

TEST REPORT

Report reference No.....	GEN2026131.01								
Product.....	LED Grille Light								
Family Name.....	M20								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: M20GR-TB6S1 SBK 3000K[CRI90] N24D (LP200-6-48V)									
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	6	6	430	420	F	1900	50000	3000K	24
Power supply	LP200-6-48V								
Light model	SMD LED CH-1521-0 107X16MM 3C2B OSRAM2835,9V 100mA 1W, 3000K<CRI90>,530LM								

Light Output Ratio:	81%	
Luminaire Power:	6.24W	
SUR.:	0.00173 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:2025-07-01

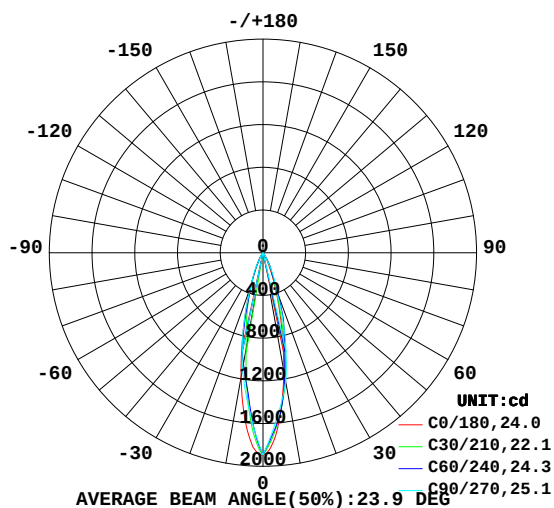
V(B) Range: -90 - 90DEG
V(B) Interval:5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

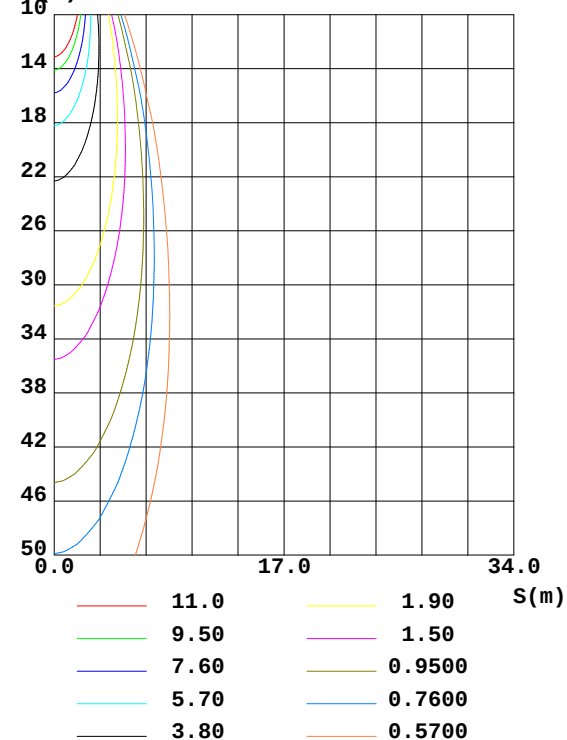
Test:U:48.00V I:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.76 lm/W			
MODEL: H-1521-0 107X16MM 3C2B		I _{max} (cd)	1895	S/MH(C0/180)	0.41
NOMINAL POWER(W)	5.4W	LOR(%)	100.0	S/MH(C90/270)	0.40
RATED VOLTAGE(V)	27	TOTAL FLUX(lm)	422.82	η UP, DN(C0-180)	0.0, 51.5
NOMINAL FLUX(lm)	70.4705	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 48.5
LAMPS INSIDE	6	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: 2025-07-01

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	1629	1594	1539	1485	1677	1445	1477	1552	0- 5	39.99	39.99	9.46,9.46
10	1124	1175	1230	1052	1182	984.9	1104	1115	5- 10	93.05	133.0	31.5,31.5
15	643.4	688.1	787.5	733.0	693.0	668.7	700.0	639.4	10- 15	104.2	237.2	56.1,56.1
20	318.8	421.6	359.4	334.1	348.1	304.9	313.2	393.9	15- 20	82.14	319.3	75.5,75.5
25	134.4	183.7	209.3	164.4	158.0	147.5	178.7	173.7	20- 25	50.88	370.2	87.6,87.6
30	45.55	82.31	61.63	78.17	69.85	71.71	50.60	77.54	25- 30	28.65	398.9	94.3,94.3
35	14.19	43.05	34.50	31.10	25.42	28.38	28.19	40.90	30- 35	13.26	412.1	97.5,97.5
40	5.838	11.82	7.735	12.91	7.879	11.69	6.489	12.36	35- 40	6.084	418.2	98.9,98.9
45	2.929	6.251	4.746	4.505	3.044	4.310	4.006	6.605	40- 45	2.473	420.7	99.5,99.5
50	1.487	1.889	1.757	1.994	1.523	1.807	1.531	1.964	45- 50	1.186	421.9	99.8,99.8
55	0.6374	1.198	0.9773	0.8888	0.7271	0.7898	0.8384	1.247	50- 55	0.5831	422.5	99.9,99.9
60	0.1551	0.4154	0.2014	0.3996	0.2647	0.3425	0.1493	0.4419	55- 60	0.2735	422.7	100,100
65	0.0035	0.1489	0.1007	0.0961	0.0139	0.0806	0.0746	0.1585	60- 65	0.0765	422.8	100,100
70	0.0035	0	0	0.0031	0.0139	0.0050	0	0	65- 70	0.0139	422.8	100,100
75	0.0035	0	0	0.0003	0.0104	0.0005	0	0	70- 75	0.0012	422.8	100,100
80	0.0035	0	0	0	0.0069	0	0	0	75- 80	0.0003	422.8	100,100
85	0.0035	0	0	0	0.0035	0	0	0	80- 85	0.0001	422.8	100,100
90	0.0035	0	0	0	0	0	0	0	85- 90	0.0000	422.8	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): 420.69 lm

%lum = 99.5%

%lamp = 99.5%

Conical surface Flux(120deg): 422.73 lm

%lum = 100.0%

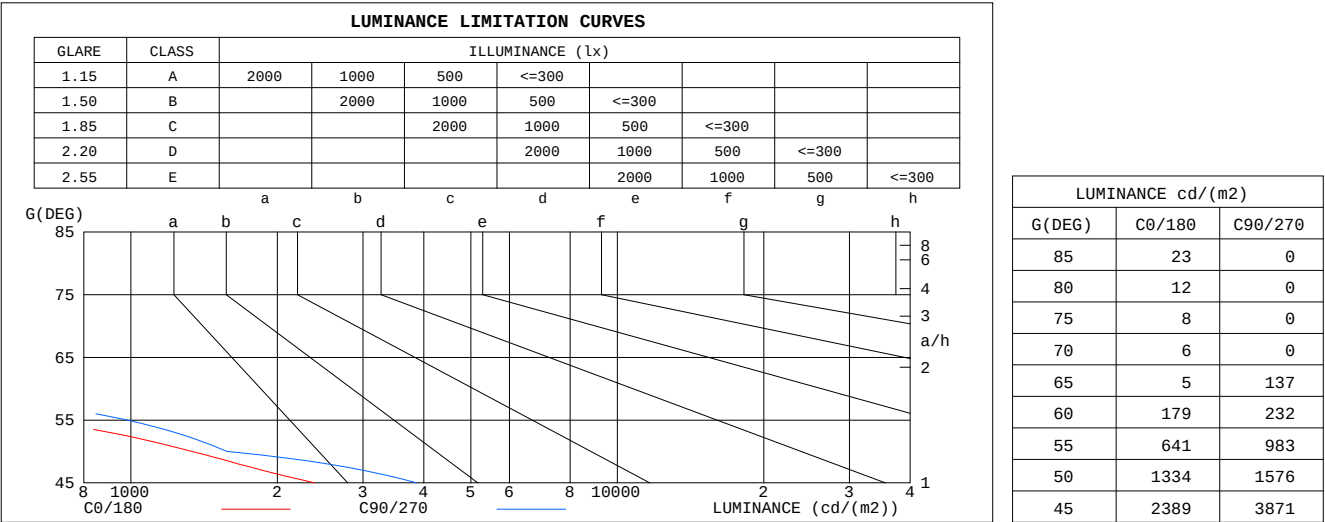
%lamp = 100.0%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2025-07-01

$V(B)$ 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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
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MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...



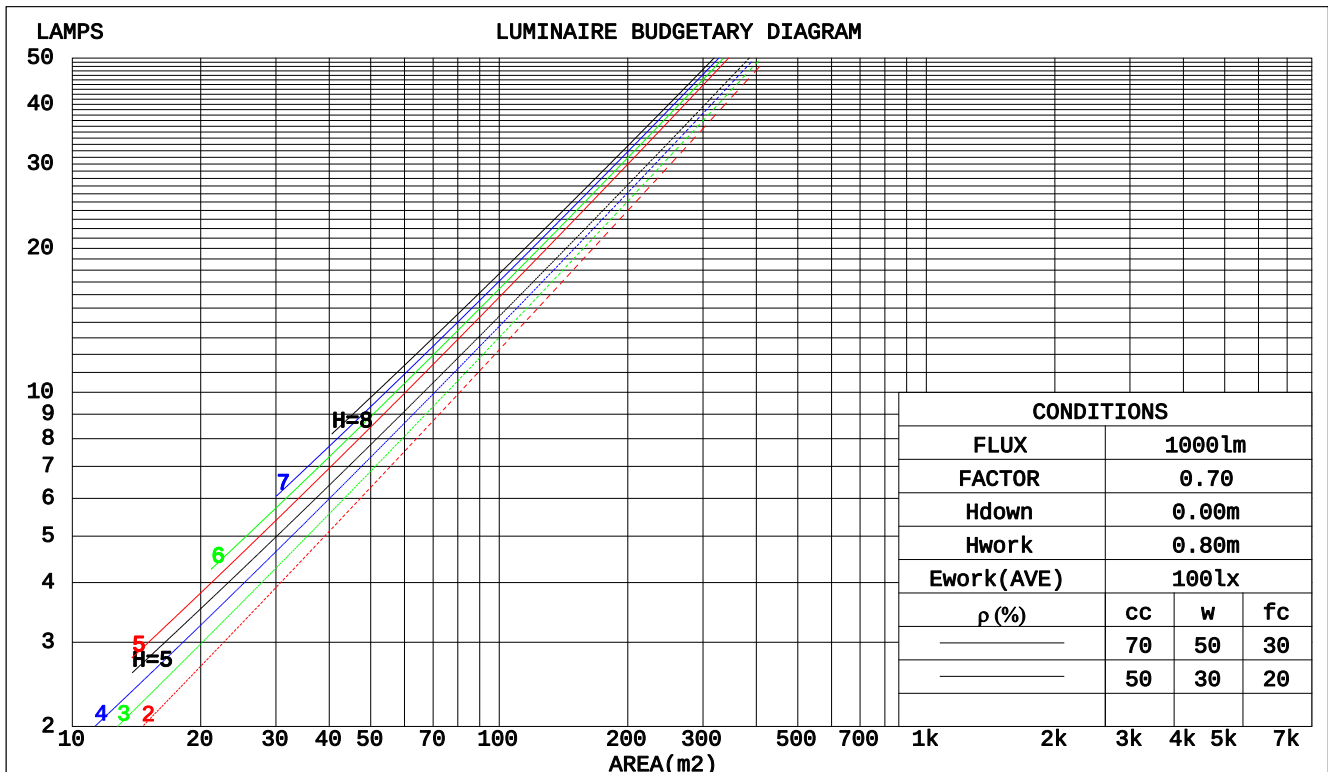
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	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	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.00	1.02	1.00	.98	.00	.98	.96	.97	.96	.94	.93
3.0	1.02	.99	.96	1.01	.98	.95	.99	.96	.94	.96	.94	.92	.94	.92	.91	.89
4.0	.98	.94	.91	.97	.93	.91	.95	.92	.90	.93	.91	.89	.92	.89	.88	.86
5.0	.94	.90	.87	.94	.90	.87	.92	.89	.86	.90	.88	.85	.89	.87	.85	.83
6.0	.91	.87	.84	.90	.86	.83	.89	.85	.83	.88	.85	.82	.86	.84	.82	.81
7.0	.88	.83	.80	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8.0	.85	.81	.78	.84	.80	.77	.83	.80	.77	.83	.79	.77	.82	.79	.77	.76
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73
10.0	.80	.75	.73	.79	.75	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm								
NAME: LED Grille Light				TYPE:fixed			WEIGHT:161g	
SPEC.:6W				DIM.: L115*W22.5*H105mm			SERIAL No.:GEN2026131.01	
MFR.: KOE Lighting Ltd.				SUR.:L17XW17X6			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	.140	.080	.025	.133	.076	.024	.121	.069	.022	.110	.063	.020	.099	.057	.019		
2.0	.130	.071	.022	.125	.069	.021	.115	.064	.020	.105	.059	.018	.096	.055	.017		
3.0	.122	.065	.019	.117	.063	.019	.109	.059	.018	.101	.055	.017	.093	.052	.016		
4.0	.115	.060	.017	.111	.058	.017	.103	.055	.016	.097	.052	.016	.091	.049	.015		
5.0	.108	.055	.016	.105	.054	.016	.099	.051	.015	.093	.049	.015	.088	.047	.014		
6.0	.103	.051	.015	.100	.050	.015	.094	.048	.014	.090	.047	.014	.085	.045	.013		
7.0	.098	.048	.014	.095	.047	.014	.091	.046	.013	.086	.044	.013	.082	.043	.013		
8.0	.093	.046	.013	.091	.045	.013	.087	.043	.012	.083	.042	.012	.080	.041	.012		
9.0	.089	.043	.012	.087	.043	.012	.084	.041	.012	.080	.040	.012	.077	.039	.011		
10.0	.086	.041	.011	.084	.041	.011	.081	.040	.011	.078	.039	.011	.075	.038	.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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.124	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.065	.097	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.105	.076	.055	.090	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.097	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.091	.061	.040	.078	.053	.035	.054	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.085	.055	.035	.074	.048	.031	.051	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.080	.051	.031	.069	.044	.027	.048	.031	.019	.028	.018	.011	.009	.006	.004	

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2025-07-01

$V(B)$ 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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm										
NAME: LED Grille Light					TYPE:fixed			WEIGHT:161g		
SPEC.:6W					DIM.: L115*W22.5*H105mm			SERIAL No.:GEN2026131.01		
MFR.: KOE Lighting Ltd.					SUR.:L17XW17X6			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	10.2	10.9	10.4	11.0	11.2	12.5	13.2	12.7	13.3	13.5
3H	10.0	10.7	10.3	10.9	11.0	12.3	13.0	12.6	13.2	13.3
4H	10.0	10.6	10.2	10.8	11.0	12.3	12.9	12.5	13.1	13.3
6H	9.9	10.4	10.2	10.7	10.9	12.2	12.7	12.5	13.0	13.2
8H	9.8	10.4	10.1	10.6	10.9	12.1	12.7	12.4	12.9	13.2
12H	9.8	10.3	10.1	10.6	10.8	12.1	12.6	12.4	12.9	13.1
4H 2H	10.0	10.6	10.2	10.8	11.0	12.3	12.9	12.5	13.1	13.3
3H	9.8	10.3	10.1	10.6	10.9	12.1	12.6	12.4	12.9	13.1
4H	9.7	10.2	10.0	10.5	10.8	12.0	12.5	12.3	12.8	13.1
6H	9.6	10.0	10.0	10.4	10.7	11.9	12.3	12.3	12.6	13.0
8H	9.6	9.9	9.9	10.3	10.7	11.8	12.2	12.2	12.6	12.9
12H	9.5	9.9	9.9	10.2	10.6	11.8	12.1	12.2	12.5	12.9
8H 4H	9.6	9.9	9.9	10.3	10.7	11.8	12.2	12.2	12.6	12.9
6H	9.4	9.8	9.9	10.2	10.6	11.7	12.1	12.2	12.4	12.9
8H	9.4	9.7	9.8	10.1	10.5	11.7	12.0	12.1	12.4	12.8
12H	9.3	9.6	9.8	10.0	10.5	11.6	11.9	12.1	12.3	12.8
12H 4H	9.5	9.9	9.9	10.2	10.6	11.8	12.1	12.2	12.5	12.9
6H	9.4	9.7	9.8	10.1	10.5	11.7	12.0	12.1	12.4	12.8
8H	9.3	9.6	9.8	10.0	10.5	11.6	11.9	12.1	12.3	12.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / -12.2					+ 3.0 / -14.1				
1.5H	+ 4.6 / - 6.8					+ 5.4 / -10.4				
2.0H	+ 5.4 / -13.7					+ 5.7 / -17.1				

