

TEST REPORT

Report reference No.....	GEN2026076.01								
Product.....	Led linear light								
Family Name.....	U23								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: U23LN-FA10S1 SBK 3000K[CRI90] T120D (LP250-10-48V U23)									
Declared data									
Rated Input	Rated Power (W)	No.of LEDs (PCS)	Rated Total Lumen (lm)	Rated Useful Lumen (lm)	Energy class	Imax (cd)	Life (hr)	Tc (K)	Beam angle (°)
DC48V	9W	24	650	500	E	220	50000	3000K	120
Power supply	LP250-10-48V U23								
Light model	SMD LED PH-XYD-2835-6C4B-V1.0 6V 1W,3000K(W) 24pcs, 229.5x15.2x1.0<CRI90>,1060LM								

Light Output Ratio:	66%	
Luminaire Power:	9.5W	
SUR.:	0.00464 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:2026-07-27

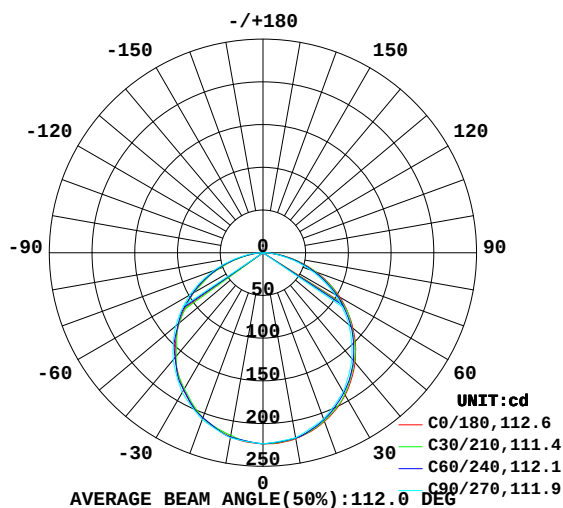
V(B) Range: -90 - 90DEG
V(B) Interval:5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

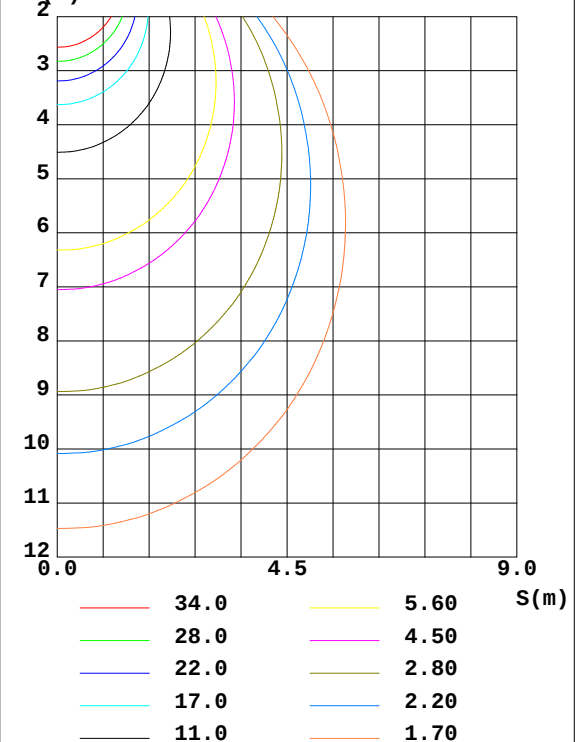
Test:U:48.00V I:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 66.62 lm/W			
MODEL PH-XYD-2835-6C4B-V1.0		I _{max} (cd)	223.8	S/MH(C0/180)	1.24
NOMINAL POWER(W)	8.2	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	34	TOTAL FLUX(lm)	636.38	η UP, DN(C0-180)	0.0, 49.8
NOMINAL FLUX(lm)	636.382	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:2026-07-27

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	223.4	222.4	221.5	221.2	222.4	221.2	221.7	222.4	0- 5	5.321	5.321	0.84,0.84
10	220.9	220.1	219.9	218.0	218.5	217.9	219.9	220.5	5- 10	15.78	21.10	3.32,3.32
15	216.5	215.7	213.2	213.5	212.8	213.1	213.7	216.4	10- 15	25.71	46.81	7.36,7.36
20	210.2	208.6	207.1	204.5	205.8	204.3	207.8	209.8	15- 20	34.71	81.52	12.8,12.8
25	202.3	200.1	197.4	196.4	196.7	196.2	198.2	201.4	20- 25	42.56	124.1	19.5,19.5
30	192.3	190.1	187.8	185.7	185.7	185.5	188.9	191.8	25- 30	48.94	173.0	27.2,27.2
35	180.5	179.0	174.8	172.8	173.1	172.5	176.1	180.9	30- 35	53.68	226.7	35.6,35.6
40	167.6	165.4	162.0	160.5	159.4	160.3	163.5	167.8	35- 40	56.57	283.3	44.5,44.5
45	153.1	151.6	146.7	143.7	144.3	143.5	148.3	154.1	40- 45	57.63	340.9	53.6,53.6
50	137.3	134.8	131.4	130.0	128.3	129.9	133.3	137.7	45- 50	56.74	397.6	62.5,62.5
55	121.0	119.4	114.1	110.8	111.5	110.7	115.9	122.3	50- 55	54.02	451.7	71,71
60	103.7	101.0	96.91	94.53	93.70	94.41	98.96	104.3	55- 60	49.47	501.1	78.7,78.7
65	85.47	83.27	77.98	74.98	75.22	74.90	79.86	86.52	60- 65	43.31	544.4	85.6,85.6
70	66.52	64.25	59.28	56.54	56.25	56.42	61.21	67.51	65- 70	35.65	580.1	91.2,91.2
75	47.35	45.06	40.71	37.88	37.55	37.66	42.34	48.22	70- 75	26.94	607.0	95.4,95.4
80	28.67	27.52	22.38	20.31	20.01	20.24	23.73	30.17	75- 80	17.68	624.7	98.2,98.2
85	4.758	12.01	11.19	7.760	4.681	7.772	11.87	13.64	80- 85	9.029	633.7	99.6,99.6
90	0.0734	0.1264	0.1142	0.1223	0.0803	0.1223	0.1101	0.0530	85- 90	2.653	636.4	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): 340.9 lm

%lum = 53.6%

%lamp = 53.6%

Conical surface Flux(120deg): 501.12 lm

%lum = 78.7%

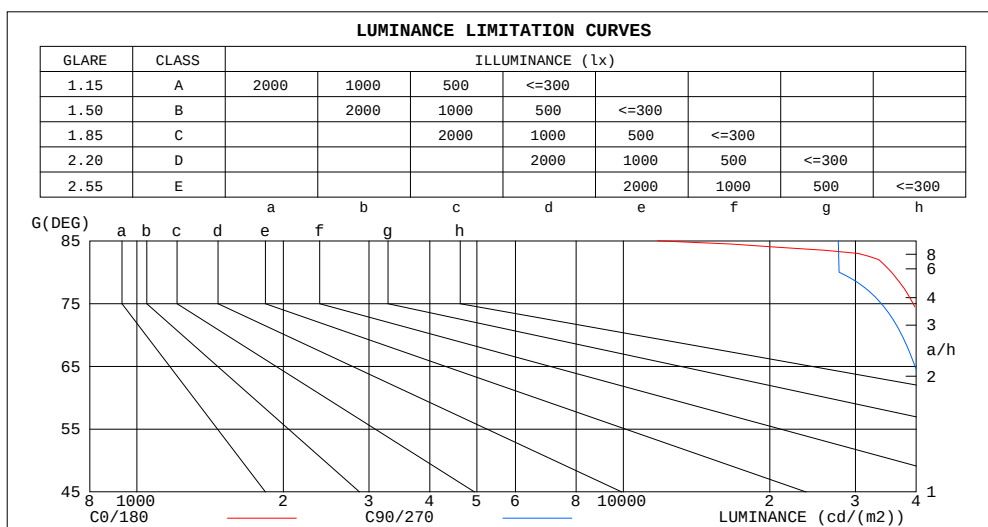
%lamp = 78.7%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-27

$V(B)$ 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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11765	27666
80	35587	27772
75	39428	33899
70	41918	37355
65	43586	39765
60	44694	41770
55	45475	42872
50	46028	44065
45	46657	44712

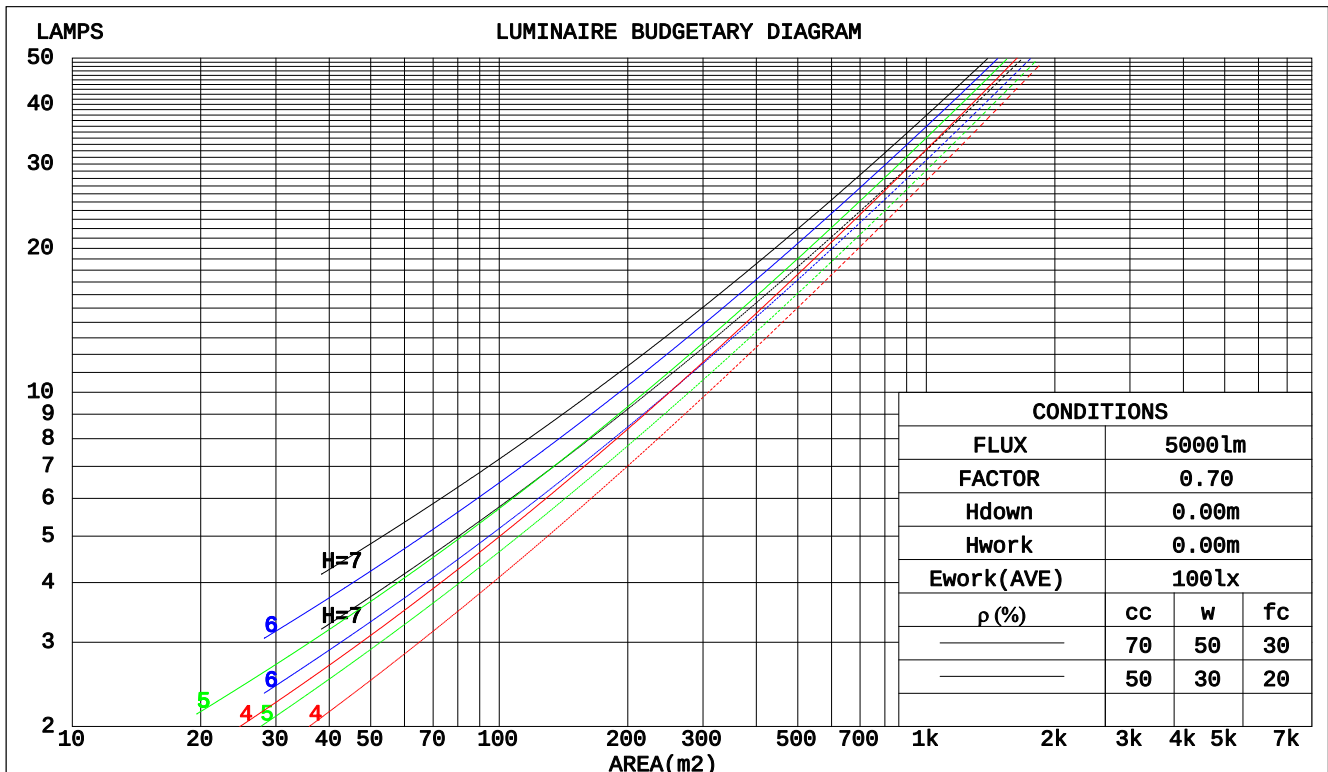
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V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.04	.90	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm									
NAME: Led linear light					TYPE:fixed			WEIGHT:146g	
SPEC.:9W					DIM.: L235*W23*H27mm			SERIAL No.:GEN2026076.01	
MFR.: KOE Lighting Ltd.					SUR.:L232XW20			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	.310	.176	.056	.303	.173	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050		
2.0	.292	.160	.049	.286	.157	.048	.274	.152	.047	.263	.148	.046	.253	.143	.045		
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.249	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.117	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.171	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.180	.156	.134	.154	.134	.116	.106	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-27

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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm											
NAME: Led linear light					TYPE:fixed			WEIGHT:146g			
SPEC.:9W					DIM.: L235*W23*H27mm			SERIAL No.:GEN2026076.01			
MFR.: KOE Lighting Ltd.					SUR.:L232XW20			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	2H	27.8	29.4	28.1	29.6	29.8	27.6	29.1	27.9	29.3	29.5
	3H	29.5	30.9	29.8	31.1	31.3	29.1	30.5	29.4	30.7	31.0
	4H	30.1	31.4	30.4	31.7	32.0	29.7	31.0	30.0	31.3	31.5
	6H	30.6	31.8	30.9	32.1	32.4	30.0	31.3	30.4	31.6	31.9
	8H	30.7	31.9	31.0	32.2	32.5	30.2	31.4	30.5	31.7	31.9
	12H	30.7	31.9	31.0	32.1	32.5	30.2	31.4	30.6	31.7	32.0
4H	2H	28.4	29.8	28.8	30.0	30.3	28.3	29.6	28.6	29.9	30.1
	3H	30.2	31.4	30.6	31.7	32.0	29.9	31.1	30.3	31.4	31.7
	4H	31.0	32.1	31.4	32.4	32.8	30.7	31.7	31.0	32.0	32.4
	6H	31.6	32.6	32.0	32.9	33.3	31.1	32.1	31.5	32.5	32.8
	8H	31.8	32.7	32.2	33.0	33.4	31.3	32.2	31.7	32.6	33.0
	12H	31.8	32.6	32.2	33.0	33.4	31.4	32.3	31.9	32.6	33.1
8H	4H	31.3	32.2	31.7	32.5	32.9	31.0	31.8	31.4	32.2	32.6
	6H	32.0	32.8	32.5	33.2	33.6	31.6	32.3	32.0	32.7	33.2
	8H	32.3	32.9	32.7	33.4	33.8	31.9	32.5	32.3	32.9	33.4
	12H	32.4	33.0	32.9	33.4	33.9	32.1	32.6	32.6	33.1	33.6
12H	4H	31.3	32.1	31.7	32.5	32.9	31.0	31.8	31.4	32.2	32.6
	6H	32.1	32.7	32.5	33.2	33.6	31.7	32.3	32.1	32.8	33.2
	8H	32.4	32.9	32.9	33.4	33.9	32.0	32.5	32.4	33.0	33.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117, 636.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.6)

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
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:

UTILIZATION FACTORS TABLE

Test:U:48.00V I:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
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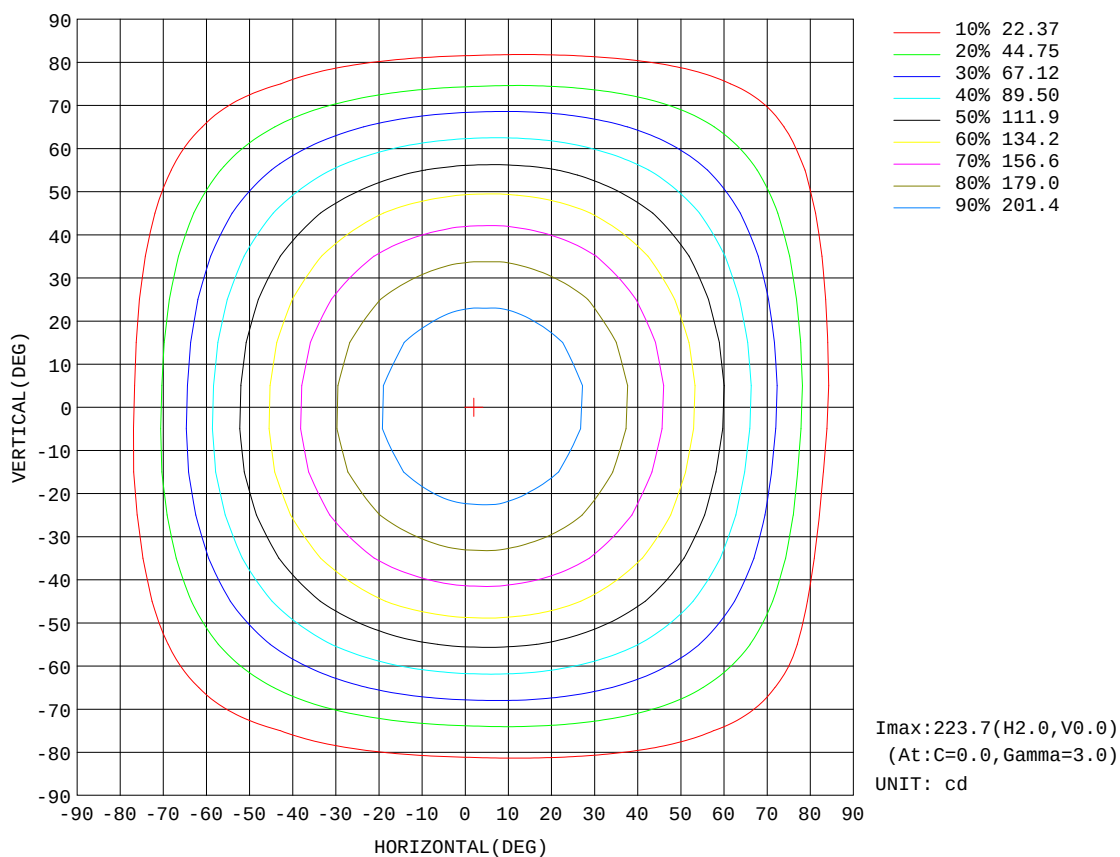
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	56	45	39	32
0.80	67	56	48	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	50
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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 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
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 Remarks:

ISOCANDELA DIAGRAM

Test:U:48.00V I:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...

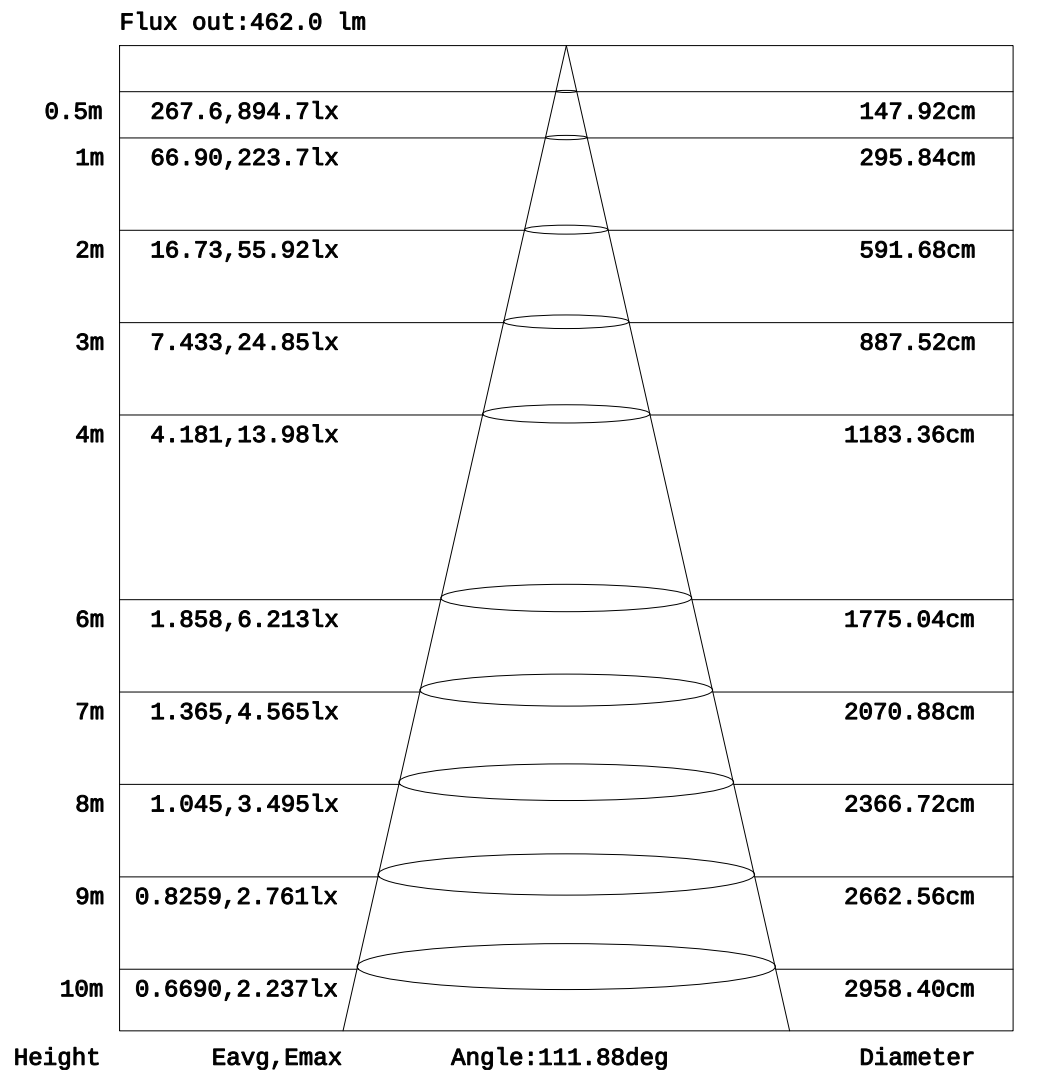


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-27

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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...



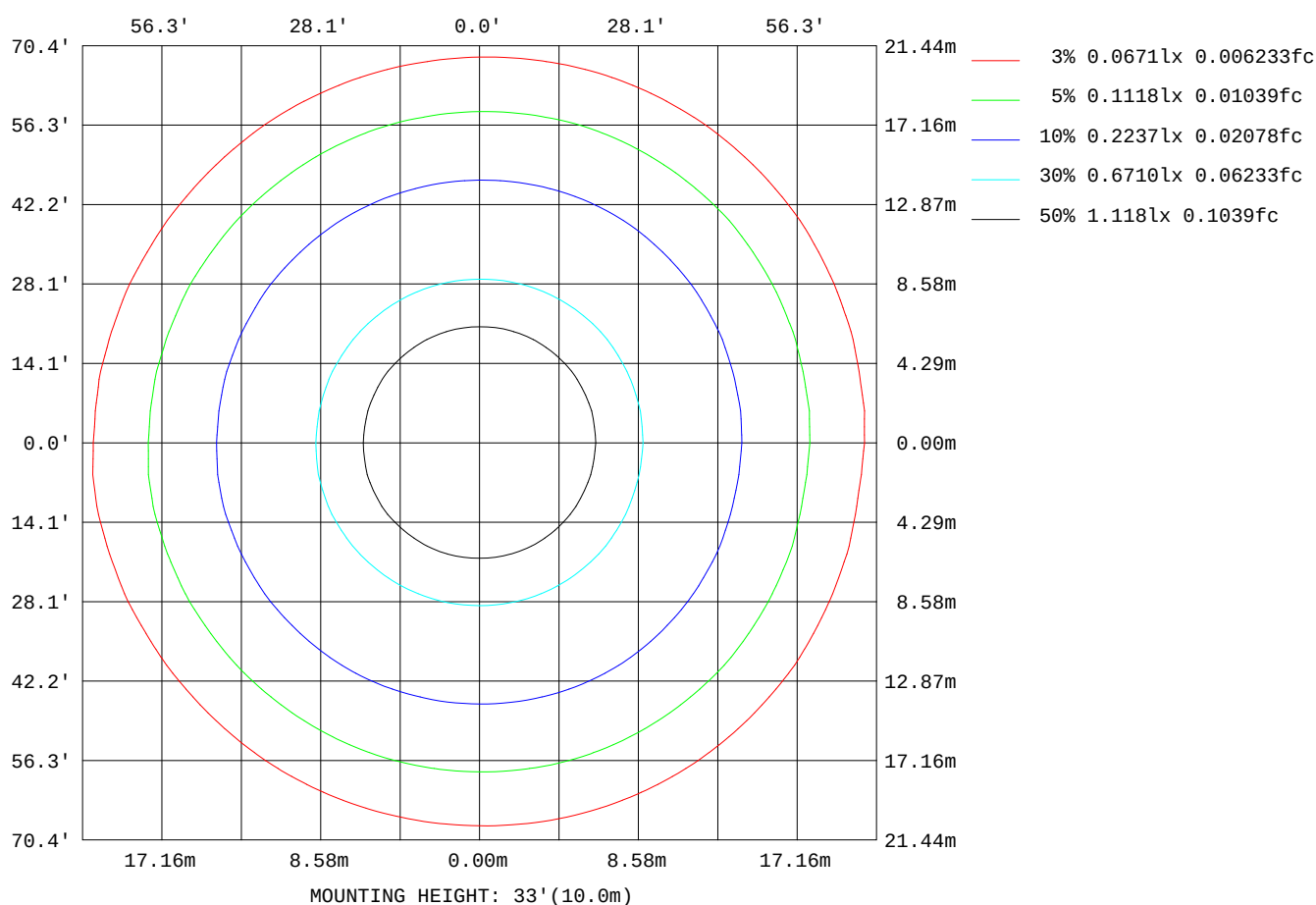
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

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:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...

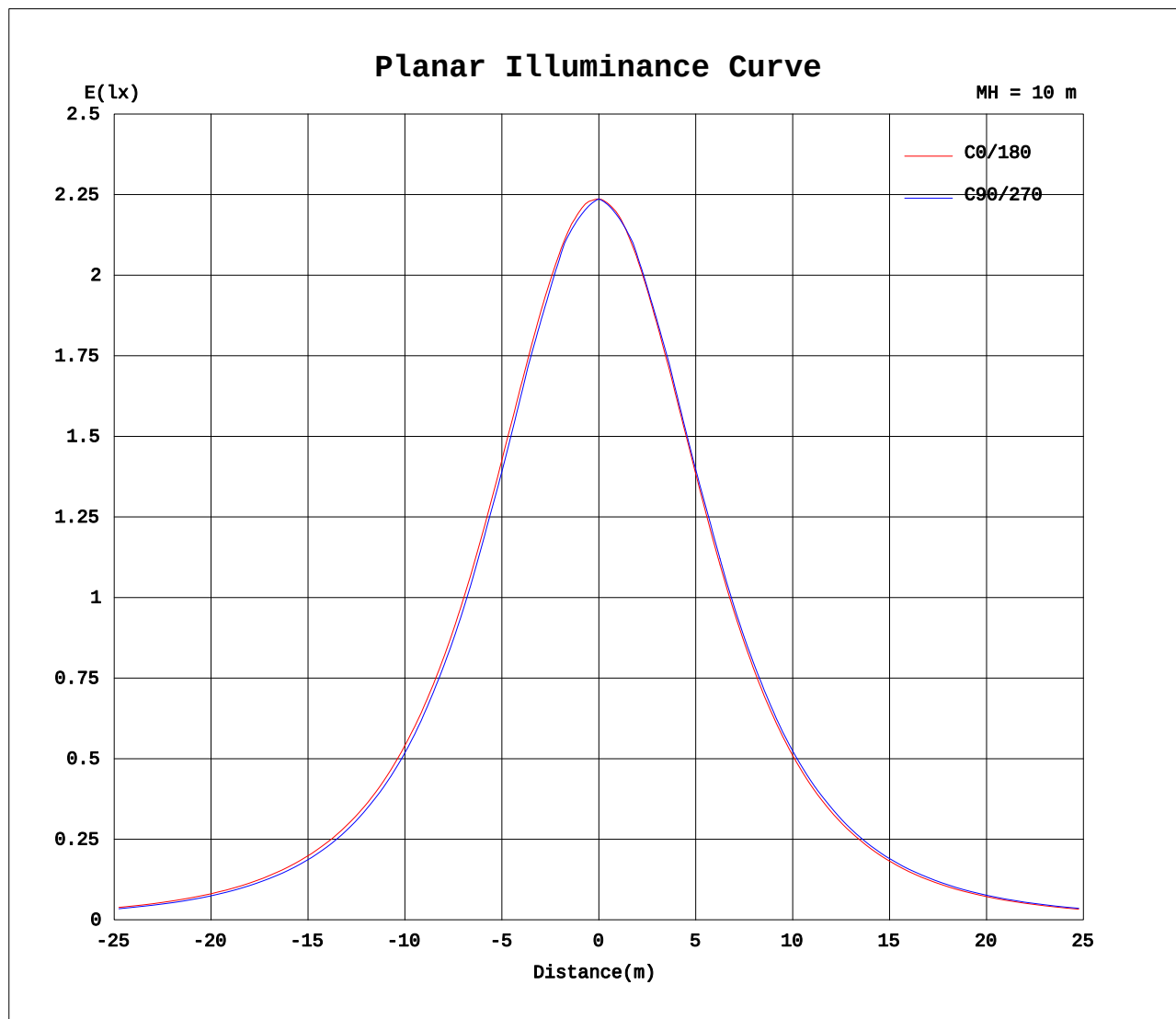
AvgL	cd/m2
L_0~180(65)av	40974
L_0~180(75)av	35348
L_0~180(85)av	11670
L_90~270(65)av	40244
L_90~270(75)av	34577
L_90~270(85)av	28505
L_45(65)av	40754
L_45(75)av	35144
L_45(85)av	25459

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:2026-07-27

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:2026-07-27

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

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

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

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

Test:U:48.00V I:0.1990A P:9.552W PF:1.000 Freq:0Hz Lamp Flux:636.382x1 lm		
NAME: Led linear light	TYPE:fixed	WEIGHT:146g
SPEC.:9W	DIM.: L235*W23*H27mm	SERIAL No.:GEN2026076.01
MFR.: KOE Lighting Ltd.	SUR.:L232XW20	Shielding Angle:...

UNIT: cd

[illegible]

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

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	223.7	223.6	223.5	223.5	223.4	223.3	223.2	223.1	223.1	223.0
5.0	223.4	223.2	223.1	223.0	222.9	222.8	222.7	222.6	222.5	222.4
7.5	222.4	222.2	222.0	221.9	221.8	221.7	221.7	221.6	221.6	221.5
10.0	220.9	220.7	220.5	220.4	220.4	220.3	220.3	220.1	220.1	220.1
12.5	218.7	218.6	218.5	218.4	218.5	218.5	218.3	218.2	218.2	218.2
15.0	216.5	216.2	216.1	216.1	216.1	215.8	215.7	215.8	215.8	215.7
17.5	213.6	213.4	213.3	213.4	213.1	212.8	212.7	212.7	212.4	212.2
20.0	210.2	210.1	210.1	210.2	209.7	209.5	209.4	209.0	208.8	208.6
22.5	206.4	206.3	206.5	206.3	205.9	205.7	205.4	205.3	205.1	204.6
25.0	202.3	202.2	202.5	201.9	201.5	201.3	201.2	201.3	200.6	200.1
27.5	197.4	197.7	198.2	197.3	196.8	196.6	196.8	196.1	195.5	195.4
30.0	192.3	192.6	192.8	191.8	191.6	191.8	191.3	190.6	190.3	190.1
32.5	186.6	187.0	186.9	185.8	185.9	186.5	185.3	184.7	184.8	185.0
35.0	180.5	181.2	180.7	179.6	180.1	179.8	178.8	178.9	179.3	179.0
37.5	174.1	175.0	174.1	173.3	174.2	172.9	172.5	173.0	172.9	172.3
40.0	167.6	168.6	167.1	166.9	167.2	165.7	166.1	166.6	165.7	165.4
42.5	160.4	161.8	159.6	160.1	159.5	158.7	159.9	159.0	158.4	158.6
45.0	153.1	154.7	151.9	153.3	151.5	152.0	152.3	151.3	151.4	151.6
47.5	145.4	146.9	144.3	145.5	143.6	145.3	144.0	144.0	144.4	143.3
50.0	137.3	138.6	136.8	136.8	136.3	136.9	135.9	136.7	135.7	134.8
52.5	129.3	130.4	129.2	127.9	129.1	128.0	128.4	128.0	126.8	127.1
55.0	121.0	121.5	121.4	119.0	120.9	119.6	120.5	118.7	119.0	119.4
57.5	112.5	112.5	113.1	111.2	111.4	111.8	110.7	110.4	111.2	110.1
60.0	103.7	103.2	103.4	103.7	102.2	103.0	101.4	102.7	101.6	101.0
62.5	94.62	93.51	93.35	94.62	94.16	92.65	93.61	92.93	92.31	92.52
65.0	85.47	84.28	83.49	84.20	85.14	83.91	84.23	83.37	83.81	83.27
67.5	76.09	75.64	75.59	75.34	74.04	75.76	74.17	74.95	74.16	73.30
70.0	66.52	67.06	67.44	67.14	65.92	65.03	65.78	64.96	64.10	64.25
72.5	56.93	58.06	55.96	55.17	56.41	56.29	55.63	55.01	55.36	55.09
75.0	47.35	46.59	47.25	47.39	46.46	46.34	45.87	46.49	45.69	45.06
77.5	37.87	36.68	37.02	36.64	37.28	36.76	37.15	36.26	36.06	36.19
80.0	28.67	28.33	28.89	28.79	27.85	27.92	27.27	27.71	27.84	27.52
82.5	19.42	15.58	16.95	19.37	19.12	19.48	19.88	19.42	18.89	18.35
85.0	4.758	7.979	9.070	10.89	12.49	12.07	11.48	11.65	11.82	12.01
87.5	1.564	3.016	4.367	4.690	5.802	5.897	5.969	6.005	6.067	6.132
90.0	0.0734	0.1509	0.1509	0.1488	0.1448	0.1366	0.1305	0.0679	0.1346	0.1264

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.9	222.9	222.8	222.8	222.8	222.7	222.7	222.6	222.6	222.5
5.0	222.2	222.1	222.1	222.0	221.9	221.9	221.8	221.6	221.5	221.4
7.5	221.4	221.3	221.2	221.1	221.0	221.0	220.9	220.8	220.7	220.5
10.0	220.1	220.1	220.1	220.0	220.0	220.0	220.0	220.0	219.9	219.5
12.5	218.2	218.3	218.1	217.8	217.5	217.2	217.0	216.8	216.6	216.3
15.0	215.4	215.1	214.9	214.8	214.4	214.1	213.9	213.6	213.2	213.2
17.5	212.1	211.9	211.7	211.5	211.3	211.0	210.7	210.5	210.2	210.1
20.0	208.4	208.2	207.9	207.8	207.8	207.8	207.5	207.3	207.1	207.1
22.5	204.2	203.9	204.0	203.8	203.6	203.4	203.0	202.5	202.3	202.2
25.0	199.9	199.5	199.2	199.1	198.8	198.7	198.2	197.7	197.4	197.2
27.5	195.0	194.7	194.3	194.3	193.9	193.7	193.4	192.9	192.6	192.4
30.0	190.1	189.8	189.1	188.8	188.6	188.5	188.5	188.1	187.8	187.6
32.5	184.6	184.0	183.7	183.3	182.9	182.5	182.3	181.7	181.3	181.1
35.0	178.5	178.1	177.6	177.1	176.7	176.2	175.9	175.3	174.8	174.6
37.5	172.0	171.7	171.3	170.8	170.2	169.7	169.4	168.9	168.4	168.3
40.0	165.3	165.3	164.6	163.9	163.4	163.0	162.7	162.5	162.0	162.0
42.5	158.7	157.9	157.3	156.9	156.4	155.8	155.3	154.9	154.4	154.2
45.0	150.7	150.1	149.9	149.5	149.0	148.3	147.8	147.3	146.7	146.4
47.5	142.6	142.5	142.4	142.1	141.4	140.7	140.1	139.7	139.1	138.8
50.0	134.9	135.0	134.6	134.0	133.4	132.8	132.3	132.1	131.4	131.3
52.5	127.4	126.7	126.1	125.7	125.2	124.6	123.8	123.5	122.8	122.5
55.0	118.5	117.9	117.6	117.2	116.7	116.0	115.3	114.8	114.1	113.7
57.5	109.6	109.3	109.1	108.7	108.0	107.3	106.6	106.1	105.5	105.2
60.0	101.0	100.9	100.2	99.55	99.03	98.48	97.85	97.39	96.91	96.67
62.5	92.21	91.40	90.78	90.30	89.93	89.35	88.66	88.02	87.44	87.15
65.0	82.43	81.93	81.58	81.18	80.73	80.11	79.38	78.64	77.98	77.57
67.5	73.08	72.89	72.52	72.00	71.35	70.69	70.03	69.26	68.63	68.25
70.0	64.18	63.61	62.93	62.32	61.76	61.17	60.65	59.89	59.28	58.93
72.5	54.38	53.77	53.19	52.86	52.46	51.93	51.41	50.65	50.00	49.62
75.0	44.74	44.58	44.28	43.89	43.39	42.80	42.19	41.41	40.71	40.30
77.5	36.06	35.79	35.31	34.79	34.21	33.56	32.95	32.24	31.54	31.15
80.0	27.03	26.53	26.03	25.53	24.96	24.31	23.70	23.06	22.38	22.01
82.5	18.07	18.22	18.30	18.32	18.20	17.94	17.65	17.27	16.78	16.46
85.0	12.17	12.26	12.30	12.30	12.20	12.00	11.80	11.53	11.19	10.97

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-07-27

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	6.182	6.210	6.223	6.214	6.158	6.058	5.954	5.824	5.651	5.544
90.0	0.1183	0.1142	0.1142	0.1142	0.1121	0.1101	0.1101	0.1142	0.1142	0.1183
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.5	222.5	222.5	222.5	222.5	222.5	222.5	222.5	222.5	222.6
5.0	221.3	221.3	221.2	221.2	221.1	221.1	221.1	221.2	221.2	221.3
7.5	220.3	220.2	220.1	220.0	219.9	219.9	219.8	219.7	219.6	219.6
10.0	219.4	219.3	219.1	218.9	218.8	218.6	218.3	218.0	217.7	217.4
12.5	216.3	216.3	216.3	216.5	216.7	216.9	216.7	216.3	215.8	215.3
15.0	213.1	213.0	213.0	212.9	212.9	213.0	213.2	213.5	213.7	212.9
17.5	210.0	209.9	209.7	209.4	209.1	208.9	209.0	209.2	209.5	210.0
20.0	207.1	206.9	206.6	206.2	205.7	205.2	204.7	204.5	204.7	205.2
22.5	202.2	202.2	202.3	202.4	202.3	201.7	201.0	200.3	199.8	200.4
25.0	197.0	196.9	196.7	196.6	196.8	197.2	197.3	196.4	195.8	195.2
27.5	192.2	191.9	191.4	191.0	190.8	191.0	191.5	192.2	191.5	190.6
30.0	187.5	187.1	186.6	186.0	185.4	184.9	185.1	185.7	186.8	186.0
32.5	181.1	181.0	180.9	181.1	180.4	179.8	179.1	179.0	179.7	181.1
35.0	174.3	174.0	173.8	173.8	174.2	174.7	173.7	172.8	172.4	173.5
37.5	168.0	167.5	166.9	166.6	166.8	167.1	167.8	167.0	165.8	165.8
40.0	161.7	161.2	160.6	160.2	159.7	159.3	159.7	160.5	159.8	158.3
42.5	154.0	153.8	153.8	154.0	153.4	152.5	151.5	152.0	153.2	152.0
45.0	146.0	145.6	145.5	145.8	146.2	146.0	144.9	143.7	144.4	145.7
47.5	138.3	137.9	137.5	137.3	137.3	137.7	138.3	136.8	135.5	136.7
50.0	130.8	130.4	130.0	129.6	128.8	128.5	129.0	130.0	128.5	127.4
52.5	122.2	122.0	122.1	122.1	121.2	120.4	119.6	120.3	121.6	119.6
55.0	113.2	113.0	112.9	112.8	112.9	112.8	111.8	110.8	111.6	112.5
57.5	104.6	104.3	103.9	103.4	103.3	103.5	104.0	102.9	101.7	102.9
60.0	96.15	95.91	95.46	94.88	94.29	93.65	93.93	94.53	93.76	92.37
62.5	86.72	86.63	86.48	86.44	85.93	85.17	84.32	84.23	85.07	84.25
65.0	77.14	76.90	76.64	76.47	76.47	76.62	75.98	74.98	74.51	75.63
67.5	67.85	67.51	67.10	66.65	66.38	66.41	66.58	66.74	65.52	64.81
70.0	58.63	58.28	57.93	57.52	57.10	56.62	56.25	56.54	57.04	56.03
72.5	49.30	48.95	48.65	48.34	48.05	47.62	47.13	46.60	46.54	47.20
75.0	39.96	39.60	39.28	38.97	38.70	38.45	38.20	37.88	37.34	36.75
77.5	30.84	30.50	30.19	29.85	29.52	29.20	29.06	28.96	28.80	28.48
80.0	21.74	21.48	21.25	21.04	20.85	20.67	20.51	20.31	20.12	20.19
82.5	16.12	15.70	15.22	14.66	14.03	13.35	12.62	12.41	12.50	12.53
85.0	10.73	10.43	10.09	9.700	9.272	8.801	8.301	7.760	7.210	6.654
87.5	5.425	5.271	5.097	4.892	4.667	4.416	4.148	3.854	3.553	3.249
90.0	0.1223	0.1224	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223	0.1183	0.1183
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.6	222.7	222.7	222.8	222.9	223.0	223.1	223.0	222.9	222.8
5.0	221.4	221.5	221.6	221.8	222.0	222.2	222.4	222.2	222.0	221.8
7.5	219.6	219.7	219.8	220.0	220.2	220.5	220.8	220.5	220.2	219.9
10.0	217.1	217.2	217.3	217.5	217.7	218.1	218.5	218.1	217.7	217.4
12.5	214.8	214.4	214.3	214.5	214.8	215.3	215.9	215.3	214.8	214.4
15.0	212.2	211.5	211.0	211.1	211.5	212.0	212.8	212.0	211.4	211.0
17.5	209.3	208.5	207.8	207.4	207.9	208.5	209.4	208.4	207.7	207.2
20.0	206.0	205.4	204.6	203.8	204.0	204.8	205.8	204.6	203.7	203.4
22.5	201.3	202.4	200.9	199.7	199.3	200.1	201.3	199.9	199.0	199.2
25.0	195.9	196.9	196.9	195.4	194.4	195.3	196.7	195.1	193.9	194.6
27.5	190.1	191.1	192.5	190.6	188.9	189.8	191.4	189.5	188.4	189.8
30.0	184.6	184.6	186.0	185.6	183.5	183.9	185.7	183.6	182.8	184.6
32.5	179.5	178.0	179.2	180.1	177.7	177.6	179.5	177.2	177.0	179.1
35.0	174.2	172.3	172.1	174.1	171.7	171.0	173.1	170.6	170.8	172.9
37.5	167.3	166.4	166.7	166.6	165.6	164.2	166.5	163.7	164.6	165.5
40.0	159.1	160.6	158.0	159.0	159.1	156.8	159.4	156.2	157.8	157.8
42.5	150.7	152.7	151.6	151.0	152.5	149.3	152.1	148.7	151.2	149.6
45.0	143.6	143.9	145.1	142.7	145.7	141.3	144.3	140.5	144.3	141.4
47.5	136.9	134.9	137.9	135.0	137.3	133.6	136.4	132.8	135.7	133.5
50.0	129.2	127.6	128.4	127.7	128.4	125.9	128.3	124.9	126.9	126.4
52.5	119.4	120.4	118.7	120.6	119.3	118.0	120.1	116.9	117.7	119.2
55.0	110.0	111.9	110.0	113.0	109.9	110.0	111.5	108.7	108.2	111.6
57.5	102.8	101.5	102.5	102.7	100.6	101.9	102.7	100.4	98.89	101.2
60.0	94.43	92.44	94.34	92.14	92.71	93.67	93.70	92.11	91.04	90.62
62.5	83.52	85.16	83.47	83.23	84.98	85.49	84.46	83.64	83.28	81.66
65.0	74.43	75.12	73.95	75.64	76.70	76.26	75.22	74.32	75.00	74.11
67.5	66.32	64.27	66.78	65.58	65.38	65.77	65.84	63.82	63.65	64.06
70.0	55.30	56.57	55.61	54.58	54.47	55.21	56.25	53.16	52.73	53.05
72.5	46.54	46.12	46.19	47.80	47.15	45.00	46.82	43.05	45.47	46.31
75.0	37.63	37.18	37.38	36.45	36.80	37.77	37.55	35.91	35.10	34.95
77.5	27.89	28.49	27.93	28.82	28.57	29.22	28.52	27.44	26.95	27.36

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

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	20.12	19.66	19.88	19.03	18.30	18.44	20.01	17.47	17.39	17.66
82.5	12.40	12.53	12.35	12.18	10.39	8.816	12.52	10.52	10.85	11.12
85.0	6.133	6.390	6.408	6.127	4.651	2.964	4.681	3.469	4.678	5.437
87.5	2.955	2.736	2.632	2.084	1.047	0.8081	0.5163	0.6813	0.8504	1.640
90.0	0.1142	0.1101	0.1101	0.1101	0.1101	0.1100	0.0803	0.1223	0.1223	0.1223
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.7	222.7	222.6	222.6	222.6	222.6	222.5	222.5	222.6	222.6
5.0	221.6	221.5	221.4	221.3	221.2	221.2	221.2	221.2	221.2	221.3
7.5	219.8	219.6	219.5	219.5	219.5	219.6	219.8	219.9	220.1	220.2
10.0	217.1	216.9	216.9	217.1	217.5	217.9	218.2	218.5	218.8	219.1
12.5	214.1	214.1	214.6	215.0	215.4	215.9	216.5	216.7	216.6	216.5
15.0	210.9	211.3	211.9	212.5	213.3	213.1	212.8	212.7	212.8	212.9
17.5	207.6	208.4	209.2	209.7	209.2	208.8	208.7	208.6	208.8	209.4
20.0	204.1	204.9	205.7	205.0	204.6	204.3	204.5	205.0	205.6	206.2
22.5	200.3	201.5	200.6	199.9	199.5	200.2	201.0	201.6	202.2	202.5
25.0	196.0	196.1	195.2	194.6	195.3	196.2	197.3	197.2	196.8	196.7
27.5	191.4	190.0	189.2	190.0	191.1	192.0	191.3	191.0	191.0	191.1
30.0	184.9	183.7	183.9	185.3	186.4	185.5	185.0	184.9	185.6	186.2
32.5	178.1	177.0	178.7	180.5	179.3	178.6	179.0	179.8	180.6	181.4
35.0	171.0	171.3	173.4	172.9	171.9	172.5	173.7	174.7	174.3	174.2
37.5	163.6	165.3	166.4	165.0	165.3	166.8	167.8	167.3	167.0	167.1
40.0	157.0	159.6	158.2	157.6	159.3	160.3	159.6	159.4	160.1	160.8
42.5	150.5	151.8	149.8	151.3	152.7	151.8	151.5	152.7	153.8	154.6
45.0	144.0	142.9	142.8	145.1	143.9	143.5	144.9	144.4	144.6	146.4
47.5	136.7	133.8	136.0	136.0	135.1	136.7	138.4	138.0	137.8	137.9
50.0	127.2	126.5	128.3	126.7	128.2	129.9	129.2	128.8	129.4	130.3
52.5	117.5	119.4	118.6	119.0	121.4	120.3	119.7	120.7	121.9	122.8
55.0	108.7	110.9	109.3	112.1	111.3	110.7	111.9	113.2	113.5	113.6
57.5	101.2	100.5	102.1	102.4	101.3	102.8	104.1	103.8	103.9	104.2
60.0	93.07	91.40	93.74	91.85	93.44	94.41	94.05	94.01	94.87	95.78
62.5	82.18	84.17	82.75	83.72	84.75	84.15	84.45	85.53	86.56	87.36
65.0	72.65	74.12	73.63	75.09	74.23	74.90	76.14	76.95	77.08	77.34
67.5	65.58	63.18	65.53	64.28	65.22	66.71	66.70	66.61	66.89	67.45
70.0	54.32	55.48	54.48	55.47	56.73	56.42	56.33	56.83	57.56	58.28
72.5	44.88	45.02	45.73	46.63	46.14	46.43	47.17	47.82	48.50	49.07
75.0	36.10	36.13	36.83	36.09	36.93	37.66	38.22	38.67	39.13	39.65
77.5	26.70	27.44	27.01	27.81	28.41	28.79	29.08	29.46	29.95	30.51
80.0	18.74	18.64	19.30	19.64	19.81	20.24	20.60	20.97	21.33	21.70
82.5	11.31	11.70	11.80	12.17	12.33	12.44	12.78	13.64	14.46	15.20
85.0	5.715	5.904	5.815	6.457	7.115	7.772	8.398	8.983	9.536	10.05
87.5	2.310	2.513	2.791	3.144	3.500	3.852	4.191	4.502	4.794	5.065
90.0	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223	0.1223
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.6	222.6	222.6	222.6	222.7	222.7	222.7	222.7	222.8	222.8
5.0	221.3	221.4	221.5	221.6	221.7	221.7	221.8	221.9	222.0	222.0
7.5	220.3	220.5	220.6	220.7	220.8	220.9	221.0	221.0	221.1	221.1
10.0	219.4	219.6	219.8	219.8	219.9	220.1	220.1	220.1	220.2	220.3
12.5	216.5	216.6	216.7	216.7	216.8	217.0	217.1	217.4	217.8	218.2
15.0	213.0	213.2	213.4	213.5	213.7	213.9	214.1	214.4	214.9	215.3
17.5	209.8	210.1	210.4	210.5	210.8	210.8	211.1	211.4	211.8	212.1
20.0	206.8	207.2	207.4	207.5	207.8	207.8	208.0	208.4	208.5	208.8
22.5	202.5	202.6	202.7	202.7	203.0	203.1	203.5	204.1	204.5	204.9
25.0	197.0	197.2	197.6	197.8	198.2	198.3	198.8	199.5	199.9	200.3
27.5	191.7	192.3	192.9	193.2	193.5	193.6	194.2	194.8	195.2	195.5
30.0	186.9	187.6	188.3	188.5	188.9	189.5	189.8	189.9	190.0	190.2
32.5	181.3	181.5	181.9	182.1	182.5	182.7	183.5	184.1	184.4	184.9
35.0	174.3	174.7	175.2	175.6	176.1	176.4	177.2	177.9	178.2	178.7
37.5	167.6	168.3	168.9	169.4	169.8	170.2	170.9	171.4	171.9	172.5
40.0	161.4	162.2	162.8	163.1	163.5	164.0	164.5	164.8	165.2	165.8
42.5	154.7	154.9	155.1	155.5	155.9	156.5	157.2	157.7	158.2	158.9
45.0	146.5	146.7	147.1	147.9	148.3	148.9	149.8	150.3	150.9	151.6
47.5	138.5	139.0	139.6	140.4	140.8	141.4	142.1	142.7	143.5	144.3
50.0	131.1	131.6	132.2	133.0	133.3	133.9	134.4	134.9	135.7	136.3
52.5	123.2	123.2	123.6	124.2	124.6	125.3	126.0	126.8	127.6	128.3
55.0	113.9	114.2	114.7	115.3	115.9	116.7	117.5	118.2	119.2	119.9
57.5	105.0	105.6	106.2	106.9	107.4	108.1	108.8	109.6	110.6	111.5
60.0	96.55	97.18	97.77	98.45	98.96	99.54	100.1	101.0	101.8	102.4
62.5	87.57	87.90	88.35	88.85	89.41	90.15	90.88	91.86	92.72	93.23
65.0	77.68	78.18	78.71	79.21	79.86	80.72	81.56	82.55	83.46	84.06
67.5	68.14	68.80	69.41	69.88	70.53	71.32	72.21	73.13	74.03	74.81
70.0	58.99	59.55	60.18	60.56	61.21	61.91	62.86	63.61	64.39	65.13

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

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	49.68	50.15	50.70	51.16	51.77	52.53	53.48	54.23	54.95	55.58
75.0	49.21	49.70	41.20	41.76	42.34	43.16	44.08	44.89	45.68	46.37
77.5	31.06	31.56	32.01	32.55	33.04	33.85	34.72	35.50	36.27	37.04
80.0	22.11	22.51	22.85	23.34	23.73	24.54	25.35	26.09	26.81	27.54
82.5	15.89	16.49	16.96	17.44	17.80	18.37	18.89	19.30	19.63	19.91
85.0	10.53	10.94	11.28	11.60	11.87	12.25	12.61	12.91	13.14	13.36
87.5	5.310	5.521	5.696	5.854	5.989	6.178	6.360	6.507	6.624	6.740
90.0	0.1183	0.1203	0.1142	0.1101	0.1101	0.1060	0.1060	0.1060	0.1020	0.1020
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7	223.7
2.5	222.9	222.9	223.0	223.0	223.1	223.1	223.2	223.3	223.4	223.5
5.0	222.1	222.2	222.3	222.4	222.5	222.6	222.7	222.8	222.9	223.0
7.5	221.3	221.4	221.6	221.7	221.7	221.8	221.8	221.8	221.9	222.0
10.0	220.4	220.4	220.4	220.5	220.5	220.6	220.7	220.7	220.6	220.6
12.5	218.6	219.0	219.0	218.8	218.7	218.7	218.7	218.8	218.8	218.7
15.0	215.6	215.8	216.1	216.4	216.6	216.5	216.4	216.4	216.6	216.4
17.5	212.5	212.8	212.9	213.2	213.5	213.8	213.6	213.6	213.7	213.9
20.0	208.9	209.2	209.5	209.8	209.9	210.1	210.5	210.4	210.4	210.7
22.5	205.2	205.2	205.4	205.8	206.4	206.4	206.4	206.7	206.7	207.0
25.0	200.6	200.7	201.3	201.4	201.9	202.5	202.4	202.6	202.7	202.9
27.5	195.8	196.1	196.4	196.8	197.1	197.5	198.2	198.0	197.9	198.1
30.0	190.6	191.3	191.5	191.8	191.8	192.3	193.1	193.2	192.8	192.9
32.5	185.1	185.5	186.2	186.7	186.7	186.8	187.1	188.0	187.5	187.3
35.0	179.2	179.7	180.2	180.9	181.4	180.9	180.8	181.7	181.9	181.3
37.5	173.0	173.5	174.1	174.4	175.1	175.1	174.5	174.8	176.0	175.1
40.0	166.5	167.2	167.6	167.8	167.9	168.8	168.2	167.7	169.1	168.6
42.5	159.3	160.1	161.1	161.0	160.7	161.3	162.2	160.9	161.6	162.2
45.0	152.1	152.6	153.2	154.1	153.9	153.8	154.5	154.4	153.8	155.5
47.5	144.8	145.1	145.2	145.8	147.1	146.5	146.5	147.8	146.0	147.8
50.0	137.1	137.7	137.6	137.7	138.5	139.4	138.6	139.4	138.8	139.1
52.5	128.8	129.4	130.2	130.0	129.8	130.9	131.1	130.6	131.6	130.5
55.0	120.4	120.8	121.5	122.3	122.1	121.8	123.4	122.3	123.6	121.6
57.5	112.0	112.3	112.6	113.2	114.3	113.6	113.7	114.7	114.1	113.9
60.0	103.2	103.9	104.1	104.3	104.9	106.0	104.7	106.1	104.9	106.4
62.5	93.80	94.41	95.34	95.76	95.72	96.22	96.87	95.89	97.11	97.47
65.0	84.57	85.00	85.63	86.52	87.22	86.68	87.58	87.23	88.19	87.10
67.5	75.48	75.94	76.29	76.54	77.53	78.24	77.47	79.10	77.25	78.26
70.0	65.84	66.63	67.34	67.51	67.52	68.28	69.14	68.46	69.13	70.16
72.5	56.09	56.78	57.49	58.30	58.69	58.34	59.02	59.68	59.66	58.24
75.0	46.92	47.39	47.75	48.22	48.98	49.81	49.25	49.71	49.72	50.53
77.5	37.69	38.36	38.80	39.11	39.24	39.57	40.46	40.08	40.54	39.73
80.0	28.17	28.86	29.51	30.17	30.66	30.71	30.46	31.13	31.02	31.80
82.5	20.04	20.19	20.26	20.73	21.35	21.96	22.51	22.26	21.98	22.28
85.0	13.46	13.53	13.60	13.64	13.59	13.54	13.49	14.08	14.59	13.31
87.5	6.792	6.797	6.866	6.912	6.915	6.934	6.955	6.924	6.873	5.448
90.0	0.0979	0.0223	0.0530	0.0530	0.0530	0.0530	0.0571	0.0591	0.0612	0.0612
G/C	350.0	355.0								
0.0	223.7	223.7								
2.5	223.5	223.6								
5.0	223.1	223.3								
7.5	222.1	222.3								
10.0	220.7	220.7								
12.5	218.6	218.6								
15.0	216.3	216.3								
17.5	213.7	213.5								
20.0	210.5	210.2								
22.5	207.0	206.6								
25.0	203.1	202.6								
27.5	198.8	198.0								
30.0	193.5	193.0								
32.5	187.9	187.5								
35.0	181.8	181.8								
37.5	175.4	175.7								
40.0	168.5	169.3								
42.5	161.5	162.7								
45.0	153.9	155.8								
47.5	146.4	148.0								
50.0	139.0	139.9								
52.5	131.4	131.7								
55.0	123.7	123.1								
57.5	115.6	114.3								
60.0	106.0	105.1								
62.5	95.96	95.77								

H(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-07-27

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:

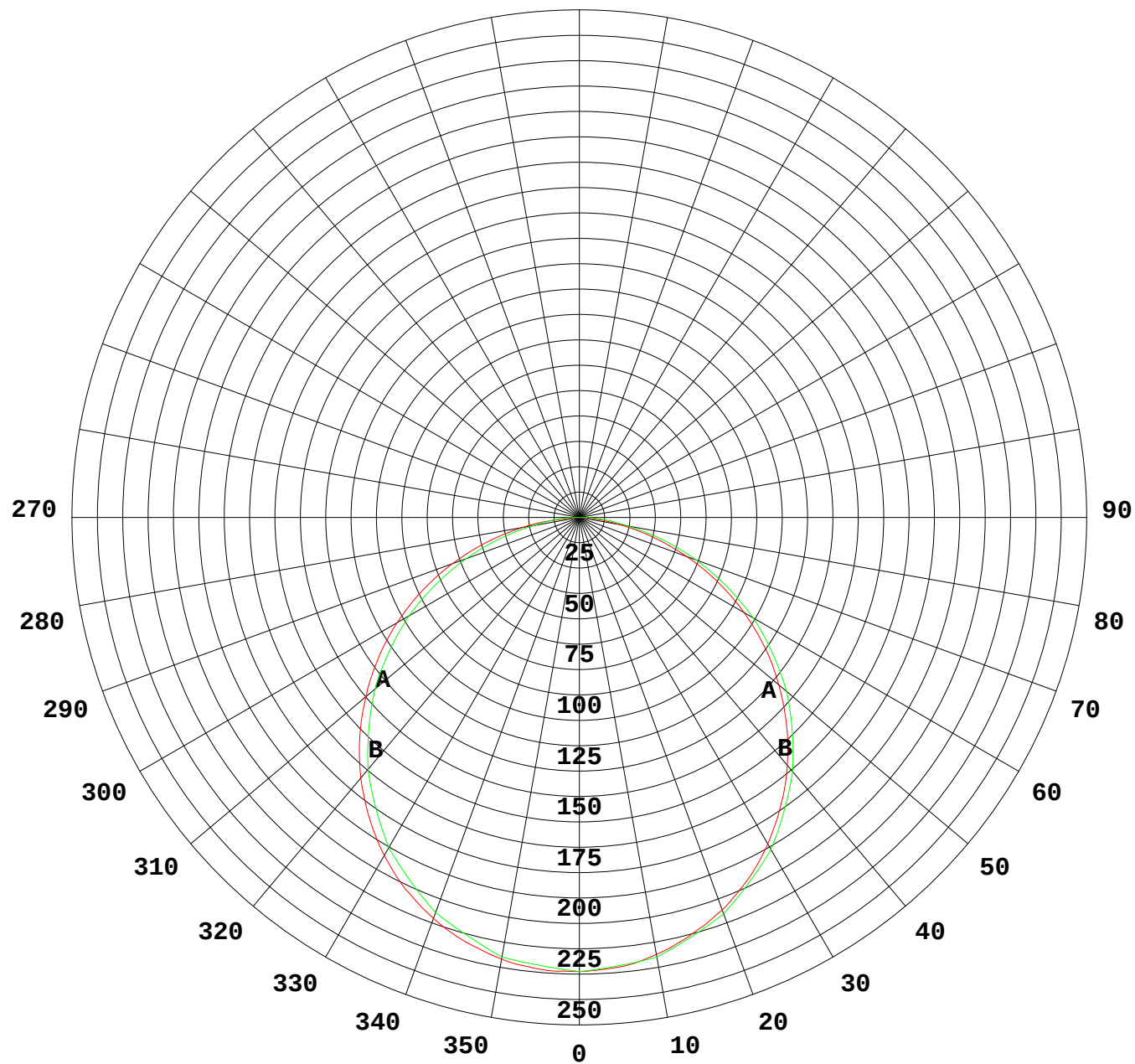
Photometric Data Table [cd]

65.0	86.10	86.64
67.5	78.30	78.02
70.0	70.23	69.55
72.5	58.80	60.66
75.0	50.10	49.10
77.5	39.87	39.24
80.0	32.02	31.64
82.5	22.33	22.58
85.0	11.76	12.40
87.5	4.359	3.513
90.0	0.0612	0.0612

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-07-27

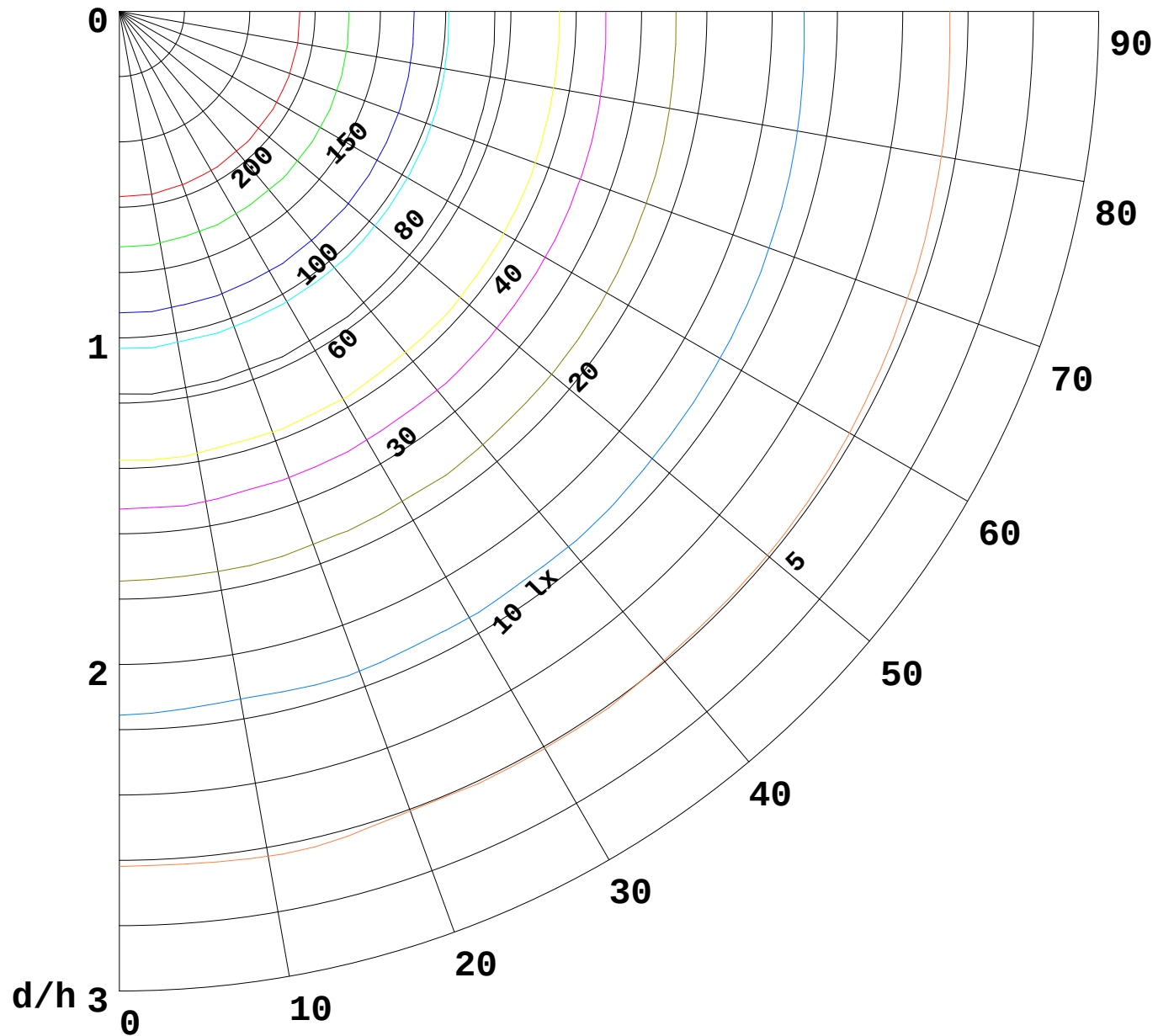
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

I(cd)



1000 l_m

$K = 1$



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

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

