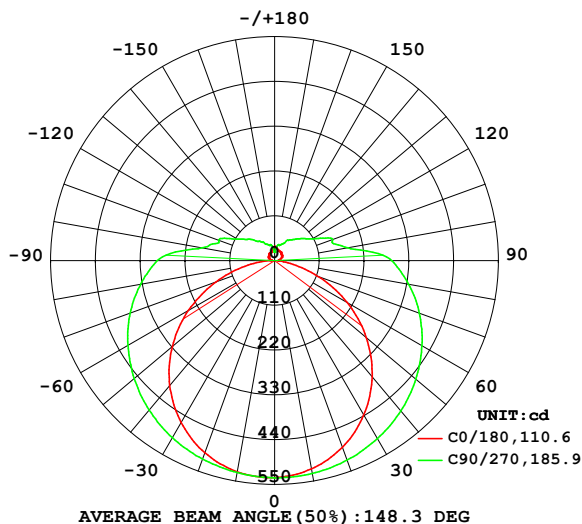


LUMINAIRE PHOTOMETRIC TEST REPORT

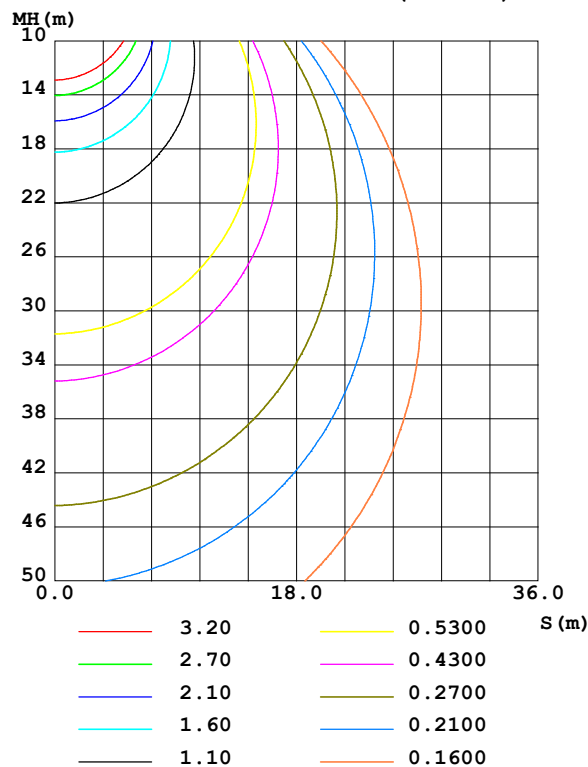
Test:U:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.33 lm/W			
MODEL	3500K	I _{max} (cd)	533.8	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)	2490.4	η UP,DN(C0-180)	9.1,40.2
NOMINAL FLUX(lm)	2490.38	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	8.8,42.0
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	519.6	531.0	527.0	528.7					0- 10	50.58	50.58	2.03,2.03
20	488.0	521.4	501.8	518.6					10- 20	146.5	197.1	7.92,7.92
30	438.1	505.1	459.4	502.5					20- 30	227.7	424.8	17.1,17.1
40	372.8	482.2	401.0	479.4					30- 40	285.9	710.7	28.5,28.5
50	294.2	452.8	328.0	450.4					40- 50	315.7	1026	41.2,41.2
60	205.7	417.9	244.1	416.2					50- 60	315.0	1341	53.9,53.9
70	112.6	378.7	152.8	377.4					60- 70	285.7	1627	65.3,65.3
80	33.90	334.0	66.62	333.9					70- 80	235.9	1863	74.8,74.8
90	8.796	287.9	11.69	288.4					80- 90	183.3	2046	82.2,82.2
100	12.04	183.3	9.817	181.2					90-100	136.2	2182	87.6,87.6
110	17.60	151.8	14.38	146.6					100-110	91.20	2274	91.3,91.3
120	20.69	108.1	17.33	105.6					110-120	73.63	2347	94.3,94.3
130	22.89	84.50	18.96	82.51					120-130	51.26	2398	96.3,96.3
140	25.40	67.58	21.41	62.42					130-140	36.93	2435	97.8,97.8
150	26.30	51.41	22.22	50.73					140-150	26.33	2462	98.8,98.8
160	26.88	40.95	23.16	41.00					150-160	16.16	2478	99.5,99.5
170	31.96	36.79	29.70	36.87					160-170	9.598	2487	99.9,99.9
180	35.35	22.02	35.35	22.02					170-180	2.924	2490	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 866.67 lm

