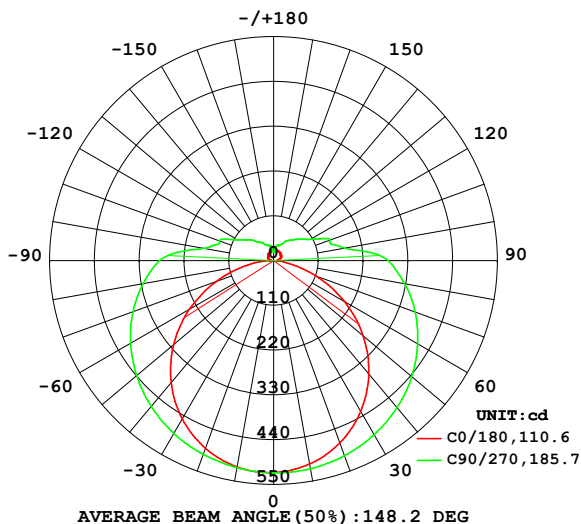


LUMINAIRE PHOTOMETRIC TEST REPORT

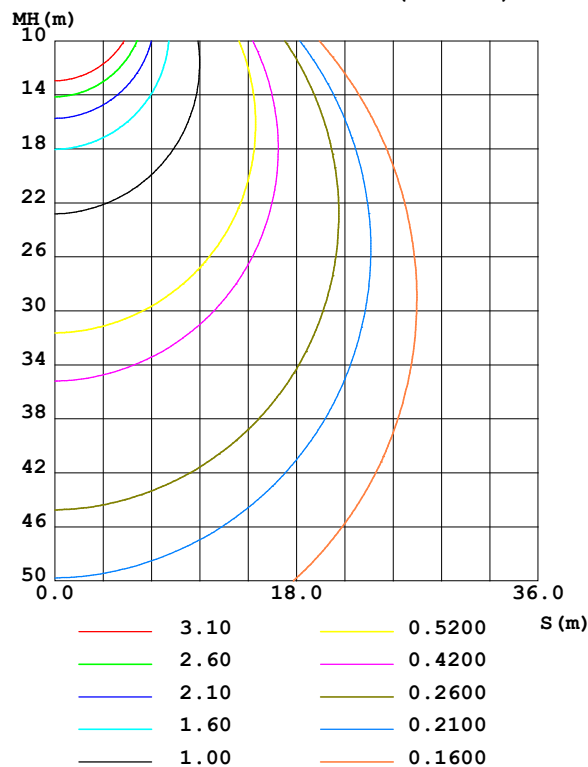
Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.99 lm/W			
MODEL	3000K	I _{max} (cd)	521.6	S/MH(C0/180)	1.28
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.42
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2431.1	η UP,DN(C0-180)	9.1,40.3
NOMINAL FLUX(lm)	2431.07	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	8.7,41.9
LAMPS INSIDE	1	η up (%)	17.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down (%)	82.2	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	507.4	519.3	514.9	516.4					0- 10	49.42	49.42	2.03,2.03
20	476.3	509.8	490.3	506.5					10- 20	143.2	192.6	7.92,7.92
30	428.0	493.9	448.9	490.3					20- 30	222.4	415.0	17.1,17.1
40	363.9	471.8	391.9	467.8					30- 40	279.2	694.2	28.6,28.6
50	287.2	443.1	320.8	439.5					40- 50	308.3	1003	41.2,41.2
60	200.6	408.7	238.8	405.7					50- 60	307.6	1310	53.9,53.9
70	109.9	370.3	149.5	367.7					60- 70	279.0	1589	65.4,65.4
80	33.13	326.6	65.24	325.5					70- 80	230.3	1820	74.8,74.8
90	8.618	281.4	11.49	280.7					80- 90	178.9	1998	82.2,82.2
100	11.77	179.2	9.628	175.6					90-100	132.6	2131	87.7,87.7
110	17.21	148.5	14.06	142.6					100-110	88.47	2220	91.3,91.3
120	20.21	105.5	16.94	102.9					110-120	71.74	2291	94.3,94.3
130	22.36	82.59	18.56	80.36					120-130	50.00	2341	96.3,96.3
140	24.79	66.09	20.97	59.05					130-140	36.14	2377	97.8,97.8
150	25.65	50.28	21.78	49.78					140-150	25.61	2403	98.8,98.8
160	26.22	40.08	22.69	39.99					150-160	15.78	2419	99.5,99.5
170	31.19	35.99	29.07	35.97					160-170	9.380	2428	99.9,99.9
180	34.54	21.55	34.53	21.54					170-180	2.859	2431	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 846.64 lm