CIE Pub.117, 422.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
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V(B) Range:-90 - 90DEG
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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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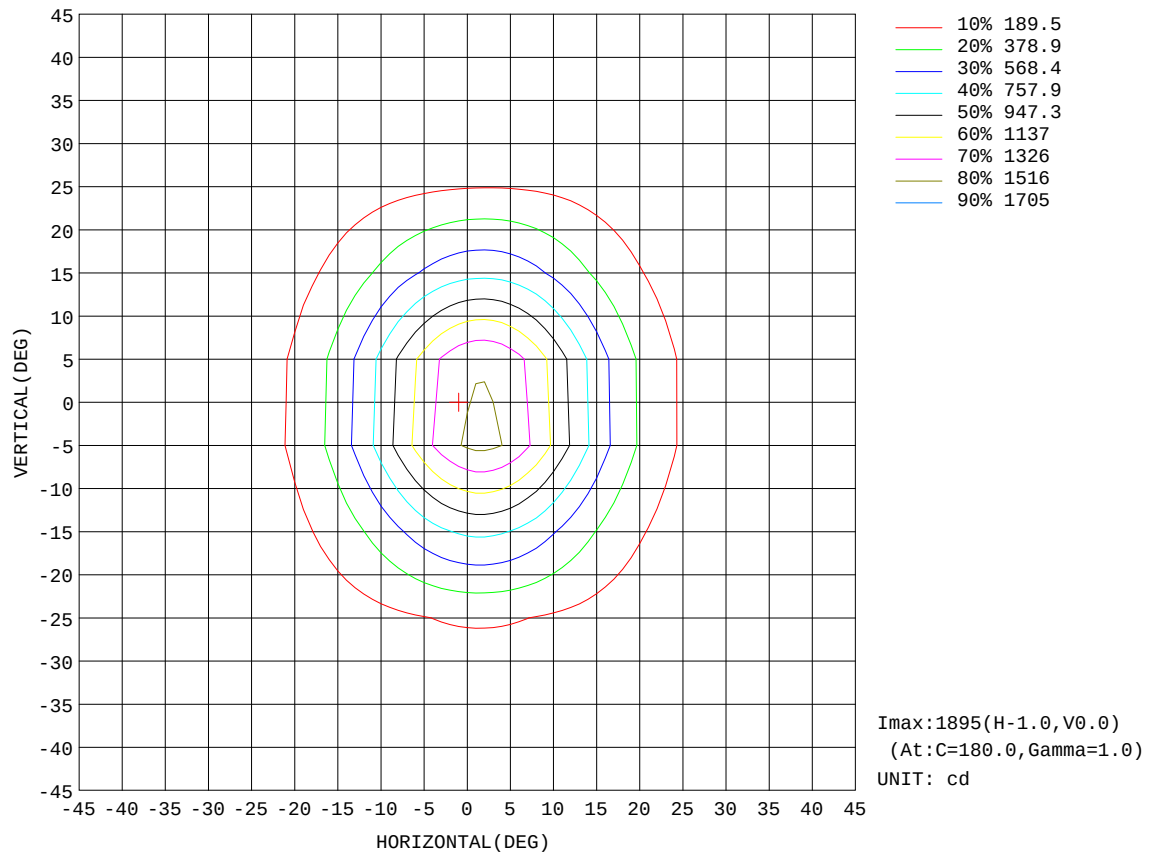
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	90	85	82	78
0.80	98	93	89	97	92	89	96	92	89	86
1.00	102	97	93	101	96	93	99	96	93	89
1.25	105	101	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	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.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

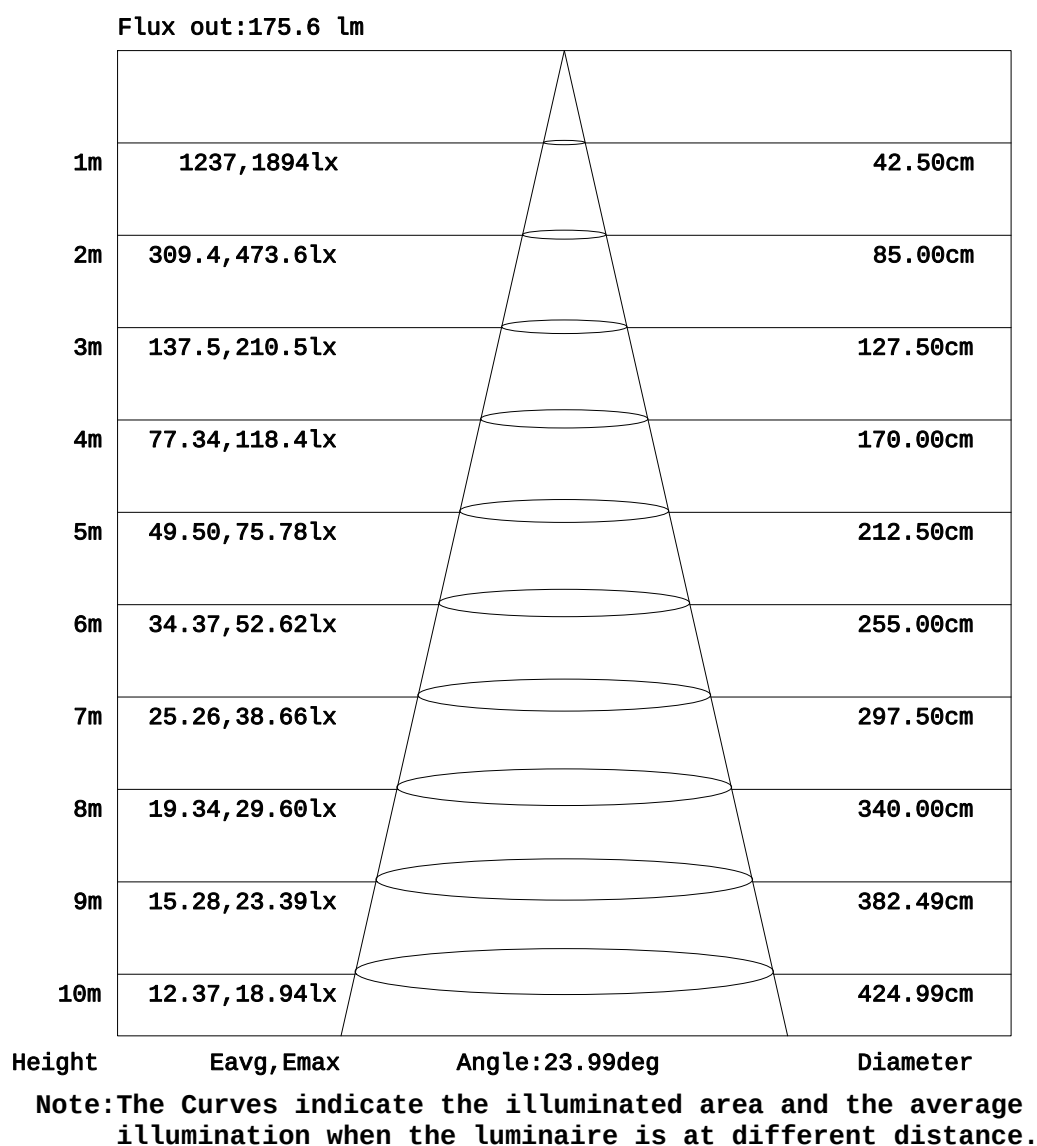


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

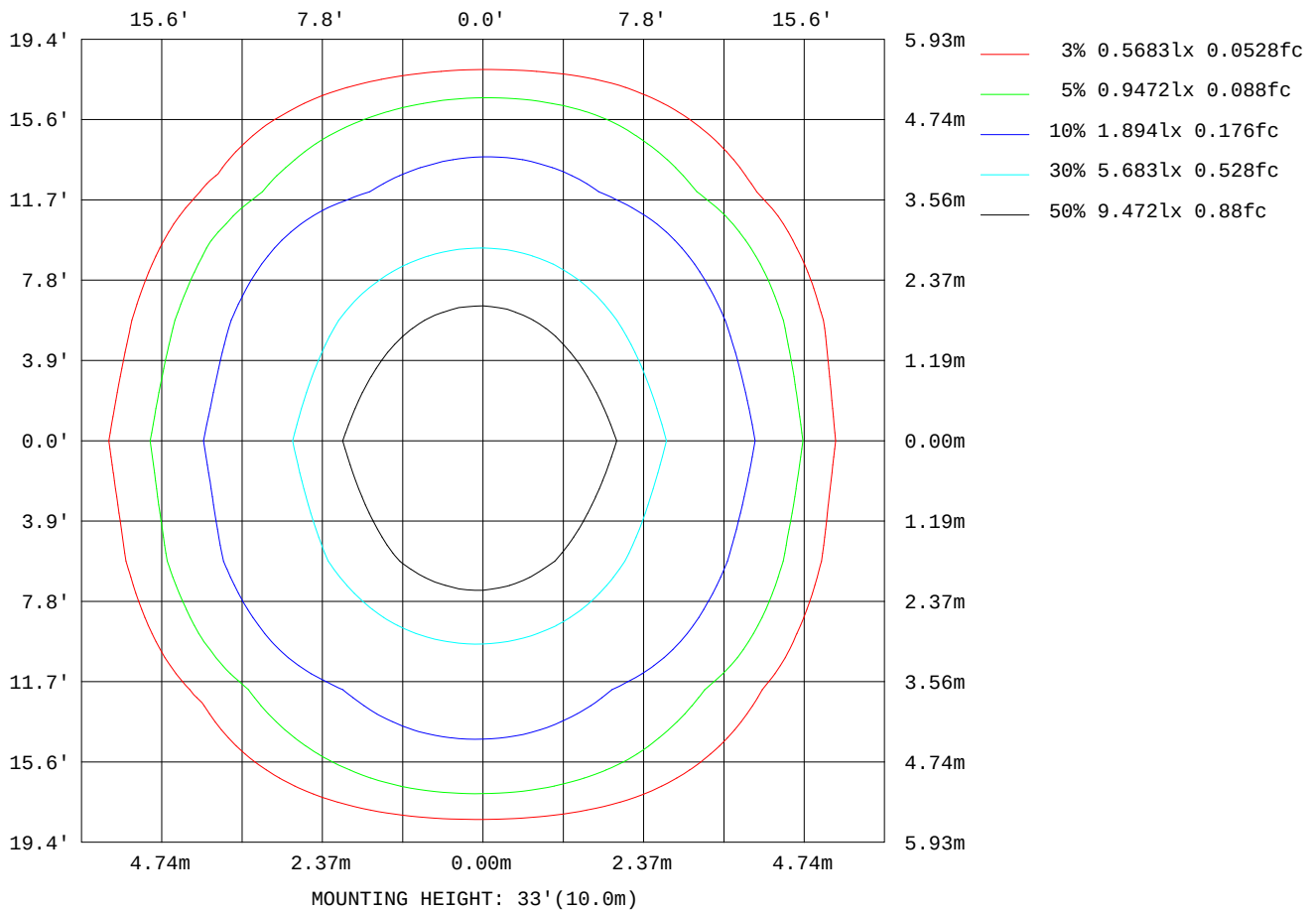


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

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:48.00V I:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

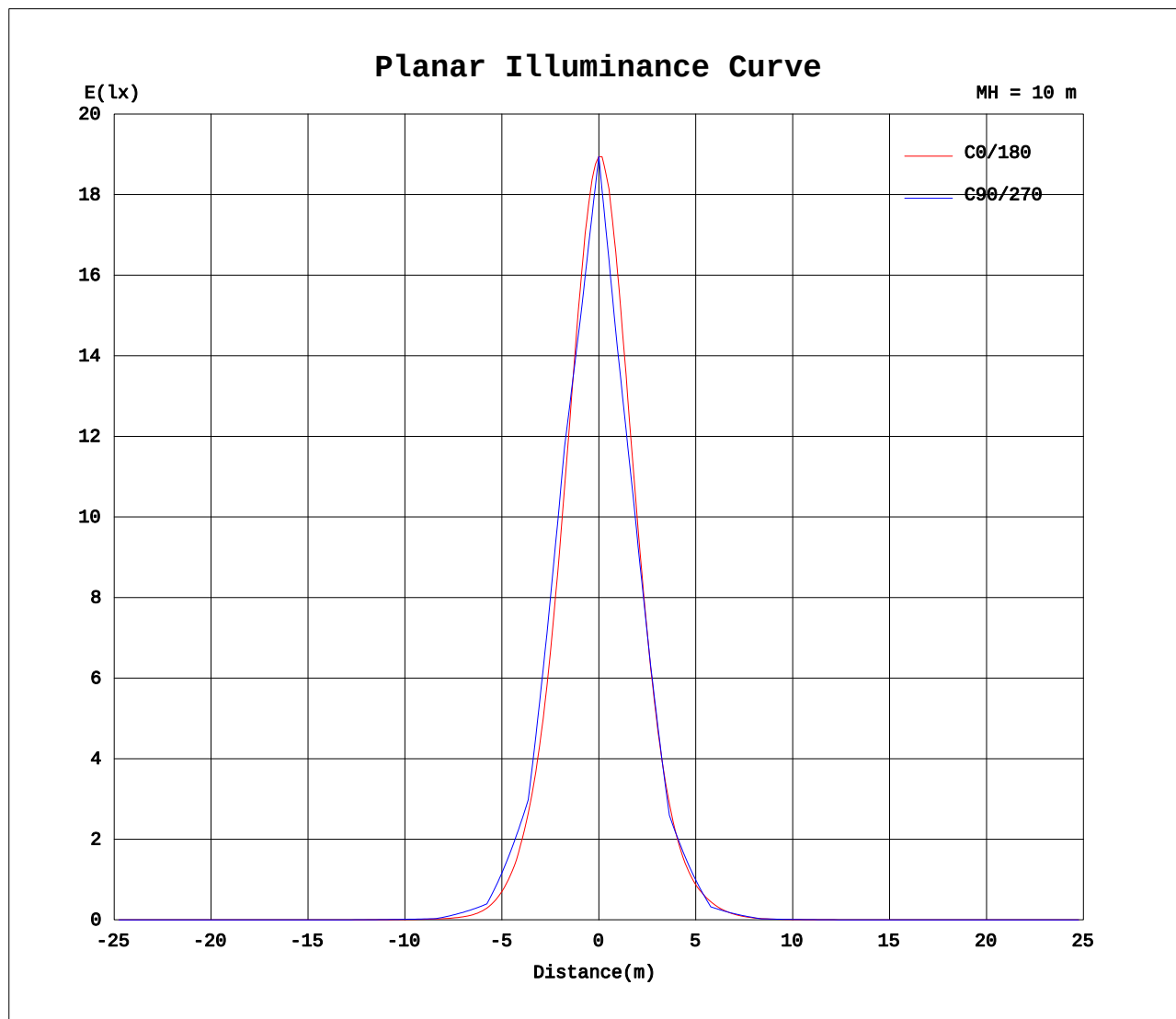
AvgL	cd/m2
L_0~180(65)av	12
L_0~180(75)av	15
L_0~180(85)av	23
L_90~270(65)av	120
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	165
L_45(75)av	0
L_45(85)av	0

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:2025-07-01

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:2025-07-01

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.00V I:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

Table - - 3

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

```
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:0.1300A P:6.240W PF:1.000 Freq:0Hz Lamp Flux:70.4705x6 lm		
NAME: LED Gille Light	TYPE:fixed	WEIGHT:161g
SPEC.:6W	DIM.: L115*W22.5*H105mm	SERIAL No.:GEN2026131.01
MFR.: KOE Lighting Ltd.	SUR.:L17XW17X6	Shielding Angle:...

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2025-07-01

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	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1812	1801	1791	1783	1775	1769	1763	1759	1753	1748
5.0	1629	1616	1607	1601	1597	1595	1595	1596	1595	1594
7.5	1387	1380	1378	1381	1387	1397	1409	1423	1435	1429
10.0	1124	1125	1134	1148	1169	1194	1220	1201	1185	1175
12.5	869.7	879.3	897.5	923.4	956.4	971.0	947.1	929.4	917.2	911.2
15.0	643.4	660.0	685.7	720.0	747.3	719.1	696.9	679.2	666.6	688.1
17.5	460.5	479.5	507.2	544.1	530.2	504.0	482.1	472.0	506.3	539.4
20.0	318.8	338.3	366.2	387.8	361.5	336.8	325.0	354.1	387.4	421.6
22.5	211.7	231.9	258.7	259.6	237.1	216.1	238.6	266.2	297.5	294.0
25.0	134.4	152.3	177.2	167.0	149.3	152.8	175.5	201.5	195.4	183.7
27.5	81.25	97.47	116.0	102.2	90.51	108.2	129.7	129.6	120.1	107.2
30.0	45.55	58.37	67.93	57.67	58.35	75.53	83.61	77.96	71.45	82.31
32.5	25.06	33.44	36.59	29.88	36.63	51.05	47.57	41.29	53.01	63.33
35.0	14.19	19.07	19.62	16.14	22.86	26.88	23.27	28.39	39.33	43.05
37.5	8.738	11.60	11.11	10.46	14.54	13.83	13.18	19.66	24.67	23.82
40.0	5.838	7.555	6.865	7.261	8.760	7.432	9.292	12.61	12.52	11.82
42.5	4.107	5.269	4.534	5.251	5.410	5.088	6.818	6.971	6.182	8.653
45.0	2.929	3.804	3.077	3.888	3.443	3.898	4.449	3.852	4.704	6.251
47.5	2.066	2.654	2.225	2.740	2.313	3.038	2.791	2.921	3.642	3.581
50.0	1.487	1.848	1.672	1.811	1.760	2.031	1.850	2.289	2.280	1.889
52.5	1.035	1.298	1.261	1.190	1.384	1.311	1.437	1.551	1.273	1.522
55.0	0.6374	0.8490	0.9156	0.7305	0.9942	0.8906	1.066	0.9025	1.001	1.198
57.5	0.3635	0.4943	0.6058	0.5065	0.5774	0.6577	0.6121	0.6190	0.7691	0.7475
60.0	0.1551	0.2491	0.2978	0.3512	0.3084	0.4069	0.3170	0.4664	0.4395	0.4154
62.5	0.0035	0.0371	0.0593	0.1500	0.1705	0.1211	0.2128	0.2334	0.2198	0.2823
65.0	0.0035	0.0134	0.0004	0.0192	0.0690	0.0202	0.0886	0.0705	0.1454	0.1489
67.5	0.0035	0.0091	0.0019	0.0063	0.0019	0.0043	0.0064	0.0444	0.0637	0.0142
70.0	0.0035	0.0068	0.0038	0.0032	0.0011	0.0032	0.0042	0.0137	0	0
72.5	0.0035	0.0047	0.0061	0.0004	0.0025	0.0023	0.0010	0	0	0
75.0	0.0035	0.0021	0.0049	0.0014	0.0014	0.0008	0	0	0	0
77.5	0.0035	0.0010	0.0013	0.0033	0.0010	0	0	0	0	0
80.0	0.0035	0.0036	0.0016	0.0015	0	0	0	0	0	0
82.5	0.0035	0.0023	0.0025	0	0	0	0	0	0	0
85.0	0.0035	0.0001	0	0	0	0	0	0	0	0
87.5	0.0035	0	0	0	0	0	0	0	0	0
90.0	0.0035	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	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1743	1739	1735	1733	1729	1724	1721	1718	1717	1714
5.0	1593	1592	1588	1586	1580	1573	1564	1550	1539	1526
7.5	1418	1410	1405	1401	1398	1397	1393	1389	1385	1375
10.0	1171	1171	1172	1180	1189	1199	1210	1219	1230	1232
12.5	911.9	924.5	949.8	967.9	984.8	997.5	1005	1008	1009	1004
15.0	718.5	747.8	772.2	791.6	804.0	808.8	806.5	799.5	787.5	771.8
17.5	571.7	601.1	614.9	608.9	602.6	595.0	587.6	580.3	573.5	565.9
20.0	435.8	428.5	417.9	404.4	388.8	376.0	365.4	359.8	359.4	363.9
22.5	283.4	266.4	244.8	247.6	261.0	272.0	279.8	283.7	284.4	282.8
25.0	163.9	167.7	182.8	195.7	205.3	211.7	214.1	212.7	209.3	204.9
27.5	119.2	130.9	142.5	149.1	147.7	145.3	141.7	138.1	135.5	133.7
30.0	92.36	99.41	97.68	93.09	85.61	76.96	69.02	63.39	61.63	63.59
32.5	66.27	62.52	55.11	43.56	45.10	46.51	47.55	48.03	48.07	47.63
35.0	40.10	32.60	33.08	34.32	35.04	35.48	35.47	35.09	34.50	33.78
37.5	21.65	24.38	25.58	25.96	25.00	23.81	22.62	21.67	21.12	20.93
40.0	16.20	18.55	18.06	16.36	14.15	11.82	9.727	8.234	7.735	8.218
42.5	12.06	11.81	10.02	7.300	6.435	6.387	6.330	6.258	6.241	6.213
45.0	6.676	5.407	4.900	5.197	5.156	5.040	4.908	4.802	4.746	4.690
47.5	2.753	3.237	3.879	4.056	3.860	3.637	3.440	3.311	3.251	3.243
50.0	2.150	2.588	2.897	2.764	2.469	2.194	1.963	1.818	1.757	1.803
52.5	1.726	1.791	1.747	1.472	1.406	1.413	1.396	1.383	1.367	1.368
55.0	1.157	1.039	1.013	1.068	1.072	1.053	1.024	0.9949	0.9773	0.9790
57.5	0.6730	0.7226	0.7509	0.7743	0.7304	0.6805	0.6373	0.6052	0.5893	0.6000
60.0	0.4853	0.5053	0.4772	0.4349	0.3665	0.2994	0.2475	0.2149	0.2014	0.2214
62.5	0.2931	0.2445	0.1869	0.1099	0.1353	0.1421	0.1498	0.1520	0.1510	0.1565
65.0	0.0865	0.0272	0.0660	0.0857	0.0988	0.1008	0.1047	0.1023	0.1007	0.1042
67.5	0	0.0175	0.0466	0.0587	0.0588	0.0568	0.0552	0.0519	0.0503	0.0528
70.0	0	0.0123	0.0242	0.0228	0.0178	0.0114	0.0055	0.0014	0	0.0014
72.5	0	0.0031	0.0000	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:2025-07-01

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	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1713	1713	1714	1716	1716	1718	1721	1727	1734	1742
5.0	1517	1505	1495	1487	1482	1482	1482	1485	1491	1501
7.5	1365	1351	1333	1315	1293	1276	1246	1221	1207	1217
10.0	1228	1217	1202	1182	1156	1123	1088	1052	1015	978.9
12.5	998.7	991.6	987.4	983.7	980.3	981.6	955.7	907.0	858.3	811.0
15.0	759.2	747.0	738.8	731.6	728.5	727.5	729.3	733.0	724.3	667.5
17.5	559.6	549.3	537.0	520.4	501.6	498.7	505.8	514.0	522.7	531.0
20.0	370.7	376.4	377.1	373.6	364.7	351.9	335.3	334.1	348.1	361.1
22.5	279.3	273.9	266.8	258.9	253.9	250.8	242.0	228.4	215.4	231.3
25.0	199.7	194.6	189.8	185.6	181.8	177.5	173.0	164.4	151.3	138.0
27.5	131.8	129.2	125.7	121.0	120.4	120.9	120.1	117.7	107.9	98.82
30.0	68.14	73.00	76.98	78.94	78.32	75.08	76.21	78.17	80.80	72.06
32.5	46.82	45.71	44.40	43.01	48.11	49.28	48.99	49.47	52.26	53.19
35.0	33.04	32.47	32.00	31.35	30.38	29.69	31.97	31.10	30.67	32.92
37.5	20.94	21.04	20.97	20.62	20.81	20.64	20.12	20.26	18.41	18.35
40.0	9.406	10.91	12.27	13.11	13.34	13.32	13.45	12.91	11.86	10.07
42.5	6.190	6.174	6.134	6.659	8.130	8.540	7.834	8.013	7.586	6.635
45.0	4.683	4.705	4.725	4.767	4.754	5.008	5.030	4.505	4.696	4.565
47.5	3.293	3.364	3.414	3.457	3.464	3.281	2.976	3.024	2.701	2.892
50.0	1.942	2.121	2.288	2.411	2.352	2.170	2.101	1.994	1.896	1.763
52.5	1.390	1.409	1.411	1.458	1.565	1.501	1.387	1.382	1.357	1.214
55.0	1.003	1.025	1.038	1.041	1.016	1.014	1.001	0.8888	0.9167	0.9132
57.5	0.6294	0.6615	0.6846	0.6851	0.6915	0.6940	0.6893	0.6271	0.5553	0.5979
60.0	0.2605	0.3148	0.3688	0.4015	0.4150	0.4167	0.4316	0.3996	0.3611	0.3019
62.5	0.1610	0.1640	0.1599	0.1437	0.1864	0.2103	0.2146	0.2194	0.2084	0.1501
65.0	0.1092	0.1119	0.1080	0.0971	0.0773	0.0430	0.0693	0.0961	0.0903	0.0309
67.5	0.0574	0.0615	0.0607	0.0539	0.0396	0.0206	0.0059	0.0152	0.0241	0.0014
70.0	0.0058	0.0123	0.0185	0.0217	0.0165	0.0082	0.0038	0.0031	0.0033	0.0026
72.5	0	0	0	0	0.0000	0.0020	0.0016	0.0014	0.0021	0.0029
75.0	0	0	0	0	0	0	0	0.0003	0.0009	0.0000
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	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1752	1764	1777	1791	1807	1823	1841	1821	1801	1783
5.0	1515	1532	1554	1579	1608	1641	1677	1636	1599	1566
7.5	1231	1251	1278	1310	1348	1392	1442	1387	1338	1294
10.0	945.2	965.2	995.0	1031	1074	1124	1182	1119	1064	1015
12.5	765.9	725.6	733.7	771.1	815.2	866.7	926.8	862.0	805.7	756.6
15.0	613.7	566.6	525.6	548.2	589.1	636.6	693.0	632.4	580.3	534.7
17.5	487.6	437.4	393.9	372.3	408.7	450.6	499.6	446.8	400.8	360.2
20.0	372.4	334.2	292.6	256.5	273.1	307.3	348.1	304.2	266.5	245.6
22.5	245.4	255.2	214.2	181.1	177.5	204.9	236.3	202.4	172.3	171.9
25.0	153.2	162.7	154.4	128.2	114.2	134.5	158.0	132.9	110.8	120.9
27.5	91.94	102.5	111.3	90.86	74.11	87.93	106.1	87.11	72.15	85.84
30.0	61.39	61.31	68.84	62.60	49.04	55.54	69.85	55.18	47.98	59.67
32.5	43.53	34.41	40.56	41.95	31.03	32.99	43.52	32.88	30.55	40.53
35.0	31.01	23.08	22.37	26.18	19.04	18.38	25.42	18.38	18.90	25.65
37.5	19.63	15.60	11.49	14.11	11.51	9.984	14.30	9.963	11.50	14.11
40.0	10.93	10.80	7.130	7.659	7.057	5.551	7.879	5.499	7.002	7.570
42.5	5.703	6.576	4.948	4.304	4.569	3.415	4.697	3.353	4.457	4.147
45.0	3.653	3.714	3.588	2.606	3.190	2.255	3.044	2.208	3.055	2.452
47.5	2.634	2.121	2.534	1.830	2.125	1.638	2.126	1.606	2.031	1.721
50.0	1.879	1.524	1.592	1.410	1.424	1.204	1.523	1.183	1.371	1.330
52.5	1.190	1.170	0.9994	1.095	0.9382	0.8464	1.090	0.8323	0.9057	1.036
55.0	0.7424	0.8193	0.6494	0.8097	0.5595	0.5644	0.7271	0.5547	0.5376	0.7611
57.5	0.5509	0.4670	0.4603	0.4469	0.3024	0.3532	0.4680	0.3469	0.2874	0.4152
60.0	0.3711	0.2470	0.2856	0.1561	0.1346	0.1601	0.2647	0.1607	0.1287	0.1443
62.5	0.1604	0.1384	0.0656	0.0077	0.0190	0.0007	0.0321	0.0007	0.0216	0.0085
65.0	0.0376	0.0233	0.0082	0.0003	0.0034	0.0002	0.0139	0.0006	0.0132	0.0013
67.5	0	0.0061	0.0123	0.0020	0.0025	0.0013	0.0139	0.0020	0.0076	0.0014
70.0	0	0.0009	0.0082	0.0040	0.0009	0	0.0139	0.0036	0.0047	0.0038
72.5	0	0	0.0022	0.0065	0	0	0.0104	0.0041	0.0012	0.0065
75.0	0	0	0	0.0042	0.0020	0	0.0104	0.0056	0.0010	0.0028
77.5	0	0	0	0.0004	0.0049	0	0.0104	0.0054	0.0028	0.0002

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2025-07-01

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	0	0	0.0019	0	0.0069	0.0013	0.0005	0
82.5	0	0	0	0	0	0.0000	0.0035	0	0	0
85.0	0	0	0	0	0	0.0016	0.0035	0	0	0
87.5	0	0	0	0	0	0	0.0000	0	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	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1766	1751	1737	1725	1715	1705	1698	1693	1690	1688
5.0	1536	1510	1488	1470	1455	1445	1438	1434	1431	1433
7.5	1256	1224	1198	1177	1161	1167	1184	1201	1218	1234
10.0	973.4	937.6	911.0	934.6	959.2	984.9	1010	1034	1057	1075
12.5	713.5	698.1	728.7	763.4	798.4	832.9	866.1	882.3	879.3	880.3
15.0	596.4	539.3	576.9	619.2	663.7	668.7	662.2	657.1	654.7	654.0
17.5	375.9	411.6	453.2	488.5	479.0	469.3	460.4	451.6	451.8	464.0
20.0	275.6	311.7	342.6	331.3	318.9	304.9	304.3	316.6	324.7	328.0
22.5	198.9	233.7	224.9	211.9	195.8	207.3	217.3	223.0	221.7	223.0
25.0	142.2	148.7	139.8	125.8	138.0	147.5	153.9	155.9	158.7	160.7
27.5	102.2	94.24	84.64	90.17	99.51	105.0	106.4	106.1	104.8	104.3
30.0	64.94	57.80	57.74	66.35	73.41	71.71	68.66	65.41	67.27	66.51
32.5	39.21	33.57	41.76	49.97	48.16	44.81	43.27	41.78	39.66	33.97
35.0	22.03	22.96	30.42	31.71	29.06	28.38	27.56	24.14	24.17	24.88
37.5	11.45	15.80	19.79	18.24	17.75	18.38	16.86	16.91	16.77	16.47
40.0	6.996	10.89	11.01	10.07	11.45	11.69	11.72	11.23	10.96	10.59
42.5	4.740	6.416	5.508	6.459	7.352	7.501	7.151	7.399	6.762	5.501
45.0	3.354	3.486	3.388	4.256	4.481	4.310	4.611	4.346	4.813	3.977
47.5	2.320	1.924	2.370	2.625	2.479	2.813	2.691	2.886	2.977	2.934
50.0	1.467	1.381	1.668	1.568	1.716	1.807	1.891	1.939	2.063	2.081
52.5	0.9281	1.065	1.059	1.079	1.220	1.247	1.238	1.344	1.392	1.297
55.0	0.5944	0.7431	0.6659	0.8127	0.8136	0.7898	0.8807	0.8966	0.9115	0.9278
57.5	0.4095	0.4118	0.4886	0.5298	0.4836	0.5459	0.5872	0.6029	0.6124	0.6070
60.0	0.2457	0.2959	0.3185	0.2516	0.3065	0.3425	0.3639	0.3548	0.3589	0.3506
62.5	0.0537	0.1092	0.1321	0.1120	0.1627	0.1859	0.1855	0.1736	0.1527	0.1163
65.0	0.0060	0.0145	0.0290	0.0081	0.0635	0.0806	0.0602	0.0287	0.0602	0.0779
67.5	0.0090	0.0046	0.0002	0.0029	0.0161	0.0135	0.0085	0.0146	0.0293	0.0429
70.0	0.0047	0.0007	0.0014	0.0053	0.0066	0.0050	0.0041	0.0047	0.0116	0.0169
72.5	0.0019	0.0011	0.0033	0.0061	0.0043	0.0028	0.0016	0.0011	0.0000	0
75.0	0	0.0026	0.0028	0.0035	0.0018	0.0005	0	0	0	0
77.5	0	0.0025	0.0014	0.0007	0	0	0	0	0	0
80.0	0	0.0000	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	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1685	1683	1682	1683	1686	1687	1689	1693	1698	1704
5.0	1438	1446	1456	1464	1477	1487	1500	1510	1520	1529
7.5	1247	1261	1271	1280	1290	1296	1303	1311	1315	1324
10.0	1087	1098	1104	1103	1104	1099	1096	1091	1087	1087
12.5	882.7	885.7	892.0	895.3	901.9	903.3	904.5	900.0	893.0	882.3
15.0	657.7	663.1	672.9	684.7	700.0	710.6	721.4	728.0	727.2	719.7
17.5	473.9	482.3	490.9	497.6	506.6	514.5	525.4	535.5	545.8	555.5
20.0	326.8	323.0	317.9	313.8	313.2	317.3	326.4	338.9	355.1	371.4
22.5	227.7	232.3	237.0	241.8	246.0	248.6	248.6	245.5	239.1	229.1
25.0	162.5	164.9	168.3	172.9	178.7	184.1	188.1	189.2	187.0	180.3
27.5	107.1	108.7	110.1	111.8	114.7	118.4	123.5	128.7	133.7	136.6
30.0	63.96	59.64	55.18	51.69	50.60	52.56	58.57	67.23	76.63	84.67
32.5	35.28	36.38	37.47	38.51	39.39	39.70	39.88	39.88	39.36	38.40
35.0	25.44	25.92	26.45	27.21	28.19	28.97	29.69	30.32	30.55	30.29
37.5	16.75	16.91	16.87	16.96	17.34	17.97	19.02	20.40	21.76	22.86
40.0	9.948	8.943	7.780	6.848	6.489	6.951	8.270	10.20	12.36	14.40
42.5	5.128	5.181	5.205	5.215	5.248	5.297	5.414	5.546	5.629	6.397
45.0	3.964	3.959	3.962	3.960	4.006	4.063	4.207	4.377	4.518	4.575
47.5	2.883	2.853	2.810	2.763	2.769	2.826	2.975	3.174	3.400	3.578
50.0	1.968	1.833	1.689	1.576	1.531	1.588	1.735	1.945	2.203	2.466
52.5	1.248	1.234	1.211	1.191	1.185	1.202	1.237	1.266	1.285	1.358
55.0	0.9174	0.8924	0.8664	0.8423	0.8384	0.8548	0.8970	0.9370	0.9722	0.9866
57.5	0.6007	0.5682	0.5307	0.5021	0.4939	0.5088	0.5500	0.5900	0.6508	0.7009
60.0	0.3185	0.2578	0.1992	0.1621	0.1493	0.1624	0.2019	0.2526	0.3109	0.3809
62.5	0.1317	0.1271	0.1174	0.1133	0.1120	0.1133	0.1174	0.1132	0.0979	0.0823
65.0	0.0879	0.0881	0.0797	0.0759	0.0746	0.0759	0.0797	0.0807	0.0711	0.0616
67.5	0.0489	0.0490	0.0420	0.0385	0.0373	0.0385	0.0420	0.0457	0.0423	0.0396
70.0	0.0149	0.0099	0.0042	0.0010	0	0.0010	0.0042	0.0092	0.0128	0.0161

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2025-07-01

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	1894	1894	1894	1894	1894	1894	1894	1894	1894	1894
2.5	1708	1712	1718	1725	1733	1741	1748	1756	1765	1775
5.0	1535	1542	1547	1552	1558	1563	1566	1571	1578	1587
7.5	1333	1344	1357	1373	1385	1388	1372	1367	1364	1363
10.0	1090	1095	1103	1115	1133	1154	1178	1160	1143	1129
12.5	866.9	847.2	844.5	853.3	868.0	887.6	911.3	940.7	932.6	906.2
15.0	706.4	687.8	664.8	639.4	623.4	643.8	667.3	695.3	727.4	705.2
17.5	562.8	554.6	530.3	503.1	474.8	447.9	462.8	488.9	518.0	534.4
20.0	386.0	396.7	404.9	393.9	365.7	338.2	313.4	328.4	354.4	382.2
22.5	226.2	247.5	264.5	276.7	282.3	255.4	231.1	211.9	234.1	257.0
25.0	168.7	156.3	153.6	173.7	186.4	193.9	171.0	151.1	149.2	167.0
27.5	131.0	121.6	111.6	101.2	114.8	125.4	127.1	108.2	92.27	103.8
30.0	89.29	91.87	86.11	77.54	68.78	76.72	83.49	76.99	61.03	60.19
32.5	49.74	57.25	61.46	59.52	51.62	42.39	49.17	53.25	39.35	32.17
35.0	29.29	29.22	37.11	40.90	38.81	29.92	25.52	29.30	25.02	17.42
37.5	22.64	21.91	20.38	23.44	25.27	21.18	14.81	15.24	15.91	11.07
40.0	15.98	16.69	15.42	12.36	13.35	13.90	10.27	7.984	9.334	7.537
42.5	8.950	10.77	11.58	9.102	6.686	7.624	7.382	5.336	5.616	5.388
45.0	4.439	5.140	6.602	6.605	5.041	4.037	4.688	4.038	3.546	3.981
47.5	3.546	3.177	2.817	3.804	3.872	3.036	2.880	3.127	2.368	2.795
50.0	2.652	2.526	2.195	1.964	2.399	2.372	1.884	2.072	1.797	1.846
52.5	1.650	1.769	1.758	1.585	1.322	1.598	1.466	1.330	1.411	1.215
55.0	0.9795	1.040	1.183	1.247	1.038	0.9315	1.098	0.9061	1.015	0.7449
57.5	0.7215	0.7184	0.6918	0.7878	0.8009	0.6518	0.6346	0.6729	0.5888	0.5121
60.0	0.4535	0.4974	0.4944	0.4419	0.4663	0.4943	0.3307	0.4174	0.3042	0.3493
62.5	0.1628	0.2433	0.2983	0.3020	0.2370	0.2454	0.2170	0.1166	0.1627	0.1440
65.0	0.0471	0.0219	0.0893	0.1585	0.1572	0.0659	0.0889	0.0192	0.0644	0.0176
67.5	0.0352	0.0123	0	0.0153	0.0686	0.0428	0.0068	0.0056	0.0018	0.0061
70.0	0.0174	0.0128	0	0	0	0.0120	0.0042	0.0064	0.0022	0.0032
72.5	0.0000	0.0028	0	0	0	0	0.0016	0.0047	0.0051	0.0004
75.0	0	0	0	0	0	0	0.0016	0.0035	0.0014	0.0014
77.5	0	0	0	0	0	0	0	0.0015	0.0033	0.0033
80.0	0	0	0	0	0	0	0	0	0.0015	0.0015
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	1894	1894								
2.5	1786	1798								
5.0	1598	1612								
7.5	1366	1374								
10.0	1121	1119								
12.5	886.2	873.8								
15.0	676.2	655.3								
17.5	501.2	476.6								
20.0	362.7	336.7								
22.5	256.8	231.1								
25.0	176.8	152.2								
27.5	116.9	97.91								
30.0	69.67	59.24								
32.5	38.20	34.33								
35.0	20.53	19.64								
37.5	11.45	11.85								
40.0	6.989	7.645								
42.5	4.603	5.312								
45.0	3.121	3.834								
47.5	2.256	2.674								
50.0	1.693	1.863								
52.5	1.282	1.310								
55.0	0.9314	0.8564								
57.5	0.6129	0.4994								
60.0	0.2954	0.2482								
62.5	0.0578	0.0369								

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2025-07-01

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:

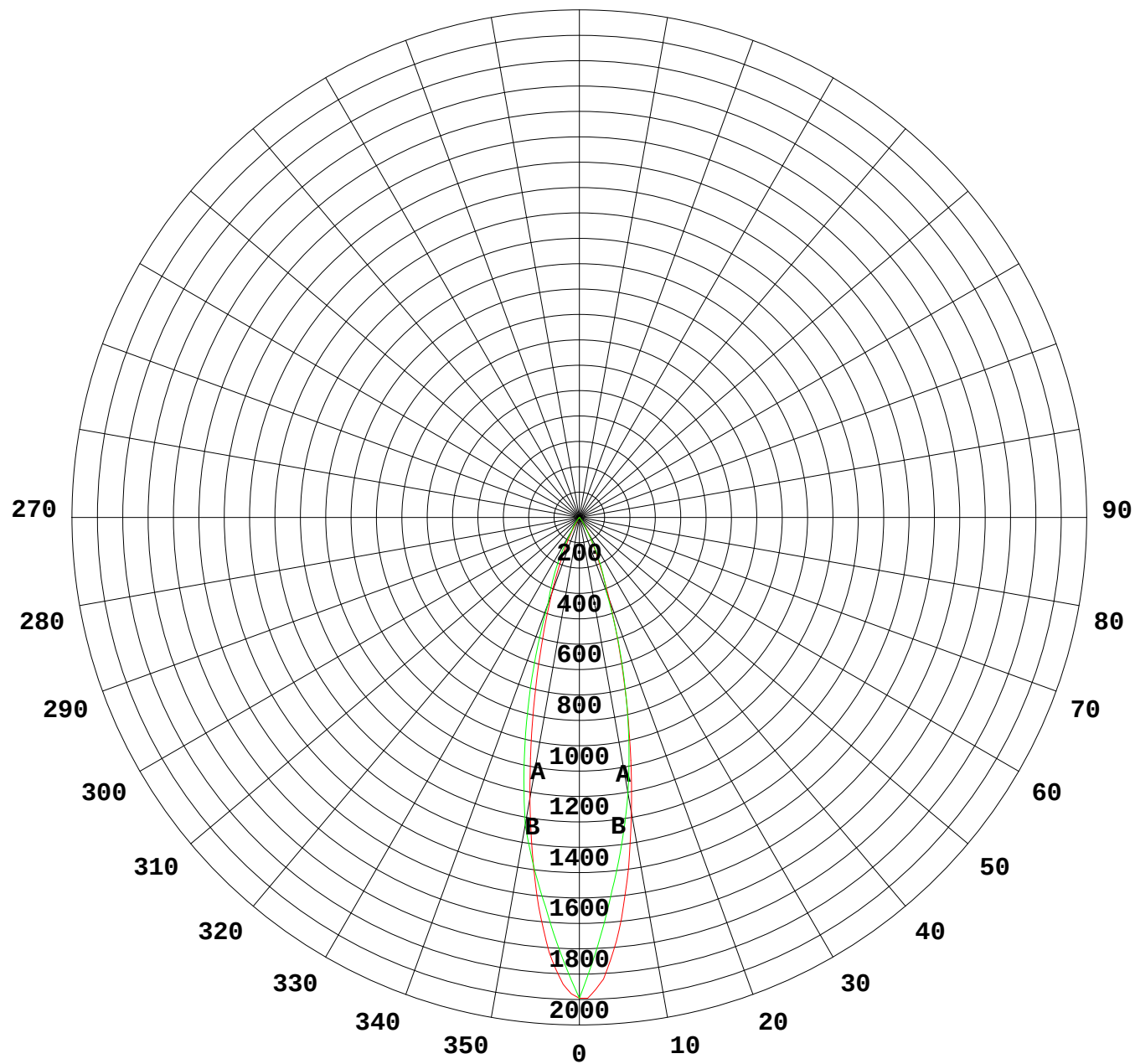
Photometric Data Table [cd]

65.0	0.0004	0.0134
67.5	0.0019	0.0113
70.0	0.0038	0.0080
72.5	0.0061	0.0047
75.0	0.0049	0.0021
77.5	0.0013	0.0010
80.0	0.0016	0.0044
82.5	0.0000	0.0035
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:2025-07-01

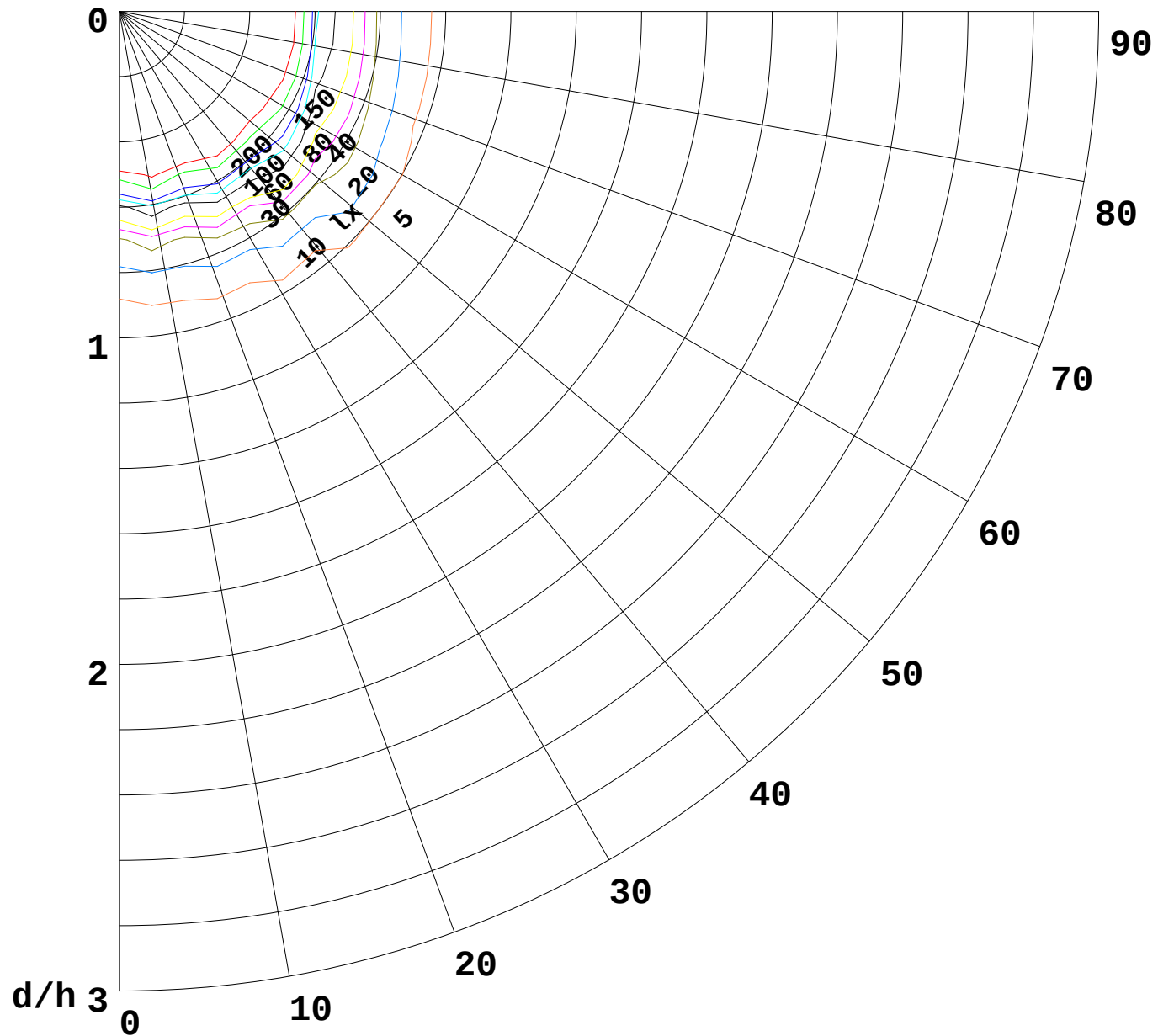
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

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