%lum = 34.8%

%lamp = 34.8%

Conical surface Flux(120deg): 1341.3 lm

%lum = 53.9%

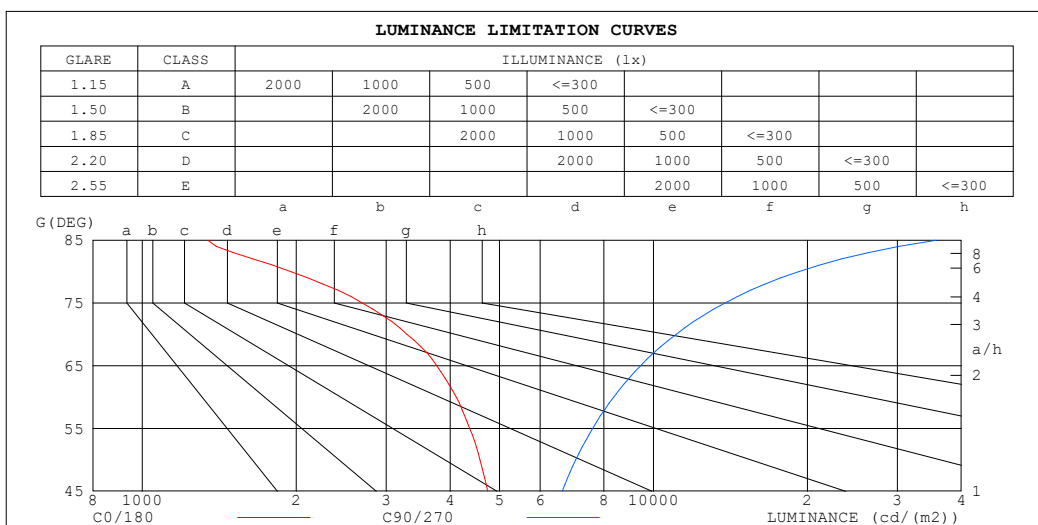
%lamp = 53.9%

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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1343	35701
80	1952	19236
75	2692	13806
70	3293	11071
65	3767	9437
60	4113	8359
55	4370	7601
50	4577	7044
45	4738	6626

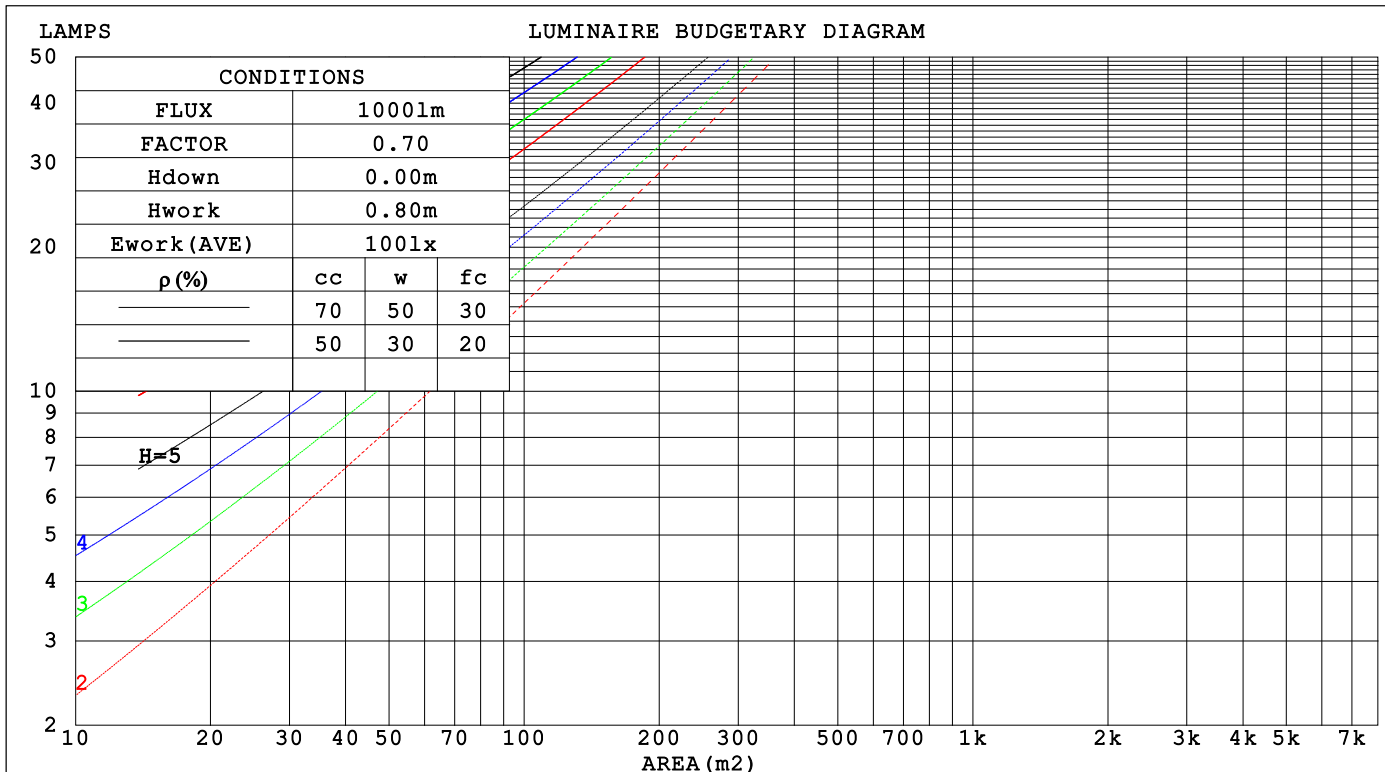
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	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	.15



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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	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	.144	.044	.249	.136	.042	.232	.128	.040		
4.0	.267	.139	.041	.258	.135	.040	.240	.127	.038	.224	.120	.036	.208	.113	.034		
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	.186	.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	.149	.075	.021	.139	.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	.293	.265	.276	.251	.228	.189	.173	.158	.109	.100	.092	.035	.032	.030		
2.0	.316	.270	.231	.270	.232	.200	.185	.161	.139	.107	.093	.082	.034	.030	.027		
3.0	.308	.253	.209	.264	.218	.181	.181	.152	.127	.105	.089	.075	.034	.029	.025		
4.0	.300	.241	.195	.258	.208	.169	.177	.145	.119	.103	.085	.071	.033	.028	.023		
5.0	.293	.231	.185	.251	.200	.161	.173	.140	.114	.100	.082	.067	.032	.027	.022		
6.0	.285	.223	.178	.245	.193	.155	.169	.135	.110	.098	.079	.065	.032	.026	.022		
7.0	.278	.216	.173	.239	.188	.151	.165	.131	.107	.096	.077	.064	.031	.025	.021		
8.0	.272	.211	.169	.234	.183	.147	.162	.128	.105	.094	.076	.062	.030	.025	.021		
9.0	.265	.206	.166	.229	.179	.145	.158	.126	.103	.092	.074	.061	.030	.024	.020		
10.0	.259	.202	.163	.224	.175	.143	.155	.123	.101	.091	.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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm										
NAME: WS36-033B-金色 30W 35K					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	14.8	14.0	15.3	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	20.5	21.1
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	24.4
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	26.5
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	21.1	22.1	21.8	22.7	23.4
6H	17.4	18.3	18.0	18.9	19.7	23.1	24.0	23.8	24.6	25.4
8H	17.5	18.4	18.2	19.0	19.8	24.2	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	18.6	19.5	20.2	21.4	22.2	22.0	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	19.9	20.6	21.4	24.9	25.6	25.6	26.3	27.1
12H	19.5	20.1	20.3	20.8	21.6	26.5	27.0	27.2	27.8	28.6
12H 4H	18.3	19.1	19.0	19.8	20.5	21.4	22.1	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	20.7	21.3	22.1	25.1	25.6	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, 2490 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)
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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

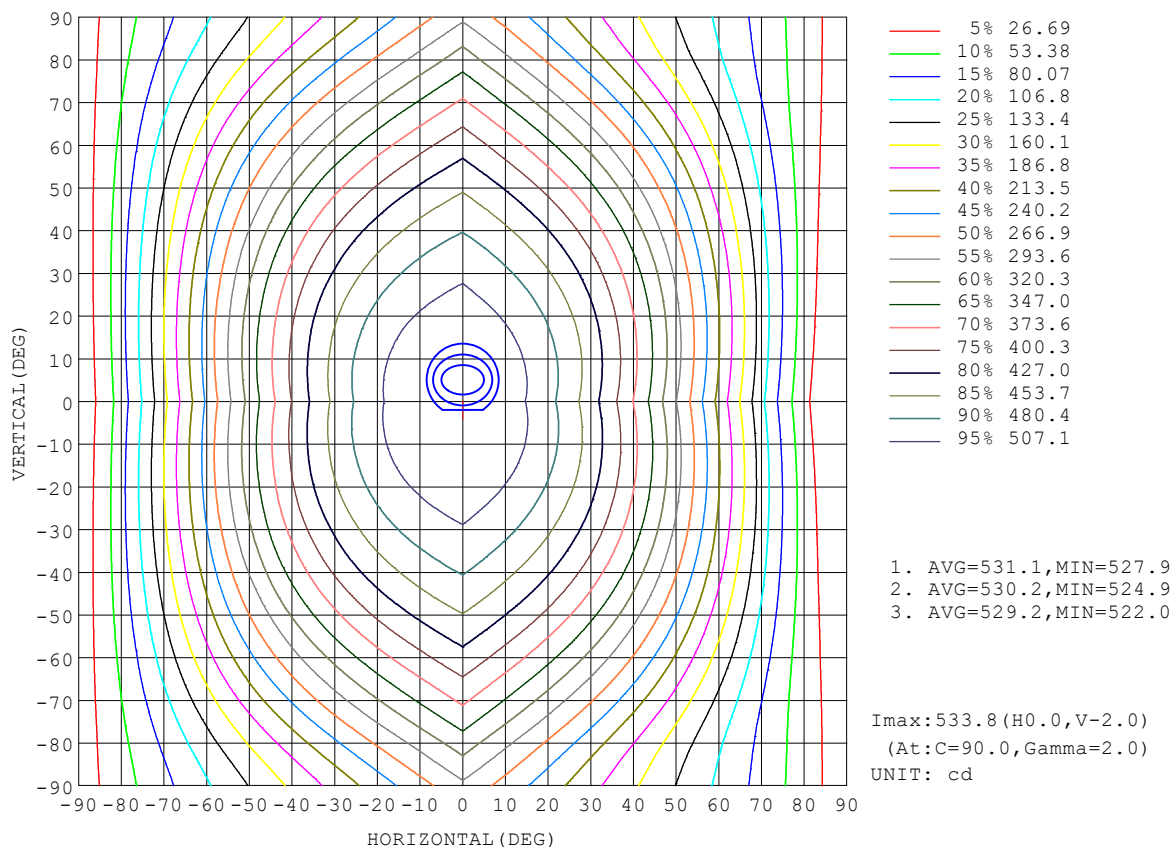
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	35	52	42	35	27
1.00	65	52	43	63	51	43	59	51	42	33
1.25	72	59	50	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	83	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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

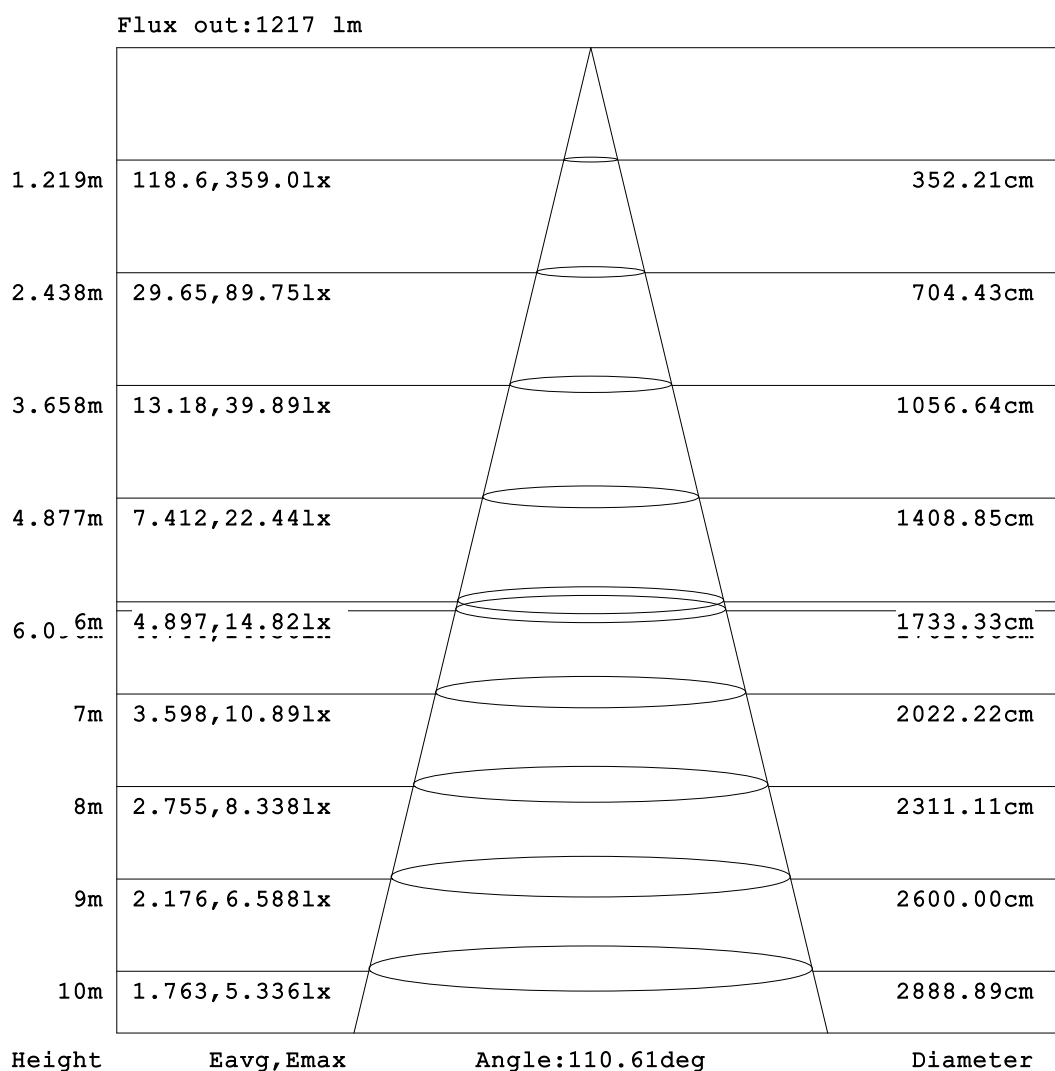


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



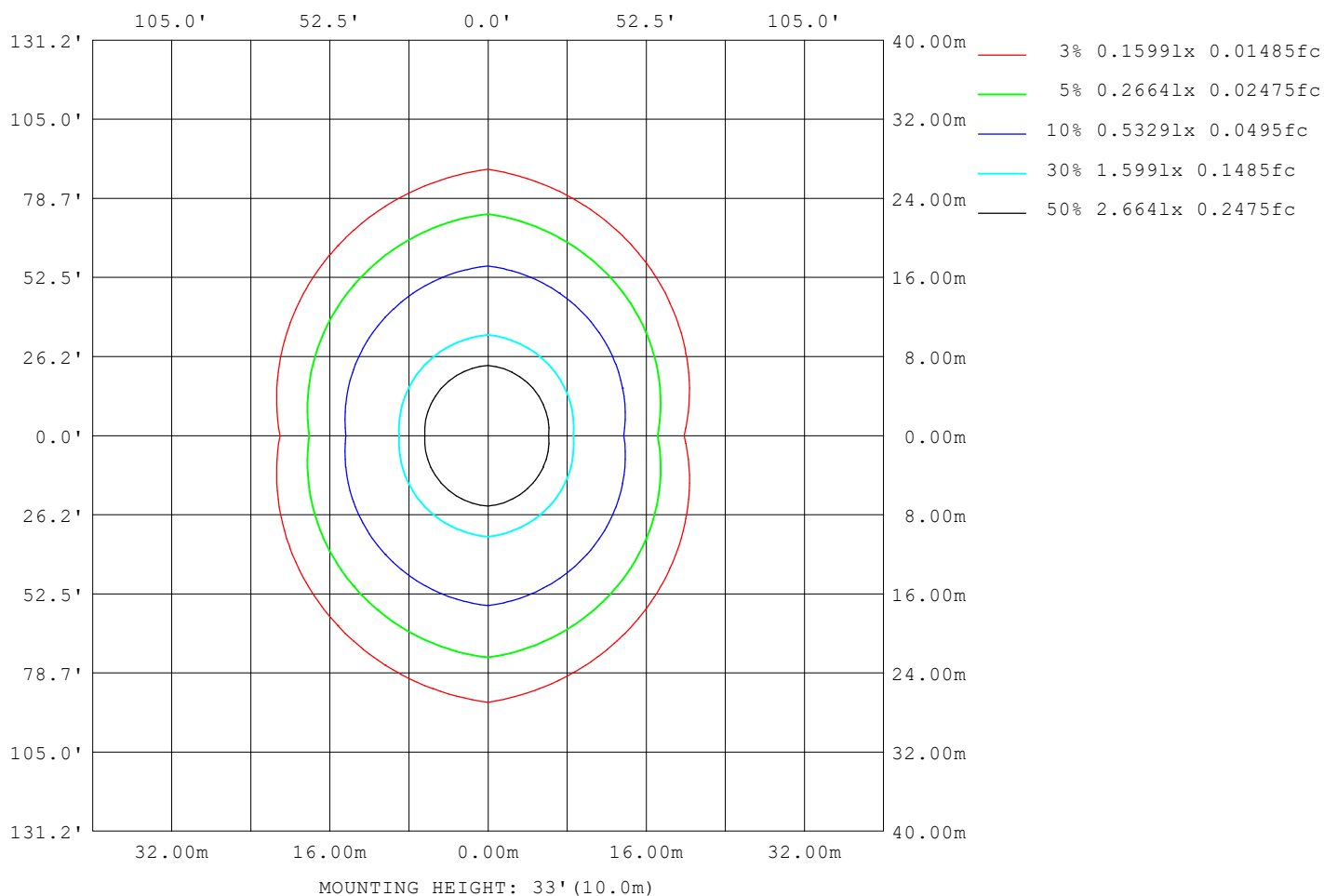
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

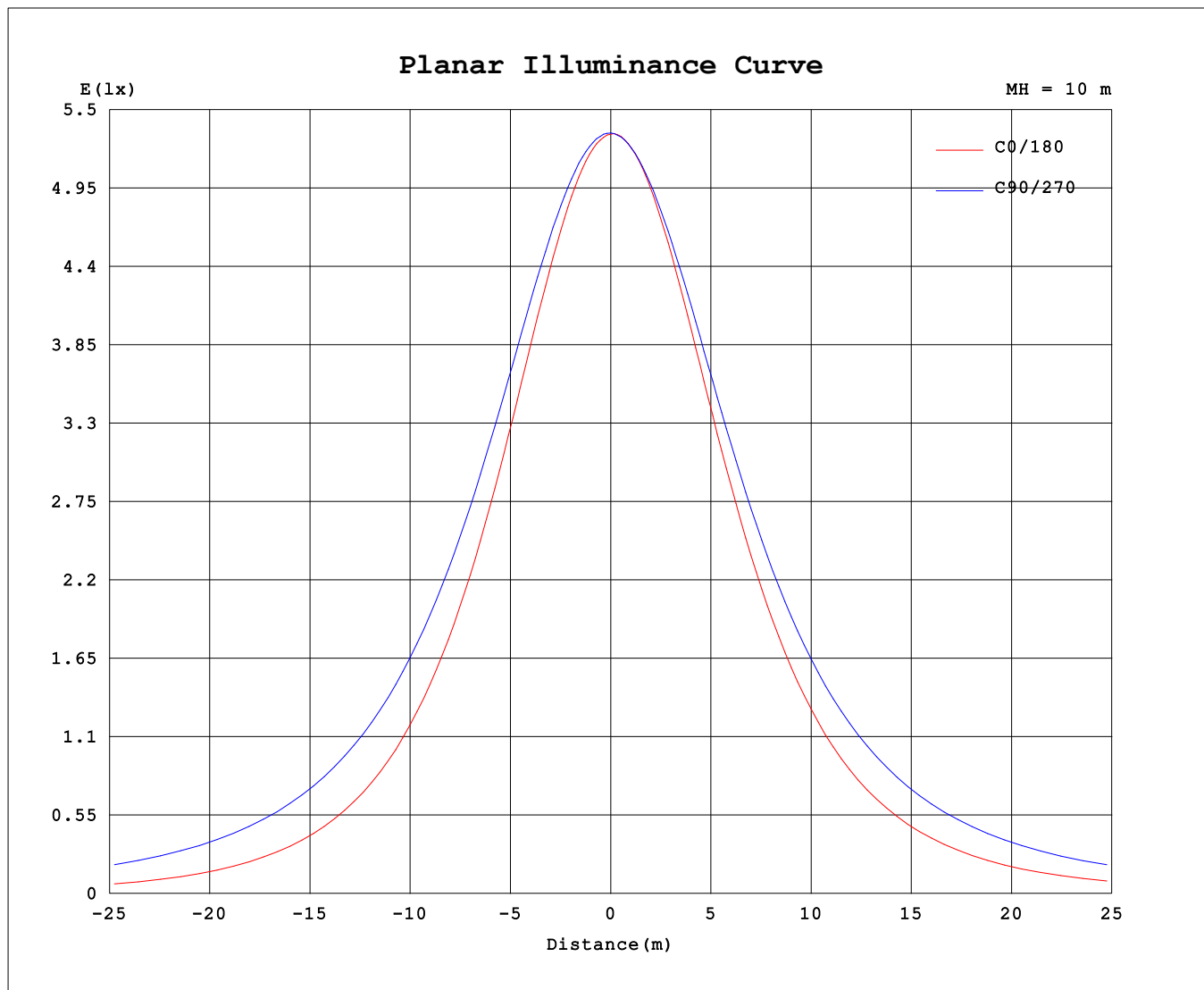
AvgL	cd/m2
L_0~180 (65) av	4226
L_0~180 (75) av	3439
L_0~180 (85) av	2505
L_90~270 (65) av	9420
L_90~270 (75) av	13788
L_90~270 (85) av	35708
L_45 (65) av	7501
L_45 (75) av	9954
L_45 (85) av	23330

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:120.03V I:0.2662A P:29.887W PF:0.9352 Freq:59.98Hz Lamp Flux:2490.38x1 lm		
NAME: WS36-033B-金色 30W 35K	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	533	534	533	534														
5	529	533	532	532														
10	520	531	527	529														
15	506	527	517	524														
20	488	521	502	519														
25	465	514	483	511														
30	438	505	459	503														
35	407	495	432	492														
40	373	482	401	479														
45	335	469	366	466														
50	294	453	328	450														
55	251	436	287	434														
60	206	418	244	416														
65	159	399	198	397														
70	113	379	153	377														
75	69.7	357	108	356														
80	33.9	334	66.6	334														
85	11.7	311	32.0	311														
90	8.80	288	11.7	288														
95	9.92	243	9.07	245														
100	12.0	183	9.82	181														
105	14.7	156	11.5	158														
110	17.6	152	14.4	147														
115	19.8	131	16.8	130														
120	20.7	108	17.3	106														
125	22.3	94.4	18.6	92.3														
130	22.9	84.5	19.0	82.5														
135	23.5	75.2	19.2	71.2														
140	25.4	67.6	21.4	62.4														
145	26.5	61.7	22.6	56.3														
150	26.3	51.4	22.2	50.7														
155	26.4	45.8	22.3	44.9														
160	26.9	40.9	23.2	41.0														
165	29.8	41.4	27.0	40.7														
170	32.0	36.8	29.7	36.9														
175	34.1	21.3	32.7	25.1														
180	35.4	22.0	35.3	22.0														

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: