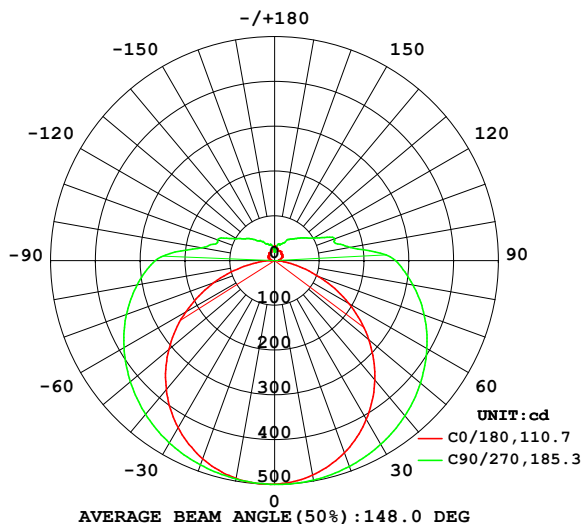


LUMINAIRE PHOTOMETRIC TEST REPORT

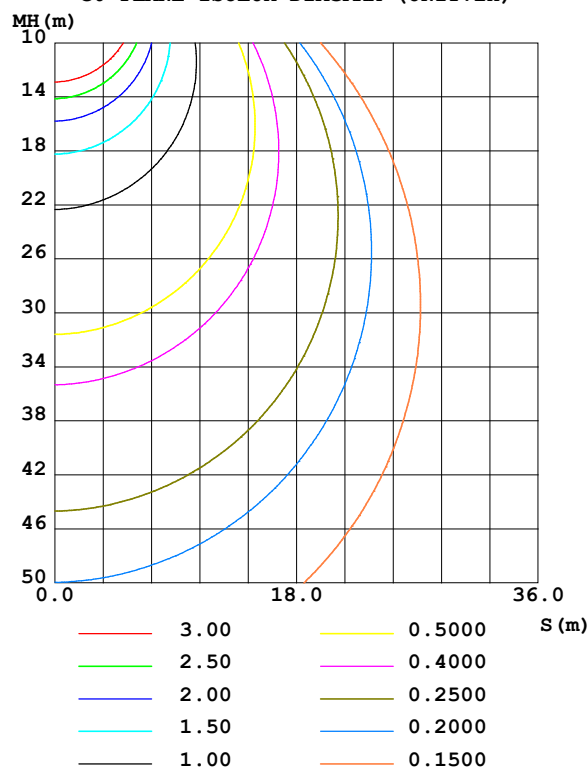
Test:U:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 77.83 lm/W
MODEL	2700K	I _{max} (cd)	500.0	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)	2329.5	η UP,DN(C0-180)	9.1,40.3	
NOMINAL FLUX(lm)	2329.46	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	8.7,42.0	
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	486.6	497.7	493.8	495.1					0- 10	47.39	47.39	2.03,2.03
20	456.5	489.0	470.8	485.2					10- 20	137.3	184.7	7.93,7.93
30	409.6	473.8	431.0	470.2					20- 30	213.3	398.0	17.1,17.1
40	348.3	452.7	376.4	448.3					30- 40	267.8	665.7	28.6,28.6
50	274.6	425.4	308.3	420.6					40- 50	295.7	961.4	41.3,41.3
60	191.5	392.6	228.6	388.4					50- 60	294.9	1256	53.9,53.9
70	104.8	355.5	143.7	352.3					60- 70	267.5	1524	65.4,65.4
80	31.39	313.6	62.77	311.6					70- 80	220.7	1745	74.9,74.9
90	8.224	270.5	11.19	266.5					80- 90	171.4	1916	82.2,82.2
100	11.19	172.2	9.283	165.6					90-100	126.1	2042	87.7,87.7
110	16.39	142.7	13.54	136.4					100-110	84.62	2127	91.3,91.3
120	19.18	101.3	16.37	98.47					110-120	68.57	2195	94.2,94.2
130	21.23	79.32	17.92	77.08					120-130	47.93	2243	96.3,96.3
140	23.51	63.43	20.30	58.69					130-140	34.73	2278	97.8,97.8
150	24.29	48.33	21.12	47.76					140-150	24.70	2303	98.8,98.8
160	24.94	38.59	21.99	38.37					150-160	15.15	2318	99.5,99.5
170	29.79	34.50	28.03	34.53					160-170	9.004	2327	99.9,99.9
180	33.16	20.94	33.15	20.89					170-180	2.747	2329	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 811.87 lm

