

TEST REPORT

Report reference No.....	GEN2026127.01
Product.....	Led linear light
Family Name.....	M20
Trademark.....	KOE
Manufacturer.....	KOE Lighting Ltd.
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China
Testing Laboratory.....	KOE Lab

Model list:
M20LN-FA20S1 SBK 3000K[CRI90] G120D (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	18	24	1400	1100	E	530	50000	3000K	120
Power supply	LP500-20-48V								
Light model	SMD LED 295x13-24-2835 9V 1W,3000K(G) 24pcs<CRI90>, 2120LM								

Light Output Ratio:	66%
Luminaire Power:	18.53W
SUR.:	0.1192 m²
SHR Nominal:	0.50
SHR Maximum:	0.60

Calculated using the TM5 fine grid method.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Judy
Test Date: 2026-12-05

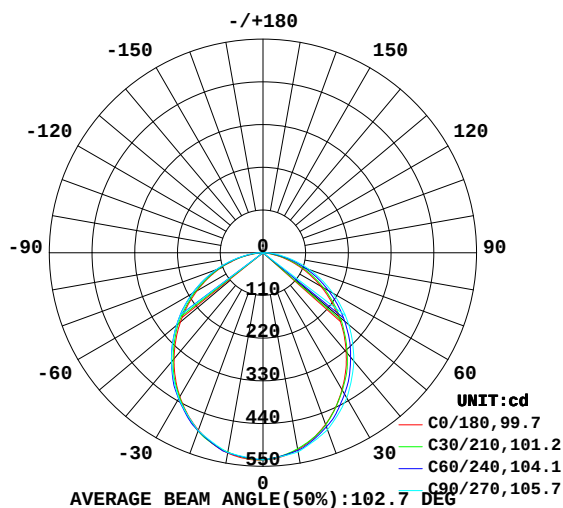
V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

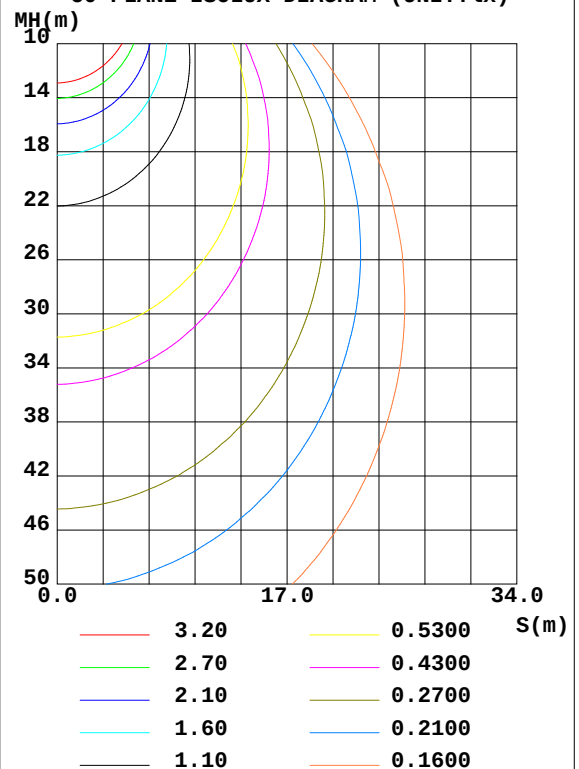
Test:U:48.00V I:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.16 lm/W			
MODEL	295x13-24-2835 9V	I _{max} (cd)	533.9	S/MH(C0/180)	1.20
NOMINAL POWER(W)	18	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	36	TOTAL FLUX(lm)	1355.5	η UP, DN(C0-180)	0.0,49.8
NOMINAL FLUX(lm)	1355.46	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,50.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	48	η down(%)	100.0	CIBSE SHR MAX	1.35

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:2026-12-05

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

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	514.9	514.2	520.7	520.8	523.6	521.6	522.4	515.3	0- 10	50.10	50.10	3.7,3.7
20	470.8	473.2	485.1	484.8	486.3	487.1	487.4	474.6	10- 20	141.6	191.7	14.1,14.1
30	406.8	415.1	431.6	429.8	428.3	432.6	433.8	416.6	20- 30	209.1	400.7	29.6,29.6
40	333.3	344.2	363.9	362.3	356.1	365.2	366.6	345.7	30- 40	243.8	644.5	47.6,47.6
50	254.3	267.9	288.5	284.4	277.6	287.3	290.7	268.7	40- 50	243.6	888.2	65.5,65.5
60	171.6	187.2	207.4	203.0	196.7	205.8	210.1	186.6	50- 60	211.2	1099	81.1,81.1
70	94.49	108.8	127.2	122.7	118.4	124.2	128.3	107.2	60- 70	154.1	1254	92.5,92.5
80	26.81	38.44	52.35	49.92	45.50	48.17	51.25	35.23	70- 80	82.59	1336	98.6,98.6
90	0.1892	0.6293	0.5141	0.4237	0.1585	0.1810	0.2344	0.2386	80- 90	19.33	1355	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 768.53 lm

%lum = 56.7%

%lamp = 56.7%

Conical surface Flux(120deg): 1099.4 lm

%lum = 81.1%

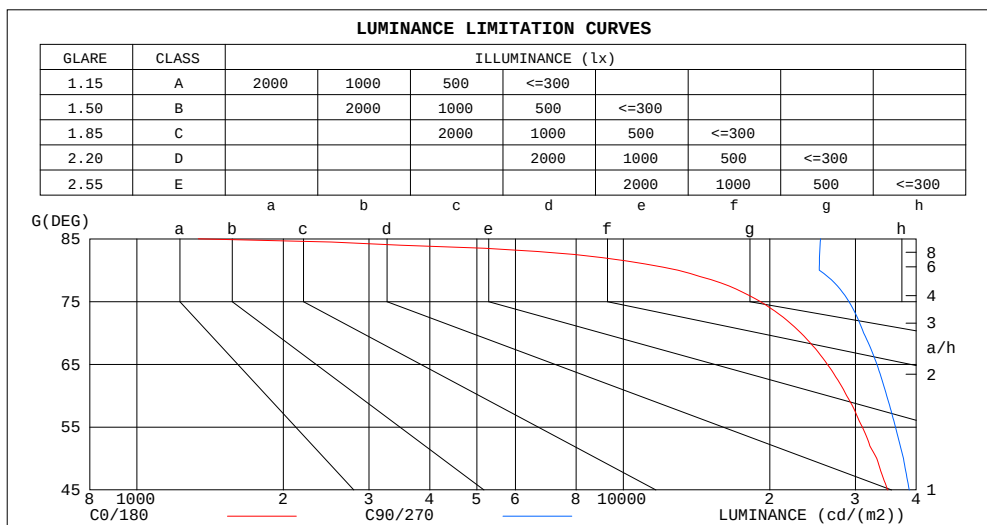
%lamp = 81.1%

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H(β) Interval: 1.0DEG
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Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

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:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
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SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1338	25442
80	12952	25291
75	19134	29095
70	23177	31194
65	26264	33205
60	28789	34794
55	30993	36264
50	33192	37653
45	34956	38702

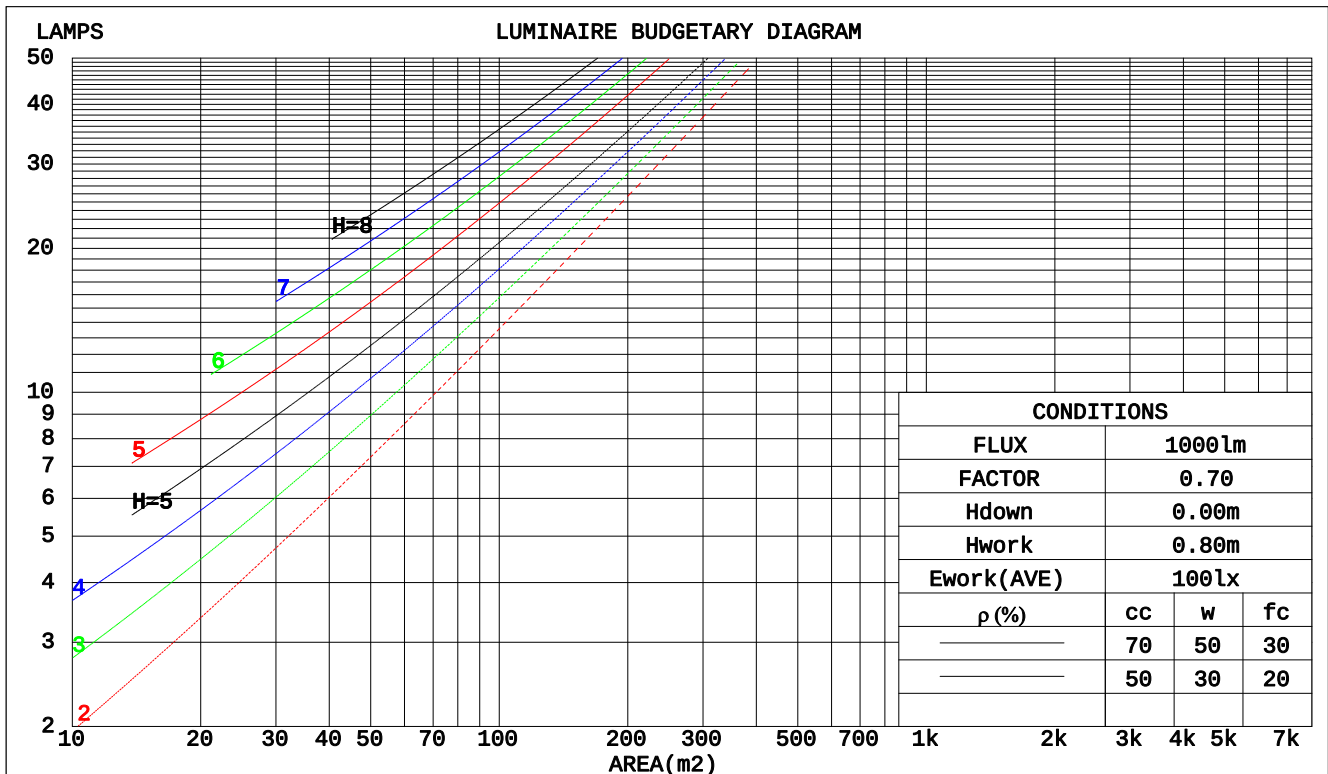
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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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	1.05	1.00	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.91	.89	.87	.85
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.38	.32	.27	.26



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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

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SPEC.:18W			DIM.: L600*W22.5*H44mm		SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.			SUR.:L596XW20		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	.296	.168	.053	.289	.165	.052	.276	.158	.051	.264	.152	.049	.253	.146	.047		
2.0	.281	.154	.047	.275	.151	.047	.263	.146	.045	.252	.142	.044	.243	.137	.043		
3.0	.261	.139	.042	.256	.137	.041	.246	.133	.040	.236	.129	.040	.227	.126	.039		
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035		
5.0	.225	.114	.033	.220	.113	.033	.212	.111	.033	.205	.108	.032	.198	.106	.032		
6.0	.209	.105	.030	.205	.104	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029		
7.0	.195	.096	.027	.191	.095	.027	.185	.094	.027	.179	.092	.027	.173	.090	.026		
8.0	.182	.089	.025	.179	.088	.025	.173	.087	.025	.168	.085	.025	.163	.084	.024		
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023		
10.0	.161	.077	.021	.159	.077	.021	.154	.075	.021	.150	.074	.021	.145	.073	.021		

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	.179	.156	.135	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.171	.132	.099	.146	.114	.086	.100	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.163	.114	.076	.140	.099	.065	.096	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.087	.055	.029	.051	.032	.018	.016	.010	.006	
6.0	.141	.082	.040	.121	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.075	.034	.115	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.122	.064	.026	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
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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:

UGR(Unified Glare Rating) Table

Test:U:48.00V I:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm											
NAME: LED Grille Light					TYPE:recessed			WEIGHT:208g			
SPEC.:18W					DIM.: L600*W22.5*H44mm			SERIAL No.:GEN2026127.01			
MFR.: KOE Lighting Ltd.					SUR.:L596XW20			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	23.4	24.8	23.6	25.0	25.2	24.1	25.6	24.4	25.8	26.0	
	3H	24.5	25.9	24.8	26.1	26.4	25.6	27.0	25.9	27.2	27.4
	4H	24.9	26.2	25.2	26.5	26.7	26.2	27.5	26.5	27.7	28.0
	6H	25.1	26.3	25.4	26.6	26.8	26.6	27.8	26.9	28.1	28.4
	8H	25.0	26.2	25.4	26.5	26.8	26.8	27.9	27.1	28.2	28.5
	12H	25.0	26.1	25.3	26.4	26.7	26.9	28.0	27.2	28.3	28.6
4H	2H	24.0	25.3	24.3	25.5	25.8	24.6	25.9	24.9	26.1	26.4
	3H	25.3	26.5	25.7	26.8	27.1	26.2	27.4	26.6	27.7	28.0
	4H	25.8	26.9	26.2	27.2	27.5	26.9	28.0	27.3	28.3	28.6
	6H	26.0	26.9	26.4	27.3	27.7	27.5	28.4	27.9	28.8	29.1
	8H	26.0	26.9	26.4	27.2	27.6	27.7	28.6	28.1	28.9	29.3
	12H	26.0	26.8	26.4	27.1	27.6	27.9	28.7	28.3	29.0	29.4
8H	4H	26.1	26.9	26.5	27.3	27.7	27.1	28.0	27.5	28.3	28.7
	6H	26.4	27.1	26.8	27.5	27.9	27.8	28.5	28.2	28.9	29.3
	8H	26.4	27.0	26.9	27.5	27.9	28.0	28.7	28.5	29.1	29.5
	12H	26.4	26.9	26.9	27.4	27.8	28.3	28.8	28.8	29.3	29.8
12H	4H	26.1	26.9	26.5	27.3	27.7	27.1	27.9	27.5	28.2	28.7
	6H	26.4	27.1	26.9	27.5	27.9	27.8	28.4	28.2	28.8	29.3
	8H	26.5	27.0	26.9	27.5	27.9	28.1	28.6	28.5	29.1	29.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3					

CIE Pub.117, 1355 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.1$)

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Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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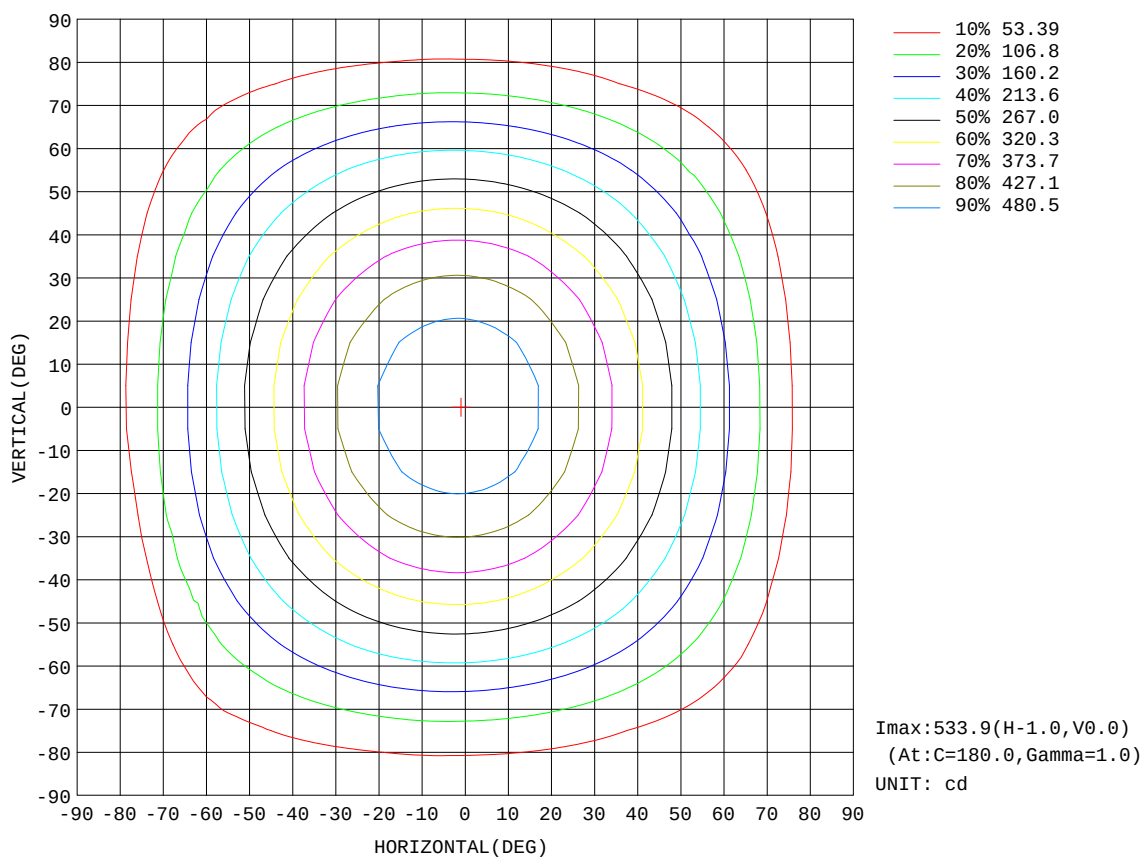
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	58	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	78	67	60	76	66	59	74	68	59	52
1.25	85	74	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	84	79	72
2.50	100	92	87	98	91	86	94	88	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	101	97	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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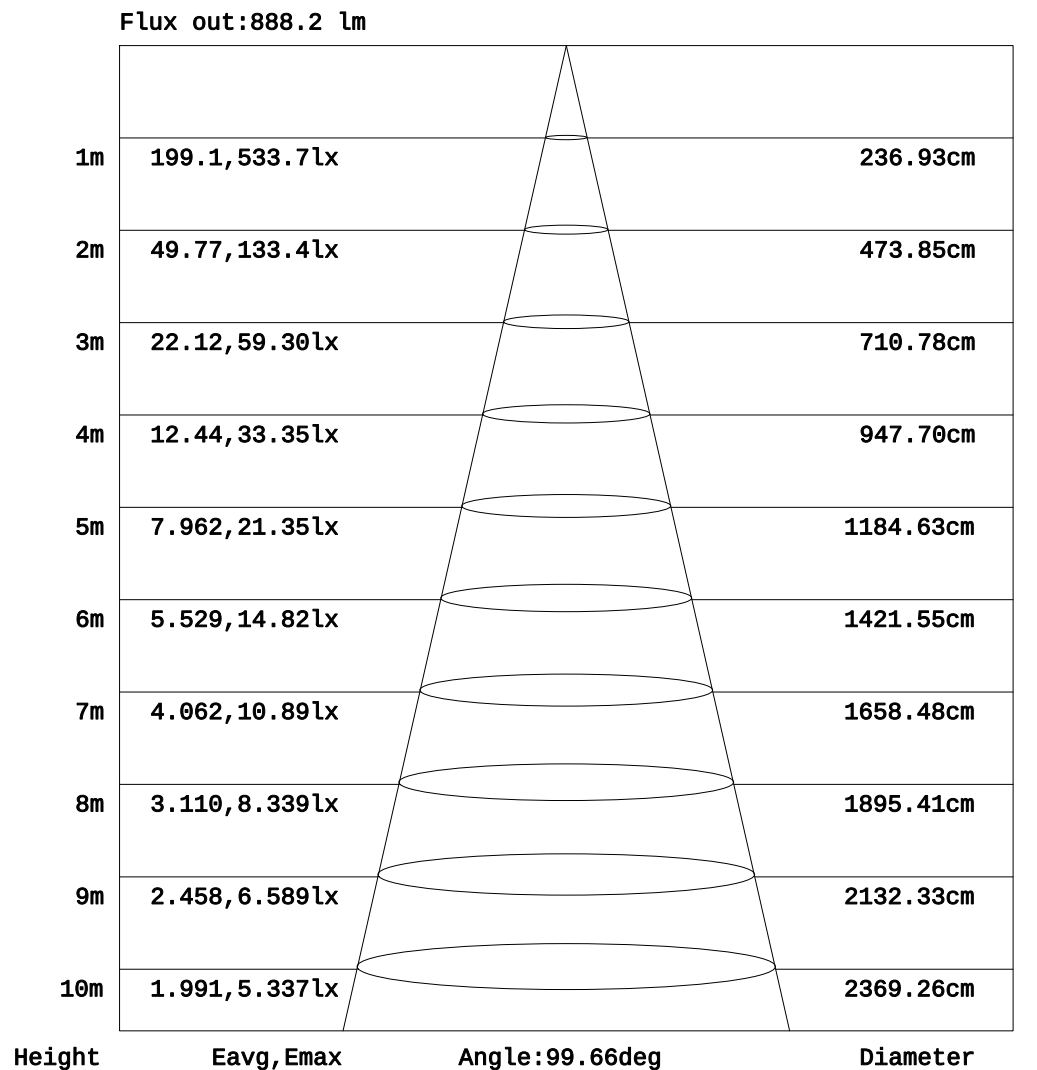


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AAI Figure

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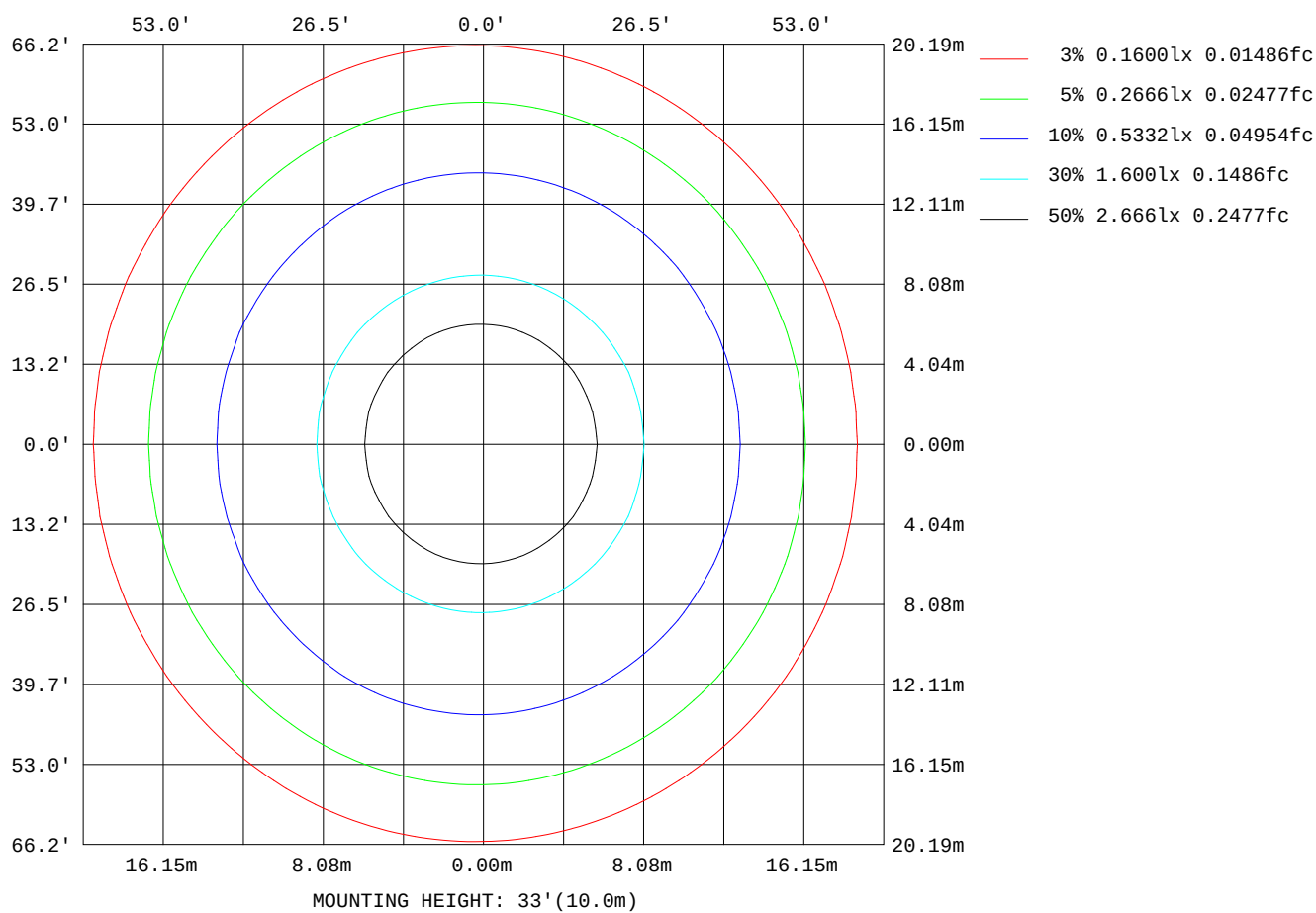
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

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:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

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:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Grille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...

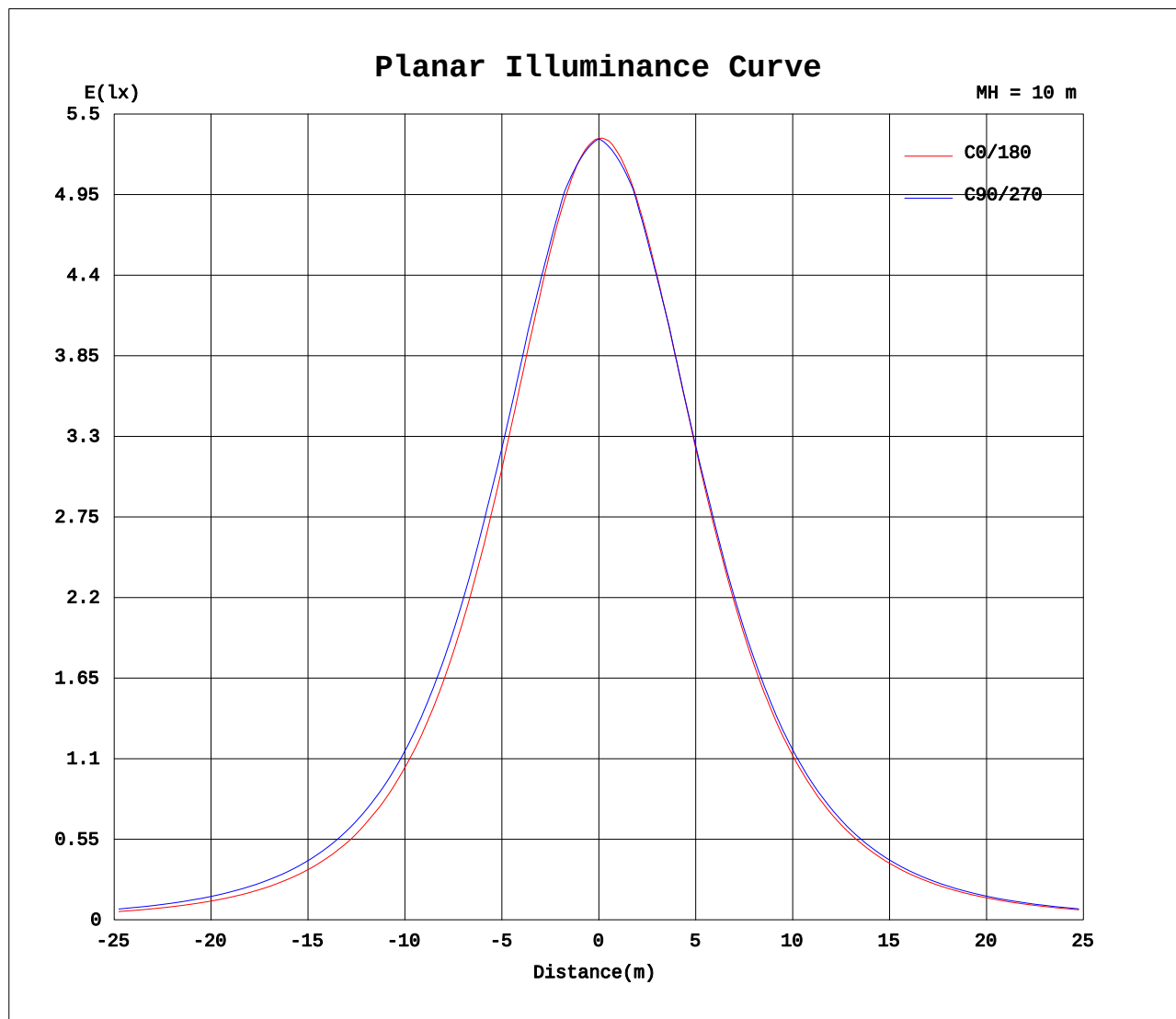
AvgL	cd/m2
L_0~180(65)av	28671
L_0~180(75)av	22399
L_0~180(85)av	4028
L_90~270(65)av	33400
L_90~270(75)av	29100
L_90~270(85)av	25110
L_45(65)av	30781
L_45(75)av	25140
L_45(85)av	15900

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:2026-12-05

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:2026-12-05

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:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Gille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	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:

Test:U:48.00V I:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Gille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-12-05

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:0.3860A P:18.53W PF:1.000 Freq:0Hz Lamp Flux:1355.46x1 lm		
NAME: LED Gille Light	TYPE:recessed	WEIGHT:208g
SPEC.:18W	DIM.: L600*W22.5*H44mm	SERIAL No.:GEN2026127.01
MFR.: KOE Lighting Ltd.	SUR.:L596XW20	Shielding Angle:...

Table - -4

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-12-05

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	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	531.3	531.0	530.8	530.6	530.4	530.2	530.1	530.0	529.9	529.9
5.0	527.8	527.2	526.8	526.4	526.1	525.9	525.8	525.7	525.7	525.6
7.5	522.1	521.3	520.7	520.3	520.0	519.8	519.8	519.9	520.1	520.3
10.0	514.9	513.9	513.0	512.5	512.2	512.2	512.5	513.1	513.6	514.2
12.5	506.1	505.0	504.2	503.8	503.6	503.7	504.1	504.8	505.8	507.2
15.0	495.7	494.4	493.5	493.2	493.4	493.9	494.7	496.2	497.7	497.8
17.5	483.5	481.9	481.1	481.0	481.6	482.7	484.3	485.9	485.6	485.9
20.0	470.8	469.0	468.0	467.9	468.7	470.2	472.1	471.9	472.4	473.2
22.5	456.1	454.2	453.5	453.7	455.0	457.2	457.1	457.4	458.6	460.0
25.0	440.5	438.6	438.0	438.5	440.2	441.0	441.4	442.7	444.3	446.5
27.5	424.0	422.0	421.4	422.4	424.7	424.5	425.2	427.2	429.8	432.4
30.0	406.8	404.8	404.6	406.0	407.1	407.2	408.8	411.3	414.2	415.1
32.5	389.4	387.3	387.1	388.7	389.0	390.3	392.3	395.4	395.9	397.4
35.0	371.3	368.9	368.9	370.9	370.9	372.4	375.7	376.8	377.7	379.8
37.5	352.5	350.2	350.5	351.7	352.2	354.6	357.2	357.8	359.6	362.3
40.0	333.3	331.0	331.5	332.3	333.6	337.0	337.2	338.8	341.4	344.2
42.5	313.5	311.4	312.3	312.9	314.9	317.4	317.8	319.8	322.8	324.8
45.0	294.6	292.0	293.1	293.2	296.2	297.1	298.2	301.0	302.9	305.4
47.5	273.7	271.7	272.8	273.9	277.1	276.8	278.9	281.0	283.4	286.5
50.0	254.3	251.9	252.3	253.7	256.3	257.2	259.1	260.5	264.2	267.9
52.5	231.9	231.0	231.9	233.5	235.0	237.5	238.8	240.9	244.6	247.1
55.0	211.9	211.2	212.0	213.9	214.8	217.3	218.7	221.7	223.7	226.9
57.5	191.8	191.5	191.9	193.8	195.3	196.9	199.0	201.4	203.8	206.9
60.0	171.6	171.9	172.5	173.6	176.1	177.0	179.4	181.4	184.2	187.2
62.5	151.9	152.6	153.1	154.3	155.7	158.0	159.5	162.0	164.6	166.9
65.0	132.3	132.4	134.2	135.5	136.5	138.6	140.3	142.8	144.8	147.3
67.5	113.2	114.8	115.2	116.7	117.8	119.6	122.0	123.3	125.4	127.9
70.0	94.49	95.89	96.94	98.07	99.30	101.7	102.9	104.3	106.5	108.8
72.5	76.40	77.68	79.67	79.97	81.75	83.12	84.26	85.96	87.94	90.07
75.0	59.03	60.37	60.78	61.31	63.83	65.14	66.54	68.24	70.03	71.84
77.5	42.52	43.02	38.84	40.90	43.13	47.64	49.54	51.02	52.79	54.88
80.0	26.81	22.12	20.75	22.98	25.32	30.12	33.04	35.07	36.73	38.44
82.5	12.36	8.360	10.33	10.93	12.53	15.51	18.32	19.81	20.95	22.22
85.0	1.390	1.760	2.257	2.484	4.560	4.417	4.525	8.215	11.25	13.92
87.5	0.1728	0.4130	0.4251	0.4520	0.6554	0.9941	2.464	4.336	5.874	7.228
90.0	0.1892	0.5347	0.3743	0.4077	0.6130	0.6293	0.6293	0.6293	0.6293	0.6293

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	529.9	529.9	530.0	530.1	530.1	530.0	530.0	530.0	530.1	530.2
5.0	525.6	525.7	525.9	526.1	526.3	526.6	526.8	526.9	526.9	527.2
7.5	520.7	521.2	521.7	521.9	522.4	522.9	523.4	523.7	523.8	524.1
10.0	514.8	515.7	516.7	517.7	518.4	519.1	519.9	520.5	520.7	521.0
12.5	508.9	509.3	509.2	509.6	510.3	510.4	510.9	511.4	511.8	512.3
15.0	497.9	498.6	499.1	499.5	500.4	501.2	501.6	502.2	502.9	503.5
17.5	486.4	487.0	488.3	489.5	490.5	491.7	492.3	493.1	494.0	494.6
20.0	474.2	475.8	477.1	479.0	480.7	482.1	483.1	484.0	485.1	485.6
22.5	461.8	463.8	466.1	467.2	468.3	469.1	470.0	470.6	471.8	472.3
25.0	449.1	450.2	451.3	452.3	453.7	454.9	456.1	457.1	458.4	458.9
27.5	433.1	434.2	435.4	437.3	439.3	440.6	442.2	443.5	445.0	445.5
30.0	416.3	418.1	420.0	422.3	424.8	426.4	428.2	430.0	431.6	432.1
32.5	399.6	401.7	404.3	406.9	408.8	410.2	411.6	413.2	414.6	415.4
35.0	382.5	385.8	387.6	389.4	391.2	393.2	394.6	396.3	397.7	398.5
37.5	365.4	367.1	369.2	371.4	373.9	376.2	377.6	379.4	380.8	381.6
40.0	346.1	348.4	351.2	353.7	356.4	358.9	360.7	362.5	363.9	364.6
42.5	327.2	330.0	333.1	336.1	338.4	340.4	342.0	343.6	345.1	345.8
45.0	308.5	311.7	314.5	316.7	318.8	321.1	323.0	324.7	326.2	326.9
47.5	290.2	292.2	294.5	297.1	299.4	301.9	303.9	305.8	307.4	308.1
50.0	269.7	272.0	274.6	277.5	280.1	282.8	284.9	286.8	288.5	289.2
52.5	249.5	252.2	255.1	257.9	260.6	262.9	264.9	266.7	268.2	269.0
55.0	229.5	232.6	235.1	237.5	240.3	242.6	244.7	246.5	247.9	248.8
57.5	209.8	212.3	214.7	217.4	220.1	222.4	224.5	226.3	227.7	228.6
60.0	189.3	191.9	194.6	197.2	199.9	202.3	204.3	206.2	207.4	208.4
62.5	169.3	172.0	174.7	177.3	179.9	182.2	184.2	186.1	187.3	188.3
65.0	149.8	152.3	154.9	157.4	159.9	162.2	164.2	166.0	167.3	168.3
67.5	130.4	132.8	135.3	137.7	140.1	142.3	144.2	145.9	147.2	148.2
70.0	111.1	113.5	115.8	118.1	120.3	122.4	124.3	125.9	127.2	128.1
72.5	92.29	94.43	96.48	99.03	101.5	103.7	105.7	107.3	108.5	109.4
75.0	74.06	76.42	78.79	81.12	83.41	85.52	87.37	88.77	89.76	90.65
77.5	57.02	59.10	61.21	63.31	65.38	67.34	69.06	70.26	71.06	71.94
80.0	40.20	41.98	43.76	45.59	47.42	49.20	50.76	51.75	52.35	53.22
82.5	24.22	27.26	29.92	32.32	34.48	36.38	37.92	38.88	39.39	39.98
85.0	16.23	18.29	20.07	21.69	23.14	24.40	25.44	26.09	26.43	26.83

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-12-05

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	8.383	9.415	10.31	11.12	11.84	12.46	12.98	13.30	13.47	13.67
90.0	0.6005	0.5882	0.5758	0.5717	0.5510	0.5224	0.5141	0.5100	0.5141	0.5058
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	530.4	530.6	530.8	531.0	531.1	531.3	531.4	531.6	531.8	532.0
5.0	527.5	527.7	528.0	528.2	528.4	528.7	528.9	529.0	529.3	529.5
7.5	524.5	524.9	525.1	525.2	525.3	525.2	525.2	525.2	525.3	525.5
10.0	521.6	521.9	521.9	521.8	521.5	521.3	521.1	520.8	520.5	520.3
12.5	513.1	513.6	514.2	514.7	515.5	516.1	516.0	515.2	514.6	514.2
15.0	504.1	504.5	504.9	505.3	505.6	506.0	506.5	507.5	508.1	507.0
17.5	494.9	495.2	495.5	495.4	495.4	495.6	496.1	496.5	497.4	498.5
20.0	485.7	485.9	485.7	485.4	485.1	485.0	485.0	484.8	485.1	485.8
22.5	472.8	473.4	473.8	474.4	474.8	474.0	472.9	472.5	472.4	472.5
25.0	459.4	459.8	460.0	460.3	460.7	460.7	460.9	459.7	458.8	458.4
27.5	445.8	446.2	446.2	446.3	446.0	445.8	445.9	446.1	444.9	444.0
30.0	432.3	432.5	432.2	431.9	431.1	430.7	430.0	429.8	430.0	428.3
32.5	415.8	416.6	417.1	417.4	416.3	415.4	414.1	413.3	412.5	412.5
35.0	398.9	399.3	399.7	399.8	399.9	400.1	398.2	396.4	395.1	394.5
37.5	381.9	382.0	382.0	381.8	381.8	381.4	381.5	379.8	377.8	376.6
40.0	364.9	364.9	364.5	364.1	363.6	362.8	362.3	362.3	360.6	358.6
42.5	346.2	346.7	346.6	346.3	345.3	344.3	343.3	342.7	342.4	340.6
45.0	327.3	327.6	327.5	327.2	326.7	325.9	324.3	323.0	322.5	322.4
47.5	308.4	308.6	308.4	308.0	307.1	306.4	305.5	303.5	302.4	302.0
50.0	289.5	289.6	289.4	288.7	287.7	286.5	285.1	284.4	282.4	281.3
52.5	269.6	269.8	269.9	269.5	268.4	266.6	264.8	263.7	262.9	261.1
55.0	249.4	249.5	249.5	249.1	248.7	246.8	244.9	243.1	241.9	241.1
57.5	229.2	229.3	229.2	228.7	227.8	226.2	225.0	223.1	221.4	220.3
60.0	209.1	209.1	209.0	208.3	207.2	205.6	204.2	203.0	201.3	199.7
62.5	189.0	189.0	188.7	188.0	186.8	185.2	183.7	182.3	181.3	179.6
65.0	168.9	168.9	168.4	167.5	166.4	165.0	163.6	162.1	160.8	159.8
67.5	148.7	148.7	148.2	147.2	146.0	144.8	143.6	142.3	140.9	139.6
70.0	128.6	128.6	128.0	126.9	125.8	124.7	123.7	122.7	121.6	120.1
72.5	109.7	109.4	108.5	107.2	105.8	104.9	104.2	103.5	101.8	101.1
75.0	91.03	90.45	89.54	88.50	87.49	86.32	85.26	84.61	82.27	82.13
77.5	72.31	71.56	70.65	69.92	69.31	68.59	67.83	67.00	64.06	63.69
80.0	53.59	52.67	51.80	51.43	51.26	51.02	50.60	49.92	48.09	47.28
82.5	40.05	38.99	37.81	36.93	36.14	35.21	33.97	33.02	32.25	31.50
85.0	26.85	26.13	25.33	24.75	24.21	23.58	22.73	21.40	19.90	17.97
87.5	13.66	13.29	12.89	12.59	12.32	12.00	11.56	10.88	10.10	9.156
90.0	0.4730	0.4606	0.4484	0.4442	0.4401	0.4401	0.4360	0.4237	0.4072	0.4029
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	532.2	532.5	532.7	533.0	533.2	533.5	533.7	533.5	533.3	533.0
5.0	529.6	529.9	530.1	530.5	530.9	531.3	531.8	531.4	531.0	530.7
7.5	525.6	525.9	526.2	526.6	527.2	527.8	528.5	527.9	527.3	526.9
10.0	520.3	520.5	520.7	521.2	521.8	522.6	523.6	522.8	522.2	521.7
12.5	513.9	513.7	513.7	513.9	514.4	515.2	516.3	515.4	514.8	514.5
15.0	506.3	505.7	505.4	505.3	505.7	506.6	507.8	506.8	506.3	506.1
17.5	497.5	496.2	495.4	495.2	495.5	496.2	497.6	496.5	495.9	495.9
20.0	487.1	486.1	484.7	484.0	484.0	484.8	486.3	485.1	484.6	484.8
22.5	473.3	474.6	472.8	471.7	471.3	471.8	473.2	472.0	471.8	472.4
25.0	458.9	459.9	459.5	457.7	457.2	457.7	459.4	458.1	458.0	459.0
27.5	443.2	443.8	445.5	443.4	442.4	442.6	444.2	442.9	443.1	444.4
30.0	427.3	427.5	428.7	428.2	426.6	426.6	428.3	427.0	427.3	429.1
32.5	410.9	410.4	411.1	412.0	410.1	409.8	411.3	410.2	410.9	413.1
35.0	394.3	393.1	393.2	395.1	393.0	392.1	393.3	392.5	393.7	396.3
37.5	376.6	375.5	374.9	375.9	374.0	375.3	374.5	374.5	376.1	377.4
40.0	357.7	357.2	356.0	356.6	356.7	355.2	356.1	355.6	357.8	358.2
42.5	338.4	338.0	337.0	337.1	338.2	336.1	337.0	336.7	339.2	338.7
45.0	319.6	318.4	317.8	317.3	318.9	316.6	317.5	317.3	320.2	319.1
47.5	301.0	298.5	297.9	297.0	298.6	296.9	297.8	297.6	300.0	299.2
50.0	281.3	279.1	277.6	277.0	277.6	276.9	277.6	277.8	279.3	279.2
52.5	260.3	259.6	257.0	257.2	257.3	256.8	257.4	257.7	259.0	259.2
55.0	239.6	238.4	236.8	237.3	235.9	236.0	237.1	236.7	237.3	239.0
57.5	219.0	217.5	217.0	216.2	215.5	215.7	216.7	216.6	216.9	218.0
60.0	198.8	197.3	197.1	195.8	195.6	195.9	196.7	196.6	196.9	197.6
62.5	178.2	177.6	176.6	176.0	176.1	176.0	176.4	176.7	177.1	177.4
65.0	158.3	157.4	156.6	156.7	156.6	156.2	156.6	156.6	157.3	157.6
67.5	138.7	137.4	137.1	136.8	136.7	136.2	136.7	136.3	137.0	137.5
70.0	119.0	117.9	111.4	117.0	115.9	117.4	118.4	117.5	116.2	118.2
72.5	100.0	97.77	94.04	94.73	96.05	96.73	99.01	97.99	98.25	99.66
75.0	81.59	78.66	71.57	68.87	69.36	77.39	79.18	78.50	77.03	76.87
77.5	62.79	59.82	54.66	50.18	48.70	53.00	62.41	61.74	61.13	60.85

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

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	46.36	42.17	38.52	33.97	31.95	31.58	45.50	44.37	43.96	44.23
82.5	39.65	27.15	23.59	21.00	18.54	17.25	25.93	28.01	27.83	28.16
85.0	15.47	13.85	11.99	10.49	8.935	8.274	6.979	11.93	12.32	11.89
87.5	7.785	5.877	4.036	2.258	2.389	2.145	1.384	1.773	1.968	0.9972
90.0	0.3248	0.2591	0.2426	0.2303	0.2303	0.2590	0.1585	0.1398	0.1398	0.1398
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	532.8	532.6	532.4	532.2	532.0	531.9	531.8	531.6	531.5	531.5
5.0	530.4	530.1	530.0	529.9	529.7	529.5	529.3	529.2	529.0	528.9
7.5	526.5	526.3	526.1	526.1	526.0	525.9	525.9	526.1	526.1	526.1
10.0	521.4	521.3	521.2	521.3	521.4	521.6	522.0	522.4	522.6	523.0
12.5	514.4	514.6	515.0	515.7	516.3	516.9	517.6	517.4	516.9	516.2
15.0	506.4	506.8	507.6	508.5	509.7	509.4	508.8	508.0	507.4	507.0
17.5	496.4	497.6	499.4	500.4	499.3	498.5	498.0	498.2	497.7	497.7
20.0	485.8	487.5	488.6	487.7	487.4	487.1	487.1	487.3	488.0	487.9
22.5	474.0	476.1	475.0	474.5	474.4	474.9	475.5	476.4	477.4	477.3
25.0	460.9	461.2	460.6	460.5	461.0	462.2	463.5	463.6	463.4	463.3
27.5	446.9	445.8	445.4	445.9	447.4	448.5	448.7	448.6	448.7	449.0
30.0	430.2	429.4	429.9	431.2	432.4	432.6	432.6	433.7	434.3	434.8
32.5	412.7	412.6	413.8	415.9	415.5	415.8	416.9	418.0	419.6	420.4
35.0	394.9	395.4	397.2	398.0	398.4	399.4	400.9	402.9	403.2	403.1
37.5	376.6	377.6	379.3	379.6	381.1	382.8	384.4	384.4	384.6	385.0
40.0	358.0	359.8	360.1	361.4	363.5	365.2	365.3	365.7	366.5	367.1
42.5	339.2	340.5	341.2	343.3	345.4	346.6	346.2	347.2	348.3	349.3
45.0	320.2	320.9	322.3	325.3	325.4	325.8	327.1	328.8	329.5	330.1
47.5	300.7	301.3	303.7	304.5	305.2	306.5	308.1	309.2	309.9	310.7
50.0	280.4	281.7	284.2	284.2	285.4	287.3	287.8	289.3	290.4	291.3
52.5	259.7	262.9	263.1	263.8	265.7	266.4	267.6	269.5	270.9	272.1
55.0	239.3	241.8	242.3	243.9	244.8	246.1	247.5	249.7	251.0	251.7
57.5	219.3	220.2	221.7	223.0	224.2	225.9	227.7	228.8	230.3	231.2
60.0	199.2	199.7	201.4	202.3	204.1	205.8	206.9	208.3	209.8	210.9
62.5	178.3	179.7	180.5	181.9	183.7	185.0	186.4	187.9	189.4	190.6
65.0	157.9	159.1	160.2	161.9	163.1	164.6	166.2	167.7	168.7	169.7
67.5	138.4	138.9	140.4	141.6	143.1	144.6	145.7	146.7	147.7	148.8
70.0	118.7	119.5	120.5	121.9	123.3	124.2	125.1	126.0	127.0	128.0
72.5	99.39	98.74	101.5	102.5	103.3	104.1	104.7	105.5	106.4	107.7
75.0	76.97	79.70	82.52	82.84	83.80	84.32	85.01	86.15	87.30	88.34
77.5	61.26	62.17	63.57	63.71	65.00	65.97	66.76	67.60	68.38	69.04
80.0	44.88	45.03	45.46	46.23	47.44	48.17	48.70	49.20	49.58	49.84
82.5	28.14	28.32	29.18	29.65	30.16	30.57	31.36	32.98	34.29	35.34
85.0	12.57	12.00	13.45	15.91	17.81	19.53	20.89	21.99	22.99	23.60
87.5	2.472	4.232	6.725	7.985	8.942	9.824	10.51	11.07	11.52	11.89
90.0	0.1770	0.1686	0.1686	0.1686	0.1810	0.1810	0.1810	0.1810	0.1810	0.1892
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	531.3	531.1	530.9	530.7	530.5	530.4	530.4	530.3	530.3	530.3
5.0	528.7	528.7	528.5	528.1	527.8	527.5	527.3	527.1	526.9	526.7
7.5	526.0	526.0	525.9	525.6	525.1	524.5	524.1	523.9	523.3	522.7
10.0	523.1	523.1	523.2	523.1	522.4	521.4	521.1	520.3	519.4	518.7
12.5	515.8	515.1	514.8	514.5	513.7	512.7	512.5	511.8	511.4	511.1
15.0	506.7	506.4	505.9	505.7	504.9	504.0	503.3	502.6	501.8	501.3
17.5	497.5	497.4	497.1	496.9	496.2	495.3	494.3	493.2	492.1	491.1
20.0	488.4	488.5	488.2	488.1	487.4	486.4	485.2	483.8	482.5	480.4
22.5	476.6	475.9	475.3	474.8	474.0	473.0	472.0	471.0	470.1	469.0
25.0	462.7	462.4	461.9	461.4	460.6	459.5	458.3	457.1	455.5	454.4
27.5	449.0	449.0	448.6	448.0	447.2	446.0	444.6	443.3	441.2	439.6
30.0	435.0	435.3	435.2	434.6	433.8	432.5	431.0	429.1	426.7	424.7
32.5	419.9	419.5	418.7	417.9	417.0	415.7	414.5	412.9	411.2	410.0
35.0	402.5	402.3	401.7	401.1	400.2	398.9	397.5	395.6	393.8	392.0
37.5	385.1	385.2	384.8	384.3	383.4	382.2	380.6	378.5	376.3	374.1
40.0	367.6	367.9	367.9	367.5	366.6	365.4	363.6	361.4	358.8	356.4
42.5	349.6	349.5	349.3	348.6	347.6	346.3	344.7	343.0	340.8	338.8
45.0	330.4	330.5	330.3	329.7	328.7	327.2	325.5	323.5	321.2	319.2
47.5	311.1	311.5	311.3	310.7	309.7	308.2	306.3	304.1	301.7	299.2
50.0	292.0	292.4	292.4	291.8	290.7	289.1	287.0	284.9	282.3	279.3
52.5	272.7	272.6	272.4	271.6	270.6	269.0	267.0	265.0	262.4	259.6
55.0	252.4	252.3	252.2	251.5	250.4	248.9	246.9	244.8	242.0	239.2
57.5	232.0	232.1	232.0	231.3	230.3	228.7	226.8	224.6	221.8	218.8
60.0	211.6	211.9	211.8	211.2	210.1	208.5	206.8	204.4	201.6	198.7
62.5	191.2	191.4	191.3	190.7	189.7	188.1	186.4	184.1	181.4	178.7
65.0	170.4	170.7	170.7	170.2	169.2	167.7	166.0	163.7	161.1	158.4
67.5	149.6	150.2	150.2	149.7	148.8	147.3	145.6	143.4	140.9	138.3
70.0	128.9	129.6	129.6	129.2	128.3	126.9	125.3	123.2	120.8	118.2

H(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-12-05

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	108.8	109.7	110.2	109.9	109.1	107.9	106.2	104.0	101.5	98.72
75.0	89.19	90.12	90.84	90.60	89.79	88.91	87.33	85.21	82.81	80.22
77.5	69.64	70.54	71.51	71.35	70.52	69.93	68.48	66.45	64.19	61.82
80.0	50.12	50.98	52.18	52.10	51.25	50.95	49.64	47.73	45.65	43.51
82.5	36.29	37.55	38.89	39.06	38.49	38.20	36.97	35.11	32.89	30.36
85.0	24.24	25.09	26.00	26.12	25.74	25.54	24.72	23.46	21.97	20.26
87.5	12.21	12.64	13.11	13.18	12.99	12.89	12.48	11.85	11.10	10.24
90.0	0.1975	0.2057	0.2262	0.2303	0.2344	0.2386	0.2426	0.2427	0.2427	0.2427
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2	533.2
2.5	530.2	530.1	530.1	530.1	530.1	530.2	530.2	530.4	530.5	530.7
5.0	526.4	526.2	526.1	526.0	526.0	526.0	526.0	526.1	526.3	526.5
7.5	522.3	521.9	521.4	521.1	520.9	520.7	520.4	520.3	520.4	520.6
10.0	517.7	517.0	516.2	515.3	514.5	513.7	513.1	512.7	512.7	512.9
12.5	511.0	510.8	510.0	508.3	507.1	506.0	504.9	504.3	504.0	504.1
15.0	500.6	499.8	499.5	499.3	498.7	496.9	495.4	494.3	493.7	493.4
17.5	489.7	488.9	487.8	487.0	486.6	486.5	484.8	483.2	482.0	481.2
20.0	479.1	477.4	475.8	474.6	473.3	472.8	472.7	471.0	469.4	468.4
22.5	468.1	465.8	463.6	461.3	459.8	458.5	458.0	457.9	455.6	454.3
25.0	453.2	452.5	450.7	448.1	445.6	443.7	442.4	442.1	441.1	439.1
27.5	438.1	436.1	435.0	433.9	431.1	428.4	426.5	425.5	425.6	423.1
30.0	422.5	420.2	418.1	416.6	415.7	412.9	410.1	408.2	407.6	406.4
32.5	406.9	404.1	401.3	399.1	397.5	396.7	393.3	390.8	389.4	388.9
35.0	390.0	387.8	384.3	381.4	379.1	377.9	376.3	373.3	371.3	371.3
37.5	371.8	369.1	367.2	363.8	360.9	358.8	358.2	355.6	353.0	352.3
40.0	353.5	350.4	347.6	345.7	342.8	340.0	338.4	337.7	334.2	332.8
42.5	335.4	332.0	328.7	326.2	324.1	321.0	318.7	317.7	315.3	313.3
45.0	316.5	313.4	309.9	306.7	304.1	302.1	298.8	297.5	296.6	293.4
47.5	296.2	293.5	291.7	287.7	284.2	281.6	279.3	277.1	276.7	273.7
50.0	276.2	273.2	270.8	268.7	265.0	261.2	259.5	256.8	256.0	253.6
52.5	256.5	253.2	250.2	247.7	244.8	241.0	238.5	237.0	234.5	233.3
55.0	236.3	233.4	230.2	227.2	223.8	221.2	218.2	216.7	214.1	213.4
57.5	215.7	212.9	210.2	206.8	203.4	200.7	198.1	195.9	194.3	193.0
60.0	195.4	192.4	189.5	186.6	183.3	180.4	178.4	175.6	174.6	172.5
62.5	175.4	172.3	169.3	166.1	163.5	160.5	157.9	156.3	154.0	152.8
65.0	155.4	152.5	149.4	146.2	143.4	141.0	136.9	136.4	134.3	133.6
67.5	135.4	132.5	129.6	126.8	123.8	121.2	119.7	117.0	115.2	114.8
70.0	115.5	112.7	109.9	107.2	104.5	101.8	100.2	98.69	96.38	95.37
72.5	95.85	93.20	90.69	88.11	85.55	83.28	81.26	79.86	78.34	76.72
75.0	77.56	74.75	72.06	69.48	67.32	65.25	63.25	61.57	60.73	58.99
77.5	59.40	56.91	54.50	52.09	49.74	47.68	46.02	44.41	43.16	42.72
80.0	41.37	39.24	37.19	35.23	33.36	31.55	29.65	28.24	27.00	26.16
82.5	27.53	24.39	20.85	18.62	17.32	16.23	15.36	14.50	12.35	11.64
85.0	18.36	16.25	13.86	11.22	8.255	5.035	1.875	3.511	4.085	1.515
87.5	9.277	8.218	7.015	5.683	4.176	2.546	0.9692	0.3443	0.2620	0.1902
90.0	0.2427	0.2427	0.2427	0.2386	0.2345	0.2304	0.2180	0.2180	0.2139	0.2139
G/C	350.0	355.0								
0.0	533.2	533.2								
2.5	530.8	531.1								
5.0	526.9	527.3								
7.5	520.9	521.4								
10.0	513.3	514.0								
12.5	504.4	505.0								
15.0	493.6	494.4								
17.5	481.3	482.0								
20.0	468.3	469.1								
22.5	453.9	454.4								
25.0	438.4	438.8								
27.5	421.9	422.2								
30.0	404.8	404.9								
32.5	387.2	387.3								
35.0	369.4	369.2								
37.5	351.0	350.5								
40.0	331.0	331.2								
42.5	312.5	311.5								
45.0	293.3	292.1								
47.5	273.0	271.8								
50.0	252.1	252.0								
52.5	231.9	231.1								
55.0	211.7	211.1								
57.5	191.5	191.2								
60.0	171.8	171.5								
62.5	152.1	152.0								

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

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:

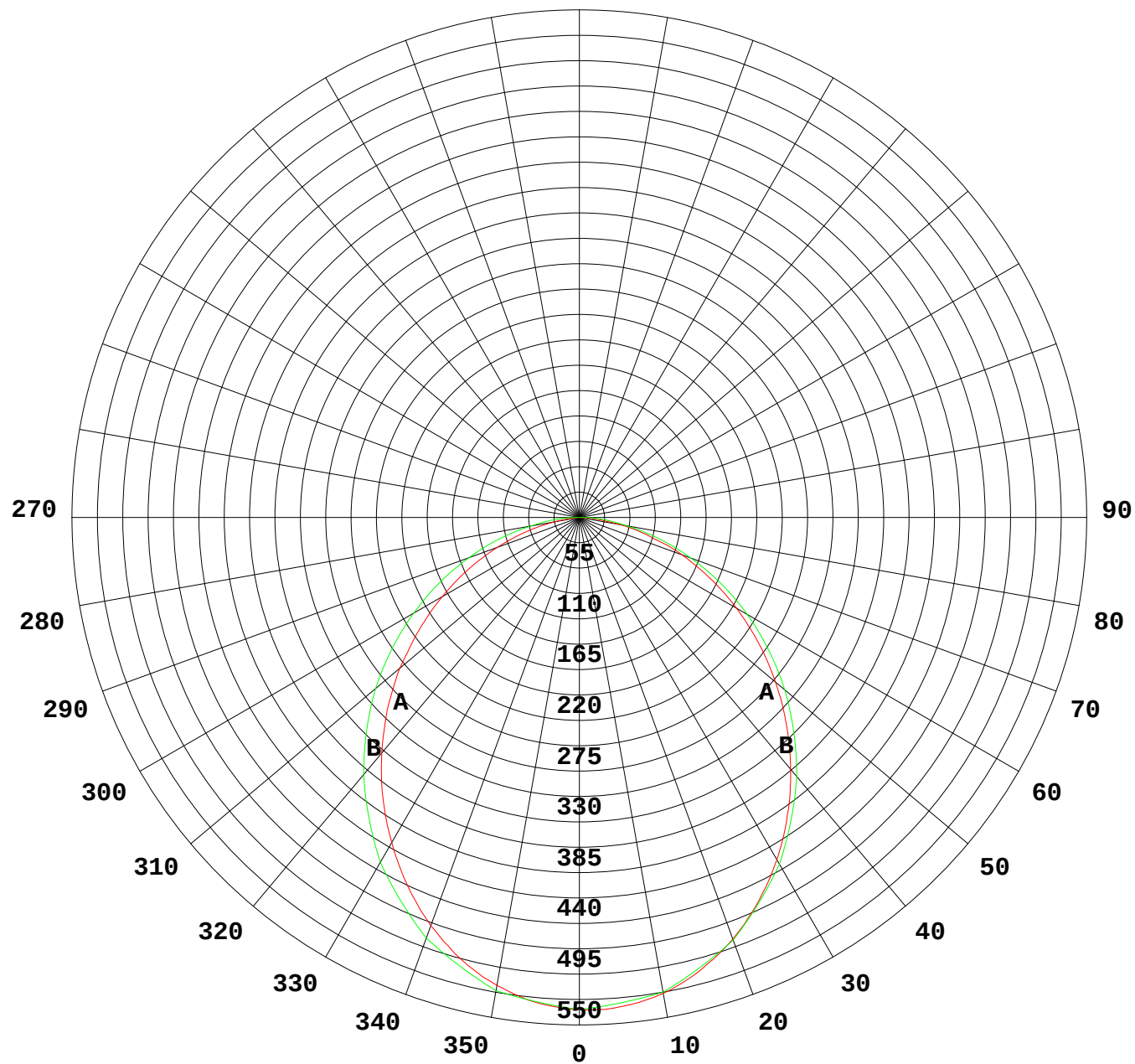
Photometric Data Table [cd]

65.0	133.1	132.2
67.5	113.6	114.1
70.0	94.90	94.93
72.5	77.11	76.40
75.0	58.91	58.70
77.5	41.34	41.91
80.0	25.54	25.97
82.5	11.37	11.29
85.0	1.558	1.229
87.5	0.2558	0.1895
90.0	0.2098	0.2057

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-12-05

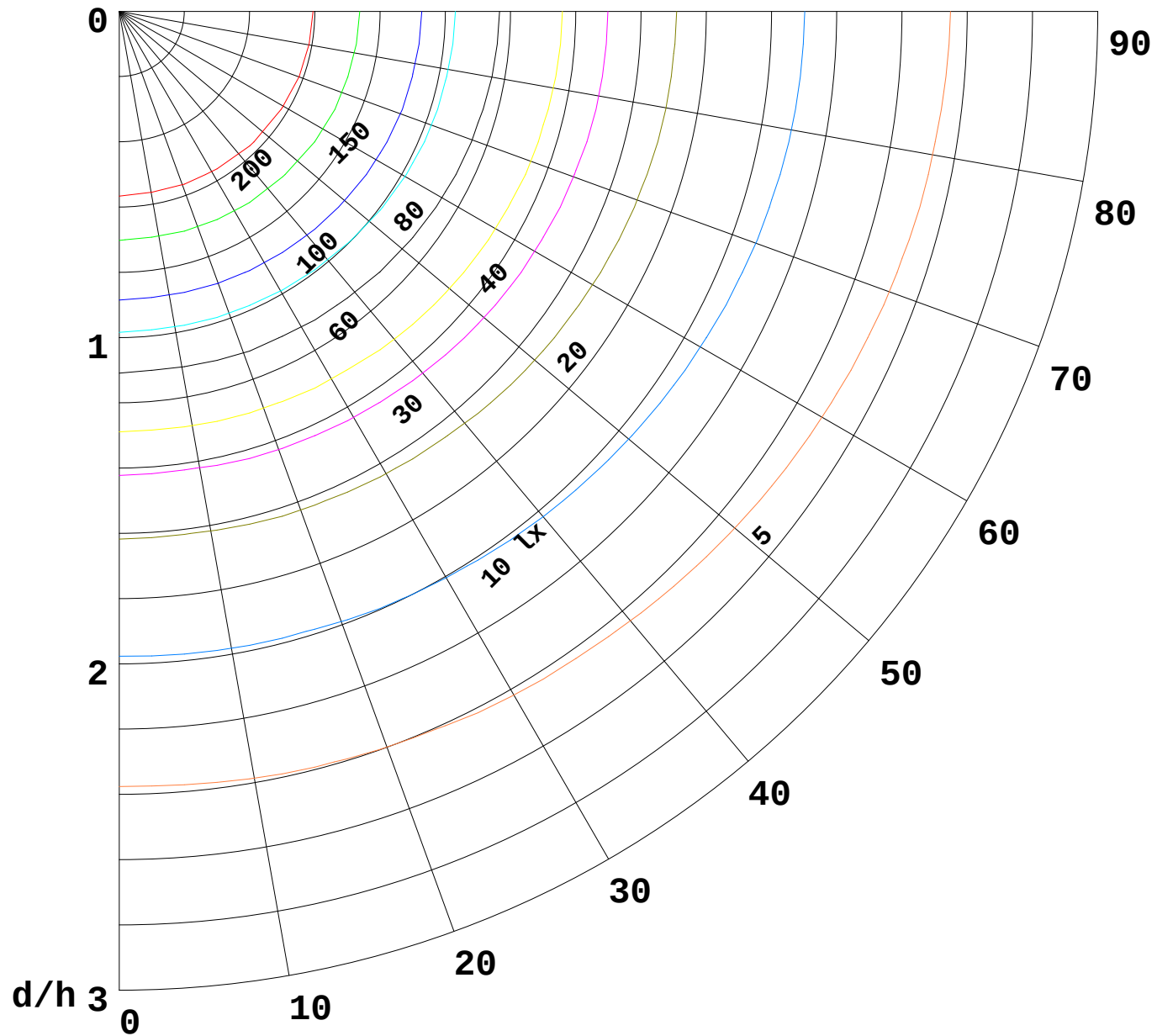
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

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