%lum = 34.8%

%lamp = 34.8%

Conical surface Flux(120deg): 1310.2 lm

%lum = 53.9%

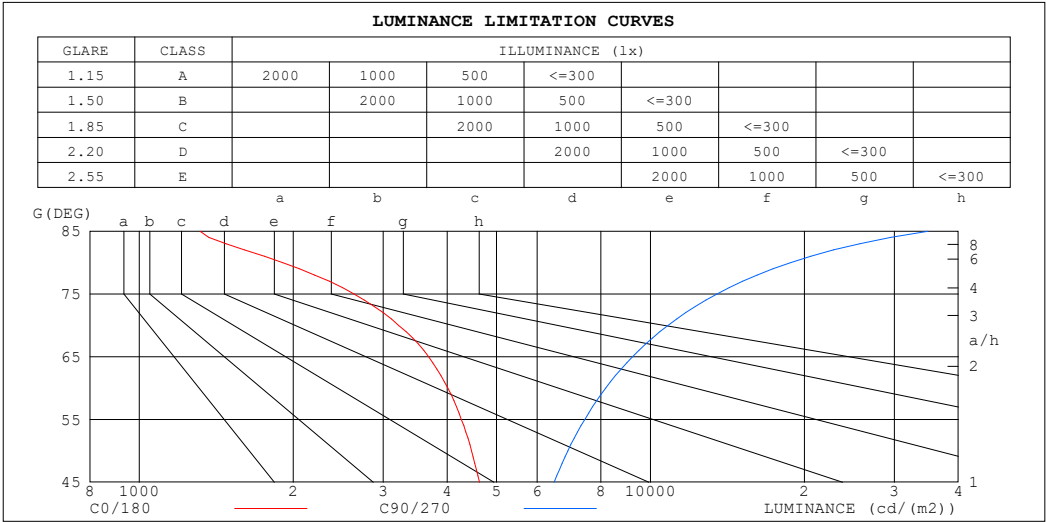
%lamp = 53.9%

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:04 February 2026

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity:65.0%
 Test Distance:7.380m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1314	34893
80	1908	18808
75	2629	13501
70	3214	10825
65	3679	9228
60	4011	8174
55	4267	7435
50	4467	6893
45	4627	6479

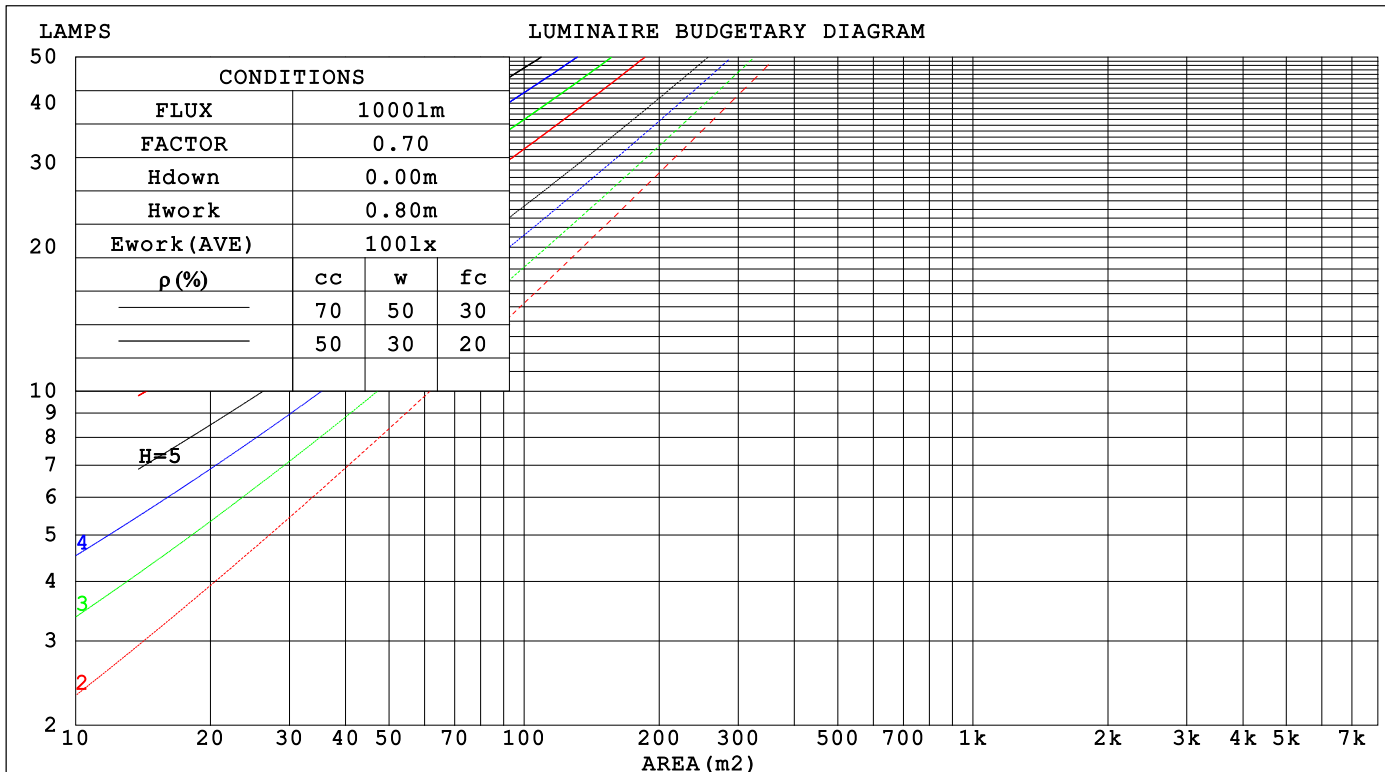
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.01	1.01	1.01	.93	.93	.93	.86	.86	.86	.82
1.0	.96	.90	.86	.92	.87	.82	.84	.80	.77	.77	.74	.71	.71	.68	.66	.62
2.0	.82	.74	.67	.78	.71	.65	.72	.66	.61	.66	.61	.57	.60	.56	.53	.50
3.0	.71	.62	.55	.68	.60	.53	.62	.55	.50	.57	.51	.47	.52	.48	.44	.41
4.0	.62	.53	.46	.60	.51	.44	.55	.48	.42	.50	.44	.39	.46	.41	.37	.34
5.0	.55	.46	.39	.53	.44	.38	.49	.41	.36	.45	.39	.34	.41	.36	.32	.29
6.0	.49	.40	.33	.47	.39	.32	.44	.36	.31	.40	.34	.29	.37	.32	.27	.25
7.0	.45	.35	.29	.43	.34	.28	.40	.32	.27	.37	.30	.26	.34	.28	.24	.22
8.0	.40	.32	.26	.39	.31	.25	.36	.29	.24	.34	.27	.23	.31	.26	.21	.19
9.0	.37	.29	.23	.36	.28	.22	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17
10.0	.34	.26	.21	.33	.25	.20	.31	.24	.19	.29	.23	.18	.27	.21	.17	.16



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.384	.219	.069	.372	.212	.067	.348	.200	.064	.326	.188	.060	.306	.177	.057		
2.0	.333	.183	.056	.322	.177	.055	.300	.167	.052	.281	.157	.049	.262	.148	.047		
3.0	.296	.158	.047	.286	.153	.046	.267	.145	.044	.249	.136	.042	.232	.128	.040		
4.0	.267	.139	.041	.258	.135	.040	.240	.127	.038	.224	.120	.036	.208	.113	.035		
5.0	.243	.124	.036	.234	.120	.035	.218	.114	.033	.203	.107	.032	.189	.101	.030		
6.0	.222	.111	.032	.215	.108	.031	.200	.103	.030	.187	.097	.028	.174	.091	.027		
7.0	.205	.101	.029	.198	.099	.028	.185	.093	.027	.172	.088	.026	.161	.083	.025		
8.0	.190	.093	.026	.184	.090	.026	.172	.086	.024	.160	.081	.023	.149	.077	.022		
9.0	.177	.086	.024	.171	.083	.023	.160	.079	.022	.150	.075	.021	.140	.071	.020		
10.0	.166	.080	.022	.160	.077	.022	.150	.073	.021	.140	.070	.020	.131	.066	.019		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.326	.326	.326	.279	.279	.279	.190	.190	.190	.109	.109	.109	.035	.035	.035		
1.0	.322	.292	.265	.276	.251	.228	.189	.173	.158	.109	.100	.092	.035	.032	.030		
2.0	.315	.269	.231	.270	.232	.199	.185	.160	.139	.107	.093	.082	.034	.030	.027		
3.0	.308	.253	.209	.264	.218	.181	.181	.152	.127	.105	.088	.075	.034	.029	.025		
4.0	.300	.240	.195	.258	.208	.169	.177	.145	.119	.102	.085	.070	.033	.028	.023		
5.0	.292	.231	.185	.251	.199	.161	.173	.139	.114	.100	.082	.067	.032	.027	.022		
6.0	.285	.223	.178	.245	.193	.155	.169	.135	.110	.098	.079	.065	.032	.026	.021		
7.0	.278	.216	.173	.239	.187	.150	.165	.131	.107	.096	.077	.063	.031	.025	.021		
8.0	.271	.210	.169	.234	.183	.147	.162	.128	.104	.094	.076	.062	.030	.025	.021		
9.0	.265	.206	.166	.228	.178	.144	.158	.125	.103	.092	.074	.061	.030	.024	.020		
10.0	.259	.201	.163	.223	.175	.142	.155	.123	.101	.090	.073	.060	.029	.024	.020		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm										
NAME: WS36-033B-金色 30W 30K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.: 1		
MFR.: EVERFINE					SUR.:			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	13.5	14.9	14.0	15.4	15.9	15.9	17.3	16.4	17.8	18.4
3H	14.8	16.1	15.3	16.6	17.2	18.7	20.0	19.3	20.6	21.2
4H	15.3	16.5	15.8	17.0	17.6	20.3	21.5	20.9	22.1	22.7
6H	15.5	16.7	16.1	17.2	17.9	22.1	23.2	22.7	23.8	24.5
8H	15.6	16.7	16.2	17.3	17.9	23.1	24.2	23.7	24.8	25.4
12H	15.6	16.6	16.2	17.2	17.9	24.2	25.3	24.8	25.9	26.6
4H 2H	14.6	15.8	15.2	16.4	17.0	16.4	17.6	17.0	18.2	18.8
3H	16.2	17.3	16.8	17.9	18.6	19.4	20.5	20.0	21.1	21.7
4H	16.9	17.9	17.5	18.5	19.2	21.2	22.1	21.8	22.8	23.5
6H	17.4	18.3	18.0	18.9	19.7	23.1	24.0	23.8	24.7	25.4
8H	17.6	18.4	18.2	19.0	19.8	24.3	25.1	24.9	25.7	26.5
12H	17.6	18.4	18.3	19.1	19.8	25.6	26.3	26.2	27.0	27.8
8H 4H	18.0	18.8	18.7	19.5	20.2	21.4	22.2	22.1	22.9	23.6
6H	18.9	19.6	19.6	20.2	21.0	23.6	24.3	24.3	25.0	25.8
8H	19.2	19.9	20.0	20.6	21.4	25.0	25.6	25.7	26.3	27.1
12H	19.5	20.1	20.3	20.8	21.7	26.5	27.1	27.2	27.8	28.6
12H 4H	18.4	19.1	19.0	19.8	20.6	21.4	22.2	22.1	22.8	23.6
6H	19.5	20.1	20.2	20.8	21.6	23.7	24.3	24.4	25.0	25.8
8H	20.0	20.6	20.8	21.3	22.1	25.1	25.7	25.8	26.4	27.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117, 2431 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.1)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

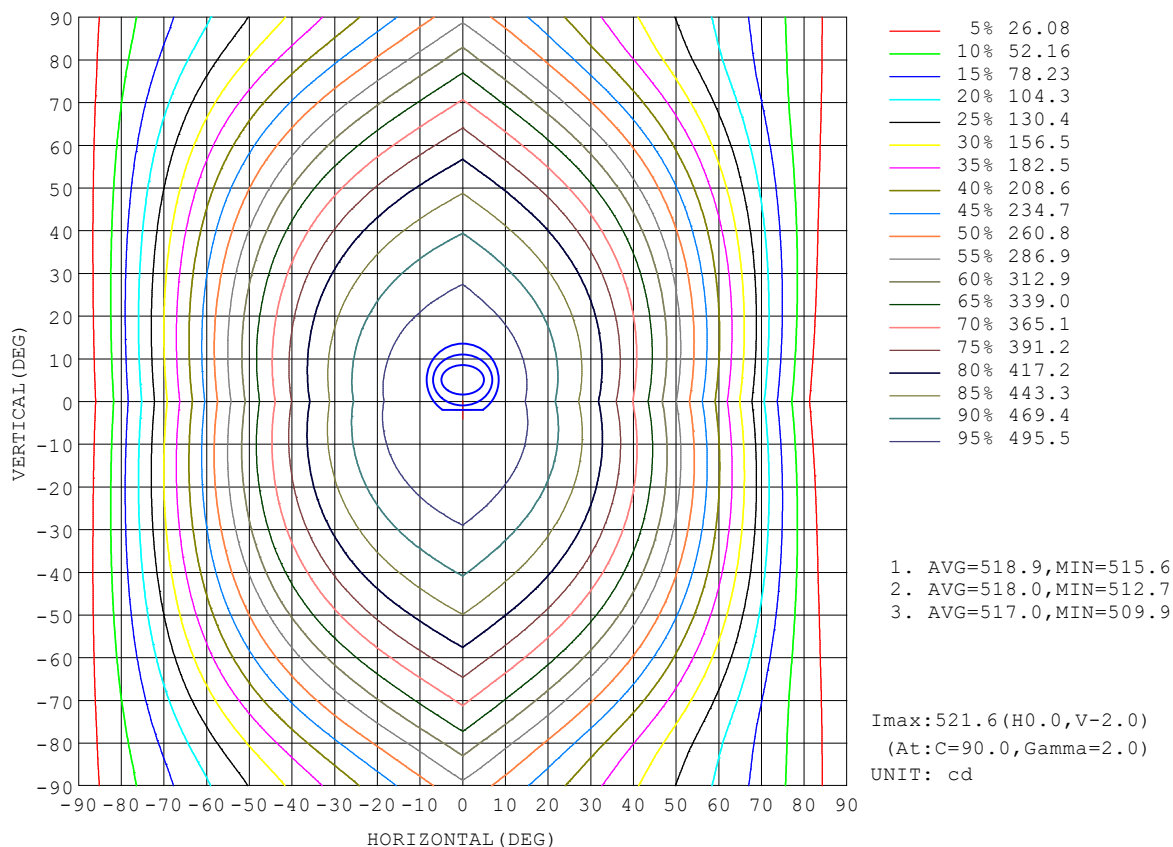
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	35	52	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	51	69	58	50	65	55	48	38
1.50	77	65	56	74	63	55	69	60	53	42
2.00	84	73	65	81	71	63	75	67	60	49
2.50	89	78	70	85	76	69	79	71	65	53
3.00	92	83	76	89	80	74	82	75	70	56
4.00	97	89	83	93	86	80	86	80	75	61
5.00	100	93	87	96	90	84	88	84	79	64
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

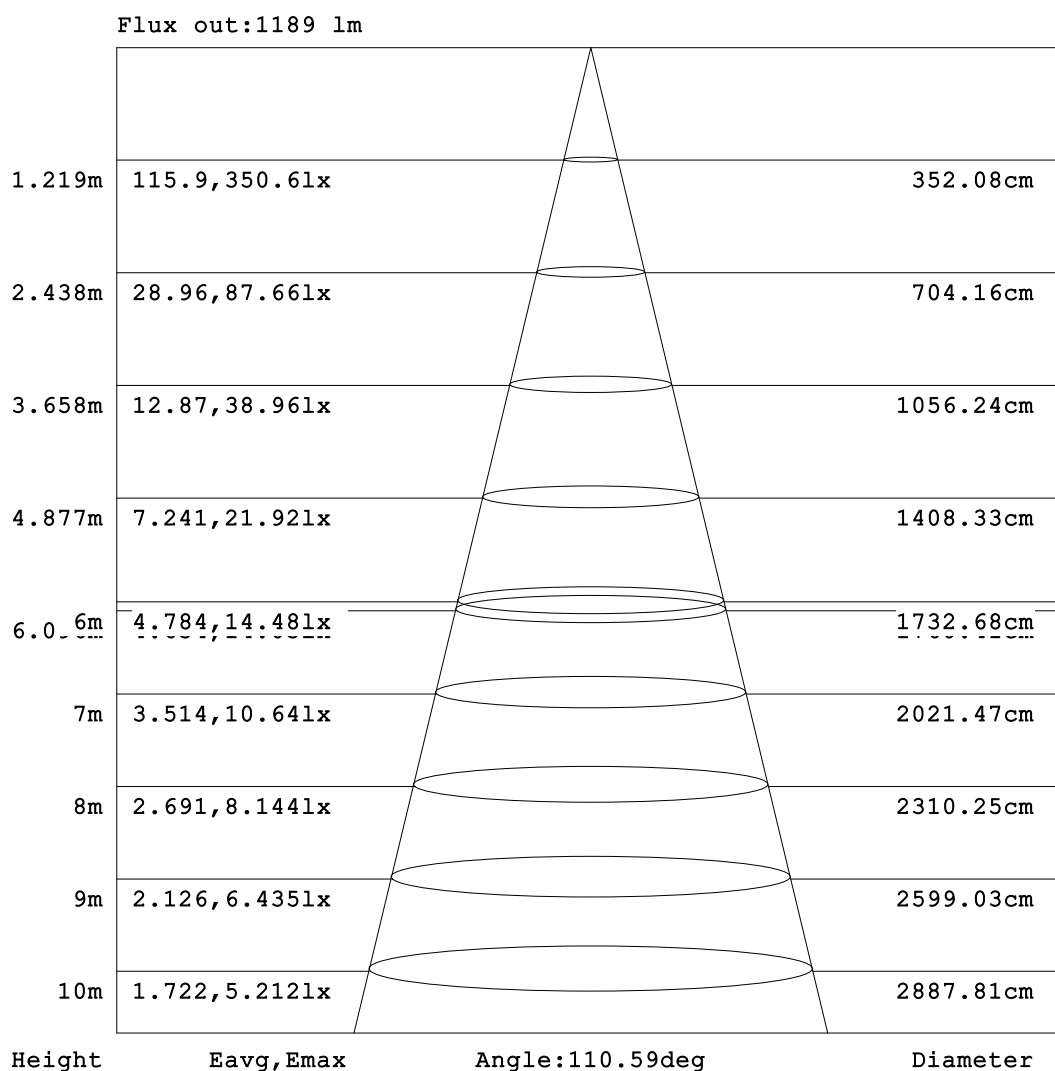


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



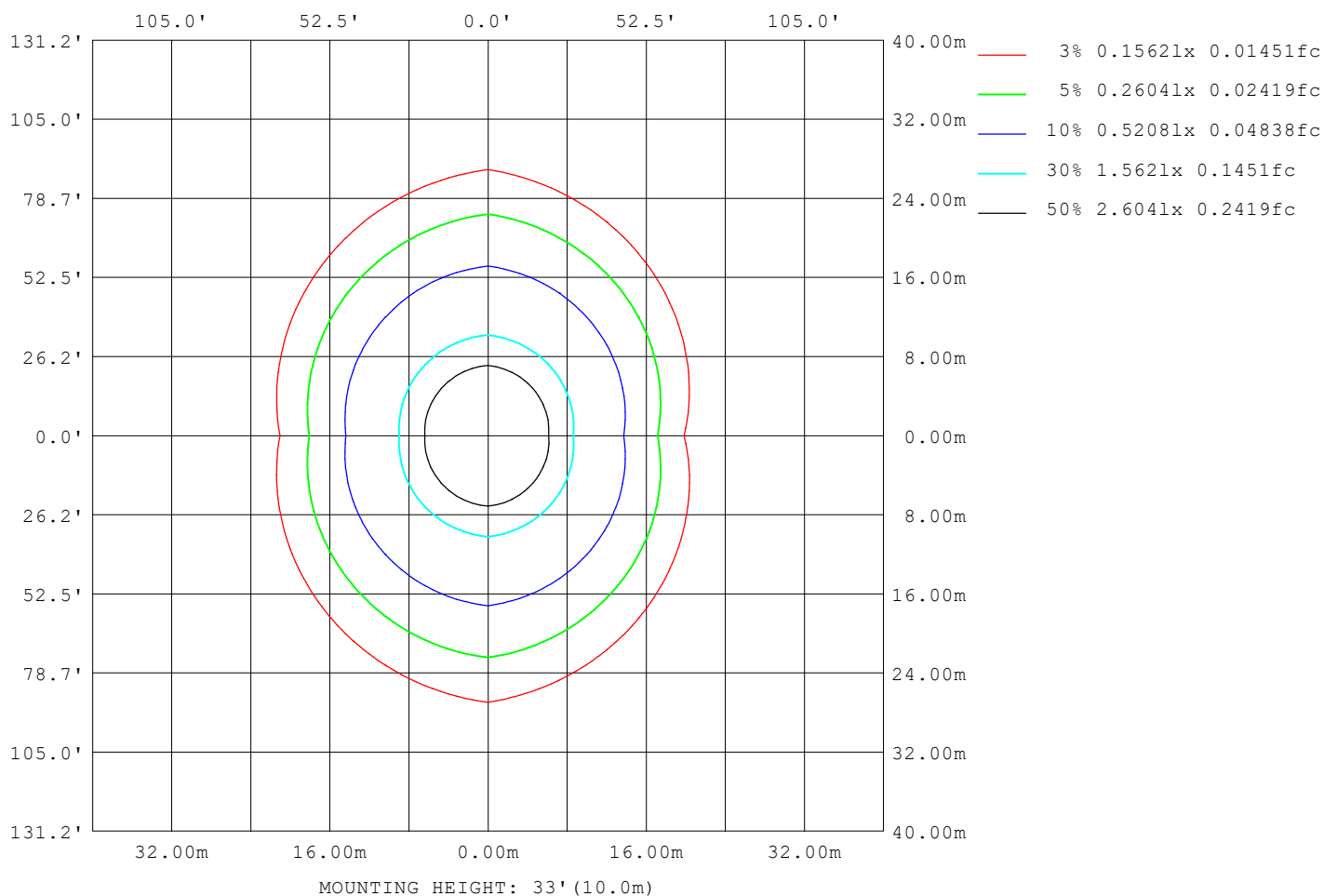
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

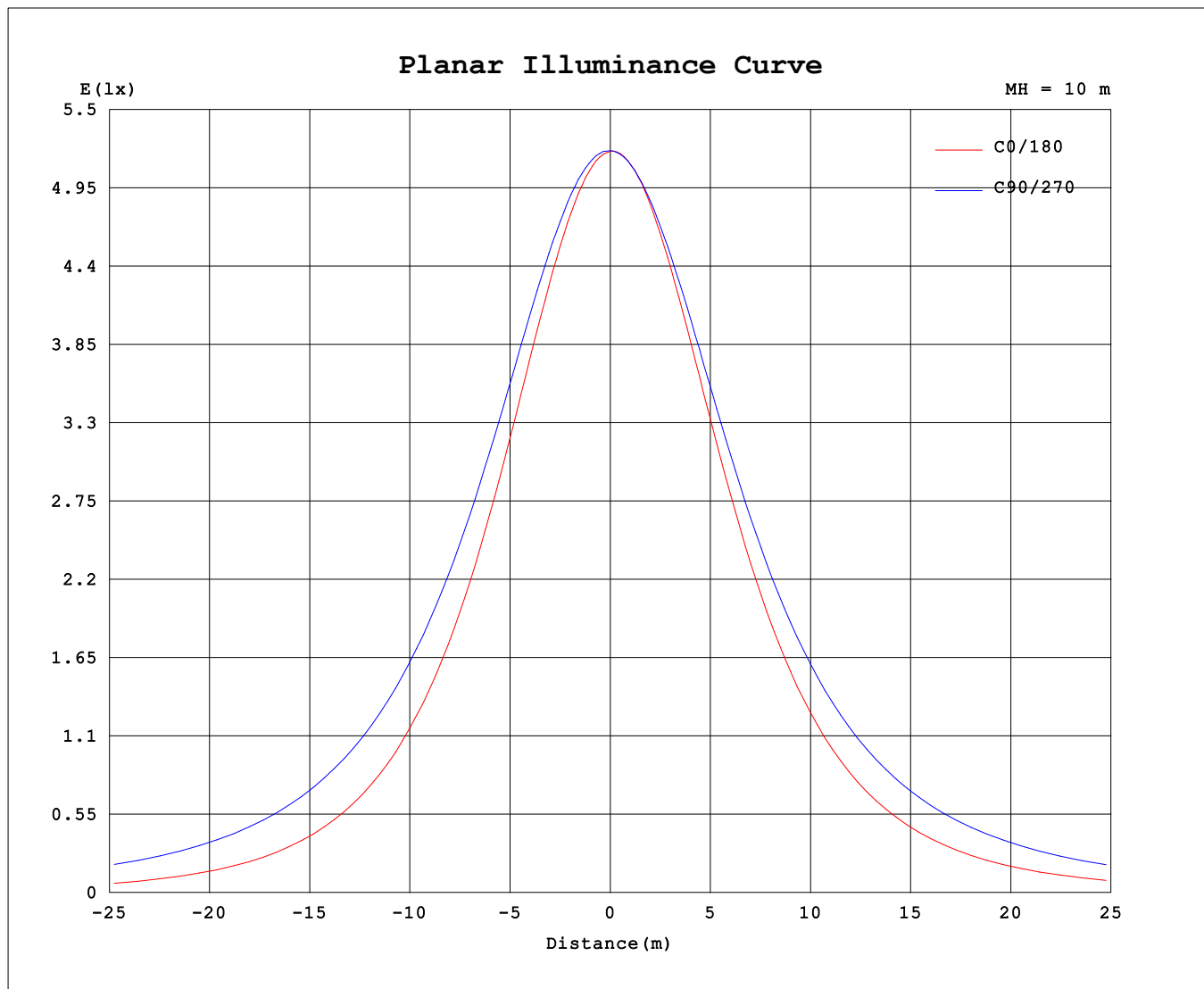
AvgL	cd/m2
L_0~180 (65) av	4131
L_0~180 (75) av	3363
L_0~180 (85) av	2460
L_90~270 (65) av	9197
L_90~270 (75) av	13456
L_90~270 (85) av	34849
L_45 (65) av	7326
L_45 (75) av	9717
L_45 (85) av	22775

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: DAMIN
Test Date: 04 February 2026

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 7.380m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.05V I:0.2671A P:30.017W PF:0.9363 Freq:59.98Hz Lamp Flux:2431.07x1 lm		
NAME: WS36-033B-金色 30W 30K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270															
0	521	521	521	521															
5	516	521	520	520															
10	507	519	515	516															
15	494	515	505	512															
20	476	510	490	506															
25	454	503	472	499															
30	428	494	449	490															
35	398	484	422	480															
40	364	472	392	468															
45	327	458	358	454															
50	287	443	321	440															
55	245	426	281	423															
60	201	409	239	406															
65	155	390	194	387															
70	110	370	149	368															
75	68.0	349	106	347															
80	33.1	327	65.2	325															
85	11.5	304	31.4	303															
90	8.62	281	11.5	281															
95	9.69	236	8.90	237															
100	11.8	179	9.63	176															
105	14.3	152	11.3	150															
110	17.2	148	14.1	143															
115	19.4	128	16.4	126															
120	20.2	106	16.9	103															
125	21.8	92.2	18.2	89.7															
130	22.4	82.6	18.6	80.4															
135	23.0	73.5	18.8	70.7															
140	24.8	66.1	21.0	59.0															
145	25.8	60.4	22.1	54.1															
150	25.6	50.3	21.8	49.8															
155	25.8	44.8	21.9	43.7															
160	26.2	40.1	22.7	40.0															
165	29.1	40.6	26.4	39.7															
170	31.2	36.0	29.1	36.0															
175	33.3	20.8	32.0	24.7															
180	34.5	21.6	34.5	21.5															

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:7.380m [K=1.0000]
Remarks: