

TEST REPORT

Report reference No.....	GEN2026137.01								
Product.....	LED Pendant Light								
Family Name.....	M20								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: M20PD-A10C1 SBK 3000K[CRI90] H24D (LP250-10-48V)									
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	9.5	1	900	890	E	3670	50000	3000K	24
Power supply	LP250-10-48V								
Light model	COB 36V 3000K CRI90, 320mA 12W D10.5, <TQ1-1510D-1203B8-H30A0> ANSI, 1130LM								

Light Output Ratio:	80%		
Luminaire Power:	9.28W		
SUR.:	0.00101 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: 2026-08-26

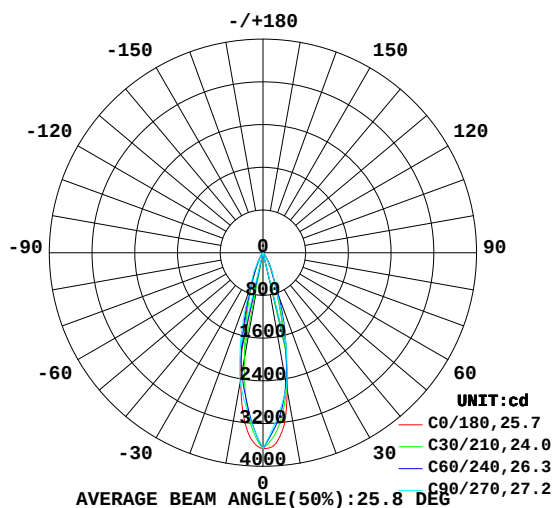
V(B) Range: -90 - 90DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

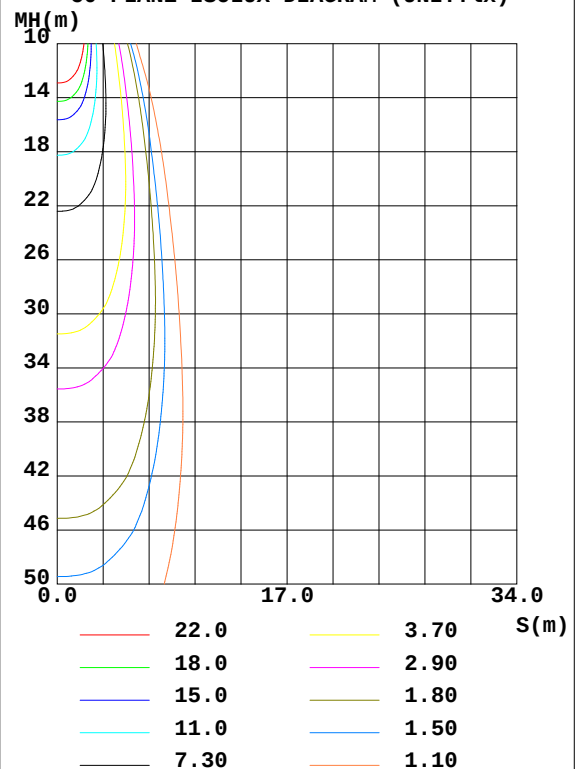
Test:U:48.00V I:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.86 lm/W			
MODEL TQ1-1510D-1203B8-H30A0		Imax(cd)	3667	S/MH(C0/180)	0.41
NOMINAL POWER(W)	8.4	LOR(%)	100.0	S/MH(C90/270)	0.45
RATED VOLTAGE(V)	36	TOTAL FLUX(lm)	908.17	η UP, DN(C0-180)	0.0, 50.5
NOMINAL FLUX(lm)	908.166	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.5
LAMPS INSIDE	1	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:2026-08-26

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	3481	3220	3090	3033	3351	3011	3051	3194	0- 5	80.13	80.13	8.82, 8.82
10	2626	2467	2546	2169	2406	2138	2465	2423	5- 10	196.3	276.4	30.4, 30.4
15	1453	1475	1597	1336	1268	1315	1552	1425	10- 15	219.9	496.3	54.6, 54.6
20	701.9	836.1	671.2	612.8	584.7	620.0	657.7	805.4	15- 20	165.6	661.9	72.9, 72.9
25	360.3	410.2	418.9	296.0	271.5	301.4	407.3	386.8	20- 25	102.6	764.5	84.2, 84.2
30	178.5	210.6	173.5	145.8	123.7	147.6	163.7	194.4	25- 30	63.86	828.4	91.2, 91.2
35	87.38	111.4	104.3	67.59	61.02	67.47	98.40	103.9	30- 35	35.85	864.2	95.2, 95.2
40	42.18	43.72	36.48	32.86	31.89	31.69	34.79	42.62	35- 40	20.25	884.4	97.4, 97.4
45	22.43	25.57	23.41	18.00	18.65	17.35	22.45	25.34	40- 45	10.70	895.1	98.6, 98.6
50	10.91	11.04	10.47	10.08	10.04	9.756	10.39	10.92	45- 50	6.418	901.6	99.3, 99.3
55	5.951	6.616	6.491	5.064	5.261	4.915	6.505	6.434	50- 55	3.505	905.1	99.7, 99.7
60	2.746	3.022	2.566	2.503	2.502	2.350	2.638	2.853	55- 60	1.947	907.0	99.9, 99.9
65	0.7851	1.186	1.320	0.8093	0.6252	0.7821	1.352	1.099	60- 65	0.8418	907.9	100, 100
70	0.0611	0.1527	0.0744	0.1301	0.1184	0.1324	0.0657	0.1349	65- 70	0.2497	908.1	100, 100
75	0.0240	0.0665	0.0394	0.0245	0.0657	0.0172	0.0328	0.0515	70- 75	0.0403	908.1	100, 100
80	0.0088	0.0262	0.0044	0.0044	0.0263	0	0	0.0175	75- 80	0.0131	908.2	100, 100
85	0.0088	0.0044	0.0044	0.0044	0.0001	0	0	0	80- 85	0.0037	908.2	100, 100
90	0.0088	0.0044	0.0044	0.0044	0.0000	0	0	0	85- 90	0.0015	908.2	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): 895.15 lm

%lum = 98.6%

%lamp = 98.6%

Conical surface Flux(120deg): 907.02 lm

%lum = 99.9%

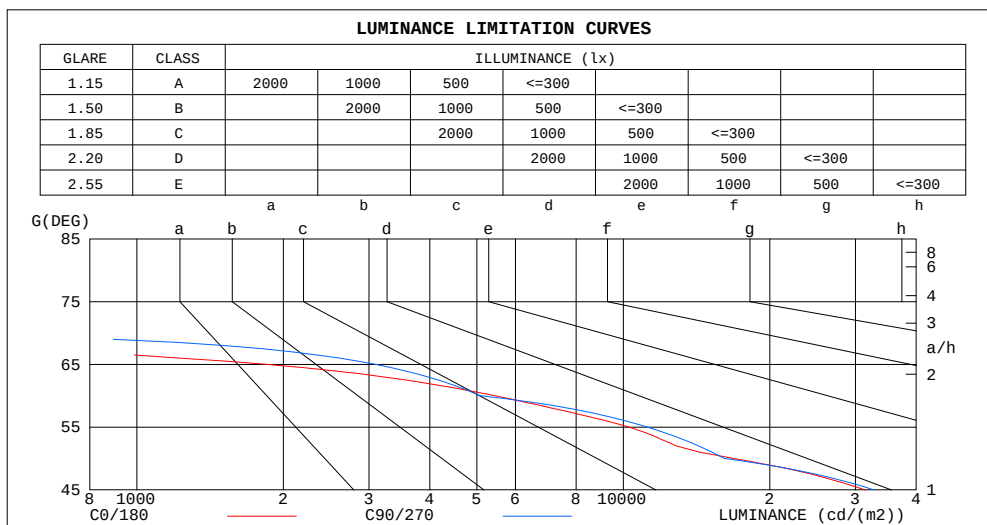
%lamp = 99.9%

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-08-26

$V(B)$ 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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
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SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	99	50
80	50	25
75	92	151
70	177	215
65	1839	3092
60	5438	5080
55	10272	11205
50	16812	16124
45	31411	32782