%lum = 34.9%

%lamp = 34.9%

Conical surface Flux(120deg): 1256.3 lm

%lum = 53.9%

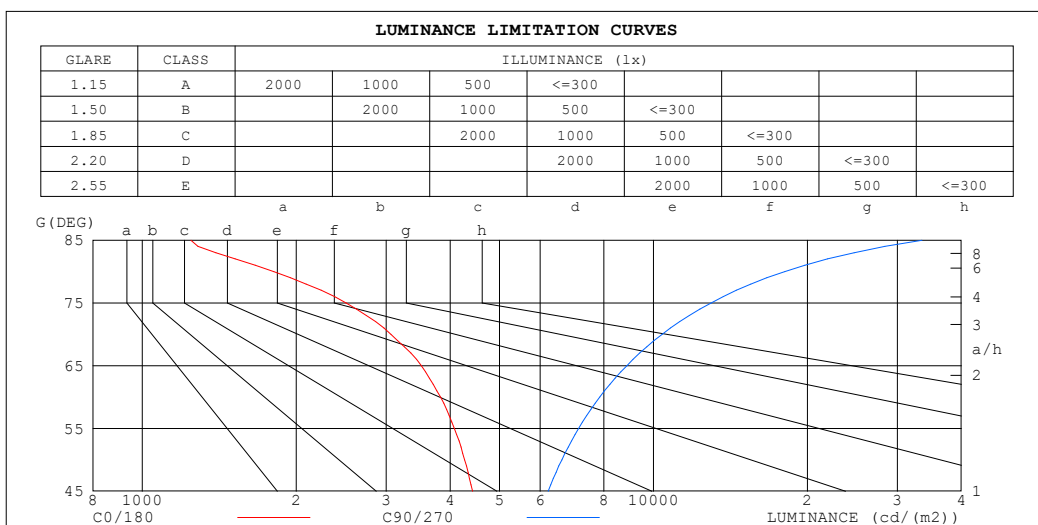
%lamp = 53.9%

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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1244	33511
80	1808	18061
75	2504	12957
70	3065	10393
65	3515	8865
60	3831	7851
55	4077	7139
50	4273	6619
45	4425	6221

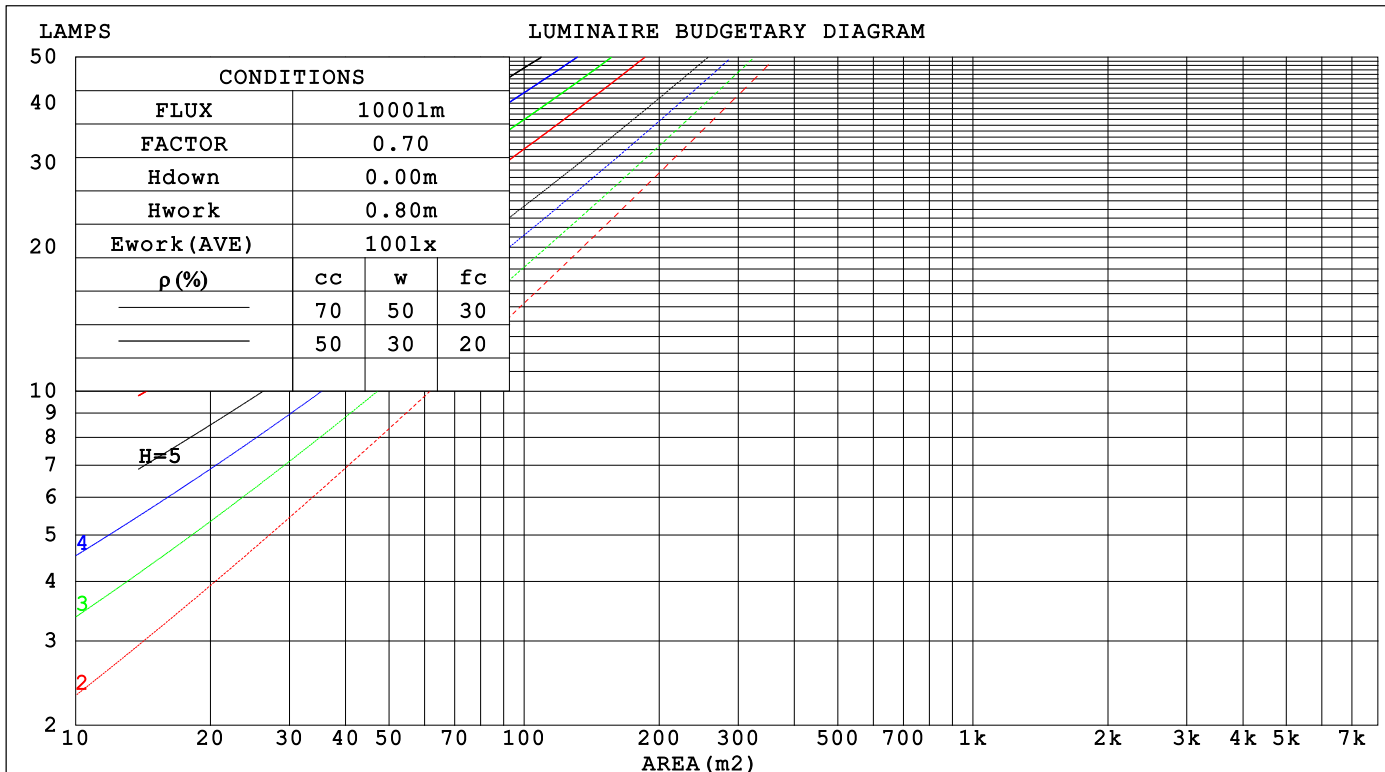
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	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	.56	.50	.57	.52	.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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	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	.178	.057	
2.0	.333	.183	.056	.322	.177	.055	.301	.167	.052	.281	.158	.049	.263	.148	.047	
3.0	.296	.158	.047	.286	.153	.046	.267	.145	.044	.249	.136	.042	.232	.129	.040	
4.0	.267	.139	.041	.258	.135	.040	.240	.127	.038	.224	.120	.036	.209	.113	.035	
5.0	.243	.124	.036	.234	.120	.035	.218	.114	.033	.203	.107	.032	.190	.101	.030	
6.0	.222	.111	.032	.215	.108	.031	.200	.103	.030	.187	.097	.028	.174	.092	.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	.084	.023	.160	.079	.022	.150	.075	.021	.140	.071	.020	
10.0	.166	.080	.022	.160	.077	.022	.150	.074	.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	.278	.278	.278	.190	.190	.190	.109	.109	.109	.035	.035	.035		
1.0	.322	.292	.265	.275	.250	.228	.188	.172	.158	.108	.100	.092	.035	.032	.030		
2.0	.315	.269	.230	.270	.232	.199	.185	.160	.139	.107	.093	.081	.034	.030	.027		
3.0	.308	.253	.209	.264	.218	.181	.181	.151	.127	.105	.088	.075	.034	.029	.024		
4.0	.300	.240	.194	.257	.207	.169	.177	.145	.119	.102	.085	.070	.033	.028	.023		
5.0	.292	.230	.184	.251	.199	.160	.173	.139	.113	.100	.082	.067	.032	.027	.022		
6.0	.285	.222	.177	.245	.192	.155	.169	.135	.109	.098	.079	.065	.032	.026	.021		
7.0	.278	.216	.172	.239	.187	.150	.165	.131	.106	.096	.077	.063	.031	.025	.021		
8.0	.271	.210	.168	.233	.182	.147	.161	.128	.104	.094	.075	.062	.030	.025	.021		
9.0	.265	.205	.165	.228	.178	.144	.158	.125	.102	.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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm										
NAME: WS36-033B-金色 30W 27K					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	16.0	17.3	16.5	17.8	18.4
3H	14.8	16.1	15.3	16.6	17.2	18.8	20.0	19.3	20.6	21.2
4H	15.2	16.5	15.8	17.0	17.6	20.3	21.6	20.9	22.1	22.7
6H	15.5	16.6	16.1	17.2	17.9	22.1	23.2	22.7	23.8	24.5
8H	15.6	16.7	16.1	17.2	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	21.8
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	19.6	23.2	24.0	23.8	24.7	25.4
8H	17.5	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	18.6	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	19.9	20.6	21.4	25.0	25.6	25.7	26.3	27.1
12H	19.5	20.1	20.3	20.8	21.6	26.5	27.1	27.3	27.8	28.6
12H 4H	18.3	19.1	19.0	19.8	20.5	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	25.9
8H	20.0	20.6	20.7	21.3	22.1	25.1	25.7	25.9	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, 2329 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)
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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

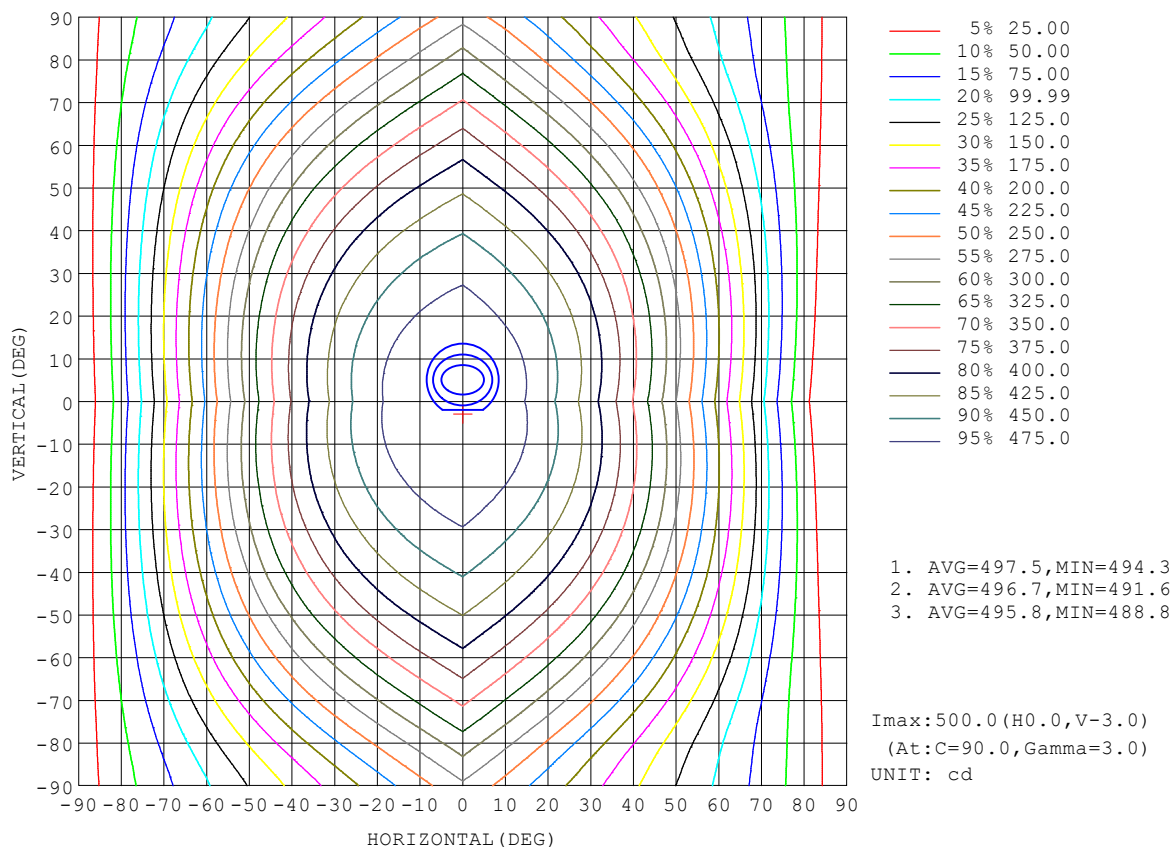
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	36	53	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	85	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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

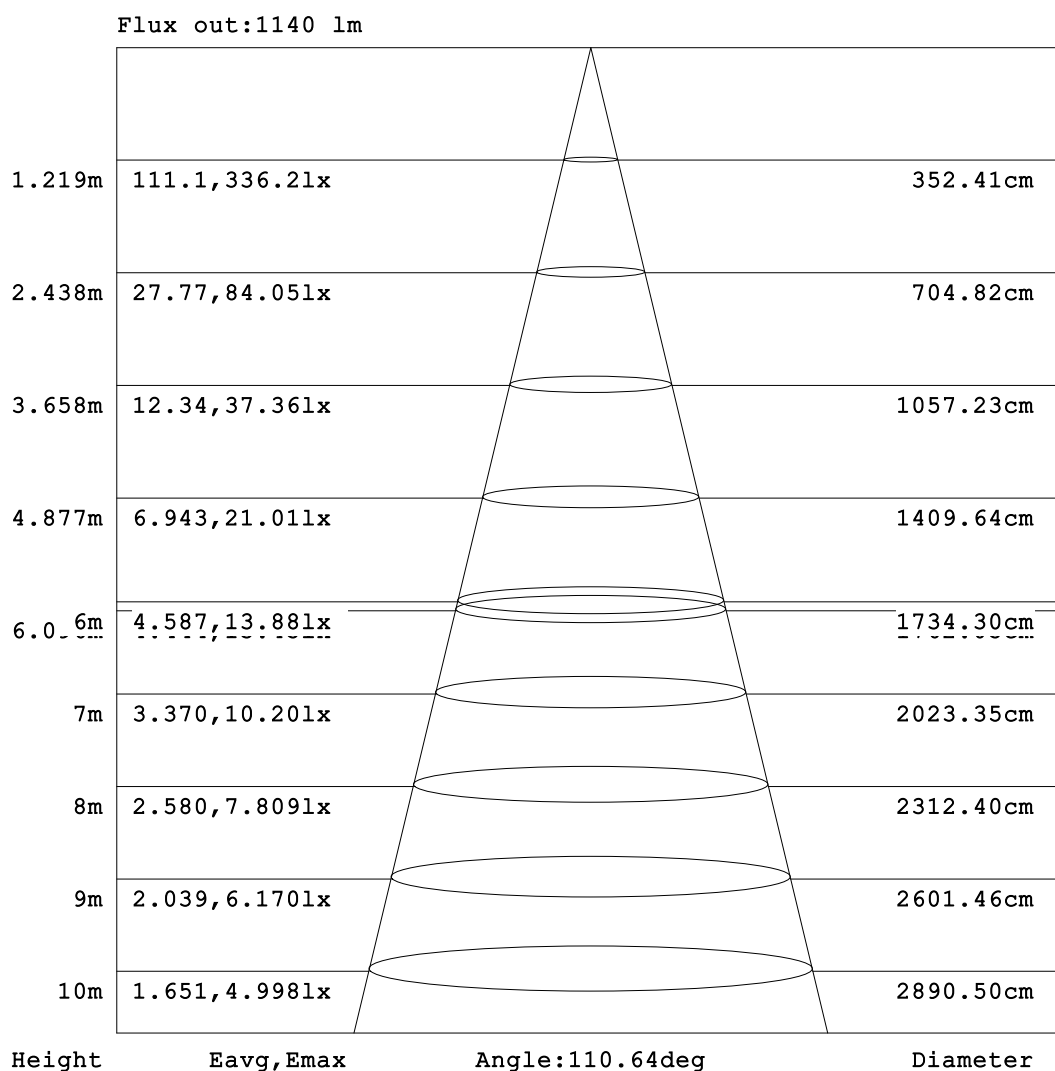


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 04 February 2026

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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



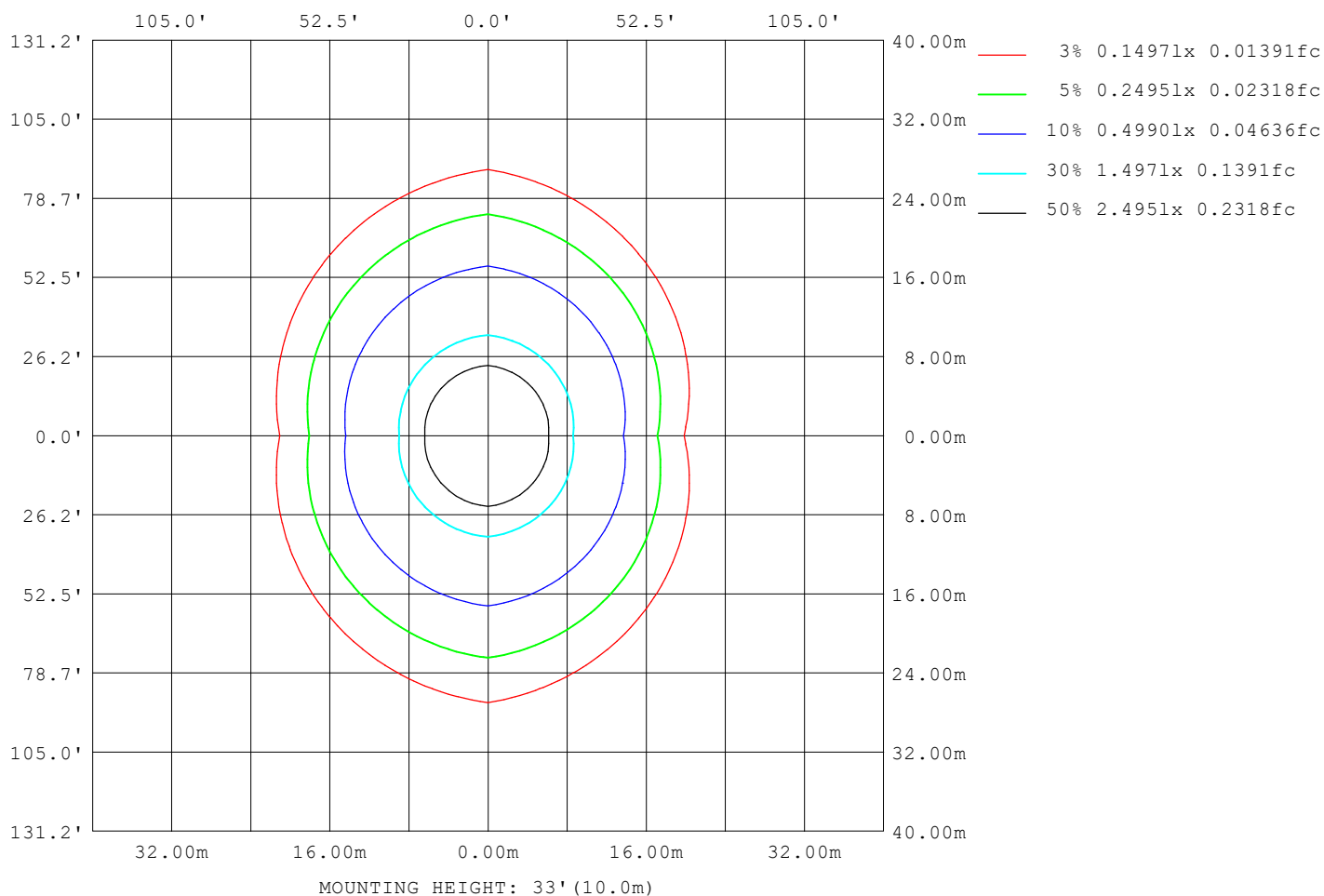
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

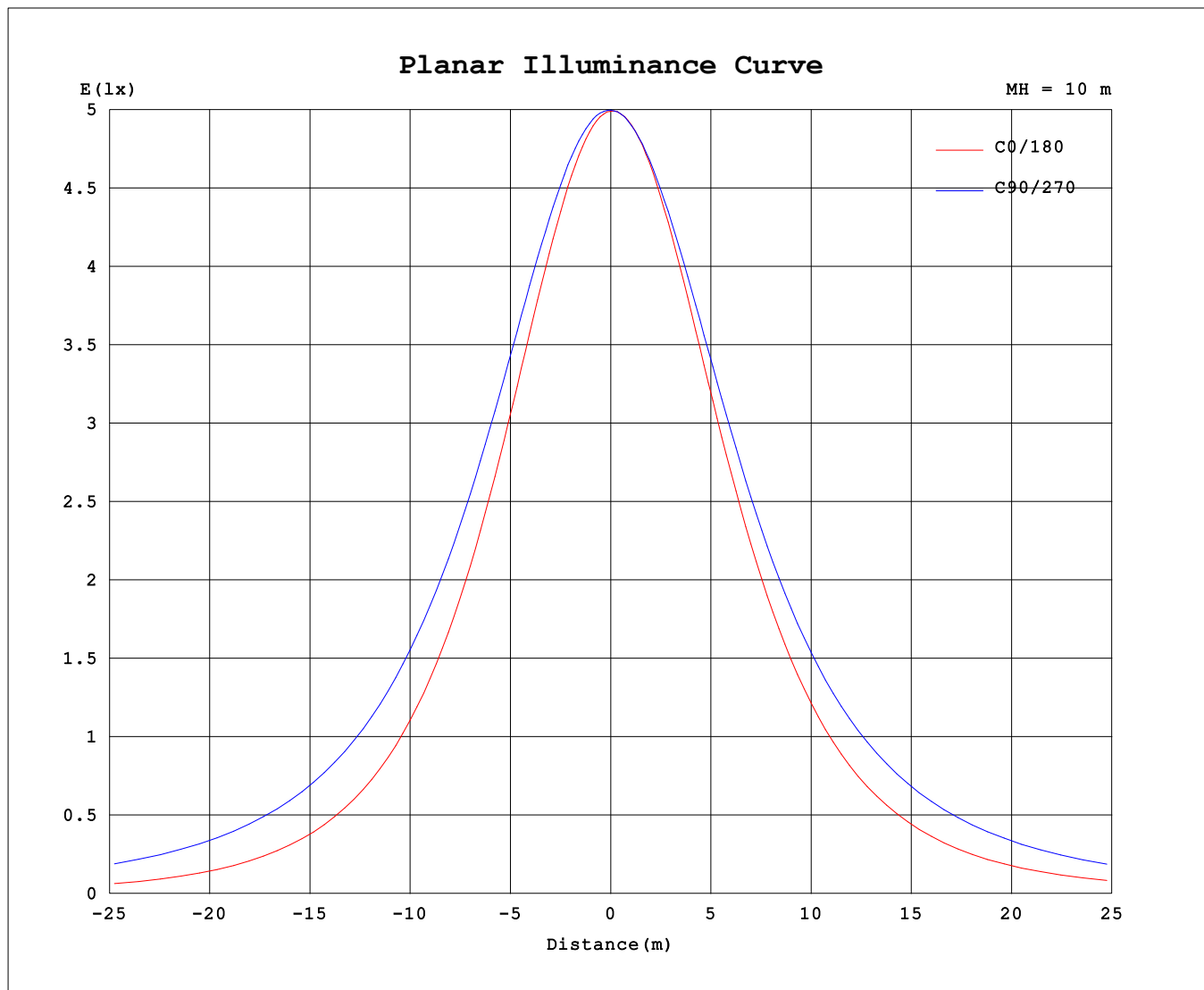
AvgL	cd/m2
L_0~180 (65) av	3962
L_0~180 (75) av	3220
L_0~180 (85) av	2361
L_90~270 (65) av	8822
L_90~270 (75) av	12896
L_90~270 (85) av	33389
L_45 (65) av	7027
L_45 (75) av	9312
L_45 (85) av	21823

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:120.02V I:0.2665A P:29.928W PF:0.9357 Freq:59.98Hz Lamp Flux:2329.46x1 lm		
NAME: WS36-033B-金色 30W 27K	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	499	500	499	500														
5	495	500	499	498														
10	487	498	494	495														
15	474	494	484	491														
20	456	489	471	485														
25	435	482	453	479														
30	410	474	431	470														
35	380	464	406	460														
40	348	453	376	448														
45	313	440	344	435														
50	275	425	308	421														
55	234	409	270	405														
60	192	393	229	388														
65	149	375	186	371														
70	105	355	144	352														
75	64.8	335	102	332														
80	31.4	314	62.8	312														
85	10.8	292	30.3	290														
90	8.22	271	11.2	266														
95	9.22	226	8.51	223														
100	11.2	172	9.28	166														
105	13.6	146	10.9	142														
110	16.4	143	13.5	136														
115	18.5	123	15.8	119														
120	19.2	101	16.4	98.5														
125	20.7	88.6	17.6	85.2														
130	21.2	79.3	17.9	77.1														
135	21.8	70.6	18.2	67.5														
140	23.5	63.4	20.3	58.7														
145	24.5	58.0	21.4	53.9														
150	24.3	48.3	21.1	47.8														
155	24.5	43.0	21.2	42.0														
160	24.9	38.6	22.0	38.4														
165	27.8	38.9	25.5	38.2														
170	29.8	34.5	28.0	34.5														
175	31.9	20.1	30.8	23.8														
180	33.2	20.9	33.1	20.9														

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: