.6	15.1
	8H	14.8	15.1	15.2	15.5	16.0	13.8	14.2	14.3	14.6	15.0
	12H	14.7	15.0	15.2	15.4	15.9	13.8	14.0	14.2	14.5	15.0
12H	4H	14.9	15.3	15.3	15.7	16.1	14.0	14.3	14.4	14.7	15.1
	6H	14.8	15.1	15.2	15.5	16.0	13.8	14.2	14.3	14.6	15.0
	8H	14.7	15.0	15.2	15.4	15.9	13.8	14.0	14.2	14.5	15.0
Variations with the observer position at spacings:											
S = 1.0H	+ 2.7 / -16.0					+ 2.6 / -13.7					
1.5H	+ 4.3 / -11.0					+ 4.3 / -12.6					
2.0H	+ 7.0 / -13.4					+ 6.4 / -15.9					

CIE Pub.117, 1360 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.1$)

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Temperature:25.3DEG
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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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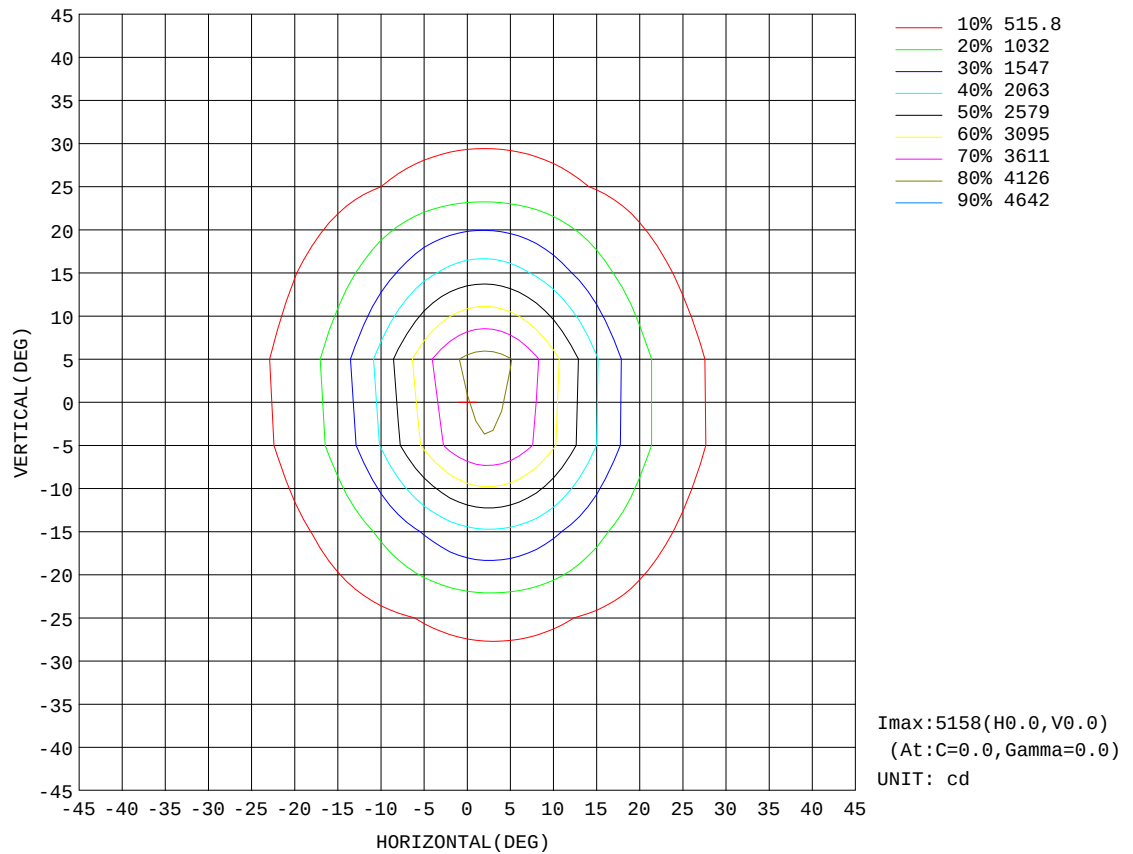
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

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ISOCANDELA DIAGRAM

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SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...

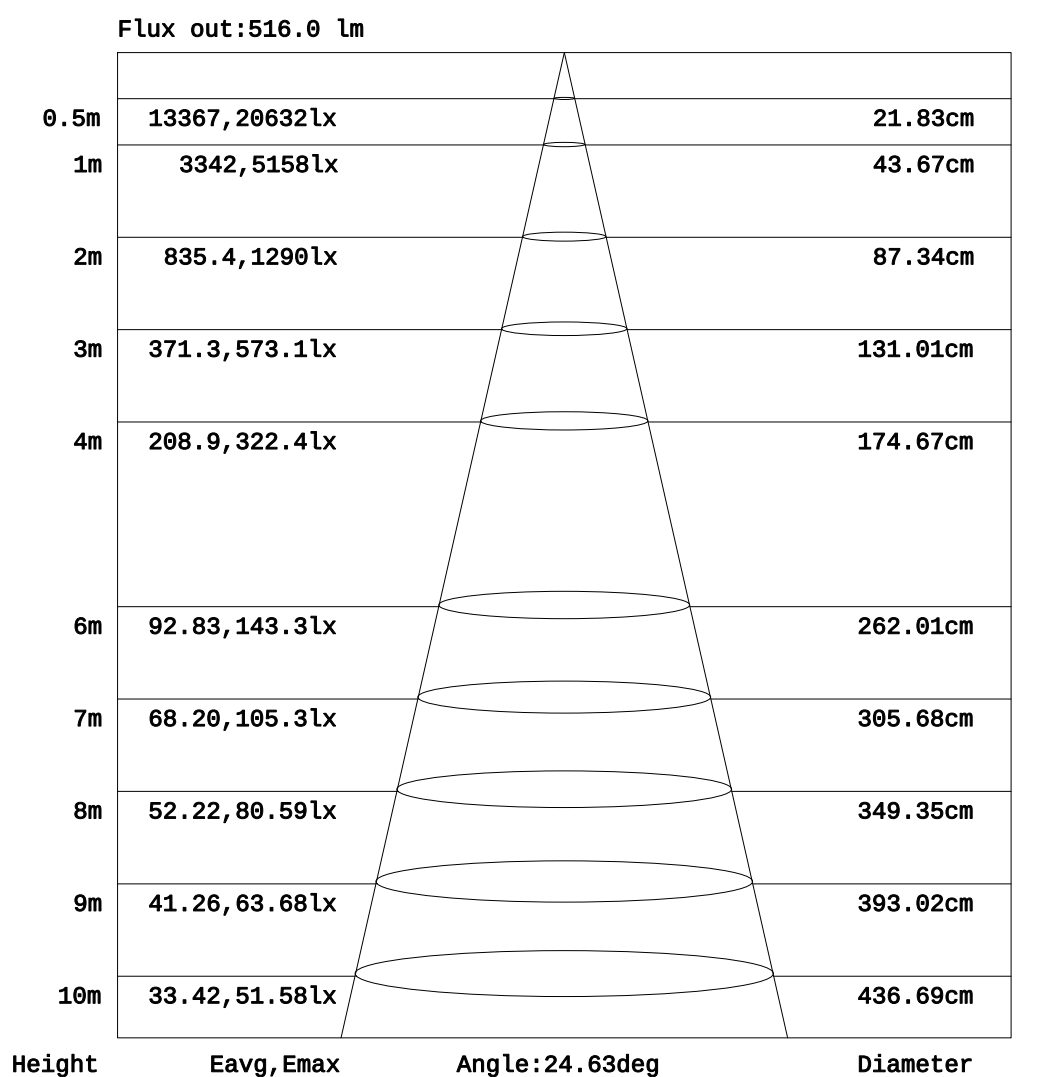


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-28

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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...



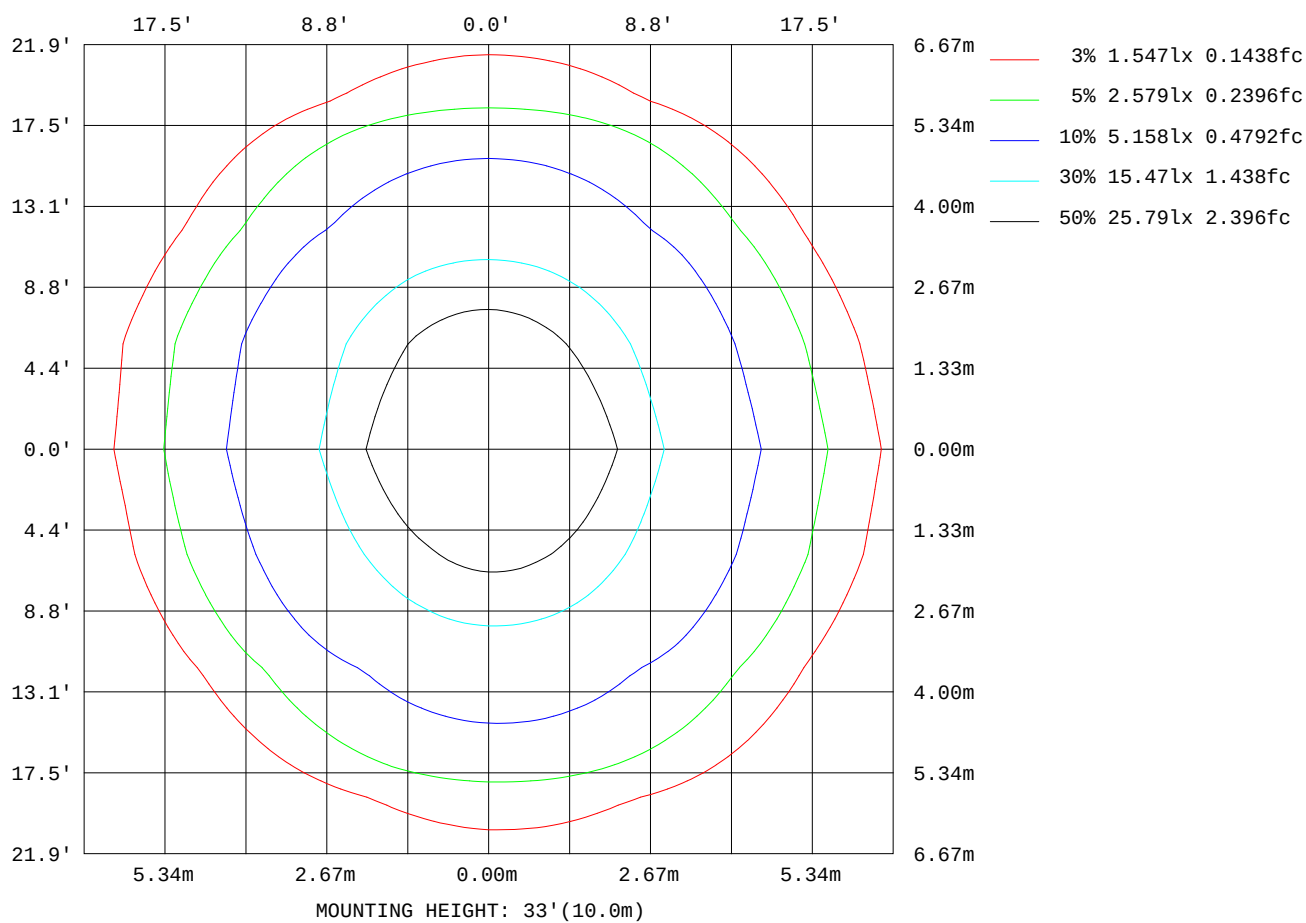
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-28

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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-28

V(β) Range:-90 - 90DEG
V(β) 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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...

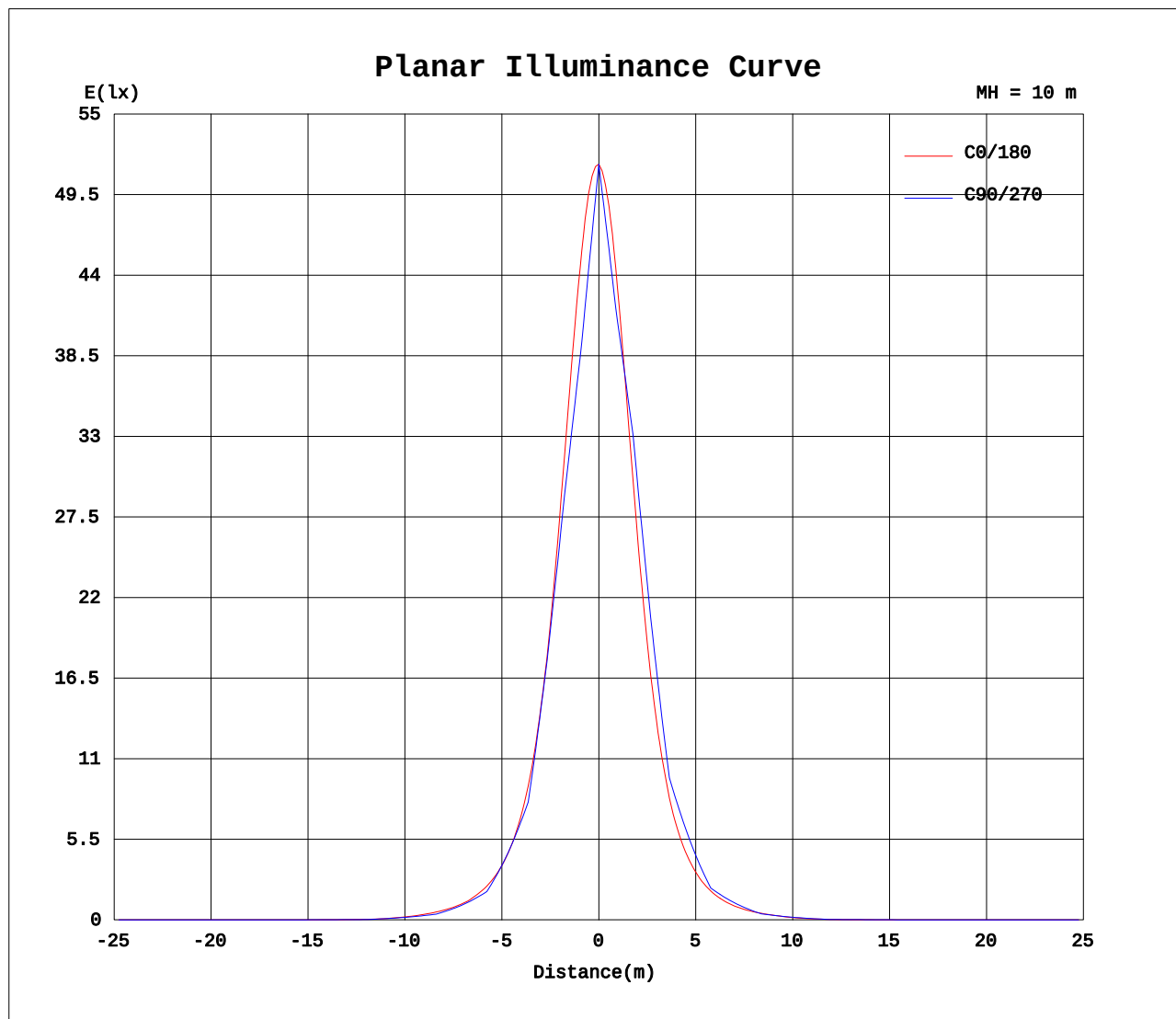
AvgL	cd/m2
L_0~180(65)av	742
L_0~180(75)av	24
L_0~180(85)av	52
L_90~270(65)av	745
L_90~270(75)av	69
L_90~270(85)av	26
L_45(65)av	609
L_45(75)av	31
L_45(85)av	23

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:2026-07-28

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:2026-07-28

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:48.00V I:0.3500A P:16.80W PF:1.000 Freq:0Hz Lamp Flux:75.5294x18 lm		
NAME: LED Gille Light	TYPE:fixed	WEIGHT:221g
SPEC.:18W	DIM.: L351*W23*H27	SERIAL No.:GEN2026075.01
MFR.: KOE Lighting Ltd.	SUR.:D16X18	Shielding Angle:...

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-07-28

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:

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	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	5032	4992	4955	4919	4886	4855	4826	4800	4772	4743
5.0	4621	4568	4521	4481	4446	4416	4389	4366	4339	4310
7.5	4026	3981	3948	3927	3914	3907	3904	3906	3902	3860
10.0	3319	3301	3301	3317	3345	3380	3412	3337	3267	3210
12.5	2614	2625	2659	2712	2782	2801	2717	2646	2583	2533
15.0	1981	2016	2076	2159	2224	2136	2060	1990	1929	1961
17.5	1489	1533	1599	1688	1645	1567	1497	1452	1520	1584
20.0	1102	1150	1220	1274	1197	1123	1086	1147	1215	1280
22.5	825.8	869.3	930.7	925.7	859.9	798.9	846.1	908.4	975.8	952.0
25.0	618.5	658.7	715.5	676.4	621.5	620.0	668.4	725.7	700.3	657.6
27.5	468.7	504.2	545.9	497.7	454.3	488.8	533.7	520.0	483.0	441.7
30.0	356.5	388.1	408.1	367.5	356.7	389.5	396.4	364.9	335.4	361.4
32.5	274.0	301.2	305.3	271.9	282.2	309.6	282.2	250.8	273.6	296.5
35.0	206.8	232.7	229.4	204.1	224.6	225.3	198.1	202.7	224.1	225.4
37.5	159.2	180.5	170.7	160.4	179.2	161.3	149.7	166.2	171.6	158.3
40.0	120.9	140.0	123.4	124.4	133.2	113.1	120.9	131.1	120.9	112.0
42.5	87.77	107.8	90.55	95.94	93.04	84.33	97.14	90.69	83.05	89.04
45.0	58.83	78.22	59.26	73.17	59.02	63.67	66.53	55.83	63.39	67.58
47.5	34.41	50.27	37.35	47.25	33.91	46.65	38.30	39.49	47.05	40.56
50.0	18.21	27.75	22.41	25.80	22.26	26.59	20.48	28.04	26.04	17.70
52.5	10.21	14.48	13.50	12.21	14.77	12.37	13.97	15.90	9.438	12.95
55.0	5.696	7.718	8.232	5.826	8.631	6.352	9.111	6.443	6.835	9.285
57.5	3.450	4.210	5.020	3.961	4.227	4.511	4.367	3.739	4.995	4.709
60.0	2.337	2.616	2.881	2.905	2.387	2.979	2.228	2.894	2.743	2.048
62.5	1.677	1.778	1.814	1.999	1.887	1.674	1.774	1.761	1.462	1.569
65.0	1.131	1.223	1.129	1.207	1.320	1.139	1.188	1.011	1.053	1.020
67.5	0.5846	0.7766	0.7720	0.7228	0.5650	0.7539	0.5791	0.6471	0.5265	0.4058
70.0	0.0687	0.3471	0.3950	0.3684	0.2632	0.1445	0.3568	0.2583	0.0428	0.2451
72.5	0.0204	0.0644	0.0399	0.0267	0.0893	0.0413	0.1255	0.0086	0.0430	0.1539
75.0	0.0204	0.0227	0.0156	0.0090	0.0154	0.0147	0.0089	0.0102	0.0231	0.0358
77.5	0.0204	0.0204	0.0072	0.0156	0.0106	0.0091	0.0106	0.0118	0.0122	0.0122
80.0	0.0204	0.0195	0.0097	0.0116	0.0093	0.0112	0.0122	0.0122	0.0122	0.0122
82.5	0.0204	0.0120	0.0140	0.0094	0.0118	0.0122	0.0122	0.0122	0.0122	0.0122
85.0	0.0204	0.0101	0.0095	0.0122	0.0122	0.0122	0.0122	0.0112	0.0113	0.0113
87.5	0.0204	0.0095	0.0122	0.0119	0.0100	0.0089	0.0081	0.0076	0.0088	0.0097
90.0	0.0204	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0082

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4717	4693	4672	4653	4632	4612	4595	4583	4574	4560
5.0	4283	4254	4220	4189	4149	4109	4070	4026	3990	3947
7.5	3806	3756	3712	3674	3639	3610	3575	3543	3515	3475
10.0	3166	3131	3101	3079	3066	3058	3051	3044	3039	3022
12.5	2497	2492	2525	2542	2551	2552	2542	2521	2496	2462
15.0	2014	2058	2087	2103	2101	2082	2048	2004	1952	1896
17.5	1643	1690	1694	1658	1618	1577	1536	1497	1461	1425
20.0	1298	1263	1219	1167	1111	1061	1017	986.7	970.6	966.1
22.5	911.0	856.3	786.8	782.9	801.0	811.7	814.2	808.2	796.0	779.2
25.0	597.5	599.2	627.1	649.0	660.6	662.8	654.9	640.5	621.3	599.8
27.5	469.5	495.2	516.4	525.6	514.8	502.2	486.9	472.7	460.0	446.6
30.0	386.4	400.9	391.6	376.7	357.2	336.2	317.8	304.2	298.7	296.7
32.5	300.6	287.3	266.9	239.6	245.0	248.7	249.6	247.9	244.7	238.6
35.0	211.1	188.1	193.0	199.2	202.0	202.6	200.6	196.2	190.7	184.3
37.5	144.4	152.1	158.6	162.0	158.5	153.7	148.8	144.0	139.9	136.2
40.0	117.4	123.2	122.6	117.3	110.2	102.9	96.43	91.74	89.19	88.76
42.5	92.85	88.03	81.95	73.98	72.29	72.56	72.17	71.25	69.81	68.12
45.0	60.59	52.93	52.51	55.65	55.98	55.29	53.96	52.25	50.43	48.74
47.5	31.07	36.12	40.02	41.47	39.61	37.20	34.95	33.14	31.81	30.89
50.0	22.65	26.82	27.50	25.27	21.82	18.53	15.82	13.98	13.18	13.19
52.5	16.61	16.33	13.73	9.336	9.017	9.864	10.35	10.47	10.29	9.732
55.0	8.838	6.225	5.501	6.311	7.036	7.565	7.751	7.681	7.396	6.929
57.5	2.990	3.613	4.253	4.769	4.978	5.065	4.983	4.836	4.661	4.436
60.0	2.328	2.752	2.905	2.866	2.701	2.466	2.191	1.986	1.925	1.973
62.5	1.671	1.643	1.444	1.123	1.222	1.331	1.402	1.435	1.447	1.412
65.0	0.8966	0.7232	0.7767	0.8324	0.8889	0.9456	0.9733	0.9755	0.9685	0.9281
67.5	0.4779	0.5195	0.5386	0.5481	0.5417	0.5356	0.5196	0.5007	0.4904	0.4752
70.0	0.3260	0.3130	0.2741	0.2293	0.1743	0.1170	0.0633	0.0256	0.0122	0.0248
72.5	0.1457	0.0901	0.0127	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
75.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
77.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
80.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
82.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
85.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-07-28

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	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
90.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4550	4546	4546	4550	4553	4562	4577	4597	4622	4651
5.0	3914	3884	3861	3846	3831	3829	3837	3856	3887	3929
7.5	3437	3397	3344	3292	3239	3185	3133	3084	3066	3113
10.0	2995	2957	2911	2855	2783	2713	2645	2577	2508	2443
12.5	2426	2388	2357	2321	2299	2291	2241	2152	2062	1976
15.0	1842	1795	1764	1739	1724	1717	1714	1718	1702	1598
17.5	1386	1348	1310	1265	1217	1204	1218	1233	1250	1269
20.0	966.4	966.0	960.2	943.8	917.5	882.8	844.1	840.1	871.0	900.4
22.5	759.2	738.3	716.4	692.8	675.5	663.3	640.6	611.3	583.5	622.3
25.0	579.5	561.0	542.7	526.6	512.5	500.0	489.2	469.5	444.8	421.7
27.5	433.9	418.9	399.9	379.4	372.0	369.7	367.0	363.4	347.4	327.2
30.0	298.5	300.0	295.9	287.9	276.7	262.2	264.1	268.7	272.3	258.2
32.5	232.5	226.1	216.7	208.2	207.9	201.8	193.0	191.1	199.4	205.6
35.0	179.0	172.8	166.9	161.4	156.3	152.2	149.1	141.9	139.9	149.0
37.5	133.2	128.7	123.3	117.5	115.7	114.5	113.3	109.9	103.0	104.4
40.0	89.93	91.09	90.61	88.00	83.39	79.91	81.23	82.64	79.38	73.02
42.5	66.79	65.50	63.64	61.98	60.31	56.90	52.71	56.41	58.49	53.91
45.0	47.76	46.92	46.03	44.28	41.48	38.26	35.93	33.94	37.09	37.79
47.5	30.63	30.42	29.81	28.48	27.48	24.79	21.43	21.71	19.97	22.35
50.0	14.09	15.47	16.68	17.09	16.10	14.52	13.63	12.05	12.13	11.45
52.5	9.059	8.259	7.313	7.136	8.595	8.395	7.513	7.514	6.981	6.615
55.0	6.430	5.842	5.244	4.668	4.159	4.161	4.482	4.244	4.365	4.153
57.5	4.181	3.835	3.443	3.073	2.841	2.580	2.329	2.670	2.524	2.648
60.0	2.046	2.091	2.067	1.976	1.823	1.637	1.622	1.630	1.714	1.636
62.5	1.334	1.231	1.125	1.013	1.073	1.068	1.034	1.047	1.142	1.155
65.0	0.8749	0.8160	0.7564	0.7003	0.6485	0.6035	0.6193	0.5916	0.6459	0.7446
67.5	0.4607	0.4469	0.4266	0.4091	0.4017	0.3900	0.3405	0.2382	0.2810	0.3497
70.0	0.0572	0.0990	0.1383	0.1723	0.1980	0.2048	0.1688	0.0948	0.0279	0.1153
72.5	0.0122	0.0122	0.0122	0.0122	0.0126	0.0609	0.0689	0.0288	0.0237	0.0230
75.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0143	0.0168	0.0184
77.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0136
80.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
82.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
85.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
87.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
90.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4681	4716	4756	4801	4850	4902	4958	4913	4871	4832
5.0	3978	4039	4111	4193	4285	4388	4499	4408	4326	4254
7.5	3173	3249	3340	3446	3567	3703	3856	3728	3616	3520
10.0	2384	2462	2565	2683	2818	2972	3146	2998	2872	2764
12.5	1897	1827	1874	1993	2128	2280	2454	2306	2181	2073
15.0	1503	1424	1356	1436	1558	1695	1853	1719	1606	1510
17.5	1195	1109	1039	1016	1123	1243	1380	1263	1164	1080
20.0	927.3	865.5	794.6	738.4	799.9	895.0	1003	911.7	834.5	795.5
22.5	656.0	682.7	617.2	565.4	573.9	652.9	741.8	666.1	601.1	614.4
25.0	459.4	492.4	485.1	437.4	415.9	478.0	548.5	488.3	437.4	478.1
27.5	318.7	351.4	382.5	341.4	306.7	352.0	408.5	360.4	324.0	375.0
30.0	240.1	248.3	276.8	267.5	235.0	258.9	305.1	265.2	250.4	295.4
32.5	189.1	171.9	197.4	207.3	181.8	192.6	229.9	197.1	192.9	232.1
35.0	150.8	136.4	140.8	160.7	142.2	143.6	172.6	147.1	150.8	176.3
37.5	114.9	109.4	99.41	117.5	111.1	107.4	132.5	109.7	118.0	127.5
40.0	80.06	87.67	74.27	83.09	86.00	77.31	101.6	78.91	90.74	89.28
42.5	50.20	61.44	54.62	53.59	62.47	49.76	72.98	51.08	65.85	57.24
45.0	32.61	36.18	38.06	29.44	42.28	27.89	46.72	28.93	44.99	32.27
47.5	20.95	17.91	23.97	16.69	23.28	16.18	26.87	16.86	25.33	18.53
50.0	12.51	10.56	12.41	10.75	12.30	9.847	15.00	10.16	13.31	11.82
52.5	6.876	6.842	6.301	7.116	6.696	6.067	8.736	6.232	7.036	7.712
55.0	3.742	4.336	3.654	4.757	3.722	3.888	5.107	3.990	3.889	5.139
57.5	2.606	2.570	2.649	2.826	2.395	2.746	3.240	2.818	2.505	3.019
60.0	1.883	1.737	2.003	1.799	1.889	2.079	2.332	2.128	1.980	1.934
62.5	1.154	1.360	1.240	1.236	1.472	1.553	1.695	1.598	1.551	1.351
65.0	0.6528	0.8038	0.6765	0.8710	1.029	0.9931	1.140	1.032	1.107	0.9901
67.5	0.2891	0.2603	0.3825	0.3517	0.3458	0.3598	0.5776	0.3865	0.3969	0.4352
70.0	0.0559	0.0303	0.0618	0.0148	0.0148	0.0295	0.0994	0.0322	0.0201	0.0155
72.5	0.0199	0.0108	0.0095	0.0229	0.0028	0.0130	0.0286	0.0071	0.0055	0.0155
75.0	0.0222	0.0196	0.0080	0.0147	0.0060	0.0170	0.0245	0.0098	0.0065	0.0081
77.5	0.0170	0.0216	0.0185	0.0050	0.0165	0.0139	0.0225	0.0110	0.0107	0.0007

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-28

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	0.0122	0.0155	0.0211	0.0157	0.0113	0.0060	0.0164	0.0056	0.0067	0.0023
82.5	0.0122	0.0122	0.0135	0.0195	0.0087	0.0057	0.0163	0.0055	0.0012	0.0028
85.0	0.0122	0.0122	0.0122	0.0122	0.0177	0.0083	0.0122	0.0042	0.0027	0
87.5	0.0122	0.0122	0.0122	0.0122	0.0122	0.0163	0.0041	0.0008	0	0.0002
90.0	0.0122	0.0122	0.0122	0.0122	0.0122	0.0122	0.0031	0.0041	0.0041	0.0041
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4797	4767	4740	4719	4698	4681	4668	4659	4656	4657
5.0	4191	4139	4098	4068	4044	4028	4024	4029	4039	4061
7.5	3440	3375	3326	3294	3276	3328	3406	3480	3551	3618
10.0	2675	2602	2556	2659	2768	2884	2997	3104	3205	3288
12.5	1984	1973	2089	2218	2354	2498	2648	2741	2749	2765
15.0	1461	1573	1703	1849	2011	2045	2043	2051	2068	2088
17.5	1139	1252	1387	1505	1487	1471	1458	1448	1467	1529
20.0	885.4	997.0	1093	1065	1036	1004	1019	1073	1121	1157
22.5	697.0	798.5	768.5	733.5	690.5	734.6	780.6	818.6	842.2	862.9
25.0	550.7	568.6	532.5	490.8	527.5	566.6	603.3	622.1	637.4	653.0
27.5	435.1	399.6	362.5	377.6	410.5	439.2	446.7	452.7	456.3	464.9
30.0	311.5	278.6	270.2	294.7	318.7	318.0	314.5	314.0	332.7	346.4
32.5	221.1	192.9	211.5	231.8	227.5	224.9	224.9	237.9	244.7	243.3
35.0	154.6	150.0	167.2	166.4	157.6	161.4	171.7	176.9	181.6	186.6
37.5	108.2	120.1	126.1	115.9	116.0	125.3	130.0	131.3	132.8	134.1
40.0	80.11	96.48	88.51	81.42	89.87	95.10	93.15	90.73	93.69	97.74
42.5	58.89	66.83	55.44	60.65	66.63	64.79	60.79	63.70	66.18	65.87
45.0	41.69	39.74	36.36	42.81	42.42	39.25	41.54	42.16	44.48	47.25
47.5	26.59	20.05	23.91	25.74	23.07	25.25	25.07	27.79	29.83	31.02
50.0	14.07	12.12	14.71	13.46	14.25	14.46	16.21	16.96	18.15	19.01
52.5	6.962	7.855	7.989	7.771	8.349	9.047	9.063	10.11	10.17	8.661
55.0	4.003	4.907	4.288	4.879	5.235	5.107	5.518	5.160	5.262	5.849
57.5	2.909	2.882	2.995	3.126	2.997	3.247	2.936	3.261	3.616	3.911
60.0	2.210	1.954	2.168	1.934	2.057	2.005	2.057	2.114	2.349	2.570
62.5	1.399	1.551	1.380	1.397	1.395	1.340	1.344	1.409	1.435	1.379
65.0	0.8215	0.9534	0.8550	0.9446	0.8213	0.8385	0.8689	0.8389	0.8888	0.9526
67.5	0.5288	0.3437	0.4895	0.4673	0.4084	0.4618	0.5262	0.5491	0.5446	0.5515
70.0	0.1104	0.0500	0.1310	0.1573	0.1004	0.2375	0.2850	0.2894	0.2609	0.2228
72.5	0.0048	0.0013	0.0136	0.0092	0.0285	0.0810	0.1144	0.0743	0.0005	0
75.0	0.0008	0.0031	0.0033	0.0041	0.0060	0.0117	0	0	0	0
77.5	0.0029	0.0031	0.0016	0.0009	0	0	0	0	0	0
80.0	0.0030	0.0011	0	0	0	0	0	0	0	0
82.5	0.0004	0	0	0	0	0	0.0001	0.0004	0.0006	0.0007
85.0	0	0	0.0000	0.0005	0.0009	0.0012	0.0014	0.0016	0.0017	0.0018
87.5	0.0011	0.0017	0.0020	0.0023	0.0025	0.0026	0.0027	0.0028	0.0029	0.0030
90.0	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4657	4659	4666	4676	4690	4698	4708	4722	4738	4754
5.0	4084	4112	4147	4181	4223	4254	4291	4323	4353	4383
7.5	3679	3736	3776	3812	3845	3865	3884	3902	3913	3931
10.0	3356	3411	3449	3464	3468	3460	3438	3413	3393	3377
12.5	2785	2808	2835	2858	2879	2891	2890	2880	2857	2817
15.0	2121	2152	2192	2238	2289	2327	2358	2374	2368	2343
17.5	1587	1635	1672	1701	1730	1753	1782	1806	1833	1854
20.0	1177	1187	1183	1175	1171	1175	1193	1225	1261	1304
22.5	886.7	908.4	929.4	947.0	958.0	960.9	954.3	937.6	911.5	876.4
25.0	669.2	686.2	704.5	725.6	745.5	759.6	766.5	763.1	748.5	723.0
27.5	487.8	505.4	518.4	530.1	540.7	549.8	560.4	571.0	577.8	581.7
30.0	352.2	350.6	344.0	338.1	335.9	339.7	352.9	371.2	390.8	407.0
32.5	252.0	258.6	264.7	270.1	274.4	275.2	273.8	269.1	260.2	247.2
35.0	192.4	197.3	202.1	207.0	212.9	216.8	218.8	218.3	213.6	204.6
37.5	139.4	144.8	147.9	150.3	153.3	156.2	159.7	163.5	166.3	165.9
40.0	99.28	98.57	96.54	94.22	93.62	95.40	99.97	106.3	113.0	117.9
42.5	67.19	69.16	71.05	72.36	73.49	74.13	74.23	73.57	71.96	71.83
45.0	48.00	49.88	50.86	52.07	53.36	54.71	55.80	56.32	55.97	53.87
47.5	32.05	32.73	32.90	33.19	33.77	34.80	36.29	38.09	39.92	40.57
50.0	18.50	17.16	15.64	14.45	14.17	14.86	16.63	19.19	22.25	24.98
52.5	8.725	9.581	10.30	10.81	11.17	11.27	11.04	10.44	9.596	9.839
55.0	6.374	6.936	7.436	7.848	8.173	8.415	8.391	8.107	7.576	6.848
57.5	4.310	4.676	4.951	5.136	5.286	5.437	5.543	5.566	5.482	5.256
60.0	2.676	2.672	2.574	2.448	2.398	2.458	2.667	2.915	3.145	3.278
62.5	1.520	1.636	1.732	1.802	1.854	1.847	1.807	1.716	1.596	1.458
65.0	1.021	1.085	1.159	1.236	1.311	1.329	1.310	1.252	1.177	1.086
67.5	0.5703	0.5919	0.6433	0.7117	0.7717	0.7905	0.7697	0.7461	0.7339	0.7174
70.0	0.1736	0.1269	0.1378	0.1890	0.2324	0.2516	0.2221	0.2265	0.2596	0.3072

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-07-28

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	0.0053	0.0528	0.1232	0.1743	0.1796	0.1322	0.0815	0.0454	0.0246
75.0	0	0.0006	0.0229	0.0717	0.1162	0.1212	0.1013	0.0627	0.0375	0.0213
77.5	0	0	0.0106	0.0377	0.0601	0.0631	0.0545	0.0357	0.0234	0.0152
80.0	0	0	0.0006	0.0046	0.0041	0.0049	0.0069	0.0077	0.0077	0.0069
82.5	0.0008	0.0009	0.0010	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
85.0	0.0019	0.0020	0.0020	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
87.5	0.0030	0.0030	0.0030	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
90.0	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	5158	5158	5158	5158	5158	5158	5158	5158	5158	5158
2.5	4768	4783	4800	4820	4841	4861	4879	4900	4922	4946
5.0	4403	4425	4439	4451	4464	4475	4483	4493	4508	4527
7.5	3950	3974	4003	4040	4065	4047	4022	4002	3989	3982
10.0	3363	3361	3367	3385	3420	3469	3528	3473	3416	3369
12.5	2770	2707	2681	2685	2711	2754	2809	2878	2842	2756
15.0	2296	2234	2162	2088	2037	2075	2130	2195	2272	2194
17.5	1871	1840	1766	1684	1600	1517	1543	1604	1675	1712
20.0	1341	1371	1395	1362	1274	1187	1107	1135	1206	1283
22.5	867.6	928.3	973.3	1005	1019	930.8	852.6	794.4	855.7	923.1
25.0	688.3	646.1	629.8	683.6	719.2	736.6	667.8	611.9	611.0	668.9
27.5	562.4	527.2	488.8	451.3	488.9	521.3	530.4	480.1	441.9	488.2
30.0	418.2	421.8	397.5	366.0	336.8	363.3	391.3	381.1	346.4	358.4
32.5	274.6	293.0	303.9	296.9	272.0	248.1	276.9	301.8	274.0	264.1
35.0	192.8	184.3	207.3	221.7	220.3	198.6	193.6	219.5	218.4	198.7
37.5	157.7	147.5	137.1	151.6	165.4	160.6	146.1	157.8	174.9	157.0
40.0	120.6	119.0	110.8	103.9	112.8	124.4	117.1	111.1	130.5	122.7
42.5	78.82	83.40	86.95	81.85	74.86	84.44	93.03	82.26	91.21	95.57
45.0	49.34	48.56	55.95	61.72	57.12	50.89	63.14	61.51	57.36	71.98
47.5	37.83	32.81	27.98	36.86	42.47	35.91	36.01	44.90	32.69	46.03
50.0	26.38	24.74	20.68	16.26	24.19	25.95	19.05	25.35	21.22	24.63
52.5	13.57	15.42	15.42	12.30	9.709	15.26	13.36	12.12	14.14	11.94
55.0	6.002	6.553	8.633	8.957	7.168	6.724	8.964	6.519	8.525	5.910
57.5	4.696	4.087	3.453	4.905	5.320	4.103	4.624	4.720	4.390	4.089
60.0	3.281	3.162	2.721	2.361	3.040	3.201	2.477	3.182	2.559	3.036
62.5	1.749	1.961	2.004	1.854	1.712	2.009	2.007	1.867	2.052	2.120
65.0	1.006	0.9547	1.158	1.275	1.298	1.224	1.398	1.318	1.474	1.316
67.5	0.7004	0.6860	0.6723	0.6397	0.7582	0.8299	0.7600	0.9343	0.7028	0.8294
70.0	0.3607	0.4118	0.4502	0.4137	0.2256	0.3318	0.4692	0.2598	0.3632	0.4615
72.5	0.0191	0.1190	0.2055	0.2467	0.1646	0.0062	0.1611	0.0965	0.1246	0.0327
75.0	0.0144	0.0140	0.0142	0.0533	0.0755	0.0144	0.0022	0.0251	0.0136	0.0077
77.5	0.0112	0.0104	0.0121	0.0101	0.0114	0.0108	0.0074	0.0028	0.0048	0.0118
80.0	0.0065	0.0067	0.0086	0.0073	0.0084	0.0099	0.0118	0.0105	0.0022	0.0052
82.5	0.0041	0.0041	0.0041	0.0045	0.0054	0.0065	0.0080	0.0101	0.0073	0.0025
85.0	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0058	0.0059	0.0076
87.5	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
90.0	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
G/C	350.0	355.0								
0.0	5158	5158								
2.5	4973	5001								
5.0	4552	4583								
7.5	3984	3999								
10.0	3335	3317								
12.5	2688	2639								
15.0	2098	2026								
17.5	1614	1540								
20.0	1225	1152								
22.5	929.0	868.2								
25.0	710.5	656.0								
27.5	539.5	501.0								
30.0	401.6	384.8								
32.5	300.0	298.3								
35.0	225.5	230.6								
37.5	168.2	178.9								
40.0	123.8	138.9								
42.5	90.09	107.4								
45.0	57.90	77.92								
47.5	35.98	49.39								
50.0	21.32	27.12								
52.5	13.07	14.19								
55.0	8.189	7.714								
57.5	5.102	4.247								
60.0	2.963	2.652								
62.5	1.889	1.813								

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-28

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:

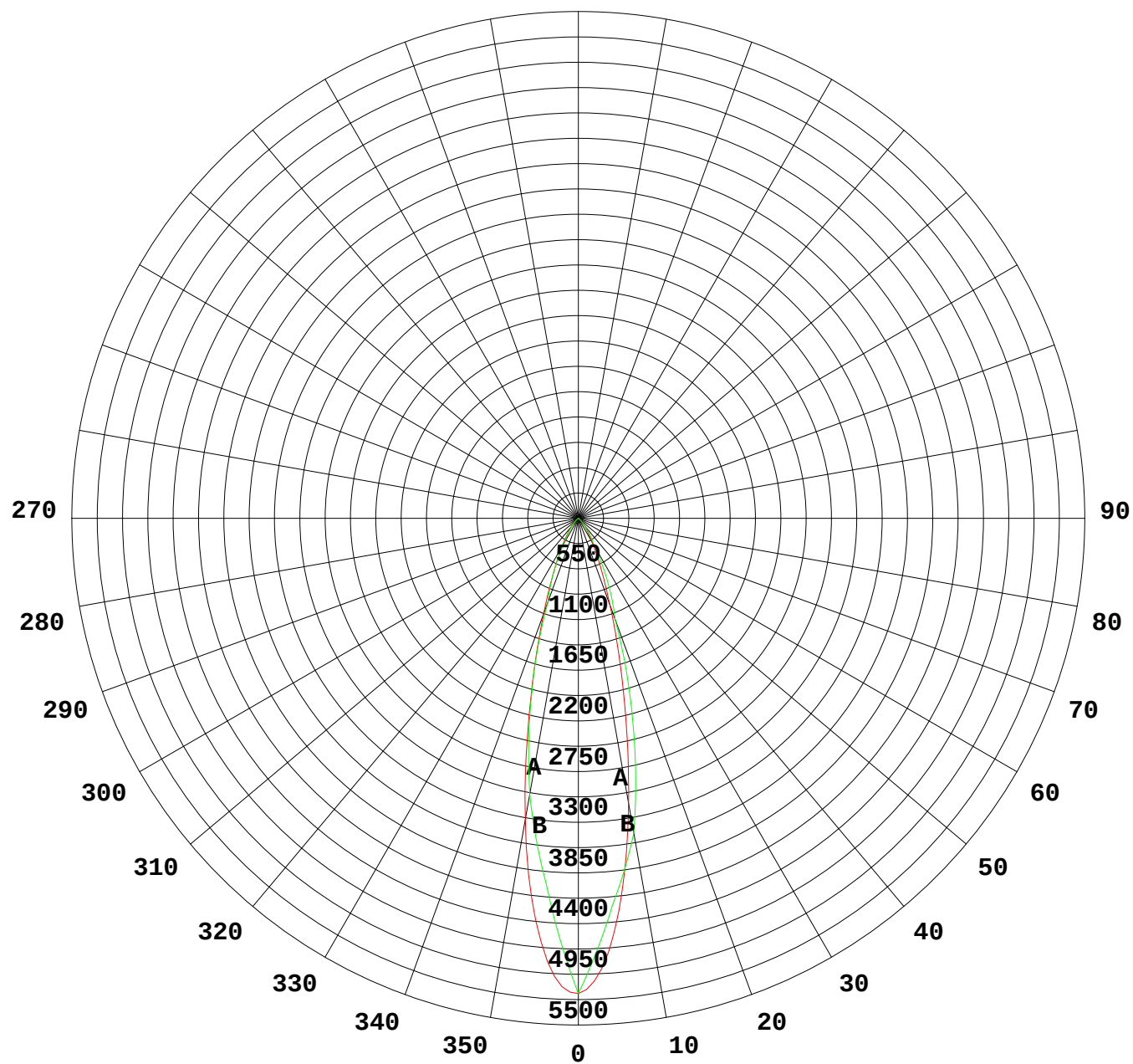
Photometric Data Table [cd]

65.0	1.195	1.254
67.5	0.8418	0.8981
70.0	0.4617	0.3797
72.5	0.0499	0.0666
75.0	0.0168	0.0169
77.5	0.0072	0.0134
80.0	0.0062	0.0174
82.5	0.0058	0.0147
85.0	0.0027	0.0061
87.5	0.0058	0.0014
90.0	0.0041	0.0041

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-28

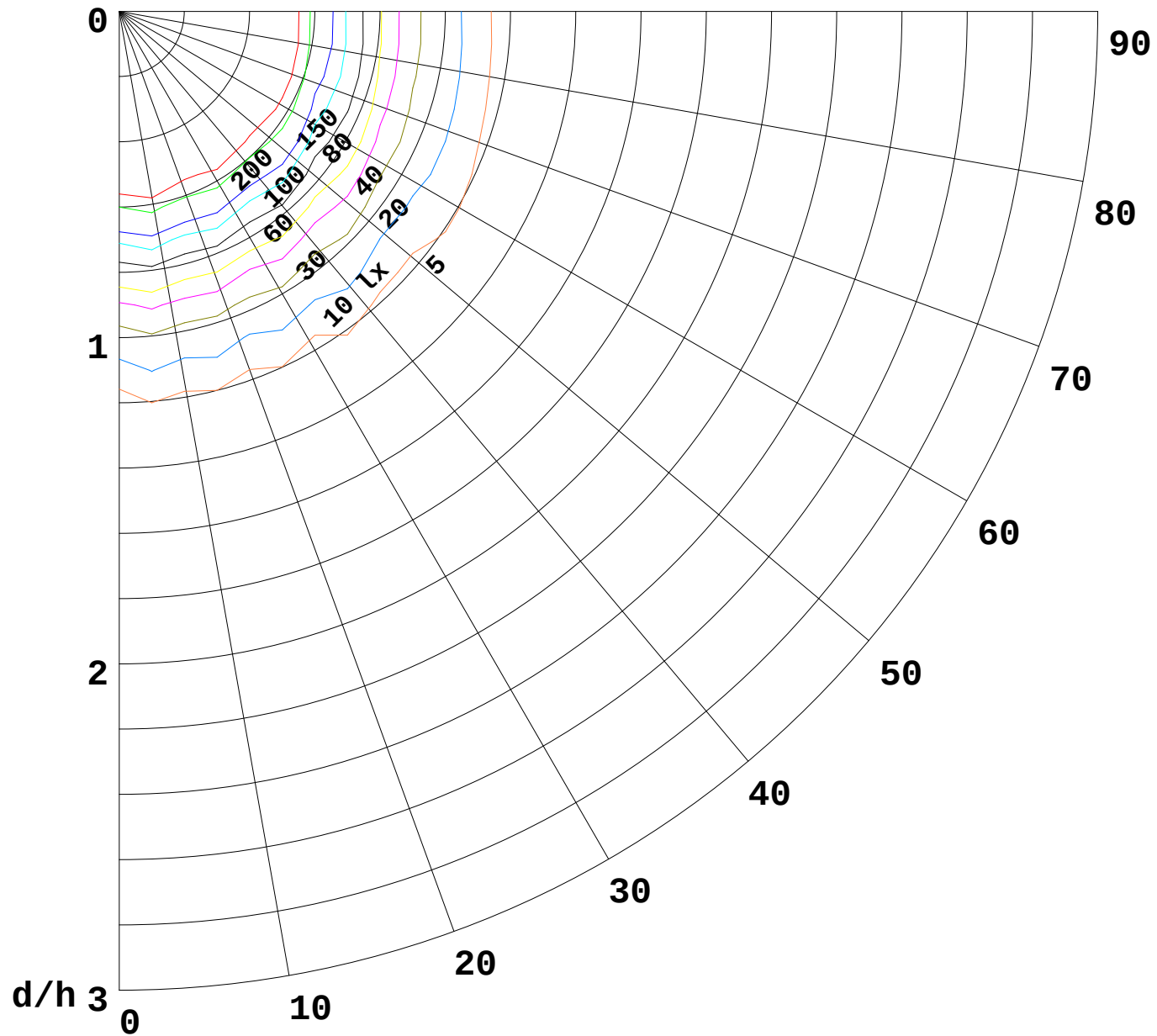
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

I(cd)



1000 lm

$K = 1$



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

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

