

TEST REPORT

Report reference No.....	GEN2026132.01								
Product.....	LED Grille Light								
Family Name.....	M20								
Trademark.....									
Manufacturer.....	KOE Lighting Ltd.								
Address.....	25, Hejing Rd., Dongsha, Liwan District, Guangzhou, China								
Testing Laboratory.....	KOE Lab								
Model list: M20GR-TB12S1 SBK 3000K[CRI90] N24D (LP400-12-48V)									
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	10	12	800	770	F	3090	50000	3000K	24
Power supply	LP400-12-48V								
Light model	LED CH-1522-0 214X16MM 4C3B OSRAM 2835,9V 100mA 1W, 3000K<CRI90>,1060LM								

Light Output Ratio:	75%	
Luminaire Power:	10.08W	
SUR.:	0.003468 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:2026-01-20

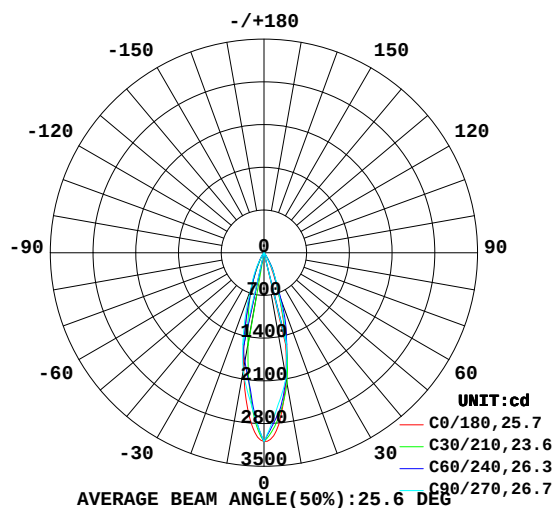
V(B) Range: -90 - 90DEG
V(B) Interval:5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.880m [K=1.0000]

LUMINAIRE PHOTOMETRIC TEST REPORT

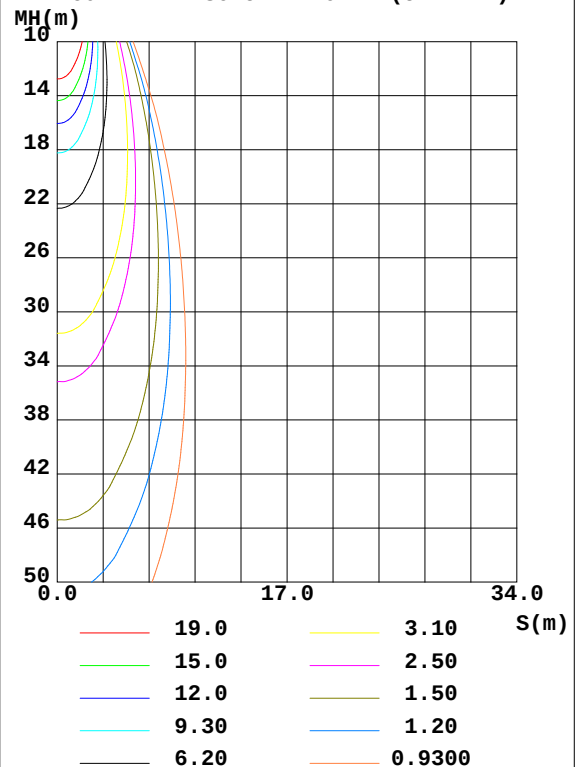
Test:U:48.00V I:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Grille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L223*W22.5*H105mm	SERIAL No.:GEN2026132.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.79 lm/W			
MODEL: H-1522-0	214X16MM 2835	I _{max} (cd)	3093	S/MH(C0/180)	0.42
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	36	TOTAL FLUX(lm)	774.05	η UP, DN(C0-180)	0.0, 51.2
NOMINAL FLUX(lm)	64.5044	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 48.8
LAMPS INSIDE	12	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:2026-01-20

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
10	2075	2097	2086	1736	1929	1658	1969	2029	0- 10	224.3	224.3	29,29
20	685.7	862.8	693.0	592.3	601.4	534.5	619.4	808.7	10- 20	337.3	561.6	72.6,72.6
30	122.3	190.1	107.0	164.0	117.7	142.3	125.8	174.8	20- 30	160.7	722.4	93.3,93.3
40	13.68	26.81	14.68	26.77	14.35	25.69	15.85	27.33	30- 40	41.63	764.0	98.7,98.7
50	3.084	3.875	3.718	4.039	3.275	3.968	4.254	4.354	40- 50	7.922	771.9	99.7,99.7
60	0.2843	0.8445	0.3669	0.8104	0.5178	0.8767	0.4516	1.127	50- 60	1.916	773.8	100,100
70	0.0081	0	0	0.0204	0.0444	0.0229	0	0.0018	60- 70	0.2078	774.0	100,100
80	0.0081	0	0	0	0.0242	0	0	0.0016	70- 80	0.0077	774.1	100,100
90	0.0081	0	0	0	0	0	0	0	80- 90	0.0012	774.1	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): 769.35 lm

%lum = 99.4%

%lamp = 99.4%

Conical surface Flux(120deg): 773.84 lm

%lum = 100.0%

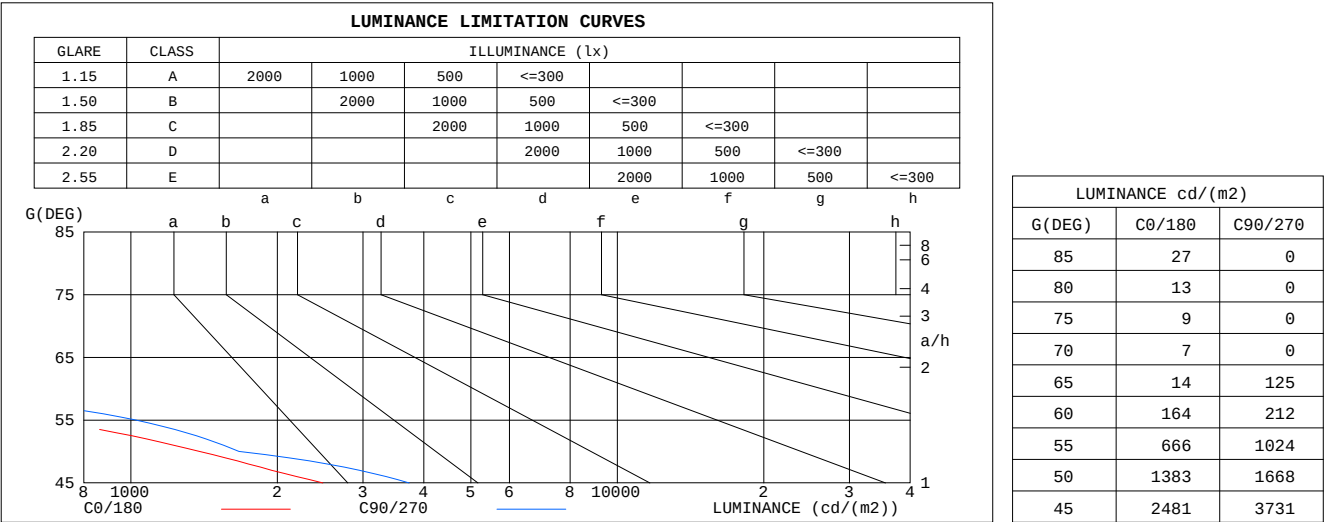
%lamp = 100.0%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-01-20

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Grille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...



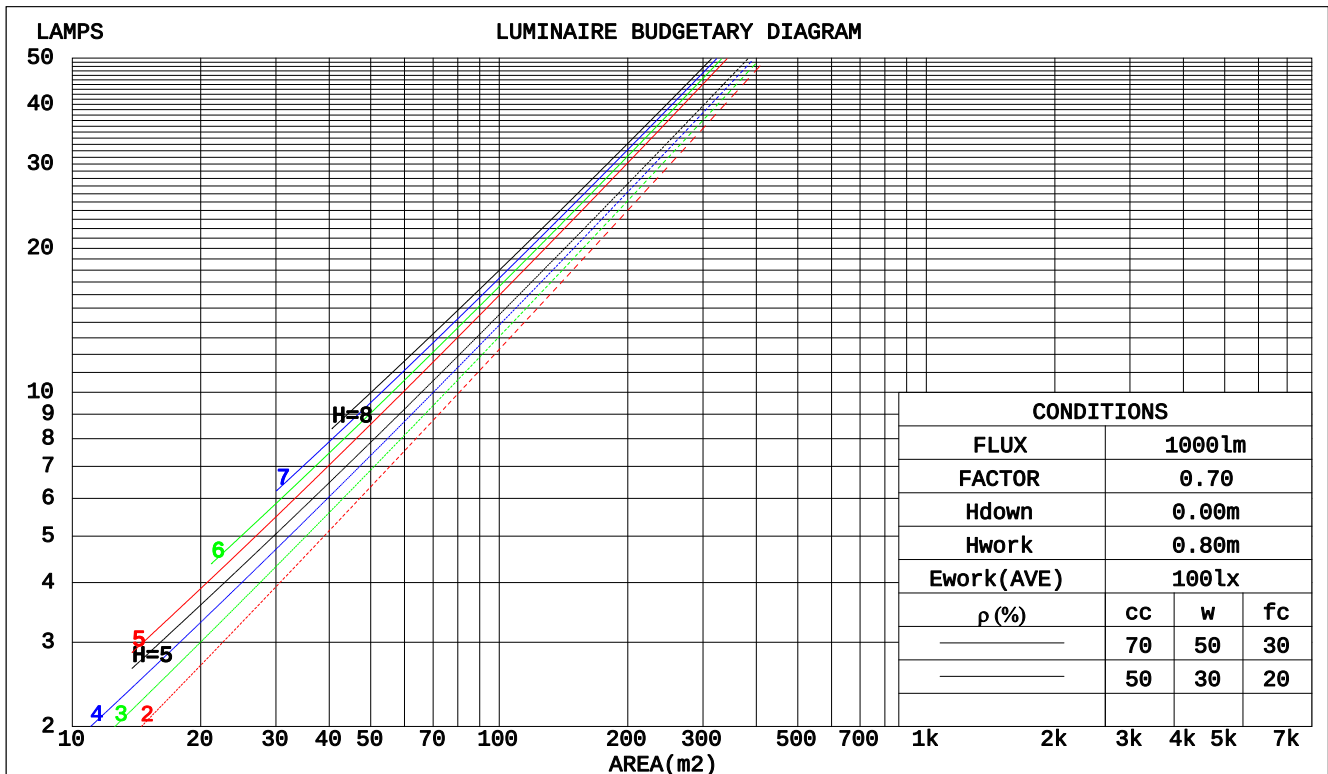
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Humidity:65.0%
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CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	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	1.13	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	1.00	1.02	.99	.98	.99	.97	.96	.97	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.98	.93	.90	.97	.93	.90	.95	.91	.89	.93	.90	.88	.91	.89	.87	.85
5.0	.94	.89	.86	.93	.89	.86	.91	.88	.85	.90	.87	.84	.88	.86	.84	.82
6.0	.90	.86	.82	.89	.85	.82	.88	.84	.82	.87	.83	.81	.85	.83	.81	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.76	.73	.80	.76	.73	.80	.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



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
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Operators:Judy
Test Date:2026-01-20

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm								
NAME: LED Grille Light				TYPE:Fixed			WEIGHT:132g	
SPEC.:10W				DIM.: L220*W22.5*H44mm			SERIAL No.:GEN2026128.01	
MFR.: KOE Lighting Ltd.				SUR.:W17XL17X12			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	.143	.081	.026	.136	.078	.025	.124	.071	.023	.112	.065	.021	.102	.059	.019	
2.0	.133	.073	.022	.128	.070	.022	.118	.065	.020	.108	.061	.019	.099	.056	.018	
3.0	.125	.067	.020	.120	.064	.019	.112	.061	.018	.104	.057	.017	.096	.053	.017	
4.0	.118	.061	.018	.114	.060	.018	.107	.057	.017	.100	.054	.016	.093	.051	.015	
5.0	.111	.057	.016	.108	.055	.016	.102	.053	.016	.096	.051	.015	.091	.048	.015	
6.0	.106	.053	.015	.103	.052	.015	.097	.050	.015	.092	.048	.014	.088	.046	.014	
7.0	.101	.050	.014	.098	.049	.014	.094	.047	.014	.089	.046	.013	.085	.044	.013	
8.0	.096	.047	.013	.094	.046	.013	.090	.045	.013	.086	.044	.013	.082	.042	.012	
9.0	.092	.045	.012	.090	.044	.012	.087	.043	.012	.083	.042	.012	.080	.041	.012	
10.0	.088	.042	.012	.087	.042	.012	.083	.041	.012	.080	.040	.011	.077	.039	.011	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.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	.124	.098	.078	.107	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.114	.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	.098	.068	.047	.085	.059	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.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	

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-01-20

$V(\beta)$ Range:-90 - 90DEG
 $V(\beta)$ 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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm										
NAME: LED Grille Light					TYPE:Fixed			WEIGHT:132g		
SPEC.:10W					DIM.: L220*W22.5*H44mm			SERIAL No.:GEN2026128.01		
MFR.: KOE Lighting Ltd.					SUR.:W17XL17X12			Shielding Angle:...		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	10.8	11.4	11.0	11.6	11.8	10.0	10.7	10.2	10.8	11.0
3H	10.6	11.2	10.8	11.4	11.6	9.8	10.5	10.1	10.7	10.9
4H	10.5	11.1	10.8	11.3	11.6	9.8	10.4	10.0	10.6	10.8
6H	10.4	11.0	10.7	11.2	11.5	9.7	10.2	10.0	10.5	10.7
8H	10.4	11.0	10.7	11.2	11.4	9.6	10.2	9.9	10.4	10.7
12H	10.3	10.9	10.7	11.1	11.4	9.6	10.1	9.9	10.4	10.6
4H 2H	10.5	11.1	10.8	11.4	11.6	9.8	10.4	10.0	10.6	10.8
3H	10.4	10.9	10.7	11.2	11.4	9.6	10.1	9.9	10.4	10.7
4H	10.3	10.7	10.6	11.0	11.3	9.5	10.0	9.8	10.3	10.6
6H	10.2	10.6	10.5	10.9	11.3	9.4	9.8	9.8	10.2	10.5
8H	10.1	10.5	10.5	10.9	11.2	9.3	9.7	9.7	10.1	10.5
12H	10.0	10.4	10.5	10.8	11.2	9.3	9.7	9.7	10.0	10.4
8H 4H	10.1	10.5	10.5	10.9	11.2	9.3	9.7	9.7	10.1	10.5
6H	10.0	10.3	10.4	10.7	11.1	9.2	9.6	9.6	10.0	10.4
8H	9.9	10.2	10.4	10.6	11.1	9.2	9.5	9.6	9.9	10.3
12H	9.9	10.1	10.3	10.6	11.0	9.1	9.4	9.6	9.8	10.3
12H 4H	10.0	10.4	10.5	10.8	11.2	9.3	9.7	9.7	10.0	10.4
6H	9.9	10.2	10.4	10.6	11.1	9.2	9.5	9.6	9.9	10.3
8H	9.9	10.1	10.3	10.6	11.0	9.1	9.4	9.6	9.8	10.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.2 / -14.4					+ 2.9 / -13.0				
1.5H	+ 5.3 / - 8.8					+ 5.2 / - 9.2				
2.0H	+ 5.6 / -14.6					+ 5.5 / -16.7				

CIE Pub.117, 774.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
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MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...

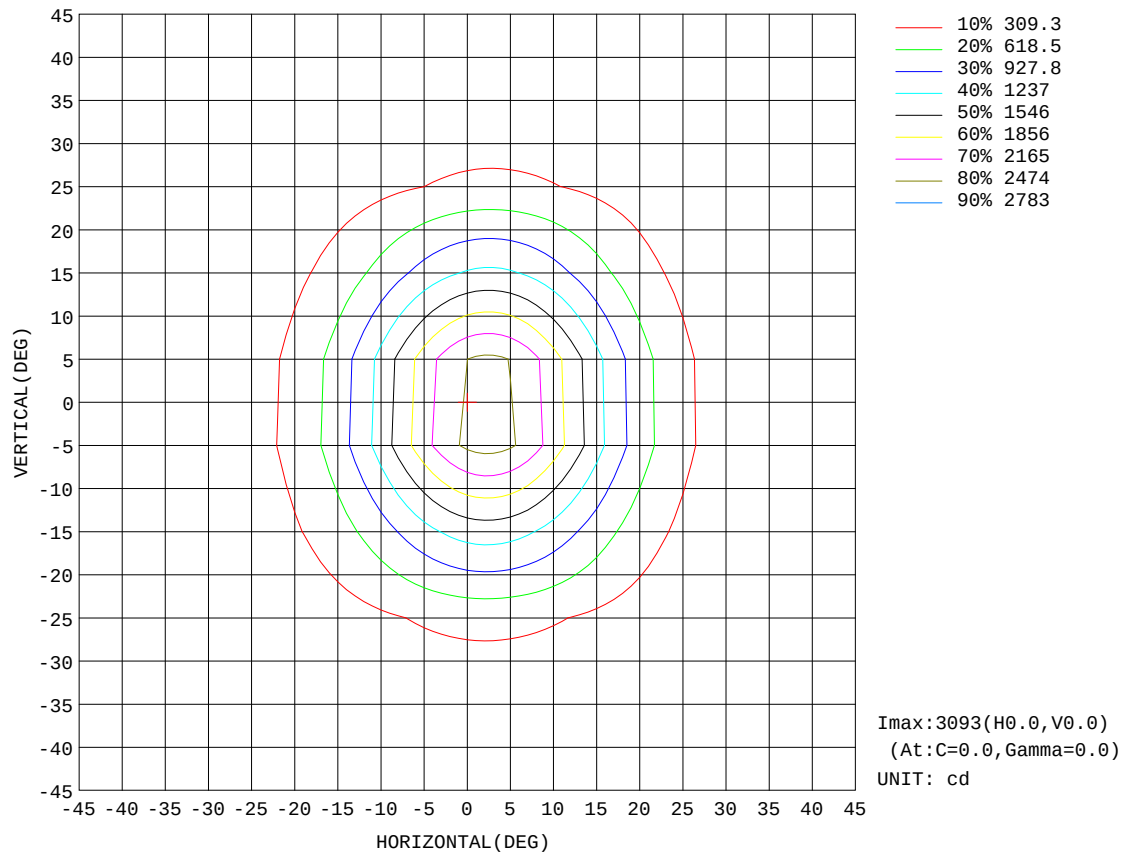
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	90	84	81	78
0.80	98	93	89	97	92	89	96	92	89	85
1.00	102	97	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	99	96	92
1.50	108	103	100	106	103	100	104	101	99	95
2.00	110	106	103	108	105	102	106	103	101	96
2.50	111	108	105	110	107	104	107	104	102	97
3.00	113	110	107	111	108	106	108	105	104	98
4.00	114	112	110	112	110	109	109	107	106	99
5.00	116	114	112	114	112	110	110	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

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V(B) Range:-90 - 90DEG
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 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
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ISOCANDELA DIAGRAM

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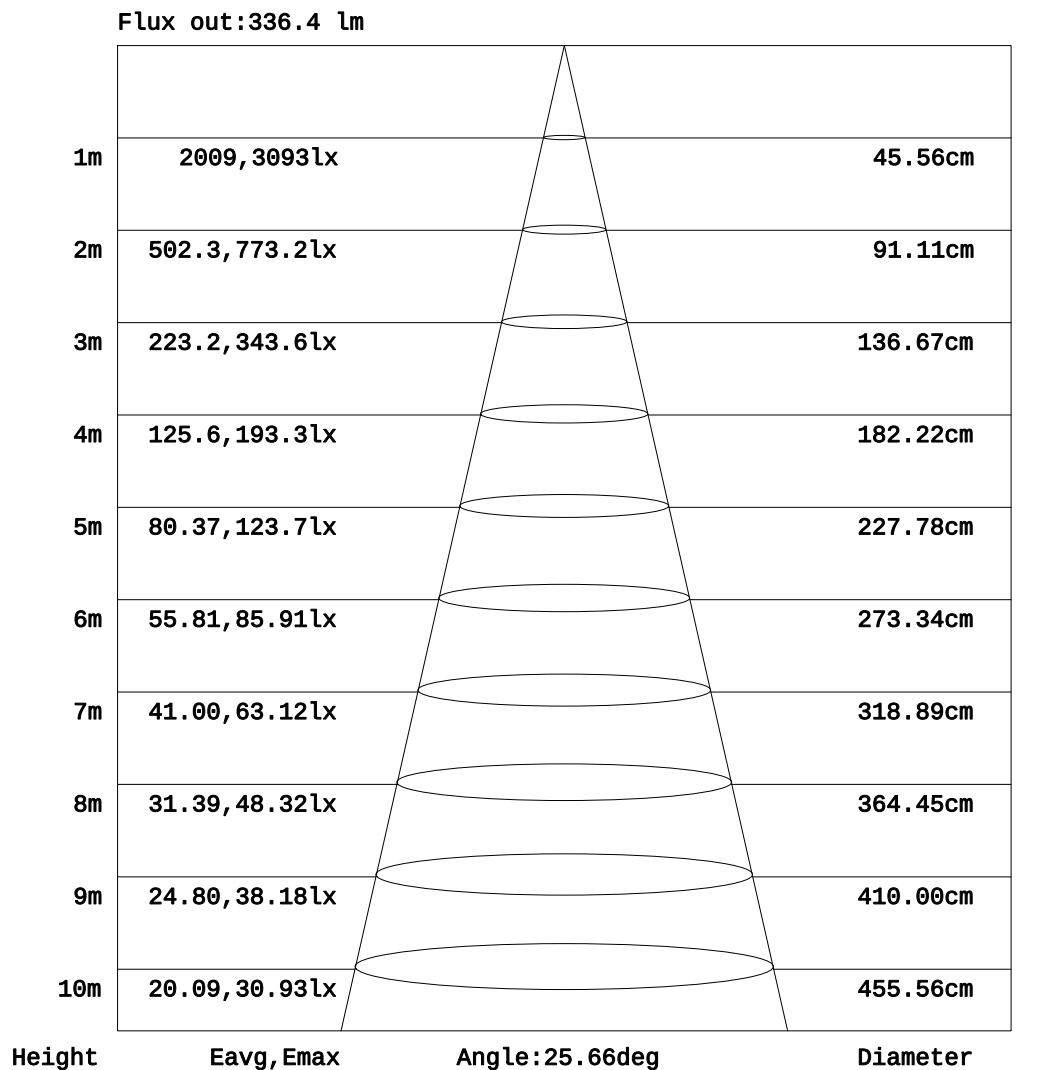


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AAI Figure

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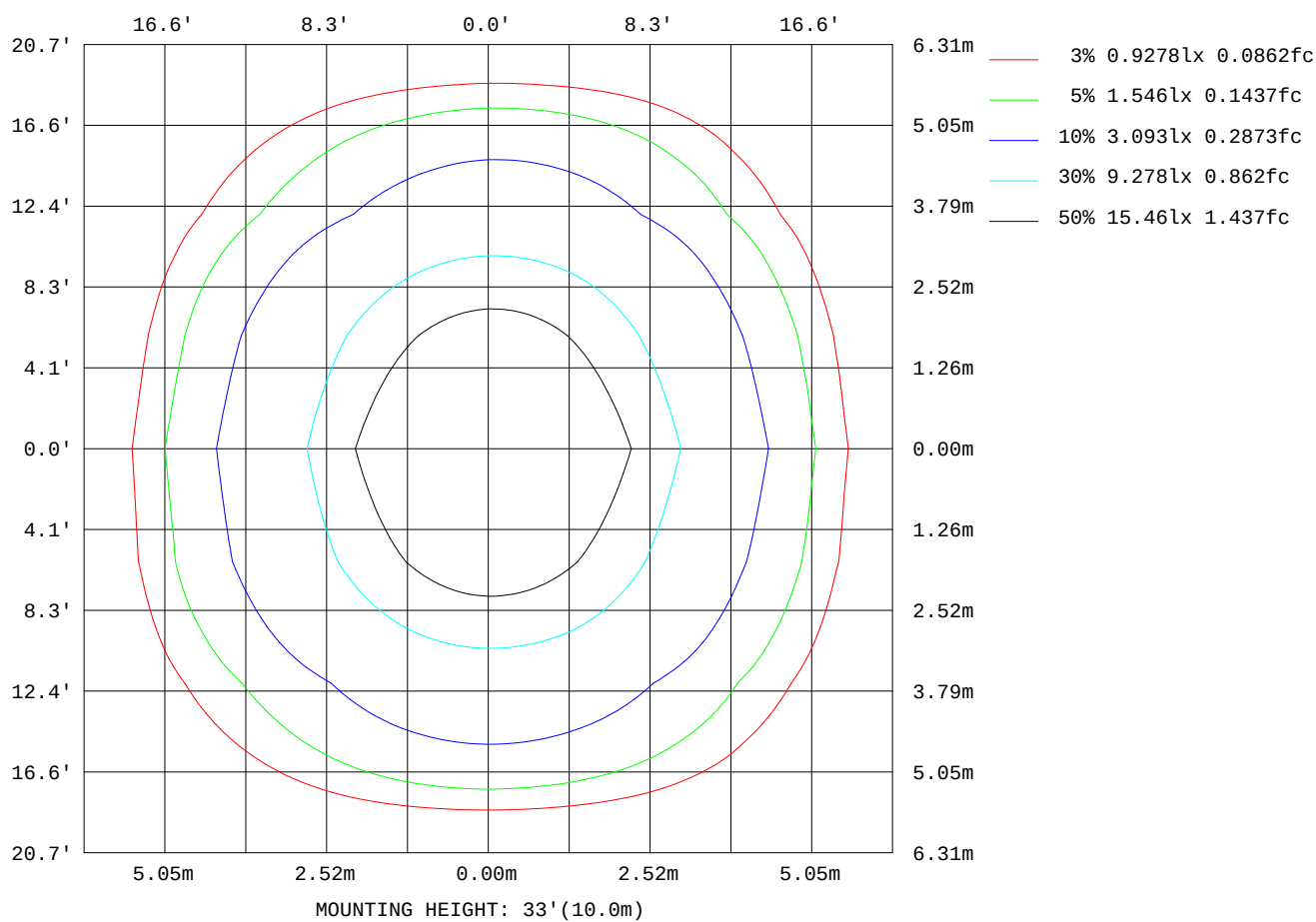
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Remarks:

ISOLUX DIAGRAM

Test:U:48.00V I:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Grille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-01-20

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Grille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...

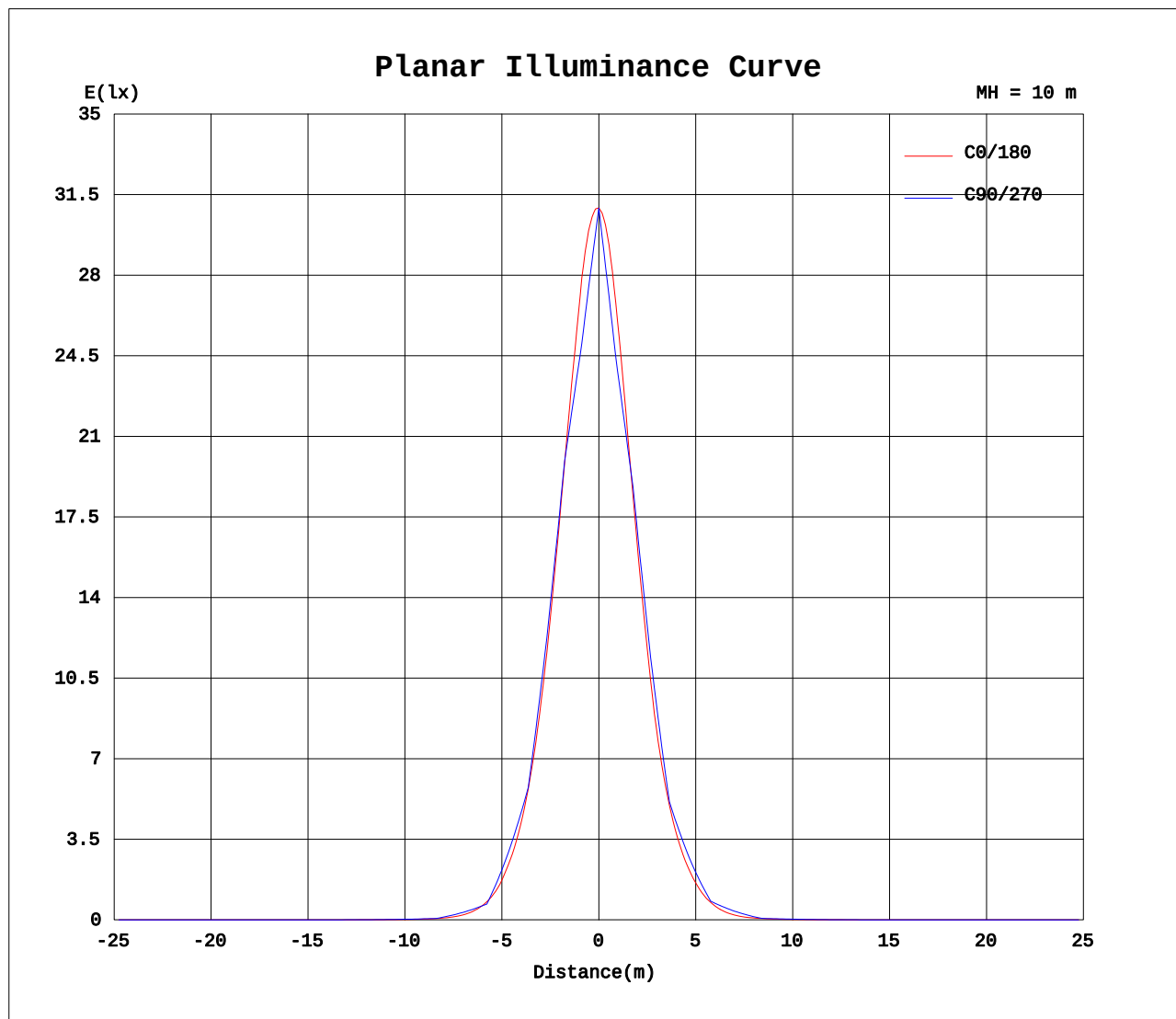
AvgL	cd/m2
L_0~180(65)av	26
L_0~180(75)av	18
L_0~180(85)av	40
L_90~270(65)av	140
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	192
L_45(75)av	2
L_45(85)av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Judy
 Test Date:2026-01-20

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:2026-01-20

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Gille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	Shielding Angle:...

UNIT: cd

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators: Judy
Test Date:2026-01-20

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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Gille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	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:0.2100A P:10.08W PF:1.000 Freq:0Hz Lamp Flux:64.5044x12 lm		
NAME: LED Gille Light	TYPE:Fixed	WEIGHT:132g
SPEC.:10W	DIM.: L220*W22.5*H44mm	SERIAL No.:GEN2026128.01
MFR.: KOE Lighting Ltd.	SUR.:W17XL17X12	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:2026-01-20

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	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	3033	3014	2996	2979	2963	2949	2935	2923	2909	2896
5.0	2820	2795	2774	2756	2741	2728	2717	2708	2697	2686
7.5	2463	2446	2438	2436	2440	2447	2456	2467	2474	2456
10.0	2075	2071	2078	2094	2118	2147	2175	2140	2114	2097
12.5	1676	1687	1711	1748	1795	1812	1769	1736	1711	1697
15.0	1290	1317	1359	1415	1458	1465	1364	1333	1312	1339
17.5	958.3	993.1	1044	1110	1084	1035	995.3	978.3	1029	1076
20.0	685.7	725.0	780.3	822.0	770.9	726.2	704.8	755.1	810.0	862.8
22.5	478.5	517.1	569.0	570.6	526.8	486.7	530.1	582.8	638.4	625.5
25.0	322.0	358.4	407.5	383.5	347.6	353.9	398.9	451.6	435.9	410.3
27.5	201.1	238.0	279.6	248.7	222.1	258.4	301.3	298.5	277.1	251.3
30.0	122.3	151.2	172.8	151.4	152.1	188.1	204.0	188.8	171.8	190.1
32.5	71.57	93.64	102.5	88.90	103.3	134.7	126.0	111.4	128.3	143.2
35.0	40.70	56.72	59.07	50.66	70.12	79.33	70.80	79.35	95.40	96.04
37.5	23.36	33.43	32.29	31.35	46.29	43.75	42.55	56.44	62.10	53.22
40.0	13.68	19.83	17.76	19.82	25.92	21.81	28.62	37.05	32.62	26.81
42.5	8.868	12.25	10.27	12.80	13.89	13.09	19.59	19.36	15.13	19.87
45.0	6.084	8.177	6.492	8.675	7.717	9.120	11.28	8.750	11.17	14.46
47.5	4.327	5.530	4.633	5.798	4.835	6.650	6.107	6.298	8.420	8.186
50.0	3.084	3.841	3.446	3.766	3.654	4.214	3.721	4.831	4.950	3.875
52.5	2.122	2.649	2.564	2.424	2.839	2.632	2.884	3.188	2.589	3.128
55.0	1.324	1.715	1.835	1.471	2.005	1.767	2.152	1.823	2.033	2.457
57.5	0.8043	1.022	1.036	0.7021	0.5769	0.8061	0.6471	0.9449	0.8922	0.8445
60.0	0.2843	0.4659	0.5952	0.2797	0.2991	0.2241	0.4269	0.4519	0.4395	0.5796
62.5	0.0302	0.0876	0.1224	0.0557	0.1044	0.0481	0.1920	0.1168	0.2881	0.3019
65.0	0.0201	0.0542	0.0137	0.0371	0.0038	0.0321	0.0351	0.0771	0.1266	0.0290
67.5	0.0141	0.0441	0.0242	0.0215	0.0104	0.0301	0.0220	0.0243	0	0
70.0	0.0081	0.0337	0.0295	0.0027	0.0207	0.0217	0.0081	0	0	0
72.5	0.0081	0.0239	0.0211	0.0097	0.0223	0.0077	0	0	0	0
75.0	0.0081	0.0117	0.0055	0.0208	0.0083	0	0	0	0	0
77.5	0.0081	0.0079	0.0092	0.0103	0	0	0	0	0	0
80.0	0.0081	0.0159	0.0112	0	0	0	0	0	0	0
82.5	0.0081	0.0119	0	0	0	0	0	0	0	0
85.0	0.0081	0.0039	0	0	0	0	0	0	0	0
87.5	0.0081	0.0005	0	0	0	0	0	0	0	0
90.0	0.0081	0	0	0	0	0	0	0	0	0

G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2884	2873	2863	2854	2844	2833	2825	2818	2813	2805
5.0	2675	2663	2647	2632	2613	2594	2575	2552	2533	2507
7.5	2432	2410	2392	2377	2363	2352	2338	2323	2309	2287
10.0	2081	2072	2069	2068	2071	2076	2082	2086	2086	2077
12.5	1694	1704	1725	1740	1748	1750	1747	1737	1724	1706
15.0	1375	1406	1428	1441	1443	1434	1416	1391	1362	1329
17.5	1118	1151	1157	1135	1111	1087	1066	1045	1027	1007
20.0	875.8	852.6	824.0	791.8	759.4	731.2	709.5	696.7	693.0	692.9
22.5	599.5	563.8	519.6	517.9	531.9	541.3	546.5	547.1	543.5	535.7
25.0	370.9	374.2	393.2	406.4	413.6	415.2	411.9	404.6	394.1	382.5
27.5	272.4	289.3	302.1	304.2	292.7	279.9	267.8	257.8	250.6	245.4
30.0	207.8	215.4	203.8	185.9	164.0	141.7	123.0	110.7	107.0	110.8
32.5	145.5	131.2	108.7	78.48	80.22	81.76	83.05	83.69	83.72	82.86
35.0	83.53	60.99	60.31	61.93	62.45	62.52	62.30	61.54	60.44	59.12
37.5	41.64	44.96	46.60	46.81	44.63	42.21	40.14	38.53	37.56	37.15
40.0	31.79	34.17	32.84	29.52	25.44	21.36	17.84	15.50	14.68	15.39
42.5	23.75	21.96	18.23	13.06	11.74	11.88	11.92	11.95	11.92	11.79
45.0	13.81	10.44	8.939	9.415	9.554	9.525	9.416	9.302	9.150	9.001
47.5	5.831	6.495	7.254	7.533	7.350	7.057	6.783	6.571	6.434	6.383
50.0	4.545	5.240	5.531	5.330	4.944	4.506	4.135	3.839	3.718	3.784
52.5	3.666	3.727	3.560	3.148	3.070	3.033	2.993	2.918	2.877	2.867
55.0	2.434	2.233	2.215	2.327	2.323	2.243	2.165	2.077	2.036	2.025
57.5	1.400	1.560	1.643	1.682	1.570	1.428	1.314	1.230	1.202	1.210
60.0	1.012	1.105	1.040	0.9299	0.7819	0.5997	0.4586	0.3828	0.3669	0.3976
62.5	0.6330	0.5528	0.3999	0.2349	0.2770	0.2661	0.2612	0.2683	0.2752	0.2785
65.0	0.2087	0.0868	0.1399	0.1734	0.1972	0.1852	0.1816	0.1822	0.1835	0.1865
67.5	0.0212	0.0622	0.0998	0.1123	0.1176	0.1027	0.0958	0.0922	0.0917	0.0946
70.0	0.0169	0.0407	0.0494	0.0456	0.0364	0.0206	0.0096	0.0025	0	0.0026
72.5	0.0078	0.0097	0.0001	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
77.5	0	0	0	0	0	0	0	0	0	0
80.0	0	0	0	0	0	0	0	0	0	0
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-01-20

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:7.880m [K=1.0000]

Remarks:

Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2799	2795	2794	2795	2795	2798	2803	2812	2824	2837
5.0	2487	2466	2448	2434	2422	2417	2415	2419	2429	2445
7.5	2262	2235	2200	2165	2126	2086	2044	2002	1977	1991
10.0	2061	2035	2002	1961	1911	1856	1797	1736	1674	1615
12.5	1688	1670	1655	1642	1634	1629	1587	1507	1427	1350
15.0	1299	1275	1255	1240	1231	1227	1227	1231	1216	1122
17.5	987.0	963.9	937.8	906.4	871.1	861.4	869.9	881.1	893.8	908.6
20.0	694.6	694.8	689.9	677.1	656.5	628.9	597.7	592.3	613.6	634.2
22.5	525.7	515.2	504.3	492.3	481.4	468.2	447.5	421.8	397.7	424.3
25.0	372.8	365.2	359.2	353.8	348.4	342.6	334.8	316.5	294.2	271.7
27.5	242.6	240.3	236.6	230.8	232.5	236.3	238.4	238.6	222.4	200.8
30.0	120.1	131.7	142.3	149.2	151.9	150.6	157.6	164.0	167.5	149.3
32.5	81.77	80.87	80.03	79.16	93.02	100.0	101.5	103.9	110.6	114.5
35.0	58.42	58.32	58.57	58.90	58.94	60.03	66.94	66.46	65.34	70.17
37.5	37.50	38.32	39.12	39.76	41.41	42.49	42.60	43.00	37.99	37.22
40.0	17.40	20.19	23.06	25.43	26.95	27.68	28.27	26.77	23.54	19.17
42.5	11.69	11.64	11.56	12.64	16.02	17.33	15.83	15.88	14.49	12.36
45.0	8.948	8.961	8.998	9.022	8.891	9.615	9.882	8.647	8.919	8.537
47.5	6.431	6.525	6.603	6.597	6.525	6.184	5.800	5.896	5.244	5.627
50.0	3.985	4.272	4.561	4.706	4.519	4.246	4.150	4.039	3.815	3.491
52.5	2.875	2.909	2.935	2.998	3.120	2.996	2.797	2.838	2.768	2.426
55.0	2.041	2.092	2.135	2.139	2.084	2.062	2.026	1.809	1.849	1.823
57.5	1.251	1.319	1.379	1.383	1.402	1.408	1.377	1.267	1.101	1.185
60.0	0.4735	0.5775	0.6980	0.7786	0.8229	0.8393	0.8710	0.8104	0.7136	0.5813
62.5	0.2752	0.2698	0.2595	0.2305	0.3407	0.4259	0.4429	0.4488	0.4011	0.2865
65.0	0.1799	0.1847	0.1768	0.1552	0.1280	0.0940	0.1609	0.1995	0.1779	0.0696
67.5	0.0939	0.1023	0.0992	0.0867	0.0724	0.0502	0.0328	0.0438	0.0619	0.0157
70.0	0.0094	0.0205	0.0299	0.0348	0.0316	0.0220	0.0156	0.0204	0.0269	0.0215
72.5	0	0	0	0	0.0001	0.0055	0.0067	0.0114	0.0173	0.0248
75.0	0	0	0	0	0	0	0	0.0021	0.0074	0.0142
77.5	0	0	0	0	0	0	0	0	0	0.0032
80.0	0	0	0	0	0	0	0	0	0	0
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2850	2866	2885	2907	2931	2956	2984	2954	2925	2899
5.0	2464	2490	2523	2561	2606	2655	2711	2650	2596	2546
7.5	2014	2046	2087	2137	2196	2264	2341	2257	2182	2116
10.0	1560	1591	1637	1693	1760	1838	1929	1831	1744	1669
12.5	1276	1210	1221	1279	1348	1429	1523	1421	1332	1254
15.0	1035	956.6	885.6	821.2	760.3	702	642	584	529.1	476.2
17.5	836.2	753.0	681.1	613.8	548.3	486.9	428.6	374.4	323.2	274.5
20.0	652.7	591.0	520.9	462.7	407.9	357.7	311.4	269.1	231.4	196.2
22.5	446.7	403.4	361.9	322.0	286.6	255.6	228.9	206.6	188.9	171.7
25.0	296.3	266.6	238.0	211.1	186.6	163.6	142.6	123.6	106.6	92.6
27.5	185.1	164.3	144.1	124.6	106.6	91.4	78.6	67.6	58.6	50.6
30.0	125.0	108.5	93.6	80.6	69.6	60.6	52.6	45.6	39.6	34.6
32.5	89.67	78.6	68.6	59.6	51.6	44.6	38.6	33.6	29.6	25.6
35.0	64.16	55.6	47.6	40.6	34.6	29.6	25.6	22.6	19.6	17.6
37.5	39.35	33.6	28.6	24.6	20.6	17.6	14.6	12.6	10.6	9.6
40.0	20.66	17.6	14.6	12.6	10.6	8.6	7.6	6.6	5.6	4.6
42.5	10.67	9.6	8.6	7.6	6.6	5.6	4.6	3.6	2.6	1.6
45.0	7.072	6.6	5.6	4.6	3.6	2.6	1.6	1.6	1.6	1.6
47.5	5.208	4.6	3.6	2.6	1.6	1.6	1.6	1.6	1.6	1.6
50.0	3.735	3.6	2.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
52.5	2.391	2.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
55.0	1.488	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
57.5	1.077	0.9306	0.8136	0.7147	0.6341	0.5664	0.5097	0.4613	0.4193	0.3818
60.0	0.6953	0.4671	0.3582	0.276	0.2111	0.1679	0.1348	0.1093	0.0893	0.0737
62.5	0.2934	0.2461	0.1984	0.1578	0.1220	0.0913	0.0663	0.0463	0.0328	0.0228
65.0	0.0646	0.0487	0.0374	0.0280	0.0204	0.0144	0.0093	0.0063	0.0043	0.0033
67.5	0.0010	0.0181	0.0385	0.0677	0.1166	0.1877	0.2804	0.3961	0.5369	0.7069
70.0	0.0111	0.0030	0.0261	0.0193	0.0168	0.0126	0.0084	0.0058	0.0038	0.0026
72.5	0.0219	0.0092	0.0097	0.0334	0.0042	0.0180	0.0343	0.0177	0.0038	0.0026
75.0	0.0231	0.0215	0.0047	0.0177	0.0071	0.0238	0.0242	0.0244	0.0047	0.0169
77.5	0.0110	0.0217	0.0178	0.0016	0.0195	0.0207	0.0242	0.0207	0.0121	0.0011

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-01-20

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:7.880m [K=1.0000]

Remarks:

Photometric Data Table [cd]

80.0	0	0.0075	0.0176	0.0076	0.0132	0.0062	0.0242	0.0045	0.0066	0.0052
82.5	0	0	0.0025	0.0096	0.0034	0.0043	0.0222	0.0028	0.0023	0.0068
85.0	0	0	0	0	0.0082	0.0062	0.0161	0.0041	0.0054	0
87.5	0	0	0	0	0	0.0080	0.0121	0.0048	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2875	2854	2835	2820	2804	2791	2781	2773	2769	2768
5.0	2503	2466	2436	2412	2392	2378	2370	2368	2371	2380
7.5	2060	2012	1974	1945	1924	1942	1978	2014	2050	2084
10.0	1605	1551	1512	1557	1606	1658	1710	1761	1810	1853
12.5	1187	1166	1220	1281	1346	1414	1483	1519	1523	1531
15.0	850.7	908.9	974.3	1047	1126	1138	1133	1132	1135	1142
17.5	646.3	704.8	773.5	833.5	818.9	805.8	793.5	783.4	789.8	820.5
20.0	487.8	544.8	595.3	576.8	556.3	534.5	536.3	561.6	583.5	598.8
22.5	366.5	420.9	404.0	382.0	355.7	374.9	394.5	408.8	415.8	425.3
25.0	272.0	284.0	264.5	240.8	259.5	276.7	289.2	295.7	302.8	309.9
27.5	192.0	177.7	160.4	173.8	192.8	205.2	207.0	207.4	206.5	207.8
30.0	114.1	102.1	105.2	127.0	142.8	142.3	139.3	136.0	140.7	142.3
32.5	63.06	53.37	72.58	95.20	93.68	90.57	92.47	95.18	93.13	86.14
35.0	33.70	35.34	50.02	55.86	54.11	59.31	64.63	63.11	63.01	63.68
37.5	18.34	24.36	30.97	29.92	31.80	39.84	44.05	44.94	44.28	42.82
40.0	12.47	17.47	17.65	16.75	21.01	25.69	28.33	28.69	28.94	27.63
42.5	9.244	11.35	9.998	11.66	14.00	15.15	15.24	17.83	17.49	14.19
45.0	7.016	7.048	6.920	8.420	8.744	8.466	9.584	10.02	9.977	10.21
47.5	5.156	4.325	5.191	5.589	5.204	5.790	5.737	6.419	7.122	7.423
50.0	3.330	3.175	3.788	3.528	3.793	3.968	4.113	4.292	4.794	5.247
52.5	2.082	2.454	2.458	2.489	2.780	2.820	2.800	3.048	3.324	3.308
55.0	1.327	1.715	1.530	1.880	1.901	1.854	2.070	2.168	2.239	2.352
57.5	0.9327	0.9552	1.117	1.232	1.153	1.337	1.456	1.490	1.495	1.509
60.0	0.5813	0.4823	0.7359	0.6124	0.7622	0.8767	0.9302	0.8879	0.8779	0.8444
62.5	0.1444	0.2563	0.3099	0.3114	0.4431	0.4878	0.4829	0.4528	0.3676	0.2504
65.0	0.0295	0.0502	0.0674	0.0801	0.1948	0.2217	0.1759	0.1007	0.1433	0.1704
67.5	0.0385	0.0178	0.0010	0.0173	0.0674	0.0539	0.0386	0.0585	0.0798	0.0977
70.0	0.0246	0.0030	0.0111	0.0215	0.0269	0.0229	0.0222	0.0268	0.0349	0.0387
72.5	0.0086	0.0079	0.0213	0.0248	0.0173	0.0114	0.0096	0.0065	0.0001	0
75.0	0.0039	0.0184	0.0224	0.0142	0.0074	0.0021	0	0	0	0
77.5	0.0142	0.0184	0.0095	0.0032	0	0	0	0	0	0
80.0	0.0139	0.0053	0	0	0	0	0	0	0	0
82.5	0.0017	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	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2766	2766	2769	2775	2783	2788	2795	2804	2816	2827
5.0	2392	2408	2427	2447	2472	2492	2516	2537	2558	2579
7.5	2116	2148	2174	2198	2221	2237	2253	2270	2285	2303
10.0	1889	1919	1942	1959	1969	1972	1973	1972	1972	1974
12.5	1544	1558	1577	1596	1616	1632	1644	1651	1651	1644
15.0	1155	1174	1198	1228	1262	1294	1322	1344	1355	1355
17.5	848.4	873.0	896.3	918.1	940.9	962.2	986.5	1010	1037	1061
20.0	608.0	611.8	613.2	615.0	619.4	627.6	644.2	669.6	700.3	734.4
22.5	438.3	451.7	465.6	479.5	491.5	498.7	500.8	497.8	489.5	475.8
25.0	317.3	325.7	336.0	348.7	363.6	376.8	385.6	389.7	388.2	379.9
27.5	216.6	223.6	229.7	236.4	244.7	253.4	263.1	273.8	284.0	292.3
30.0	140.8	136.3	130.7	126.6	125.8	129.6	139.8	154.8	172.1	188.2
32.5	88.22	90.24	92.55	95.24	97.75	98.90	99.05	98.39	96.56	93.37
35.0	64.13	64.54	65.40	67.07	69.66	72.00	73.69	74.75	74.86	73.36
37.5	42.59	42.16	41.66	41.74	42.76	44.50	46.97	50.03	53.22	55.41
40.0	25.23	22.17	19.07	16.76	15.85	16.96	20.11	24.72	29.91	34.67
42.5	12.91	12.81	12.79	12.83	12.93	13.04	13.20	13.35	13.39	15.16
45.0	10.10	9.937	9.845	9.863	10.01	10.18	10.45	10.74	10.95	10.95
47.5	7.430	7.275	7.125	7.064	7.131	7.305	7.625	8.054	8.485	8.803
50.0	5.107	4.771	4.470	4.281	4.254	4.425	4.790	5.287	5.829	6.298
52.5	3.254	3.244	3.236	3.251	3.291	3.377	3.503	3.637	3.721	3.806
55.0	2.360	2.327	2.299	2.300	2.329	2.411	2.536	2.692	2.820	2.819
57.5	1.517	1.468	1.413	1.391	1.390	1.450	1.562	1.730	1.906	2.028
60.0	0.7660	0.6482	0.5437	0.4858	0.4516	0.4880	0.5859	0.7608	0.9402	1.126
62.5	0.2816	0.3025	0.3198	0.3392	0.3387	0.3437	0.3458	0.3545	0.3264	0.2901
65.0	0.1894	0.2007	0.2100	0.2215	0.2258	0.2316	0.2381	0.2468	0.2373	0.2100
67.5	0.1059	0.1084	0.1095	0.1118	0.1129	0.1194	0.1276	0.1400	0.1435	0.1385
70.0	0.0322	0.0216	0.0110	0.0030	0	0.0072	0.0165	0.0314	0.0466	0.0590

H(B) Range:-90 - 90DEG

H(B) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:Judy

Test Date:2026-01-20

V(B) Range:-90 - 90DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:7.880m [K=1.0000]

Remarks:

Photometric Data Table [cd]

72.5	0	0	0	0	0	0.0030	0.0031	0.0033	0.0034	0.0037
75.0	0	0	0	0	0	0.0020	0.0021	0.0022	0.0024	0.0026
77.5	0	0	0	0	0	0.0010	0.0011	0.0012	0.0013	0.0015
80.0	0	0	0	0	0	0.0000	0.0001	0.0001	0.0003	0.0004
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	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
2.5	2837	2849	2861	2875	2891	2906	2920	2936	2953	2972
5.0	2597	2616	2632	2646	2662	2677	2690	2705	2722	2742
7.5	2322	2344	2371	2401	2423	2422	2418	2415	2415	2417
10.0	1981	1990	2006	2029	2053	2086	2127	2107	2086	2071
12.5	1632	1613	1608	1620	1643	1676	1717	1768	1760	1722
15.0	1345	1326	1297	1263	1241	1273	1313	1363	1423	1389
17.5	1085	1081	1051	1012	969.3	925.6	952.2	999.8	1055	1088
20.0	767.3	795.8	819.1	808.7	762.4	714.4	669.9	698.4	748.4	804.2
22.5	476.8	520.9	556.7	583.8	599.5	550.2	502.8	464.2	509.5	556.9
25.0	364.8	344.3	340.0	379.6	406.0	423.6	376.4	336.3	333.8	372.9
27.5	286.7	271.1	251.6	226.3	254.9	278.0	282.9	243.4	209.6	239.2
30.0	200.3	206.9	195.0	174.8	154.9	172.2	188.6	174.5	140.6	144.1
32.5	115.4	131.1	139.6	134.3	116.5	96.89	112.6	122.0	95.30	82.11
35.0	69.80	67.78	83.68	91.67	87.33	68.89	60.10	70.79	63.11	46.30
37.5	53.86	50.51	45.23	52.04	57.05	49.18	36.05	38.49	41.42	29.18
40.0	37.92	38.47	34.18	27.33	30.57	32.68	25.31	20.21	24.24	19.06
42.5	21.00	24.60	25.62	20.34	15.59	18.27	18.26	13.04	13.80	12.80
45.0	10.37	11.65	14.69	14.87	11.75	9.529	11.39	9.529	8.110	9.001
47.5	8.455	7.321	6.395	8.627	8.956	7.042	6.708	7.195	5.278	6.133
50.0	6.504	5.971	5.088	4.354	5.506	5.474	4.304	4.689	4.003	4.008
52.5	4.249	4.337	4.181	3.593	3.044	3.708	3.359	2.963	3.117	2.601
55.0	2.708	2.740	2.898	2.886	2.443	2.198	2.533	2.012	2.220	1.616
57.5	2.007	1.945	1.798	1.890	1.921	1.558	1.507	1.525	1.318	1.158
60.0	1.266	1.367	1.290	1.127	1.157	1.196	0.8312	0.9695	0.7016	0.8034
62.5	0.4831	0.6635	0.7940	0.7701	0.6186	0.5813	0.5465	0.2714	0.3560	0.3159
65.0	0.1600	0.0695	0.2408	0.4043	0.4058	0.1458	0.2460	0.0574	0.1235	0.0575
67.5	0.1183	0.0537	0.0071	0.0420	0.1793	0.0970	0.0390	0.0345	0.0039	0.0329
70.0	0.0623	0.0364	0.0071	0.0018	0.0002	0.0282	0.0253	0.0276	0.0091	0.0185
72.5	0.0041	0.0113	0.0052	0.0031	0.0016	0.0005	0.0090	0.0190	0.0207	0.0025
75.0	0.0029	0.0033	0.0037	0.0040	0.0030	0.0020	0.0007	0.0067	0.0223	0.0097
77.5	0.0018	0.0021	0.0025	0.0030	0.0036	0.0036	0.0025	0.0009	0.0003	0.0208
80.0	0.0006	0.0009	0.0012	0.0016	0.0022	0.0029	0.0038	0.0030	0.0011	0.0103
82.5	0	0	0	0.0002	0.0006	0.0012	0.0019	0.0029	0.0036	0.0012
85.0	0	0	0	0	0	0	0	0.0007	0.0018	0.0035
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	3093	3093								
2.5	2991	3011								
5.0	2765	2791								
7.5	2425	2440								
10.0	2063	2063								
12.5	1694	1678								
15.0	1342	1308								
17.5	1030	986.2								
20.0	768.7	719.4								
22.5	559.5	512.5								
25.0	399.9	354.8								
27.5	272.9	234.7								
30.0	167.1	148.1								
32.5	99.14	91.88								
35.0	56.01	54.87								
37.5	31.11	32.58								
40.0	17.51	19.53								
42.5	10.43	12.26								
45.0	6.696	8.288								
47.5	4.814	5.635								
50.0	3.591	3.917								
52.5	2.687	2.710								
55.0	1.945	1.764								
57.5	1.316	1.056								
60.0	0.6466	0.4804								
62.5	0.1289	0.0880								

H(B) Range:-90 - 90DEG
H(B) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-01-20

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:

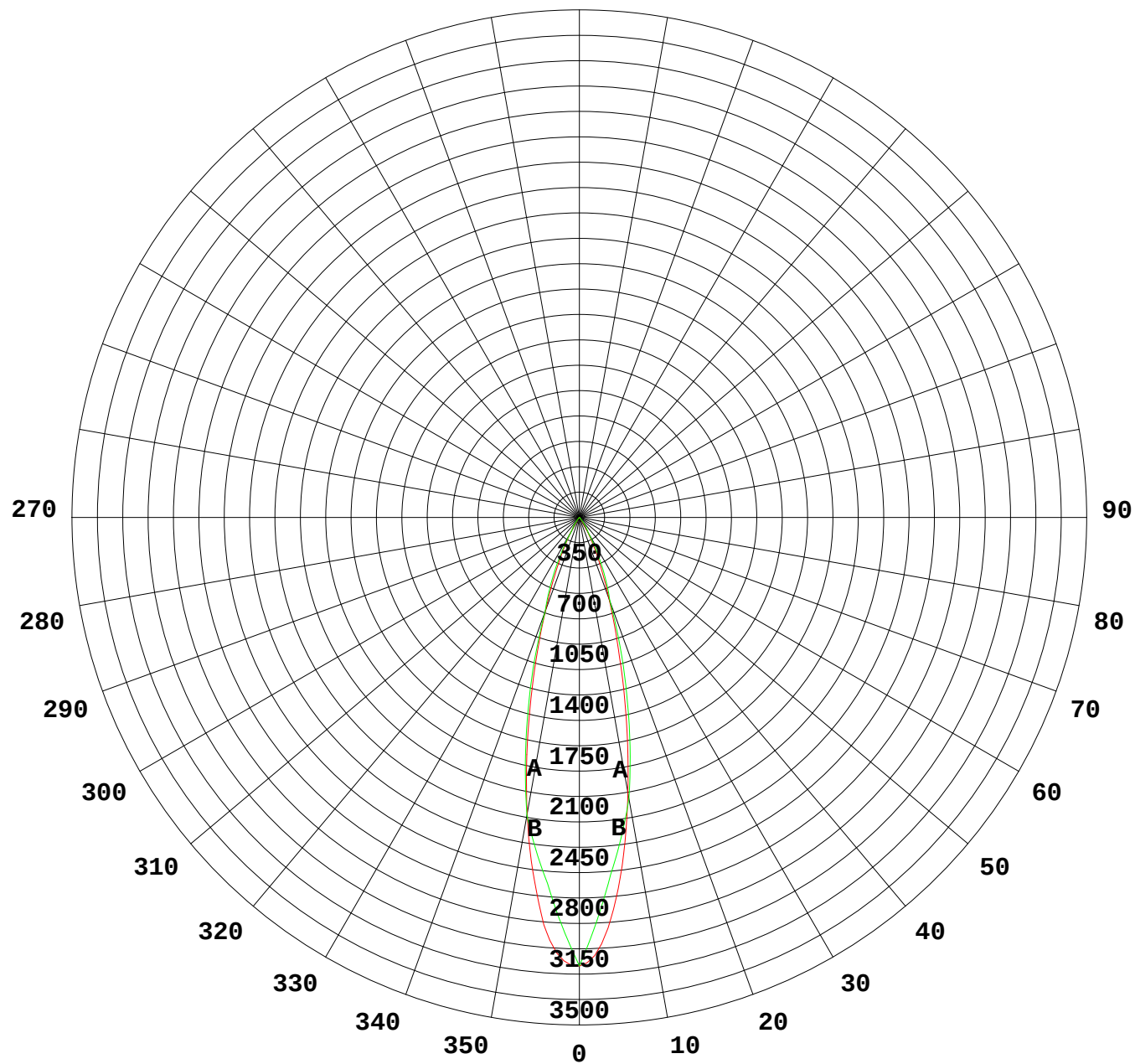
Photometric Data Table [cd]

65.0	0.0063	0.0519
67.5	0.0122	0.0401
70.0	0.0231	0.0304
72.5	0.0290	0.0202
75.0	0.0211	0.0072
77.5	0.0055	0.0044
80.0	0.0092	0.0110
82.5	0.0116	0.0105
85.0	0.0013	0.0061
87.5	0.0017	0
90.0	0	0

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Judy
Test Date:2026-01-20

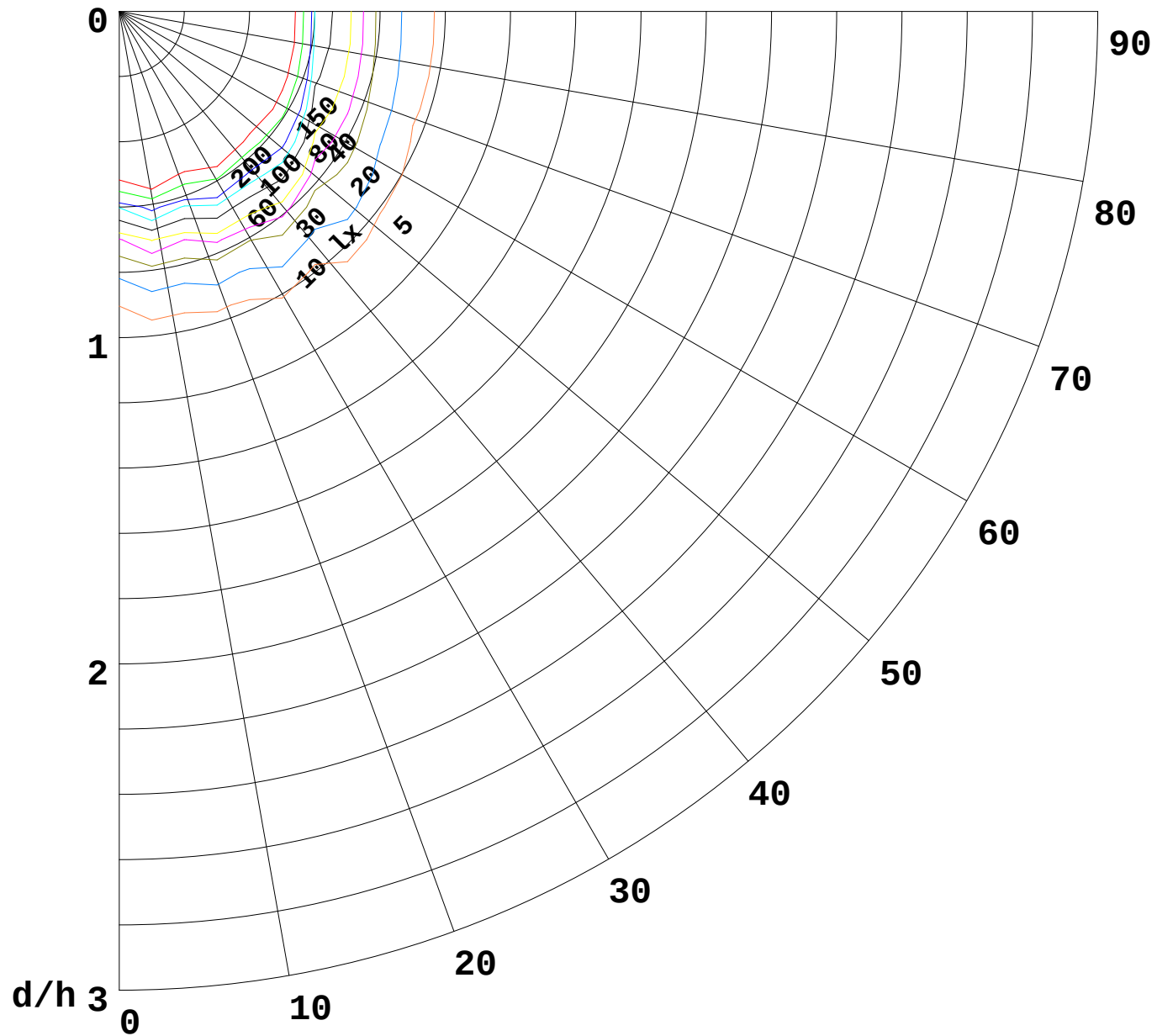
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

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

