

TEST REPORT

Report reference No.....	GEN2026134.01								
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-TB18S1 SBK 3000K[CRI90] N24D(LP500-20-48V)									
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	15	18	1200	1190	F	5020	50000	3000K	24
Power supply	LP500-20-48V								
Light model	SMD LED CH-1523-0 321X16MM 3C6B OSRAM2835,9V 100mA 1W, 3000K<CRI90>,1590LM								

Light Output Ratio:	75%	
Luminaire Power:	15.36W	
SUR.:	0.0052 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:2026-07-01

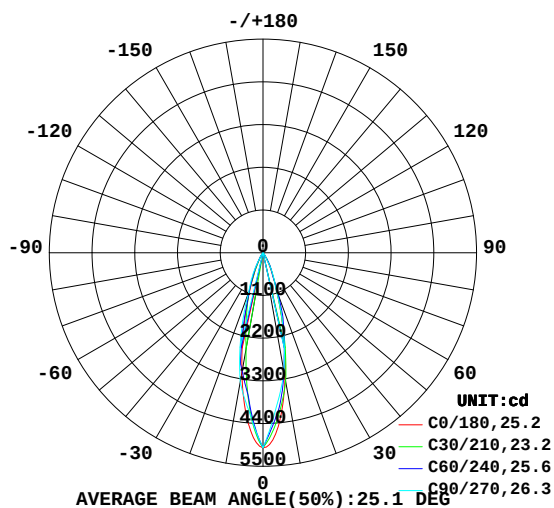
V(B) Range: -90 - 90DEG
V(B) Interval:5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

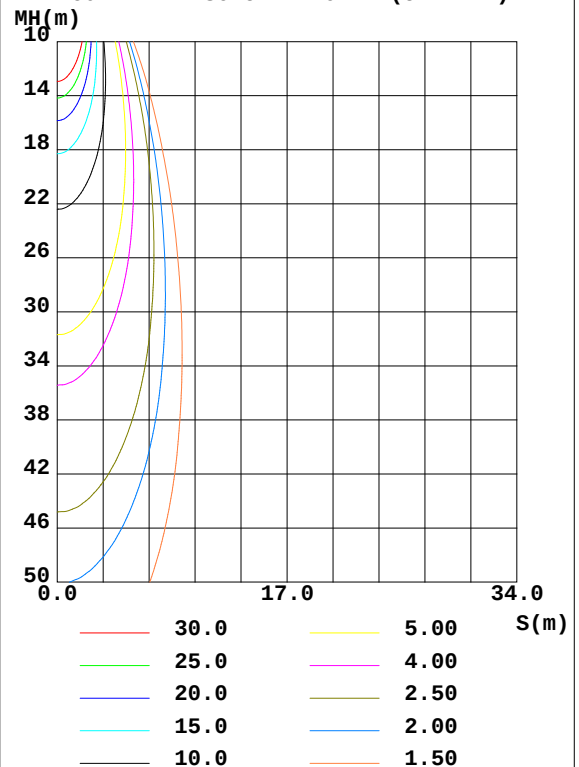
Test:U:48.00V I:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:413g
SPEC.:15W	DIM.: L331*W22.5*H105mm	SERIAL No.:GEN2026134.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.37 lm/W			
MODEL: H-1523-0 321X16MM 3C6B		I _{max} (cd)	5022	S/MH(C0/180)	0.42
NOMINAL POWER(W)	13.5	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	27	TOTAL FLUX(lm)	1219.1	η UP, DN(C0-180)	0.0, 48.7
NOMINAL FLUX(lm)	67.7284	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 51.3
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:2026-07-01

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	4498	4235	3978	3845	4397	3923	4106	4332	0- 5	106.8	106.8	8.76, 8.76
10	3275	3191	3115	2675	3137	2807	3383	3347	5- 10	254.4	361.2	29.6, 29.6
15	1973	1950	1998	1828	1860	1958	2184	2101	10- 15	293.8	655.0	53.7, 53.7
20	1034	1232	951.5	846.0	937.3	909.2	1072	1339	15- 20	238.8	893.7	73.3, 73.3
25	490.6	564.0	557.0	426.0	433.6	465.5	618.0	624.5	20- 25	154.4	1048	86, 86
30	196.3	258.5	179.4	211.1	171.3	232.0	186.3	291.1	25- 30	89.97	1138	93.4, 93.4
35	67.97	136.4	102.1	85.28	61.21	91.17	105.4	151.1	30- 35	43.23	1181	96.9, 96.9
40	24.45	43.71	26.73	38.28	22.89	38.95	27.58	46.46	35- 40	20.70	1202	98.6, 98.6
45	11.15	24.12	16.42	14.14	11.04	14.33	17.05	25.68	40- 45	8.921	1211	99.3, 99.3
50	5.723	7.071	6.281	6.933	5.768	7.053	6.715	7.496	45- 50	4.467	1215	99.7, 99.7
55	2.496	4.490	3.499	3.106	2.512	3.139	3.740	4.802	50- 55	2.237	1218	99.9, 99.9
60	0.6668	1.600	0.7497	1.386	0.6895	1.370	0.8008	1.742	55- 60	1.049	1219	100, 100
65	0.0039	0.5734	0.3729	0.3218	0.0474	0.3146	0.3965	0.6230	60- 65	0.3004	1219	100, 100
70	0.0039	0.0044	0.0079	0.0275	0.0395	0.0171	0	0	65- 70	0.0604	1219	100, 100
75	0.0039	0.0146	0.0059	0.0027	0.0317	0.0015	0	0	70- 75	0.0067	1219	100, 100
80	0.0039	0.0087	0.0039	0.0024	0.0237	0	0	0	75- 80	0.0030	1219	100, 100
85	0.0039	0.0063	0.0039	0.0039	0.0236	0	0	0	80- 85	0.0019	1219	100, 100
90	0.0039	0.0118	0.0039	0.0039	0.0009	0	0	0	85- 90	0.0017	1219	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): 1211 lm

%lum = 99.3%

%lamp = 99.3%

Conical surface Flux(120deg): 1218.7 lm

%lum = 100.0%

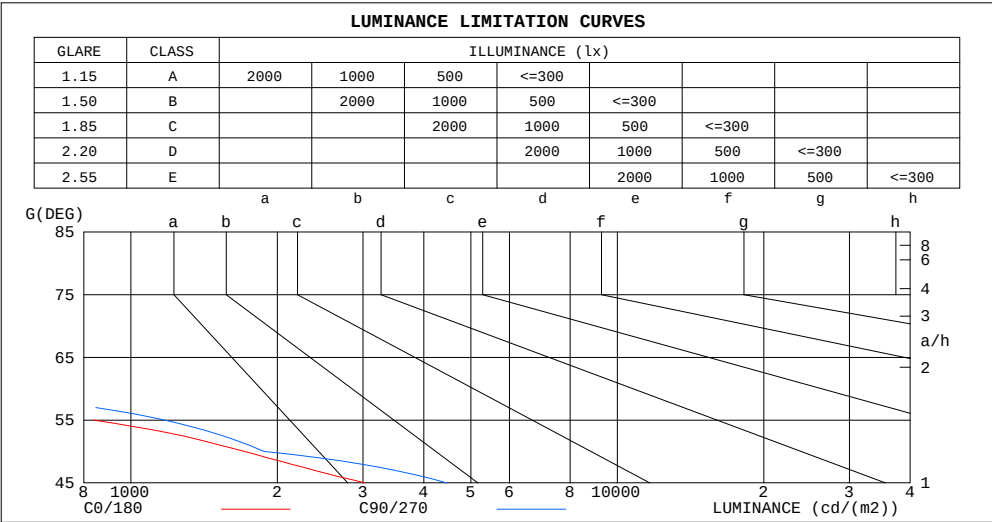
%lamp = 100.0%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-01

$V(B)$ 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:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	9	9
80	4	4
75	3	4
70	2	4
65	2	170
60	256	288
55	837	1173
50	1712	1878
45	3032	4464

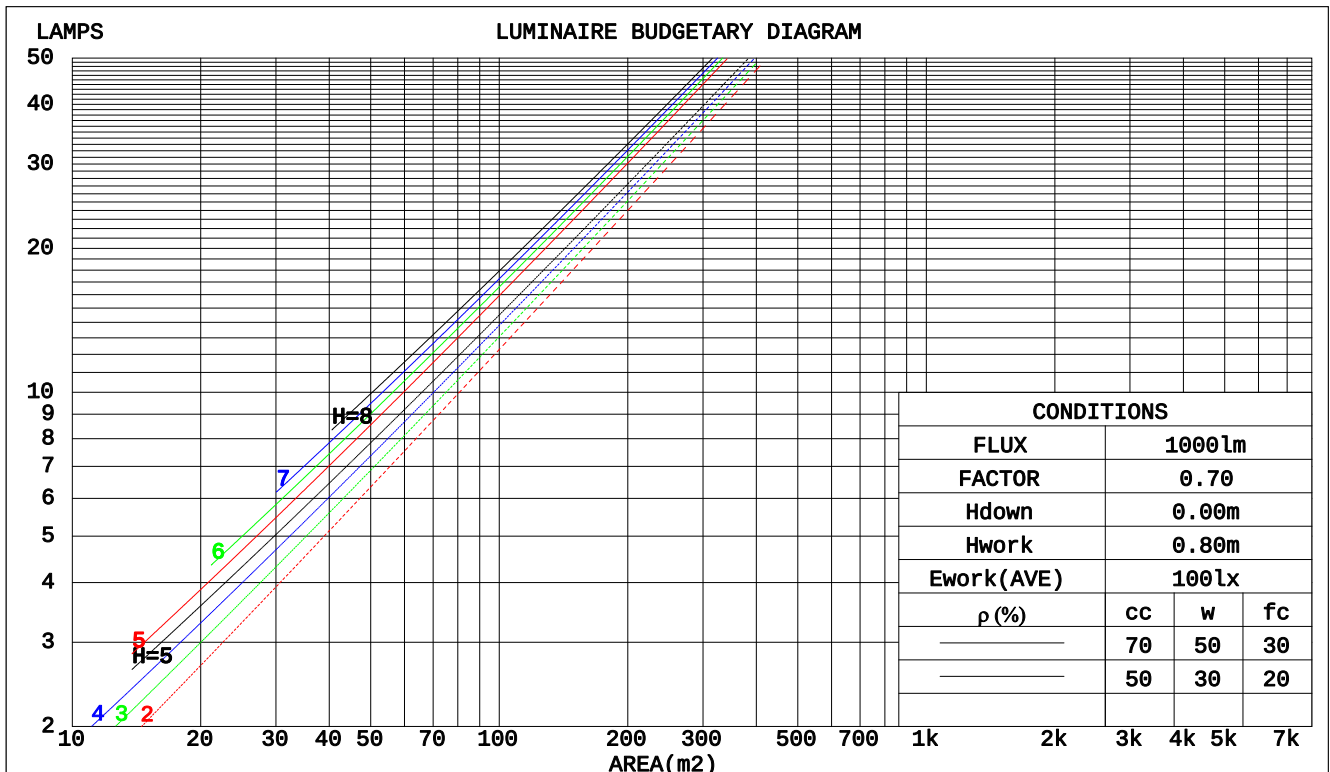
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	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	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2.0	1.07	1.04	1.01	1.05	1.03	1.00	1.02	.99	.98	.99	.98	.96	.97	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.95	.98	.95	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.98	.94	.90	.97	.93	.90	.95	.91	.89	.93	.90	.88	.91	.89	.87	.86
5.0	.94	.89	.86	.93	.89	.86	.91	.88	.85	.90	.87	.84	.88	.86	.84	.83
6.0	.90	.86	.83	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.80
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.79	.76	.82	.78	.76	.81	.78	.75	.74
9.0	.81	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
10.0	.79	.74	.71	.78	.74	.71	.77	.74	.71	.77	.73	.71	.76	.73	.71	.70



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

WEC AND CCEC

Test:U:48.00V I:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm								
NAME: LED Grille Light				TYPE:fixed			WEIGHT:365g	
SPEC.:15W				DIM.: L328*W22.5*H44mm			SERIAL No.:GEN2026130.01	
MFR.: KOE Lighting Ltd.				SUR.:W17XL17X18			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	.142	.081	.026	.136	.077	.025	.123	.071	.023	.112	.065	.021	.101	.059	.019	
2.0	.133	.073	.022	.127	.070	.022	.117	.065	.020	.108	.060	.019	.099	.056	.018	
3.0	.124	.066	.020	.120	.064	.019	.111	.060	.018	.103	.057	.017	.096	.053	.016	
4.0	.117	.061	.018	.113	.059	.018	.106	.056	.017	.099	.053	.016	.093	.050	.015	
5.0	.111	.056	.016	.107	.055	.016	.101	.053	.016	.095	.050	.015	.090	.048	.014	
6.0	.105	.053	.015	.102	.052	.015	.097	.050	.014	.092	.048	.014	.087	.046	.014	
7.0	.100	.049	.014	.098	.049	.014	.093	.047	.014	.089	.045	.013	.084	.044	.013	
8.0	.096	.047	.013	.093	.046	.013	.089	.045	.013	.085	.043	.012	.082	.042	.012	
9.0	.092	.044	.012	.090	.044	.012	.086	.043	.012	.083	.041	.012	.079	.040	.012	
10.0	.088	.042	.012	.086	.042	.012	.083	.041	.011	.080	.040	.011	.077	.039	.011	

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	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.014		
3.0	.136	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011		
4.0	.124	.098	.078	.107	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009		
5.0	.114	.086	.065	.098	.074	.057	.067	.052	.040	.039	.030	.024	.013	.010	.008		
6.0	.105	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007		
7.0	.098	.068	.047	.084	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006		
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005		
9.0	.086	.056	.035	.074	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004		
10.0	.082	.051	.031	.070	.044	.027	.049	.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:2026-07-01

$V(B)$ 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:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	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	8.9	9.6	9.1	9.8	9.9	9.1	9.8	9.3	9.9	10.1
3H	8.8	9.4	9.0	9.6	9.8	8.9	9.6	9.2	9.7	9.9
4H	8.7	9.3	8.9	9.5	9.7	8.8	9.4	9.1	9.7	9.9
6H	8.6	9.2	8.9	9.4	9.6	8.7	9.3	9.0	9.6	9.8
8H	8.6	9.1	8.8	9.4	9.6	8.7	9.3	9.0	9.5	9.8
12H	8.5	9.0	8.8	9.3	9.6	8.7	9.2	9.0	9.5	9.7
4H 2H	8.7	9.3	9.0	9.5	9.7	8.8	9.5	9.1	9.7	9.9
3H	8.5	9.1	8.8	9.3	9.6	8.7	9.2	9.0	9.5	9.7
4H	8.4	8.9	8.8	9.2	9.5	8.6	9.1	8.9	9.4	9.7
6H	8.3	8.8	8.7	9.1	9.4	8.5	8.9	8.8	9.2	9.6
8H	8.3	8.7	8.7	9.0	9.4	8.4	8.8	8.8	9.2	9.5
12H	8.2	8.6	8.6	9.0	9.3	8.4	8.7	8.8	9.1	9.5
8H 4H	8.3	8.7	8.7	9.0	9.4	8.4	8.8	8.8	9.2	9.5
6H	8.2	8.5	8.6	8.9	9.3	8.3	8.6	8.7	9.0	9.4
8H	8.1	8.4	8.5	8.8	9.2	8.2	8.5	8.7	9.0	9.4
12H	8.0	8.3	8.5	8.7	9.2	8.2	8.4	8.6	8.9	9.3
12H 4H	8.2	8.6	8.6	9.0	9.3	8.4	8.7	8.8	9.1	9.5
6H	8.1	8.4	8.5	8.8	9.2	8.2	8.5	8.7	9.0	9.4
8H	8.0	8.3	8.5	8.7	9.2	8.2	8.4	8.6	8.9	9.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -12.9					+ 2.8 / -12.8				
1.5H	+ 4.9 / - 7.6					+ 5.1 / - 9.1				
2.0H	+ 5.4 / -12.7					+ 5.5 / -14.3				

CIE Pub.117, 1219 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.7$)

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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

Test:U:48.00V I:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
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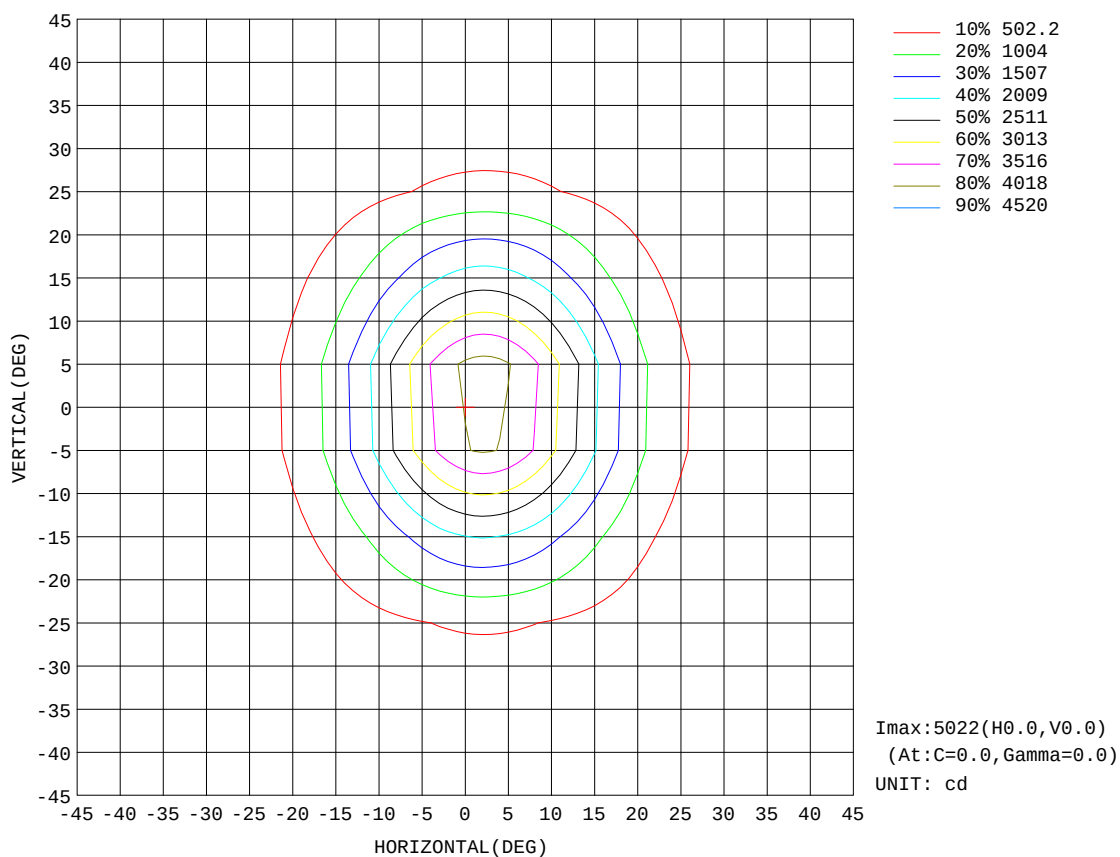
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	92	89
1.25	105	100	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	105	104	98
4.00	114	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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NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...

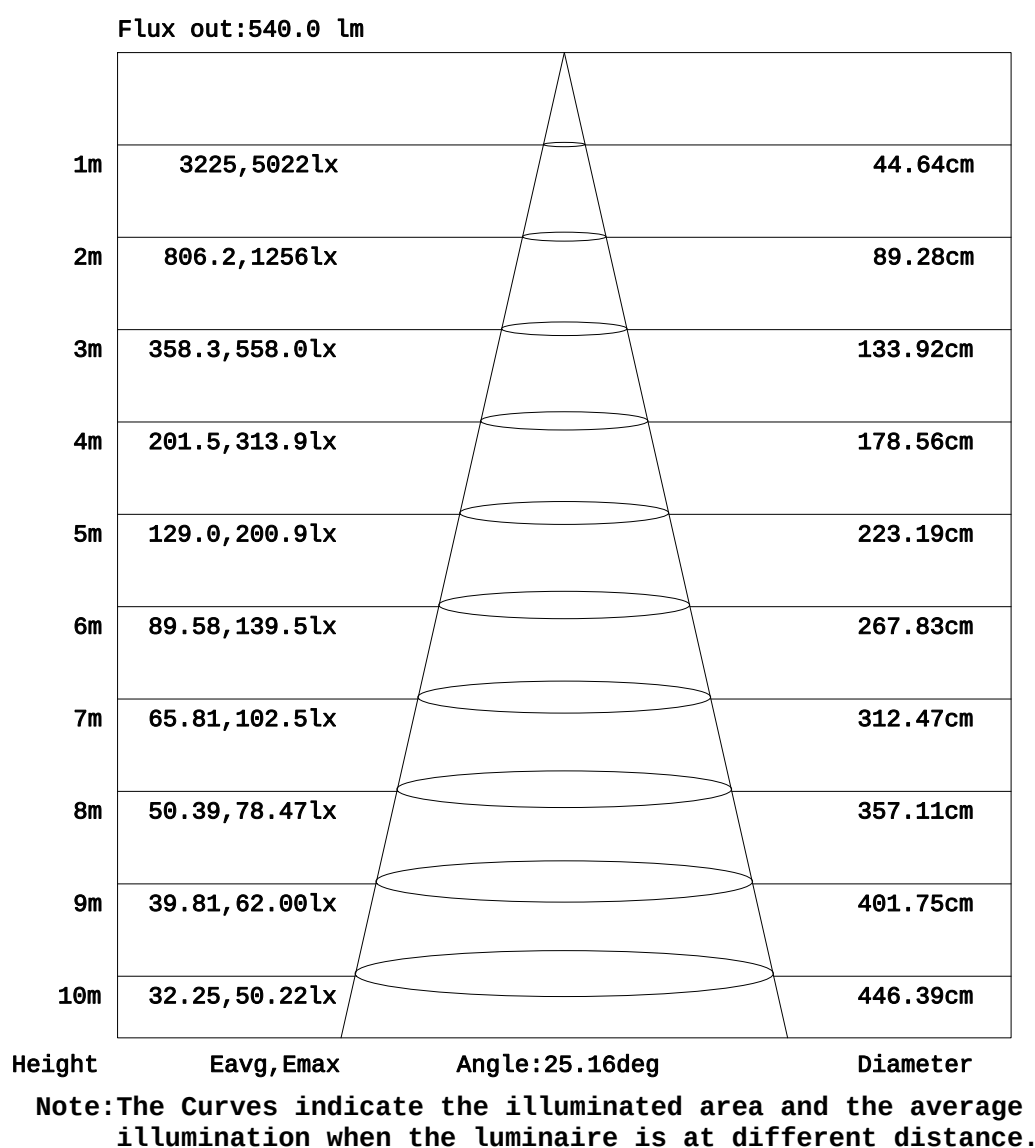


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-01

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:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...

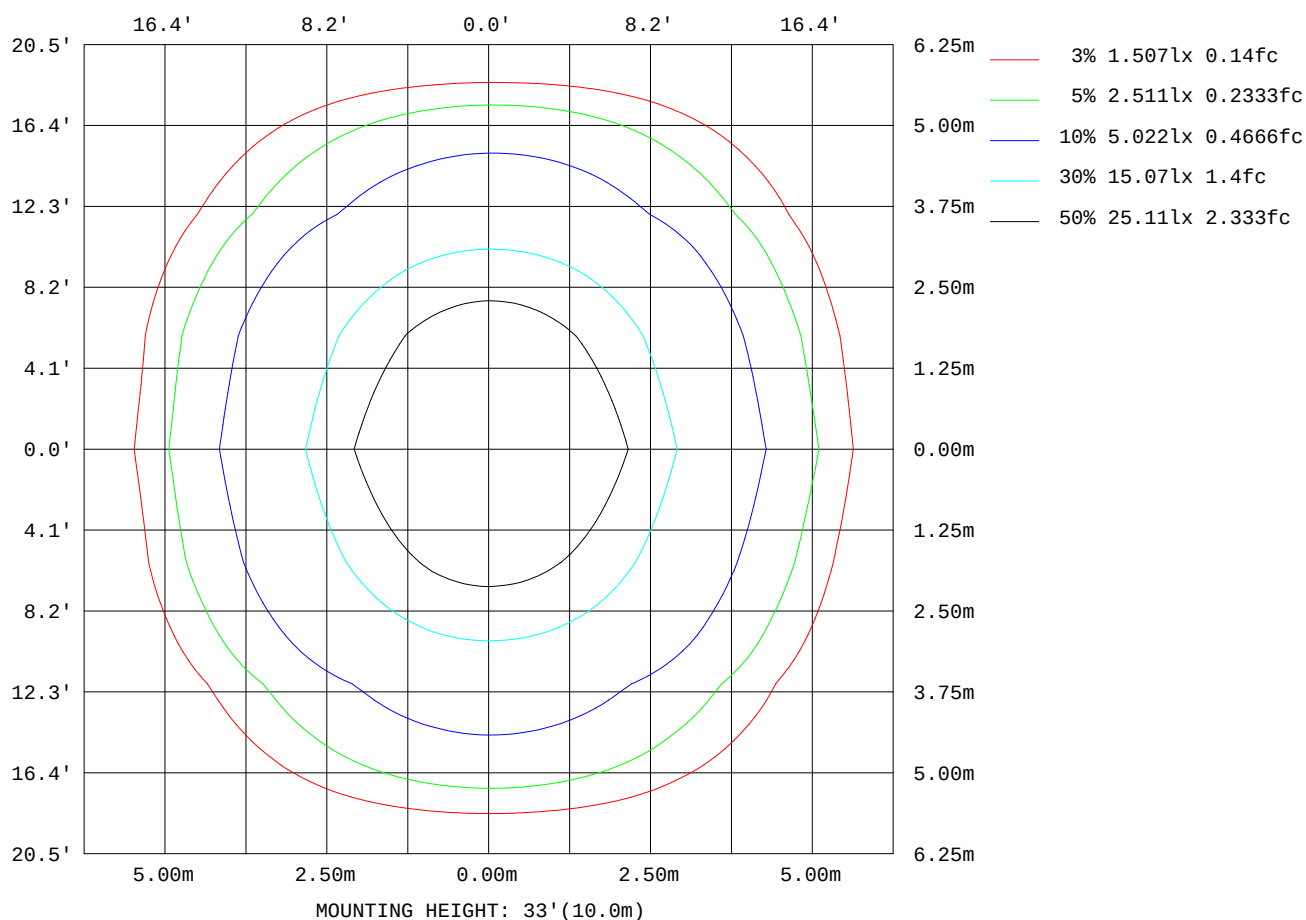


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-01

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:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-01

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:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Grille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	Shielding Angle:...

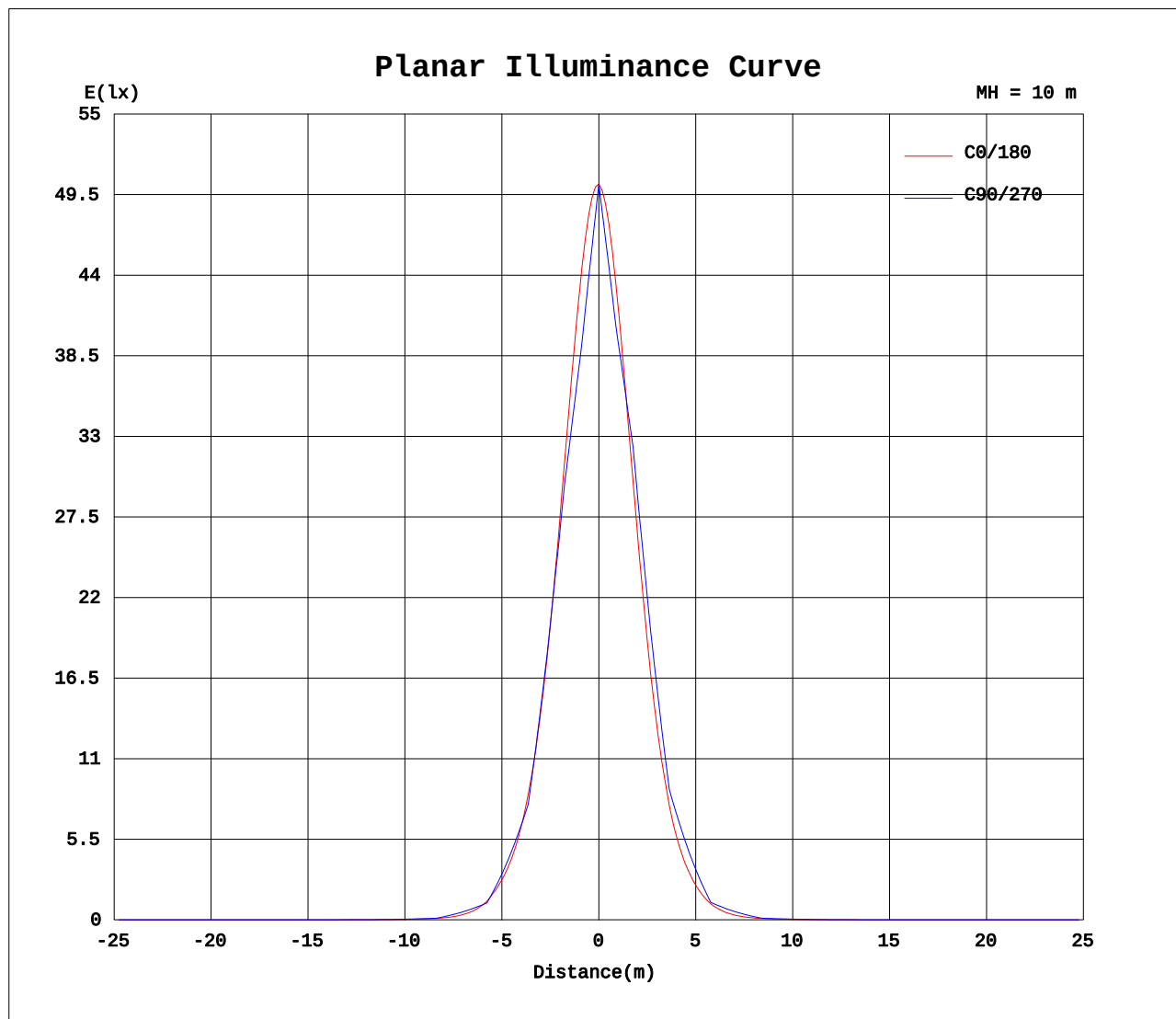
AvgL	cd/m2
L_0~180(65)av	12
L_0~180(75)av	13
L_0~180(85)av	30
L_90~270(65)av	175
L_90~270(75)av	2
L_90~270(85)av	4
L_45(65)av	208
L_45(75)av	3
L_45(85)av	6

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:2026-07-01

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:2026-07-01

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:

Test:U:48.00V I:0.3200A P:15.36W PF:1.000 Freq:0Hz Lamp Flux:67.7284x18 lm		
NAME: LED Gille Light	TYPE:fixed	WEIGHT:365g
SPEC.:15W	DIM.: L328*W22.5*H44mm	SERIAL No.:GEN2026130.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X18	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:

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	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4885	4850	4817	4786	4758	4732	4708	4686	4663	4640
5.0	4498	4450	4409	4373	4343	4317	4295	4276	4256	4235
7.5	3929	3889	3863	3847	3841	3838	3839	3844	3847	3812
10.0	3275	3256	3256	3271	3298	3334	3367	3296	3236	3191
12.5	2598	2607	2639	2690	2756	2773	2691	2622	2568	2528
15.0	1973	2005	2062	2143	2204	2112	2034	1969	1916	1950
17.5	1452	1497	1566	1659	1611	1526	1451	1414	1484	1553
20.0	1034	1083	1157	1212	1125	1043	1005	1080	1156	1232
22.5	720.4	768.4	836.5	829.5	754.1	683.3	743.7	821.1	901.4	879.8
25.0	490.6	534.1	596.3	553.7	492.1	493.7	554.5	626.1	605.9	564.0
27.5	327.6	366.4	411.5	359.4	312.8	359.2	416.4	410.5	377.9	335.8
30.0	196.3	236.9	263.4	221.4	214.6	260.6	278.5	254.4	228.8	258.5
32.5	116.6	145.9	154.4	127.3	145.3	185.6	170.3	146.7	172.8	198.5
35.0	67.97	88.64	89.56	74.10	97.66	108.6	93.59	105.8	136.4	136.4
37.5	39.34	53.82	51.08	47.36	65.69	60.38	56.95	76.77	87.45	79.21
40.0	24.45	32.98	29.45	31.46	39.11	32.49	40.50	52.03	48.58	43.71
42.5	15.87	21.45	17.91	21.50	22.69	21.29	29.55	29.76	25.89	32.71
45.0	11.15	14.59	11.67	15.20	13.54	15.70	18.65	15.95	19.57	24.12
47.5	7.932	10.10	8.514	10.48	8.855	11.95	11.13	11.75	14.92	14.07
50.0	5.723	7.079	6.400	6.981	6.808	7.847	7.145	9.058	9.044	7.071
52.5	4.039	4.948	4.818	4.617	5.359	5.014	5.556	6.039	4.841	5.701
55.0	2.496	3.245	3.508	2.868	3.831	3.417	4.167	3.539	3.822	4.490
57.5	1.452	1.857	2.334	1.989	2.216	2.553	2.446	2.460	2.942	2.829
60.0	0.6668	0.9024	1.139	1.344	1.125	1.612	1.300	1.846	1.701	1.600
62.5	0.0313	0.1277	0.2374	0.5580	0.6243	0.5327	0.8661	0.9128	0.8466	1.094
65.0	0.0039	0.0478	0.0091	0.0752	0.2342	0.1088	0.3635	0.2554	0.5570	0.5734
67.5	0.0039	0.0382	0.0144	0.0261	0.0060	0.0417	0.0332	0.1645	0.2445	0.0551
70.0	0.0039	0.0306	0.0209	0.0145	0.0089	0.0256	0.0190	0.0501	0.0008	0.0044
72.5	0.0039	0.0226	0.0258	0.0020	0.0186	0.0186	0.0067	0.0019	0.0061	0.0094
75.0	0.0039	0.0146	0.0178	0.0079	0.0188	0.0066	0.0029	0.0078	0.0116	0.0146
77.5	0.0039	0.0102	0.0046	0.0186	0.0075	0.0037	0.0096	0.0140	0.0140	0.0127
80.0	0.0039	0.0168	0.0090	0.0084	0.0043	0.0116	0.0151	0.0123	0.0103	0.0087
82.5	0.0039	0.0140	0.0110	0.0048	0.0141	0.0126	0.0096	0.0074	0.0058	0.0046
85.0	0.0039	0.0058	0.0051	0.0142	0.0091	0.0060	0.0040	0.0050	0.0057	0.0063
87.5	0.0039	0.0054	0.0088	0.0043	0.0061	0.0072	0.0079	0.0084	0.0088	0.0090
90.0	0.0039	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4618	4599	4581	4567	4549	4532	4518	4507	4500	4487
5.0	4216	4195	4169	4147	4114	4081	4047	4009	3978	3939
7.5	3767	3725	3691	3663	3636	3614	3588	3565	3546	3514
10.0	3152	3125	3111	3099	3097	3097	3098	3105	3115	3107
12.5	2502	2509	2538	2563	2577	2583	2578	2568	2556	2534
15.0	2006	2052	2085	2104	2110	2095	2071	2038	1998	1953
17.5	1615	1664	1672	1636	1600	1562	1529	1501	1475	1448
20.0	1249	1213	1167	1115	1063	1016	980.3	959.2	951.5	953.4
22.5	836.7	779.8	708.4	706.7	730.7	748.2	757.6	759.6	754.2	742.5
25.0	500.7	504.1	537.3	561.2	577.0	582.9	580.9	571.6	557.0	539.3
27.5	367.6	395.6	419.3	428.7	417.6	403.9	390.3	378.1	368.2	359.7
30.0	284.7	299.8	289.8	271.2	247.0	221.1	198.8	184.1	179.4	183.2
32.5	203.7	189.0	163.7	128.8	133.8	137.7	140.0	141.1	140.8	138.7
35.0	123.3	97.20	98.10	102.3	105.0	106.0	105.7	104.4	102.1	99.31
37.5	67.68	73.49	76.78	78.48	76.09	72.58	69.11	66.36	64.43	63.38
40.0	52.32	56.85	55.33	50.79	44.83	38.29	32.36	28.26	26.73	27.89
42.5	39.65	37.58	32.47	24.77	22.39	22.23	22.01	21.77	21.58	21.40
45.0	23.47	18.99	17.59	18.20	18.02	17.61	17.15	16.73	16.42	16.22
47.5	10.50	12.14	14.05	14.29	13.61	12.83	12.13	11.62	11.35	11.32
50.0	8.206	9.712	10.53	9.873	8.861	7.893	7.080	6.509	6.281	6.439
52.5	6.587	6.752	6.513	5.485	5.234	5.187	5.083	4.964	4.890	4.883
55.0	4.380	3.934	3.868	4.047	4.016	3.887	3.727	3.580	3.499	3.475
57.5	2.537	2.766	2.922	2.979	2.785	2.558	2.349	2.195	2.125	2.118
60.0	1.852	1.990	1.911	1.750	1.496	1.208	0.9667	0.8099	0.7497	0.7653
62.5	1.161	1.032	0.8254	0.5883	0.6486	0.6276	0.5988	0.5768	0.5613	0.5355
65.0	0.3745	0.2049	0.3607	0.4415	0.4687	0.4415	0.4117	0.3890	0.3729	0.3503
67.5	0.0353	0.1570	0.2603	0.2984	0.2865	0.2529	0.2243	0.2049	0.1904	0.1809
70.0	0.0324	0.1067	0.1378	0.1292	0.0993	0.0635	0.0368	0.0209	0.0079	0.0126
72.5	0.0228	0.0368	0.0160	0.0148	0.0141	0.0135	0.0131	0.0110	0.0069	0.0069
75.0	0.0149	0.0135	0.0125	0.0116	0.0109	0.0105	0.0101	0.0060	0.0059	0.0059
77.5	0.0112	0.0100	0.0091	0.0084	0.0078	0.0074	0.0071	0.0049	0.0049	0.0049
80.0	0.0075	0.0065	0.0057	0.0051	0.0047	0.0044	0.0041	0.0040	0.0039	0.0040
82.5	0.0041	0.0046	0.0050	0.0046	0.0047	0.0039	0.0039	0.0039	0.0039	0.0039
85.0	0.0067	0.0070	0.0073	0.0057	0.0058	0.0039	0.0039	0.0039	0.0039	0.0039

H(R) Range:-90 - 90DEG
H(R) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-01

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	0.0093	0.0094	0.0096	0.0086	0.0068	0.0059	0.0039	0.0039	0.0039	0.0039
90.0	0.0118	0.0118	0.0118	0.0118	0.0079	0.0079	0.0039	0.0039	0.0039	0.0039
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4478	4474	4474	4476	4479	4486	4498	4515	4537	4561
5.0	3909	3880	3857	3842	3830	3828	3833	3845	3869	3902
7.5	3481	3447	3402	3356	3305	3251	3195	3140	3113	3150
10.0	3092	3064	3026	2977	2914	2834	2754	2675	2594	2518
12.5	2513	2492	2474	2457	2440	2436	2384	2277	2170	2067
15.0	1914	1876	1851	1831	1820	1818	1820	1828	1810	1684
17.5	1423	1389	1356	1314	1265	1256	1271	1290	1310	1333
20.0	959.4	968.2	967.4	955.5	931.4	895.4	852.2	846.0	880.2	910.8
22.5	727.2	712.1	694.5	675.0	660.3	648.2	621.6	585.8	550.8	591.3
25.0	524.5	511.5	499.5	488.3	477.2	464.3	451.5	426.0	394.3	362.2
27.5	353.5	346.4	336.6	322.9	320.0	319.7	316.4	311.2	288.5	259.7
30.0	192.8	204.0	213.3	216.4	213.1	203.9	207.6	211.1	210.9	188.2
32.5	135.6	132.6	129.6	125.6	137.2	139.5	134.5	132.4	137.0	137.1
35.0	97.09	95.81	94.63	93.11	91.16	89.78	92.12	85.28	79.48	83.09
37.5	63.28	63.81	63.56	63.03	64.02	63.79	61.79	57.86	49.38	47.49
40.0	31.07	35.27	39.01	41.60	42.37	41.52	41.15	38.28	33.06	27.31
42.5	21.35	21.39	21.37	22.93	26.91	27.10	23.71	23.83	22.69	19.36
45.0	16.25	16.34	16.55	16.75	16.59	16.58	15.66	14.14	14.65	14.31
47.5	11.49	11.73	12.00	12.14	11.96	11.05	10.03	9.952	8.881	9.486
50.0	6.852	7.441	8.065	8.470	8.042	7.392	7.183	6.933	6.484	5.979
52.5	4.894	4.941	4.989	5.157	5.425	5.162	4.811	4.854	4.756	4.207
55.0	3.490	3.552	3.634	3.652	3.568	3.551	3.475	3.106	3.184	3.161
57.5	2.159	2.250	2.350	2.360	2.394	2.412	2.375	2.178	1.881	2.034
60.0	0.8477	1.005	1.195	1.327	1.391	1.411	1.490	1.386	1.194	0.9482
62.5	0.5018	0.4759	0.4489	0.3886	0.5546	0.6857	0.7450	0.7482	0.6497	0.4441
65.0	0.3301	0.3187	0.3026	0.2574	0.1876	0.0968	0.2438	0.3218	0.2706	0.0811
67.5	0.1758	0.1756	0.1694	0.1372	0.0949	0.0454	0.0365	0.0649	0.0852	0.0175
70.0	0.0248	0.0383	0.0540	0.0544	0.0396	0.0178	0.0232	0.0275	0.0338	0.0270
72.5	0.0061	0.0039	0.0034	0.0003	0.0001	0.0046	0.0095	0.0143	0.0218	0.0312
75.0	0.0041	0.0039	0.0023	0.0015	0.0011	0.0007	0.0003	0.0027	0.0093	0.0173
77.5	0.0039	0.0039	0.0027	0.0030	0.0022	0.0019	0.0015	0.0010	0.0004	0.0036
80.0	0.0039	0.0039	0.0037	0.0038	0.0034	0.0031	0.0028	0.0024	0.0018	0.0011
82.5	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0037	0.0033	0.0028
85.0	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
87.5	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
90.0	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4587	4618	4653	4692	4735	4782	4831	4787	4745	4707
5.0	3942	3993	4055	4127	4208	4298	4397	4308	4227	4154
7.5	3199	3263	3342	3436	3544	3667	3806	3677	3564	3465
10.0	2448	2514	2603	2709	2833	2975	3137	2986	2854	2742
12.5	1969	1882	1917	2028	2157	2305	2475	2315	2177	2059
15.0	1564	1461	1371	1444	1564	1701	1860	1710	1582	1472
17.5	1235	1122	1027	985.4	1091	1211	1351	1219	1106	1009
20.0	940.9	853.2	756.5	677.0	732.4	827.2	937.3	833.3	744.9	697.7
22.5	624.9	649.4	557.3	484.3	480.7	557.5	645.2	562.1	490.2	501.7
25.0	399.3	428.9	409.7	343.1	306.8	365.4	433.6	368.7	313.6	356.9
27.5	242.3	270.7	295.7	236.2	185.9	227.5	280.7	229.7	190.6	246.6
30.0	156.9	156.8	173.2	154.6	118.4	135.2	171.3	136.9	122.3	162.1
32.5	108.8	84.06	98.53	100.7	73.99	79.25	104.4	80.39	76.98	106.7
35.0	78.17	56.46	53.98	62.30	46.63	45.54	61.21	46.02	48.51	66.44
37.5	49.36	39.26	29.80	35.83	30.33	27.24	36.61	27.35	31.14	37.42
40.0	28.65	28.30	20.27	21.74	20.73	17.38	22.89	17.41	20.94	22.17
42.5	16.44	18.50	15.09	13.80	14.86	11.92	15.53	11.93	14.91	13.86
45.0	11.52	11.58	11.55	9.091	11.06	8.297	11.04	8.298	11.09	9.108
47.5	8.771	7.257	8.596	6.598	7.719	6.171	7.963	6.165	7.718	6.609
50.0	6.444	5.415	5.656	5.121	5.319	4.507	5.768	4.495	5.305	5.120
52.5	4.173	4.222	3.546	3.912	3.424	3.070	4.022	3.056	3.404	3.901
55.0	2.557	2.916	2.216	2.781	1.902	1.943	2.512	1.936	1.892	2.763
57.5	1.805	1.540	1.506	1.408	0.8936	1.125	1.466	1.123	0.9035	1.410
60.0	1.127	0.6960	0.8860	0.4029	0.3260	0.4578	0.6895	0.4626	0.3414	0.4179
62.5	0.4350	0.3035	0.1704	0.0215	0.0521	0.0160	0.0706	0.0125	0.0507	0.0206
65.0	0.0721	0.0402	0.0234	0.0038	0.0378	0.0059	0.0474	0.0021	0.0376	0.0038
67.5	0.0011	0.0162	0.0339	0.0063	0.0270	0.0091	0.0454	0.0059	0.0256	0.0046
70.0	0.0125	0.0026	0.0241	0.0171	0.0142	0.0130	0.0395	0.0096	0.0142	0.0110
72.5	0.0245	0.0103	0.0084	0.0294	0.0032	0.0155	0.0355	0.0139	0.0032	0.0185
75.0	0.0258	0.0231	0.0046	0.0166	0.0070	0.0199	0.0317	0.0187	0.0046	0.0106
77.5	0.0123	0.0228	0.0167	0.0014	0.0192	0.0212	0.0276	0.0169	0.0120	0.0009

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-07-01

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	0.0002	0.0071	0.0172	0.0151	0.0093	0.0073	0.0237	0.0058	0.0065	0.0045
82.5	0.0021	0.0011	0.0025	0.0157	0.0062	0.0041	0.0217	0.0028	0.0011	0.0055
85.0	0.0039	0.0033	0.0022	0.0005	0.0125	0.0060	0.0236	0.0021	0.0029	0
87.5	0.0039	0.0039	0.0039	0.0039	0.0023	0.0078	0.0119	0	0	0
90.0	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0009	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	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4673	4642	4616	4594	4574	4556	4543	4534	4530	4531
5.0	4092	4039	3996	3965	3940	3923	3917	3918	3927	3946
7.5	3382	3314	3261	3225	3203	3247	3318	3387	3452	3513
10.0	2647	2570	2517	2605	2702	2807	2909	3009	3102	3183
12.5	1960	1940	2046	2163	2287	2416	2553	2636	2643	2656
15.0	1410	1519	1643	1783	1934	1958	1952	1954	1966	1983
17.5	1064	1176	1309	1424	1403	1385	1367	1354	1368	1425
20.0	789.7	901.4	1002	973.0	943.5	909.2	920.9	972.5	1017	1049
22.5	585.8	690.8	666.9	633.4	592.3	633.8	676.7	710.8	731.0	750.3
25.0	432.6	456.7	427.2	389.8	427.5	465.5	496.8	512.7	526.0	538.6
27.5	312.9	288.1	259.7	281.3	315.7	343.1	348.4	350.8	349.8	351.7
30.0	183.6	167.3	170.3	205.7	232.8	232.0	226.7	221.0	229.5	231.2
32.5	105.3	91.53	120.2	151.2	150.4	144.2	144.9	148.3	143.9	128.6
35.0	58.00	62.18	87.12	93.70	87.93	91.17	97.05	92.10	93.35	95.24
37.5	31.21	43.07	55.54	52.55	53.35	60.53	63.27	65.02	65.21	64.32
40.0	20.73	30.45	31.20	29.29	34.89	38.95	41.81	42.13	42.87	42.15
42.5	15.24	19.13	16.96	19.90	23.13	24.39	24.17	27.17	26.92	22.88
45.0	11.60	11.70	11.60	14.25	14.75	14.33	15.93	16.33	16.29	16.65
47.5	8.630	7.308	8.811	9.501	8.917	10.06	10.12	10.95	11.74	12.08
50.0	5.677	5.457	6.514	6.032	6.548	7.053	7.259	7.432	8.000	8.532
52.5	3.547	4.254	4.222	4.272	4.848	4.927	4.863	5.226	5.489	5.360
55.0	2.217	2.938	2.585	3.203	3.241	3.139	3.499	3.595	3.664	3.810
57.5	1.518	1.558	1.830	2.053	1.904	2.177	2.356	2.433	2.460	2.455
60.0	0.9044	0.7201	1.146	0.9692	1.202	1.370	1.466	1.420	1.441	1.418
62.5	0.1811	0.3328	0.4511	0.4558	0.6497	0.7400	0.7272	0.7004	0.6038	0.4739
65.0	0.0167	0.0349	0.0810	0.0958	0.2665	0.3146	0.2313	0.1168	0.2276	0.3094
67.5	0.0253	0.0122	0.0006	0.0077	0.0783	0.0499	0.0241	0.0513	0.1162	0.1643
70.0	0.0161	0.0019	0.0062	0.0147	0.0188	0.0171	0.0131	0.0159	0.0494	0.0649
72.5	0.0056	0.0052	0.0123	0.0139	0.0121	0.0089	0.0056	0.0037	0.0001	0
75.0	0.0023	0.0120	0.0129	0.0080	0.0059	0.0015	0	0	0	0
77.5	0.0083	0.0119	0.0062	0.0018	0	0	0	0	0	0
80.0	0.0094	0.0031	0	0	0	0	0	0	0	0
82.5	0.0011	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	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4531	4533	4540	4550	4564	4571	4582	4595	4611	4627
5.0	3967	3995	4029	4064	4106	4139	4177	4209	4240	4269
7.5	3570	3625	3669	3708	3745	3768	3790	3812	3826	3845
10.0	3249	3303	3346	3372	3383	3380	3369	3355	3341	3329
12.5	2676	2699	2728	2757	2784	2804	2815	2817	2808	2786
15.0	2012	2043	2082	2130	2184	2232	2271	2298	2309	2298
17.5	1479	1525	1563	1594	1628	1659	1694	1728	1766	1800
20.0	1068	1076	1074	1071	1072	1081	1106	1144	1190	1242
22.5	772.1	792.5	812.2	830.5	845.1	852.6	853.5	845.5	827.9	800.8
25.0	551.0	564.2	579.3	597.3	618.0	636.4	649.1	654.8	649.8	633.1
27.5	365.8	376.4	383.9	391.6	402.1	415.1	431.4	449.7	466.8	480.2
30.0	225.7	214.7	200.8	189.7	186.3	193.5	212.3	239.6	270.9	299.5
32.5	132.2	135.8	139.4	142.8	145.9	147.5	147.4	145.5	141.7	136.1
35.0	96.59	97.82	99.61	102.1	105.4	108.6	111.0	111.7	110.8	107.9
37.5	64.84	64.97	64.83	65.16	66.50	68.90	72.30	76.10	79.91	82.27
40.0	39.60	35.83	31.79	28.71	27.58	29.11	33.34	39.49	46.35	52.61
42.5	21.47	21.67	21.84	22.05	22.31	22.48	22.58	22.56	22.39	24.66
45.0	16.63	16.61	16.64	16.74	17.05	17.36	17.73	17.99	18.13	18.03
47.5	12.13	12.02	11.86	11.78	11.88	12.16	12.63	13.21	13.82	14.29
50.0	8.297	7.787	7.239	6.850	6.715	6.951	7.505	8.273	9.161	10.02
52.5	5.279	5.272	5.223	5.206	5.227	5.308	5.423	5.510	5.562	5.785
55.0	3.858	3.809	3.747	3.710	3.740	3.824	3.974	4.119	4.257	4.289
57.5	2.519	2.441	2.343	2.270	2.270	2.339	2.485	2.690	2.938	3.134
60.0	1.330	1.138	0.9586	0.8341	0.8008	0.8531	0.9899	1.238	1.550	1.811
62.5	0.5519	0.5728	0.5831	0.5883	0.5987	0.6048	0.6044	0.6207	0.6417	0.5648
65.0	0.3715	0.3850	0.3885	0.3893	0.3965	0.4051	0.4169	0.4313	0.4605	0.4204
67.5	0.2067	0.2107	0.2034	0.1970	0.1982	0.2054	0.2197	0.2398	0.2760	0.2773
70.0	0.0626	0.0423	0.0205	0.0054	0	0.0056	0.0221	0.0482	0.0850	0.1115

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-07-01

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	5022	5022	5022	5022	5022	5022	5022	5022	5022	5022
2.5	4639	4653	4669	4687	4706	4725	4742	4760	4781	4804
5.0	4288	4308	4322	4332	4344	4355	4362	4373	4388	4407
7.5	3864	3887	3915	3948	3970	3953	3932	3915	3902	3893
10.0	3322	3319	3326	3347	3376	3419	3474	3422	3367	3323
12.5	2754	2712	2690	2690	2709	2745	2795	2862	2827	2742
15.0	2270	2225	2168	2101	2053	2086	2131	2194	2272	2193
17.5	1831	1816	1753	1680	1598	1516	1538	1597	1668	1704
20.0	1290	1331	1364	1339	1251	1163	1079	1103	1173	1250
22.5	798.5	868.5	923.5	962.9	981.0	888.8	802.2	733.4	793.7	860.1
25.0	606.1	570.9	562.8	624.5	664.4	682.4	601.9	533.5	524.5	578.5
27.5	470.3	444.9	413.9	380.1	420.6	452.3	455.5	391.4	339.4	379.5
30.0	321.8	334.8	318.7	291.1	261.8	284.2	308.0	286.2	235.8	237.8
32.5	177.8	207.7	225.8	222.1	195.3	168.8	192.4	207.2	161.9	138.9
35.0	103.4	102.4	133.7	151.1	146.5	122.8	109.3	123.7	109.8	81.30
37.5	80.50	76.60	70.62	86.40	97.93	88.78	66.33	68.74	73.42	51.18
40.0	57.52	58.91	54.58	46.46	53.70	59.34	45.85	35.94	42.66	33.43
42.5	33.07	38.73	41.39	34.86	26.94	32.51	32.59	22.98	24.20	22.64
45.0	17.44	19.67	24.69	25.68	20.22	16.44	19.98	16.73	14.30	15.92
47.5	14.05	12.70	11.02	14.88	15.40	12.16	11.73	12.63	9.363	10.92
50.0	10.63	10.15	8.616	7.496	9.444	9.452	7.546	8.286	7.147	7.237
52.5	6.721	7.121	6.927	6.071	5.180	6.374	5.880	5.256	5.589	4.782
55.0	4.074	4.179	4.646	4.802	4.102	3.759	4.417	3.575	3.989	2.992
57.5	3.068	2.940	2.747	3.063	3.164	2.614	2.595	2.682	2.309	2.064
60.0	1.988	2.103	2.006	1.742	1.834	1.970	1.395	1.710	1.188	1.401
62.5	0.8426	1.100	1.260	1.189	0.9185	1.003	0.9504	0.6221	0.6949	0.6036
65.0	0.3580	0.2295	0.3959	0.6230	0.6066	0.3208	0.3977	0.1511	0.2604	0.0797
67.5	0.2492	0.1669	0.0224	0.0595	0.2655	0.2040	0.0232	0.0679	0.0084	0.0231
70.0	0.1244	0.1069	0.0244	0	0	0.0668	0.0152	0.0227	0.0064	0.0123
72.5	0.0002	0.0256	0.0071	0	0	0	0.0053	0.0156	0.0145	0.0015
75.0	0	0	0	0	0	0	0	0.0047	0.0159	0.0079
77.5	0	0	0	0	0	0	0	0	0.0058	0.0149
80.0	0	0	0	0	0	0	0	0	0	0.0067
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	5022	5022								
2.5	4829	4856								
5.0	4432	4462								
7.5	3893	3905								
10.0	3290	3273								
12.5	2673	2624								
15.0	2095	2021								
17.5	1595	1511								
20.0	1182	1095								
22.5	857.5	778.7								
25.0	614.0	542.6								
27.5	425.8	373.4								
30.0	275.1	242.8								
32.5	163.8	150.5								
35.0	95.28	91.74								
37.5	53.47	55.42								
40.0	30.52	33.69								
42.5	18.57	21.87								
45.0	12.03	14.82								
47.5	8.748	10.25								
50.0	6.556	7.162								
52.5	4.937	5.004								
55.0	3.602	3.281								
57.5	2.395	1.879								
60.0	1.181	0.9166								
62.5	0.2537	0.1317								

H(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-01

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:

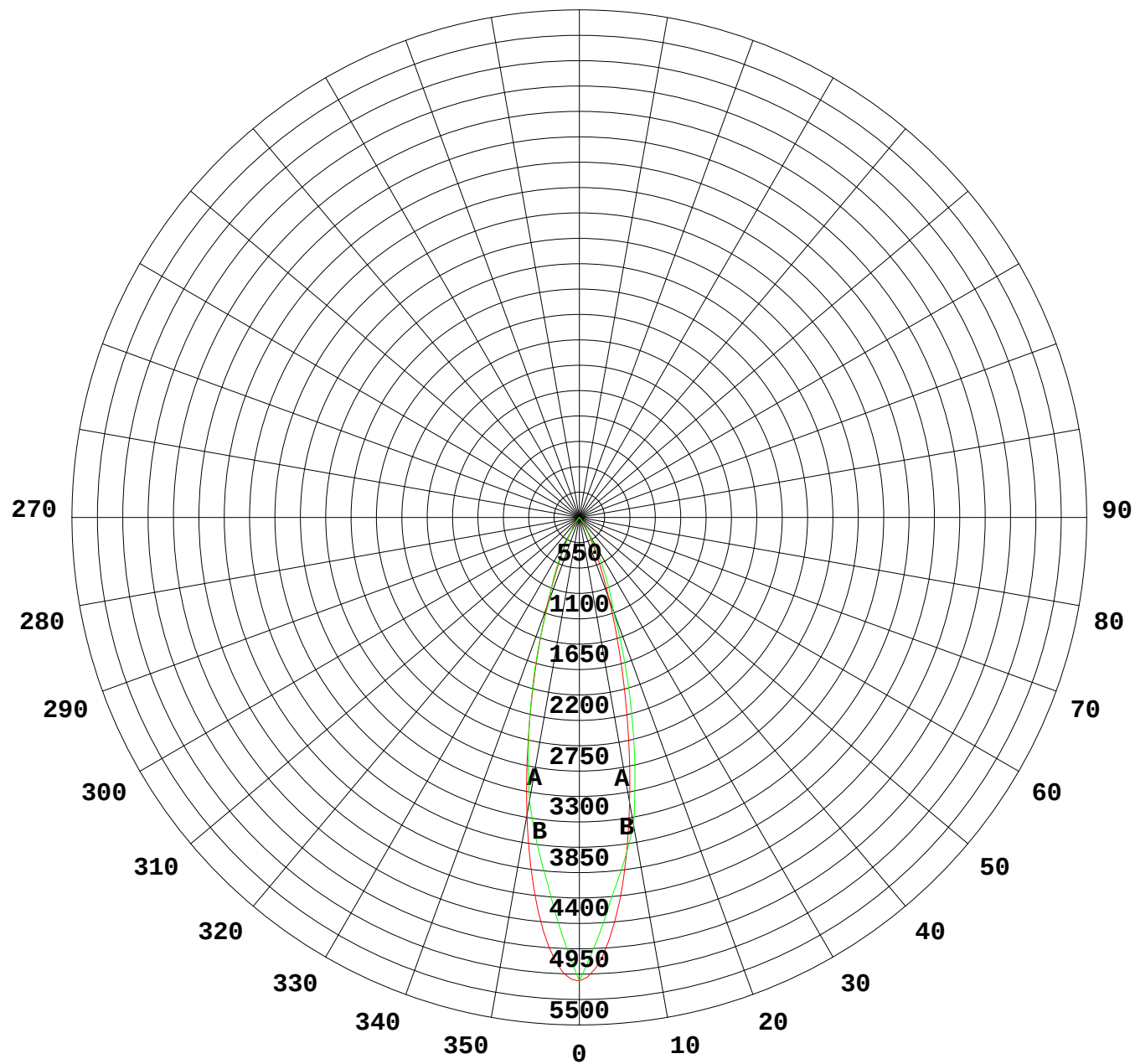
Photometric Data Table [cd]

65.0	0.0019	0.0436
67.5	0.0071	0.0376
70.0	0.0123	0.0279
72.5	0.0140	0.0194
75.0	0.0111	0.0070
77.5	0.0030	0.0023
80.0	0.0054	0.0099
82.5	0.0068	0.0102
85.0	0	0.0039
87.5	0	0
90.0	0	0

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-01

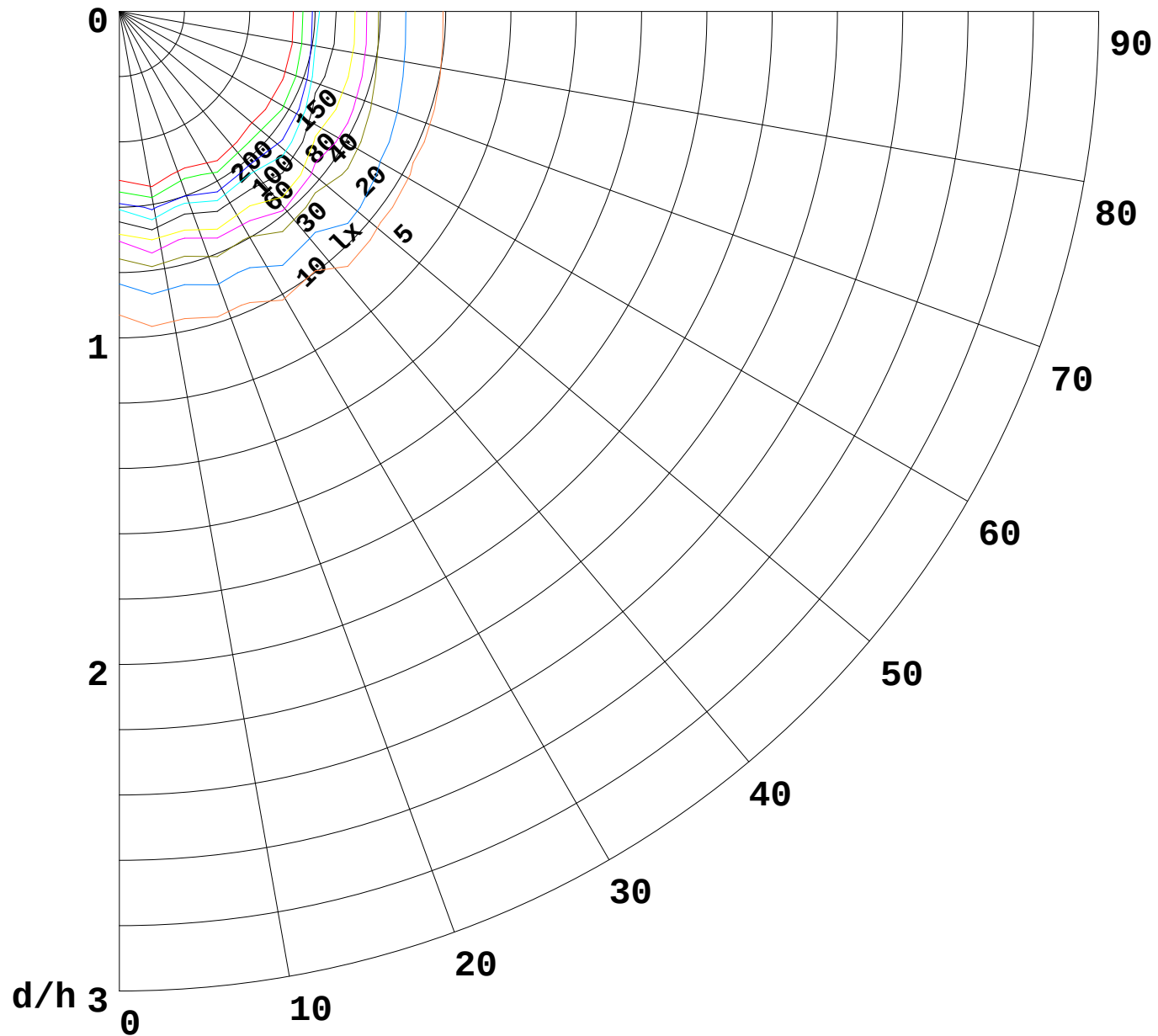
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

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