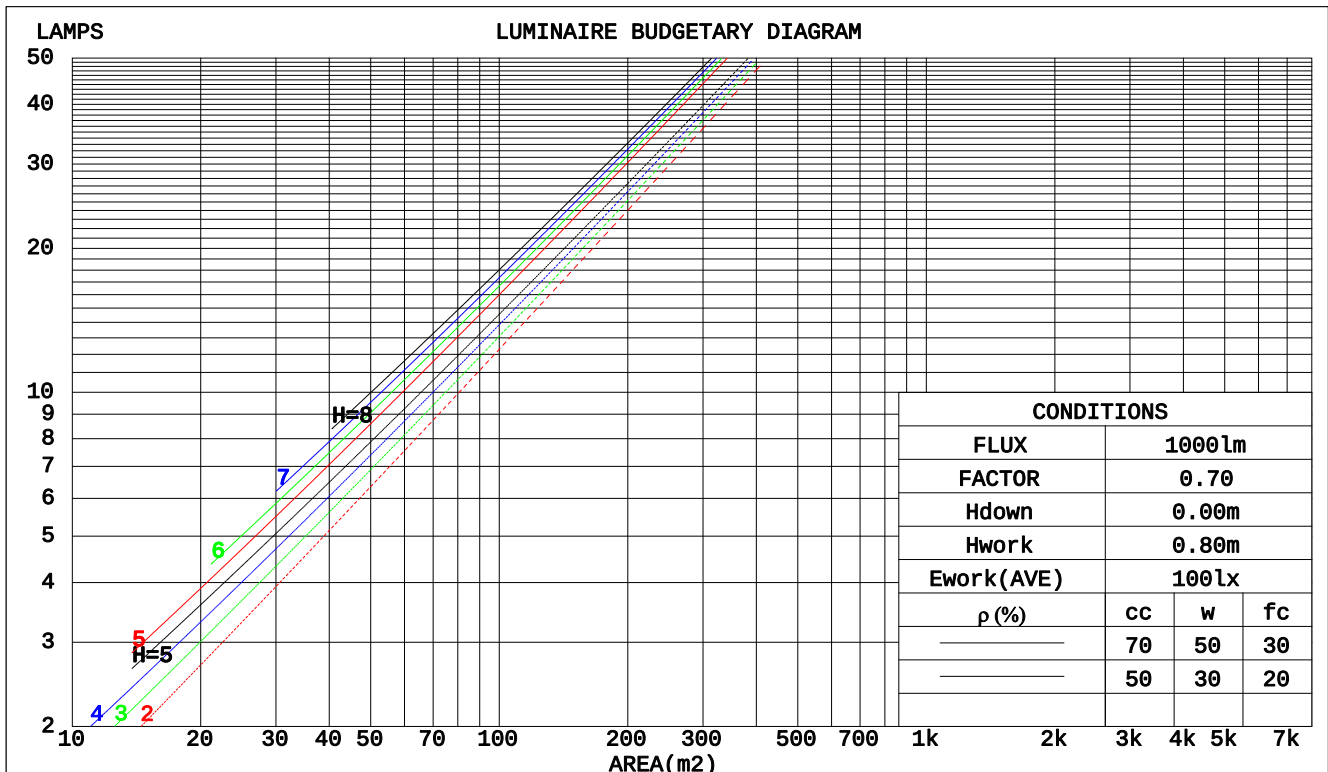
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Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	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	1.02	.99	1.02	.99	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.90	.87	.91	.88	.86	.85
5.0	.93	.89	.86	.93	.88	.85	.91	.87	.85	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.85	.82	.89	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.86	.82	.79	.86	.82	.79	.85	.81	.78	.84	.80	.78	.83	.80	.78	.76
8.0	.83	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.76	.73	.80	.76	.73	.79	.76	.73	.79	.75	.73	.78	.75	.73	.72
10.0	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.71	.76	.73	.70	.69



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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

Test:U:48.00V I:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm								
NAME: LED Pendant Light				TYPE:fixed			WEIGHT:244g	
SPEC.:9.5W				DIM.: D40*H300mm			SERIAL No.:GEN2026137.01	
MFR.: KOE Lighting Ltd.				SUR.:D36			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	.144	.082	.026	.137	.078	.025	.125	.072	.023	.113	.065	.021	.103	.060	.019	
2.0	.134	.074	.023	.129	.071	.022	.119	.066	.020	.109	.061	.019	.100	.057	.018	
3.0	.126	.067	.020	.121	.065	.020	.113	.061	.019	.105	.057	.018	.097	.054	.017	
4.0	.119	.062	.018	.115	.060	.018	.107	.057	.017	.101	.054	.016	.094	.051	.016	
5.0	.112	.057	.017	.109	.056	.016	.103	.053	.016	.097	.051	.015	.091	.049	.015	
6.0	.106	.053	.015	.103	.052	.015	.098	.050	.015	.093	.048	.014	.088	.046	.014	
7.0	.101	.050	.014	.099	.049	.014	.094	.048	.014	.090	.046	.013	.085	.044	.013	
8.0	.097	.047	.013	.094	.046	.013	.090	.045	.013	.086	.044	.013	.083	.042	.012	
9.0	.092	.045	.012	.090	.044	.012	.087	.043	.012	.083	.042	.012	.080	.041	.012	
10.0	.089	.042	.012	.087	.042	.012	.084	.041	.012	.081	.040	.011	.078	.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	.130	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.095	.117	.098	.082	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.125	.098	.078	.107	.085	.068	.074	.059	.048	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.099	.068	.047	.085	.059	.041	.059	.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	.087	.056	.035	.075	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.031	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm											
NAME: LED Pendant Light					TYPE:fixed			WEIGHT:244g			
SPEC.:9.5W					DIM.: D40*H300mm			SERIAL No.:GEN2026137.01			
MFR.: KOE Lighting Ltd.					SUR.:D36			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		17.2	17.9	17.4	18.1	18.3	17.3	18.0	17.5	18.2	18.3
3H		17.1	17.7	17.3	17.9	18.1	17.2	17.8	17.4	18.0	18.2
4H		17.0	17.6	17.3	17.8	18.1	17.1	17.7	17.3	17.9	18.1
6H		16.9	17.5	17.2	17.7	18.0	17.0	17.6	17.3	17.8	18.0
8H		16.9	17.4	17.2	17.7	17.9	16.9	17.5	17.2	17.8	18.0
12H		16.8	17.4	17.1	17.6	17.9	16.9	17.4	17.2	17.7	18.0
4H	2H	17.0	17.7	17.3	17.9	18.1	17.1	17.7	17.4	17.9	18.1
	3H	16.9	17.4	17.2	17.7	17.9	16.9	17.5	17.2	17.7	18.0
	4H	16.8	17.3	17.1	17.6	17.9	16.8	17.3	17.2	17.6	17.9
	6H	16.7	17.1	17.0	17.4	17.8	16.7	17.2	17.1	17.5	17.8
	8H	16.6	17.0	17.0	17.4	17.7	16.7	17.1	17.1	17.4	17.8
	12H	16.6	16.9	17.0	17.3	17.7	16.6	17.0	17.0	17.4	17.8
8H	4H	16.6	17.0	17.0	17.4	17.7	16.7	17.1	17.1	17.4	17.8
	6H	16.5	16.9	16.9	17.2	17.7	16.6	16.9	17.0	17.3	17.7
	8H	16.5	16.8	16.9	17.2	17.6	16.5	16.8	17.0	17.2	17.7
	12H	16.4	16.6	16.9	17.1	17.6	16.5	16.7	16.9	17.2	17.6
12H	4H	16.6	16.9	17.0	17.3	17.7	16.6	17.0	17.0	17.4	17.8
	6H	16.5	16.8	16.9	17.2	17.6	16.5	16.8	17.0	17.2	17.7
	8H	16.4	16.6	16.9	17.1	17.6	16.5	16.7	16.9	17.2	17.6
Variations with the observer position at spacings:											
S = 1.0H		+ 2.7 / - 8.7					+ 2.8 / - 8.7				
1.5H		+ 4.2 / - 6.0					+ 4.7 / - 6.2				
2.0H		+ 5.2 / - 7.7					+ 5.1 / - 9.0				

CIE Pub.117, 908.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)

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Temperature:25.3DEG
Operators:Judy
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V(B) Range:-90 - 90DEG
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Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

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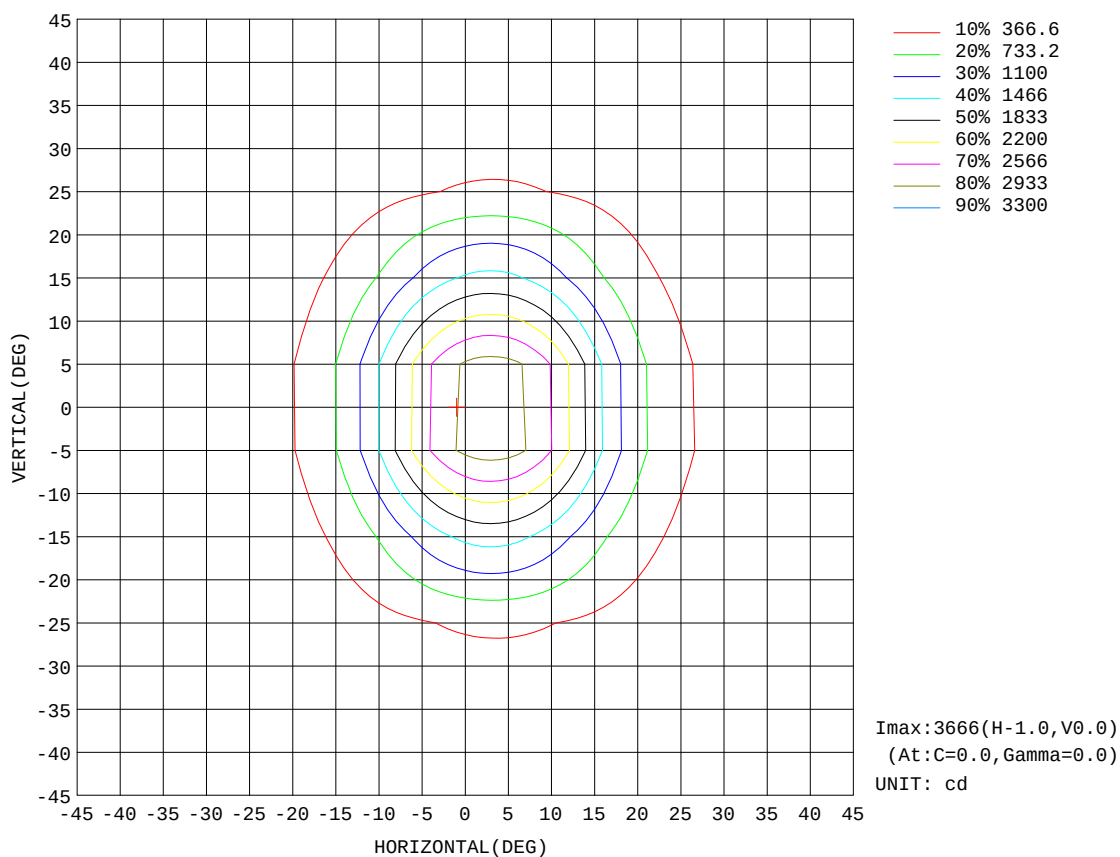
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	89	83	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	110	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	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

Test:U:48.00V I:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...

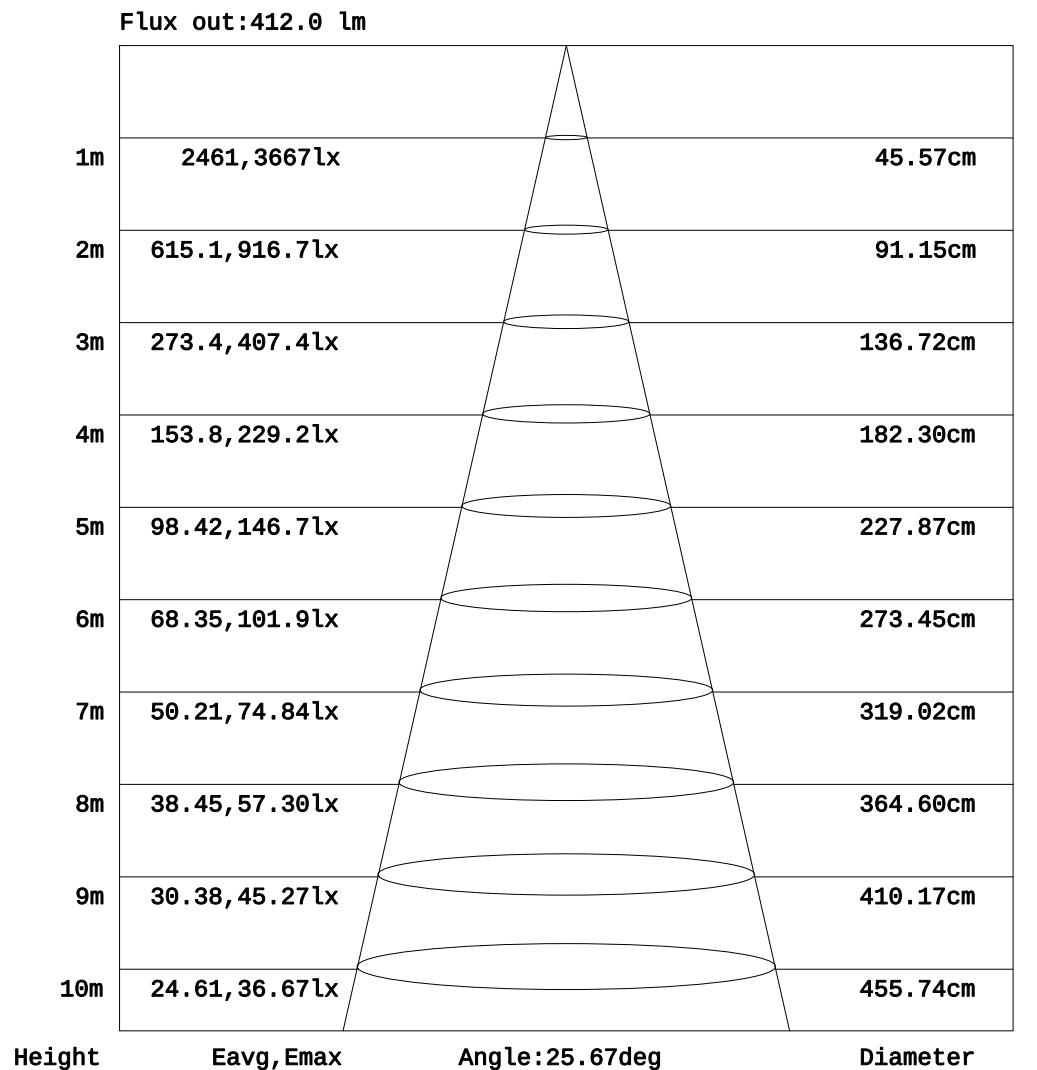


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...



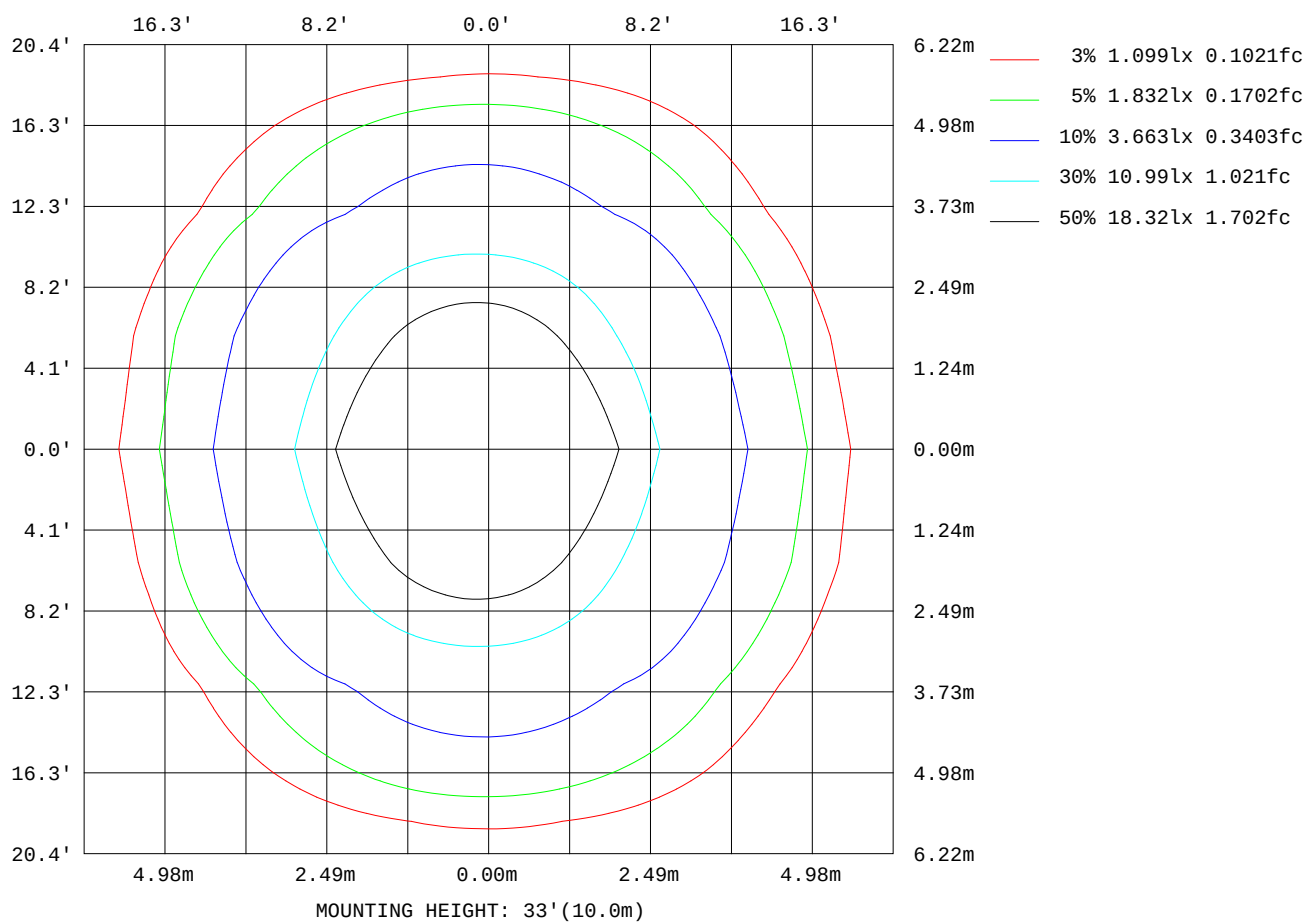
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...

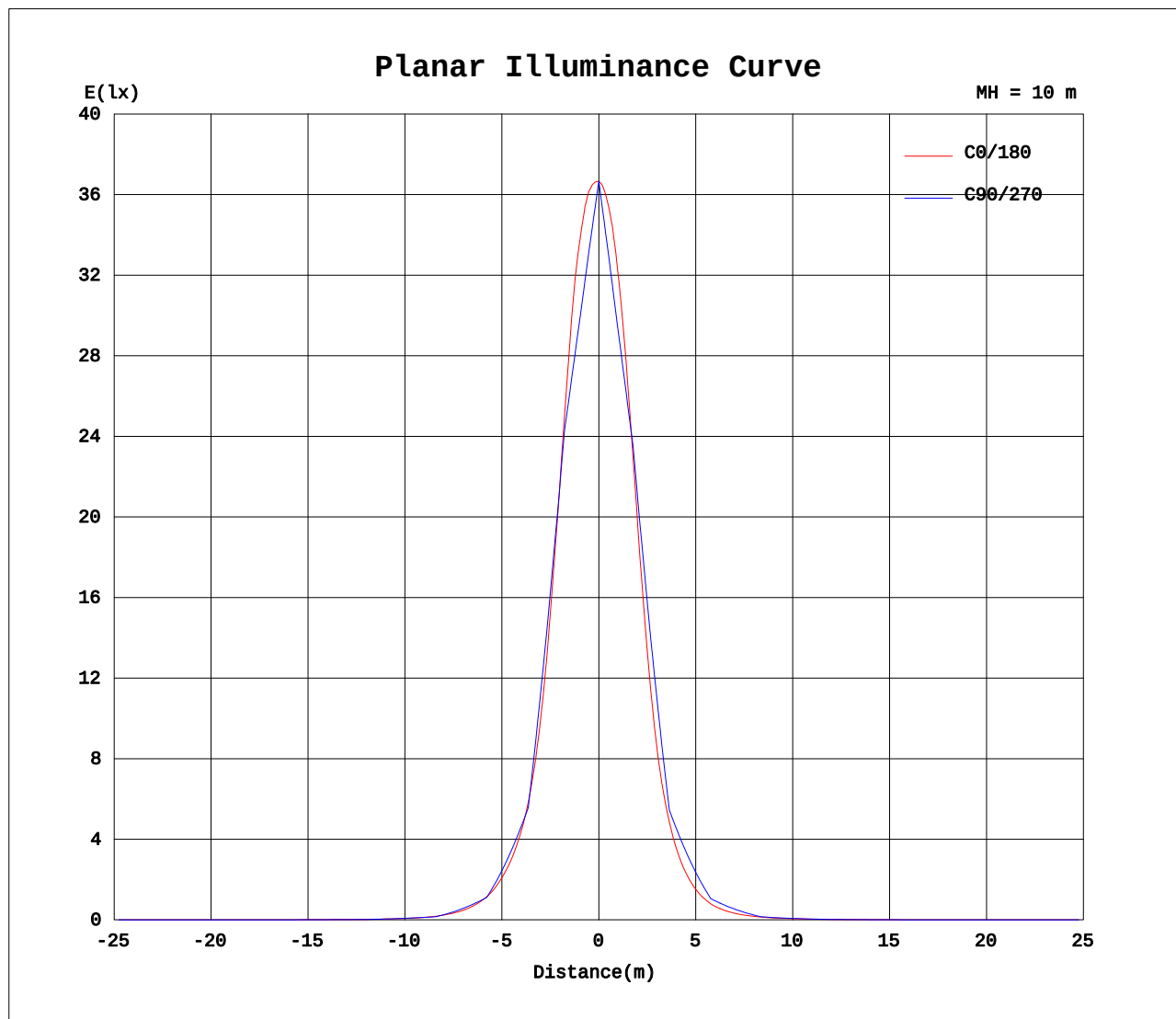
AvgL	cd/m2
L_0~180(65)av	1652
L_0~180(75)av	172
L_0~180(85)av	50
L_90~270(65)av	3130
L_90~270(75)av	138
L_90~270(85)av	25
L_45(65)av	2270
L_45(75)av	153
L_45(85)av	25

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:2026-08-26

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:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...

UNIT: cd

H(θ) Range:-90 - 90DEG
H(θ) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-08-26

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:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.00V I:0.1934A P:9.280W PF:1.000 Freq:0Hz Lamp Flux:908.166x1 lm		
NAME: LED Pendant Light	TYPE:fixed	WEIGHT:244g
SPEC.:9.5W	DIM.: D40*H300mm	SERIAL No.:GEN2026137.01
MFR.: KOE Lighting Ltd.	SUR.:D36	Shielding Angle:...

Table - -4

UNIT: cd

[illegible]

H(θ) Range:-90 - 90DEG
H(θ) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-08-26

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	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3641	3618	3595	3573	3551	3531	3513	3495	3478	3462
5.0	3481	3439	3400	3366	3334	3306	3282	3262	3240	3220
7.5	3160	3106	3063	3028	3001	2975	2954	2940	2929	2910
10.0	2626	2579	2548	2532	2528	2535	2542	2510	2483	2467
12.5	2022	1990	1979	1985	2008	2016	1984	1965	1956	1958
15.0	1453	1440	1449	1478	1503	1470	1447	1435	1432	1475
17.5	1011	1009	1025	1060	1049	1026	1007	1002	1056	1115
20.0	701.9	708.6	730.7	752.1	731.6	714.2	707.4	742.6	786.2	836.1
22.5	503.7	510.8	529.1	531.3	516.7	507.0	528.9	558.1	592.3	596.7
25.0	360.3	369.8	389.3	381.0	371.4	376.1	395.9	422.1	418.8	410.2
27.5	257.4	267.8	283.5	272.8	266.9	280.2	297.8	296.3	287.1	276.6
30.0	178.5	188.8	198.9	192.0	193.7	207.8	213.6	204.9	196.4	210.6
32.5	126.1	135.6	140.5	136.1	141.0	152.7	147.0	138.2	148.3	158.8
35.0	87.38	96.07	98.55	96.52	102.8	103.6	97.33	101.9	110.3	111.4
37.5	61.39	67.47	66.95	66.75	72.92	68.15	65.94	73.85	76.03	70.54
40.0	42.18	46.73	44.82	45.75	48.27	42.54	46.90	51.47	47.59	43.72
42.5	29.66	32.84	30.89	32.39	31.98	29.74	34.22	33.56	29.52	33.63
45.0	22.43	24.53	22.78	24.27	22.52	22.90	24.20	22.12	23.09	25.57
47.5	16.61	18.38	17.05	17.96	16.35	17.71	16.93	17.06	17.71	17.56
50.0	10.91	12.53	11.71	11.93	11.70	12.07	11.56	13.12	12.09	11.04
52.5	7.640	8.244	8.167	7.997	8.488	8.173	8.508	9.423	7.737	8.587
55.0	5.951	6.338	6.451	6.011	6.345	6.131	6.347	6.259	6.233	6.616
57.5	4.153	4.476	4.798	4.485	4.503	4.692	4.405	4.549	4.819	4.570
60.0	2.746	2.983	3.137	3.216	2.974	3.229	2.912	3.328	3.181	3.922
62.5	1.668	1.798	1.817	1.998	1.971	1.774	1.994	1.960	1.891	2.099
65.0	0.7851	0.8910	0.8092	0.9062	1.049	0.9472	1.064	0.9542	1.214	1.186
67.5	0.2309	0.3265	0.3257	0.3414	0.2548	0.4919	0.3000	0.5678	0.5633	0.2987
70.0	0.0611	0.1217	0.1306	0.1398	0.1026	0.1400	0.1745	0.2256	0.0677	0.1527
72.5	0.0339	0.0654	0.0758	0.0379	0.0690	0.0699	0.0777	0.0446	0.0626	0.1096
75.0	0.0240	0.0315	0.0503	0.0334	0.0517	0.0281	0.0392	0.0460	0.0563	0.0665
77.5	0.0088	0.0148	0.0114	0.0441	0.0184	0.0151	0.0400	0.0477	0.0473	0.0444
80.0	0.0088	0.0279	0.0162	0.0196	0.0084	0.0285	0.0375	0.0354	0.0300	0.0262
82.5	0.0088	0.0208	0.0196	0.0080	0.0243	0.0249	0.0210	0.0172	0.0118	0.0073
85.0	0.0088	0.0097	0.0071	0.0214	0.0145	0.0092	0.0044	0.0044	0.0044	0.0044
87.5	0.0088	0.0049	0.0116	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
90.0	0.0088	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3446	3433	3421	3412	3402	3393	3386	3381	3378	3373
5.0	3202	3185	3167	3153	3138	3124	3113	3099	3090	3072
7.5	2890	2873	2861	2852	2844	2840	2833	2825	2818	2800
10.0	2460	2465	2478	2493	2509	2526	2540	2546	2546	2534
12.5	1969	1997	2034	2061	2080	2089	2089	2083	2071	2052
15.0	1529	1574	1611	1638	1652	1650	1638	1618	1597	1565
17.5	1169	1216	1235	1230	1218	1197	1176	1152	1134	1115
20.0	866.5	866.3	852.7	824.2	788.3	749.2	712.0	685.5	671.2	670.8
22.5	591.0	569.5	527.3	522.8	536.8	547.7	552.4	551.7	545.1	534.6
25.0	387.9	390.9	405.7	418.9	428.2	433.6	433.4	427.8	418.9	407.3
27.5	294.3	307.4	317.7	323.0	320.6	316.3	310.2	303.3	296.2	289.2
30.0	226.1	233.9	230.1	222.7	212.0	199.3	187.5	178.6	173.5	173.0
32.5	163.5	159.1	147.7	131.5	135.8	139.0	140.6	140.9	138.9	135.5
35.0	105.9	94.69	99.22	104.1	106.8	108.0	107.9	106.7	104.3	101.1
37.5	64.89	71.71	76.73	79.16	78.25	76.38	74.12	72.17	70.38	68.96
40.0	49.97	54.68	55.57	53.18	49.13	44.62	40.40	37.55	36.48	37.14
42.5	38.04	38.06	35.08	29.09	27.84	28.87	29.57	29.97	29.94	29.45
45.0	26.02	23.66	21.86	22.14	22.59	23.19	23.54	23.64	23.41	22.86
47.5	16.48	17.40	17.69	17.57	17.39	17.35	17.29	17.18	16.94	16.63
50.0	12.98	13.87	13.62	12.82	12.00	11.42	11.04	10.73	10.47	10.44
52.5	10.15	10.20	9.469	8.236	7.869	8.084	8.420	8.509	8.480	8.291
55.0	7.033	6.646	6.486	6.408	6.292	6.394	6.562	6.606	6.491	6.325
57.5	4.455	4.862	5.005	4.885	4.693	4.653	4.654	4.617	4.528	4.447
60.0	3.286	3.541	3.488	3.267	3.042	2.892	2.742	2.627	2.566	2.581
62.5	2.162	2.101	1.925	1.709	1.846	1.923	1.946	1.956	1.943	1.914
65.0	0.9881	0.8596	1.121	1.263	1.336	1.362	1.351	1.339	1.320	1.294
67.5	0.4013	0.6139	0.7757	0.8306	0.8238	0.7914	0.7466	0.7156	0.6972	0.6918
70.0	0.2793	0.3830	0.4198	0.3798	0.3043	0.2182	0.1421	0.0919	0.0744	0.0913
72.5	0.1510	0.1476	0.0751	0.0687	0.0643	0.0610	0.0587	0.0574	0.0569	0.0578
75.0	0.0599	0.0569	0.0548	0.0497	0.0458	0.0429	0.0409	0.0398	0.0394	0.0407
77.5	0.0413	0.0380	0.0349	0.0306	0.0273	0.0249	0.0232	0.0222	0.0219	0.0227
80.0	0.0222	0.0183	0.0149	0.0115	0.0088	0.0068	0.0054	0.0046	0.0044	0.0046
82.5	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
85.0	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044

H(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-08-26

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	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
90.0	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3369	3369	3370	3373	3375	3380	3388	3398	3411	3426
5.0	3059	3046	3036	3030	3024	3026	3028	3033	3047	3065
7.5	2780	2758	2732	2706	2676	2645	2614	2584	2567	2577
10.0	2507	2473	2434	2390	2340	2283	2225	2169	2114	2065
12.5	2028	2005	1982	1955	1927	1897	1839	1756	1678	1606
15.0	1539	1513	1486	1456	1426	1395	1365	1336	1296	1213
17.5	1101	1082	1059	1027	987.0	961.3	944.2	925.8	907.9	892.2
20.0	680.0	692.5	700.3	698.6	686.0	663.7	631.5	612.8	600.9	606.2
22.5	520.2	502.0	481.8	459.9	450.8	453.0	440.7	420.6	399.2	405.0
25.0	393.7	378.7	362.9	348.0	332.9	316.6	304.9	296.0	280.5	264.6
27.5	281.4	271.9	260.5	248.0	238.0	229.1	218.9	208.0	198.0	184.9
30.0	174.9	176.5	176.7	173.4	167.2	157.3	151.5	145.8	139.4	130.2
32.5	130.3	124.1	117.1	109.3	112.3	109.5	103.2	98.40	96.64	93.74
35.0	97.12	92.99	88.31	83.31	77.59	71.90	71.36	67.59	64.72	64.84
37.5	67.26	65.41	62.73	59.64	56.66	52.96	48.77	47.06	44.73	44.13
40.0	38.72	40.60	41.74	41.69	40.10	38.01	35.88	32.86	32.01	31.06
42.5	28.54	27.47	26.30	26.28	28.01	27.72	25.65	24.46	23.51	23.56
45.0	22.15	21.38	20.68	20.11	19.74	20.01	19.58	18.00	17.91	18.49
47.5	16.23	15.80	15.45	15.29	15.34	15.24	14.89	13.84	13.07	14.11
50.0	10.49	10.63	10.87	11.17	11.37	11.39	11.12	10.08	9.727	10.08
52.5	7.942	7.557	7.295	7.351	7.975	8.210	7.759	7.160	6.949	7.149
55.0	6.068	5.807	5.666	5.592	5.464	5.459	5.499	5.064	5.216	5.274
57.5	4.318	4.184	4.114	4.078	4.020	3.876	3.729	3.709	3.592	3.717
60.0	2.607	2.642	2.690	2.737	2.708	2.594	2.573	2.503	2.389	2.277
62.5	1.846	1.755	1.636	1.484	1.548	1.551	1.542	1.555	1.408	1.301
65.0	1.256	1.204	1.139	1.049	0.9022	0.6613	0.6991	0.8093	0.7730	0.5801
67.5	0.6889	0.6827	0.6733	0.6395	0.5608	0.4168	0.2630	0.2456	0.3629	0.2613
70.0	0.1302	0.1781	0.2390	0.2853	0.2871	0.2247	0.1531	0.1301	0.1221	0.1268
72.5	0.0533	0.0416	0.0418	0.0446	0.0486	0.0896	0.0803	0.0726	0.0683	0.0738
75.0	0.0368	0.0287	0.0303	0.0327	0.0359	0.0355	0.0306	0.0245	0.0290	0.0416
77.5	0.0210	0.0172	0.0187	0.0208	0.0235	0.0213	0.0204	0.0079	0.0044	0.0125
80.0	0.0053	0.0059	0.0071	0.0088	0.0110	0.0112	0.0111	0.0044	0.0044	0.0044
82.5	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
85.0	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
87.5	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
90.0	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3441	3459	3479	3501	3526	3551	3579	3550	3523	3497
5.0	3086	3114	3150	3191	3239	3293	3351	3290	3234	3184
7.5	2596	2628	2671	2723	2787	2863	2951	2861	2782	2715
10.0	2021	2045	2086	2142	2213	2301	2406	2299	2209	2136
12.5	1543	1491	1502	1552	1619	1702	1806	1702	1619	1551
15.0	1140	1080	1032	1061	1114	1182	1268	1184	1118	1066
17.5	832.9	772.7	725.4	704.4	743.9	794.2	857.8	796.8	749.2	712.3
20.0	603.7	560.5	517.8	485.0	502.6	538.2	584.7	540.7	507.8	493.6
22.5	408.9	411.7	372.0	341.6	337.2	364.5	399.9	367.2	342.6	349.2
25.0	272.4	278.2	265.2	236.4	223.9	244.6	271.5	247.0	229.0	245.0
27.5	174.7	179.8	184.4	164.4	149.5	164.0	184.2	165.8	153.3	171.5
30.0	119.2	116.9	121.1	114.4	103.4	109.7	123.7	111.0	106.2	119.6
32.5	85.16	76.90	80.80	81.67	73.45	76.19	86.59	77.34	76.05	85.79
35.0	62.29	55.84	55.22	58.82	53.47	53.65	61.02	54.15	55.08	62.07
37.5	44.71	41.60	38.35	41.56	39.60	38.51	44.02	38.50	39.97	42.49
40.0	31.69	31.34	28.50	29.75	29.39	27.78	31.89	27.70	29.25	29.53
42.5	22.65	23.36	22.22	21.89	22.61	21.08	23.65	20.95	22.44	21.54
45.0	17.61	17.55	18.17	16.84	18.36	16.61	18.65	16.43	18.01	16.40
47.5	13.84	12.68	14.39	12.70	14.01	12.47	14.54	12.29	13.66	12.28
50.0	9.964	9.223	9.816	8.981	9.384	8.408	10.04	8.287	9.111	8.639
52.5	6.700	6.835	6.451	6.699	6.457	6.288	6.908	6.211	6.307	6.488
55.0	4.841	5.132	4.760	5.282	4.708	4.777	5.261	4.710	4.587	5.123
57.5	3.614	3.445	3.517	3.565	3.207	3.424	3.744	3.350	3.098	3.428
60.0	2.454	2.180	2.359	2.111	2.146	2.293	2.502	2.237	2.093	2.050
62.5	1.317	1.321	1.197	1.103	1.267	1.311	1.451	1.318	1.286	1.133
65.0	0.5740	0.6229	0.4794	0.4748	0.5828	0.5233	0.6252	0.5503	0.6388	0.5412
67.5	0.1594	0.2020	0.2000	0.1480	0.1731	0.1380	0.2135	0.1399	0.1801	0.1620
70.0	0.0993	0.0724	0.1035	0.0765	0.0721	0.0681	0.1184	0.0657	0.0744	0.0732
72.5	0.0774	0.0516	0.0554	0.0755	0.0365	0.0557	0.0811	0.0537	0.0458	0.0698
75.0	0.0582	0.0530	0.0376	0.0393	0.0235	0.0508	0.0657	0.0515	0.0263	0.0378
77.5	0.0277	0.0413	0.0377	0.0032	0.0357	0.0403	0.0450	0.0401	0.0335	0.0032

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-08-26

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	0.0044	0.0164	0.0298	0.0179	0.0188	0.0124	0.0263	0.0124	0.0173	0.0141
82.5	0.0044	0.0044	0.0076	0.0216	0.0062	0.0062	0.0153	0.0054	0.0040	0.0166
85.0	0.0044	0.0044	0.0044	0.0044	0.0156	0.0089	0.0001	0.0057	0.0084	0
87.5	0.0044	0.0044	0.0044	0.0044	0.0044	0.0088	0	0.0016	0	0
90.0	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0000	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	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3473	3452	3433	3416	3400	3386	3375	3366	3360	3357
5.0	3140	3102	3071	3047	3027	3011	3003	2999	2996	2999
7.5	2661	2615	2580	2557	2542	2555	2580	2606	2634	2661
10.0	2078	2034	2007	2046	2089	2138	2186	2236	2286	2332
12.5	1499	1486	1533	1590	1656	1727	1802	1851	1877	1902
15.0	1038	1084	1139	1206	1280	1315	1342	1370	1397	1423
17.5	735.7	784.2	843.8	899.9	909.5	921.9	935.6	949.0	973.8	1010
20.0	529.4	575.1	620.5	619.8	620.3	620.0	634.4	661.0	680.6	692.2
22.5	382.5	427.4	422.9	417.1	409.2	428.8	446.0	455.0	449.7	460.0
25.0	276.9	289.6	281.7	272.4	288.5	301.4	308.7	318.8	333.0	345.9
27.5	195.1	189.3	182.6	190.7	202.2	211.7	221.0	230.3	237.7	245.5
30.0	127.7	122.8	124.3	134.2	141.3	147.6	153.1	157.2	165.5	169.7
32.5	84.68	80.18	88.33	96.03	98.23	98.87	103.1	108.6	109.2	104.1
35.0	57.62	57.82	64.26	66.37	65.49	67.47	70.25	70.05	74.59	79.56
37.5	38.73	42.00	45.28	44.66	44.81	46.19	47.04	51.45	54.88	57.18
40.0	28.01	30.61	31.19	30.64	31.34	31.69	34.63	36.83	39.01	40.07
42.5	21.63	22.56	21.81	22.76	22.53	23.58	24.83	26.88	27.24	25.32
45.0	17.56	16.86	16.86	17.69	17.16	17.35	19.00	19.54	19.29	19.57
47.5	13.84	12.14	13.12	13.49	12.58	13.37	14.48	14.99	15.14	15.11
50.0	9.401	8.825	9.406	9.608	9.434	9.756	10.86	11.24	11.38	11.26
52.5	6.198	6.570	6.372	6.851	6.841	6.946	7.567	8.179	8.175	7.676
55.0	4.590	4.942	4.640	5.075	5.094	4.915	5.369	5.552	5.712	5.856
57.5	3.364	3.303	3.442	3.566	3.465	3.553	3.641	3.919	4.152	4.244
60.0	2.262	2.097	2.331	2.195	2.286	2.350	2.493	2.594	2.759	2.816
62.5	1.203	1.310	1.284	1.284	1.360	1.470	1.495	1.555	1.543	1.482
65.0	0.5227	0.6557	0.5941	0.6195	0.7642	0.7821	0.7054	0.6874	0.8861	1.047
67.5	0.2102	0.2246	0.1729	0.2936	0.3627	0.2544	0.2907	0.4412	0.5574	0.6393
70.0	0.0920	0.0635	0.0901	0.1335	0.1153	0.1324	0.1667	0.2412	0.2897	0.2901
72.5	0.0364	0.0412	0.0662	0.0683	0.0608	0.0691	0.0833	0.0951	0.0530	0.0523
75.0	0.0162	0.0437	0.0514	0.0358	0.0231	0.0172	0.0249	0.0388	0.0372	0.0368
77.5	0.0253	0.0346	0.0219	0.0076	0	0.0028	0.0137	0.0236	0.0217	0.0213
80.0	0.0242	0.0115	0	0	0	0	0.0059	0.0095	0.0074	0.0057
82.5	0.0033	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	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3353	3351	3351	3354	3359	3362	3367	3374	3383	3393
5.0	3003	3011	3023	3034	3051	3060	3073	3086	3100	3117
7.5	2683	2706	2725	2742	2758	2765	2774	2785	2792	2804
10.0	2372	2405	2434	2457	2465	2467	2465	2457	2443	2428
12.5	1928	1951	1971	1993	2008	2019	2028	2029	2018	1999
15.0	1449	1475	1499	1524	1552	1571	1590	1603	1601	1587
17.5	1038	1059	1076	1087	1105	1119	1141	1160	1177	1190
20.0	690.5	682.8	668.8	658.0	657.7	666.0	690.3	721.8	759.3	794.2
22.5	477.2	495.2	511.5	523.3	532.5	535.3	534.5	525.6	515.3	498.3
25.0	359.6	371.7	385.4	397.0	407.3	414.8	418.3	415.8	410.6	398.9
27.5	255.8	264.6	272.4	279.3	285.5	291.9	298.3	302.9	307.2	307.7
30.0	170.3	168.1	164.8	163.1	163.7	169.2	179.0	190.9	202.4	212.5
32.5	110.6	116.3	122.0	127.3	131.0	133.4	134.1	133.2	130.0	126.0
35.0	83.69	87.37	91.10	94.93	98.40	101.3	103.0	103.6	102.6	100.4
37.5	59.62	61.65	63.12	64.76	66.60	68.76	71.11	73.72	75.72	76.79
40.0	39.60	38.21	36.32	34.98	34.79	36.20	39.28	43.65	48.26	52.23
42.5	24.97	25.93	26.88	27.89	28.62	28.97	28.91	28.62	28.08	29.39
45.0	19.89	20.38	21.06	21.84	22.45	22.90	23.01	22.99	22.77	22.48
47.5	15.12	15.28	15.70	16.10	16.42	16.74	16.94	17.22	17.49	17.77
50.0	10.87	10.56	10.49	10.42	10.39	10.58	10.85	11.34	12.01	12.85
52.5	7.503	7.670	8.035	8.316	8.449	8.482	8.300	8.034	7.809	8.059
55.0	5.861	5.923	6.155	6.378	6.505	6.567	6.494	6.357	6.235	6.224
57.5	4.272	4.291	4.404	4.516	4.571	4.616	4.628	4.624	4.642	4.737
60.0	2.776	2.728	2.696	2.663	2.638	2.665	2.758	2.870	2.988	3.138
62.5	1.671	1.817	1.915	1.974	1.995	1.985	1.963	1.904	1.790	1.614
65.0	1.161	1.244	1.299	1.333	1.352	1.357	1.361	1.347	1.295	1.191
67.5	0.6863	0.7055	0.7098	0.7072	0.7087	0.7199	0.7477	0.7795	0.7964	0.7820
70.0	0.2485	0.1865	0.1276	0.0832	0.0657	0.0835	0.1343	0.2086	0.2891	0.3542

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-08-26

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	0.0487	0.0460	0.0475	0.0497	0.0493	0.0497	0.0509	0.0530	0.0561	0.0603
75.0	0.0337	0.0313	0.0307	0.0332	0.0328	0.0332	0.0343	0.0361	0.0388	0.0425
77.5	0.0186	0.0167	0.0156	0.0167	0.0164	0.0167	0.0176	0.0192	0.0215	0.0246
80.0	0.0036	0.0020	0.0009	0.0002	0	0.0002	0.0010	0.0023	0.0041	0.0066
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	3667	3667	3667	3667	3667	3667	3667	3667	3667	3667
2.5	3404	3417	3431	3447	3465	3484	3503	3523	3545	3568
5.0	3134	3155	3174	3194	3218	3242	3265	3291	3322	3356
7.5	2815	2830	2849	2872	2895	2910	2929	2954	2985	3016
10.0	2417	2409	2410	2423	2444	2476	2514	2511	2509	2517
12.5	1973	1939	1915	1909	1912	1926	1951	1988	1985	1968
15.0	1561	1526	1480	1425	1383	1395	1415	1446	1484	1464
17.5	1196	1174	1127	1074	1021	972.5	982.4	1007	1034	1049
20.0	820.0	832.3	831.4	805.4	759.3	718.6	683.6	692.3	713.7	738.5
22.5	592.0	542.5	563.8	570.9	568.5	533.9	504.2	483.8	499.0	518.1
25.0	385.3	368.0	363.4	386.8	395.3	398.4	374.8	356.0	352.4	366.4
27.5	301.6	288.9	274.1	254.6	266.6	277.0	278.6	259.8	245.8	257.2
30.0	218.6	220.3	210.7	194.4	179.2	187.4	195.5	189.8	177.0	178.1
32.5	141.3	150.6	152.9	147.3	135.0	124.0	133.0	138.7	128.3	124.6
35.0	95.84	91.37	100.6	103.9	100.7	92.15	88.33	94.80	93.58	87.46
37.5	74.52	69.68	63.23	66.80	70.39	67.90	61.77	63.90	67.71	62.85
40.0	54.43	53.45	48.79	42.62	45.49	48.81	45.48	42.14	46.95	44.89
42.5	34.86	37.58	37.33	33.07	29.67	33.29	34.23	30.37	32.31	32.53
45.0	22.08	23.75	25.74	25.34	23.43	22.71	24.74	23.61	23.15	24.57
47.5	17.76	17.45	16.53	17.49	17.95	17.51	17.43	18.27	16.91	18.28
50.0	13.53	13.75	12.89	10.92	12.18	13.40	11.85	12.40	12.01	12.11
52.5	9.185	9.929	9.953	8.419	7.643	9.471	8.599	8.284	8.591	8.062
55.0	6.118	6.266	6.775	6.434	6.099	6.128	6.318	6.062	6.304	5.953
57.5	4.708	4.529	4.194	4.402	4.661	4.373	4.295	4.557	4.358	4.359
60.0	3.266	3.295	3.090	2.853	3.002	3.164	2.754	3.073	2.808	3.065
62.5	1.781	1.949	2.025	1.966	1.738	1.841	1.870	1.659	1.852	1.898
65.0	1.025	0.7913	0.9081	1.099	1.115	0.8838	1.014	0.9030	1.009	0.8891
67.5	0.7101	0.5642	0.3519	0.2683	0.5258	0.5301	0.3268	0.4813	0.2784	0.3636
70.0	0.3818	0.3508	0.2454	0.1349	0.0751	0.2124	0.1866	0.1531	0.1131	0.1464
72.5	0.0663	0.1331	0.1300	0.0936	0.0603	0.0422	0.0679	0.0687	0.0723	0.0381
75.0	0.0472	0.0499	0.0503	0.0515	0.0471	0.0391	0.0197	0.0210	0.0495	0.0317
77.5	0.0286	0.0315	0.0334	0.0326	0.0356	0.0355	0.0251	0.0064	0.0170	0.0346
80.0	0.0099	0.0132	0.0160	0.0175	0.0210	0.0241	0.0289	0.0166	0.0048	0.0149
82.5	0	0	0	0.0024	0.0062	0.0101	0.0146	0.0100	0.0157	0.0053
85.0	0	0	0	0	0	0	0	0.0037	0.0076	0.0132
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	3667	3667								
2.5	3591	3616								
5.0	3394	3436								
7.5	3054	3102								
10.0	2539	2574								
12.5	1967	1985								
15.0	1441	1436								
17.5	1018	1005								
20.0	721.5	704.0								
22.5	520.4	506.5								
25.0	379.5	364.9								
27.5	272.8	262.6								
30.0	189.8	184.2								
32.5	132.8	131.7								
35.0	92.67	93.01								
37.5	64.47	66.10								
40.0	44.36	46.45								
42.5	30.84	32.81								
45.0	22.89	24.57								
47.5	17.20	18.45								
50.0	11.79	12.56								
52.5	8.180	8.242								
55.0	6.406	6.313								
57.5	4.706	4.441								
60.0	3.027	2.918								
62.5	1.732	1.741								

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-08-26

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:

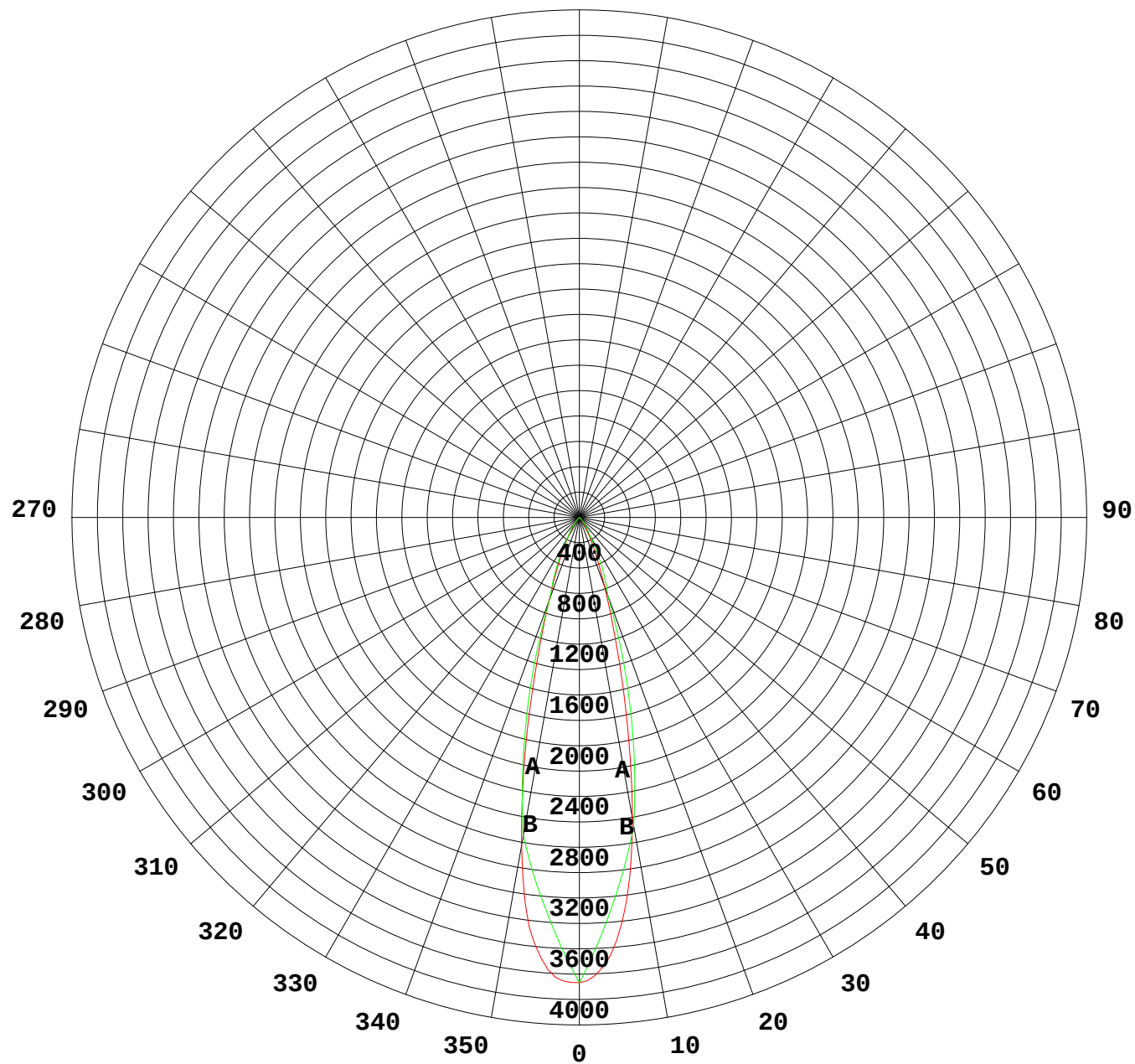
Photometric Data Table [cd]

65.0	0.8812	0.8880
67.5	0.3367	0.3318
70.0	0.1332	0.1234
72.5	0.0754	0.0668
75.0	0.0503	0.0306
77.5	0.0118	0.0112
80.0	0.0142	0.0254
82.5	0.0174	0.0208
85.0	0.0030	0.0086
87.5	0.0036	0.0016
90.0	0	0

H(B) Range:-90 - 90DEG
 H(B) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-08-26

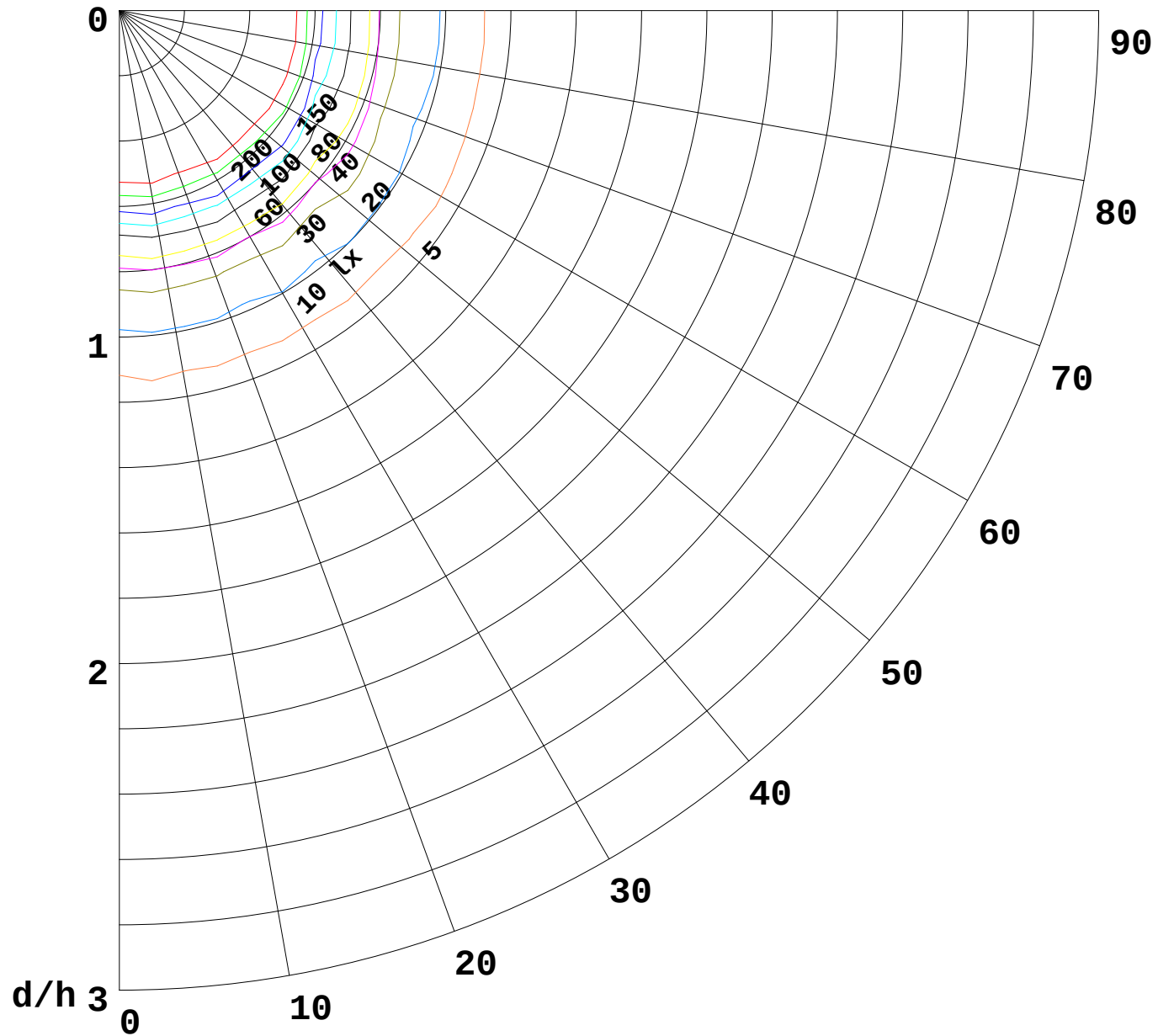
V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

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

