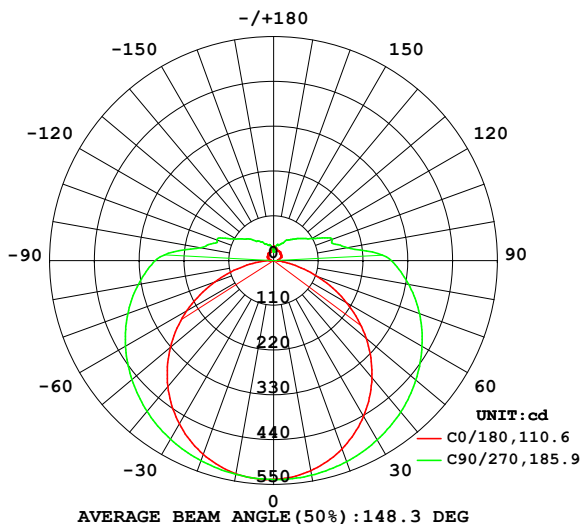


LUMINAIRE PHOTOMETRIC TEST REPORT

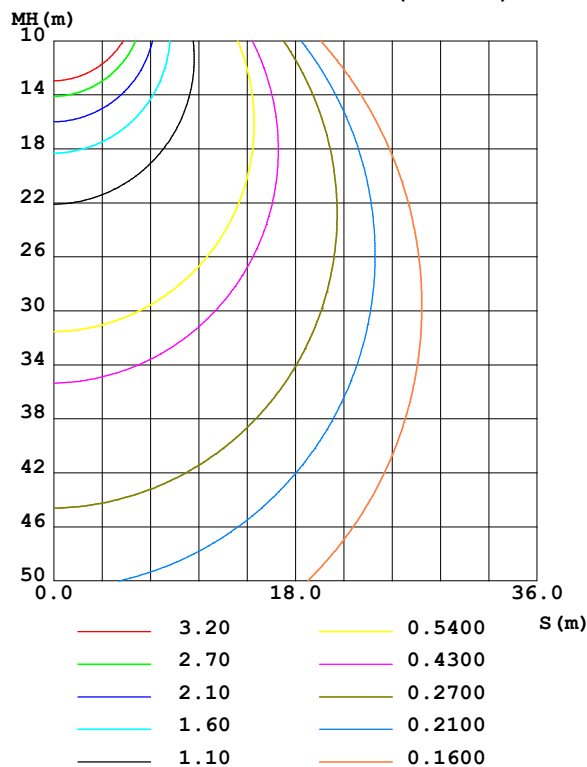
Test:U:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 83.00 lm/W
MODEL	4000K	I _{max} (cd)	538.0	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)	2512.1	η UP,DN(C0-180)	9.1,40.2	
NOMINAL FLUX(lm)	2512.13	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	8.8,42.0	
LAMPS INSIDE	1	η up(%)	17.9	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	120	η down(%)	82.1	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	524.3	535.3	531.5	533.1					0- 10	51.01	51.01	2.03,2.03
20	492.0	525.2	506.4	522.8					10- 20	147.8	198.8	7.91,7.91
30	441.7	508.7	463.3	506.8					20- 30	229.5	428.3	17,17
40	376.1	486.2	404.5	483.7					30- 40	288.3	716.6	28.5,28.5
50	297.0	456.3	331.0	454.5					40- 50	318.4	1035	41.2,41.2
60	207.5	420.8	246.2	420.1					50- 60	317.7	1353	53.8,53.8
70	113.6	381.5	154.2	381.2					60- 70	288.2	1641	65.3,65.3
80	34.25	336.8	67.21	337.4					70- 80	238.0	1879	74.8,74.8
90	8.885	289.8	11.78	291.2					80- 90	184.9	2064	82.1,82.1
100	12.21	184.6	9.903	183.4					90-100	137.4	2201	87.6,87.6
110	17.81	153.0	14.48	148.7					100-110	92.16	2293	91.3,91.3
120	20.90	108.8	17.47	106.8					110-120	74.37	2368	94.2,94.2
130	23.15	85.22	19.12	83.46					120-130	51.74	2419	96.3,96.3
140	25.69	68.13	21.60	63.19					130-140	37.31	2457	97.8,97.8
150	26.56	51.79	22.43	51.31					140-150	26.57	2483	98.8,98.8
160	27.07	41.26	23.36	41.42					150-160	16.31	2500	99.5,99.5
170	32.32	37.08	29.94	37.23					160-170	9.681	2509	99.9,99.9
180	35.66	22.25	35.66	22.24					170-180	2.952	2512	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 873.93 lm

%lum = 34.8%

%lamp = 34.8%

Conical surface Flux(120deg): 1352.6 lm

%lum = 53.8%

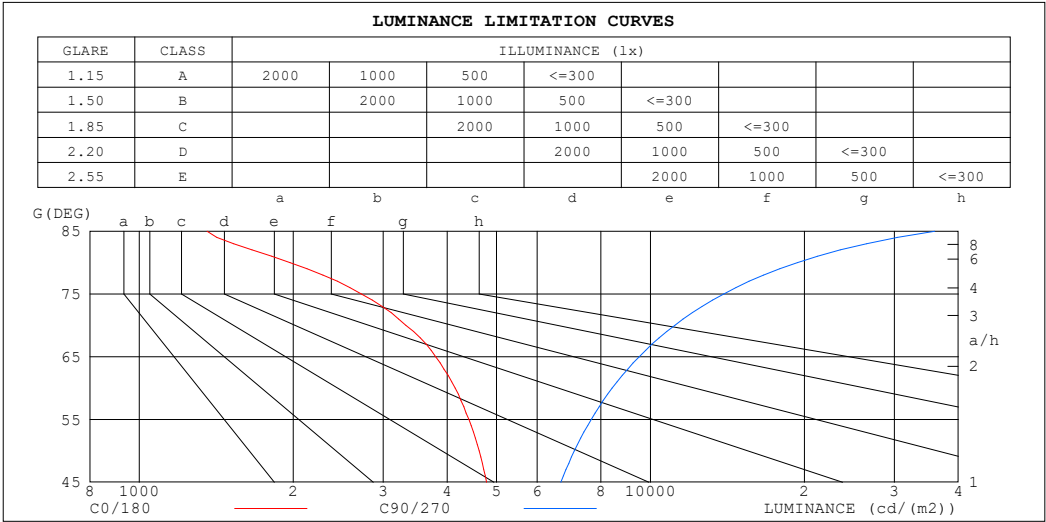
%lamp = 53.8%

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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



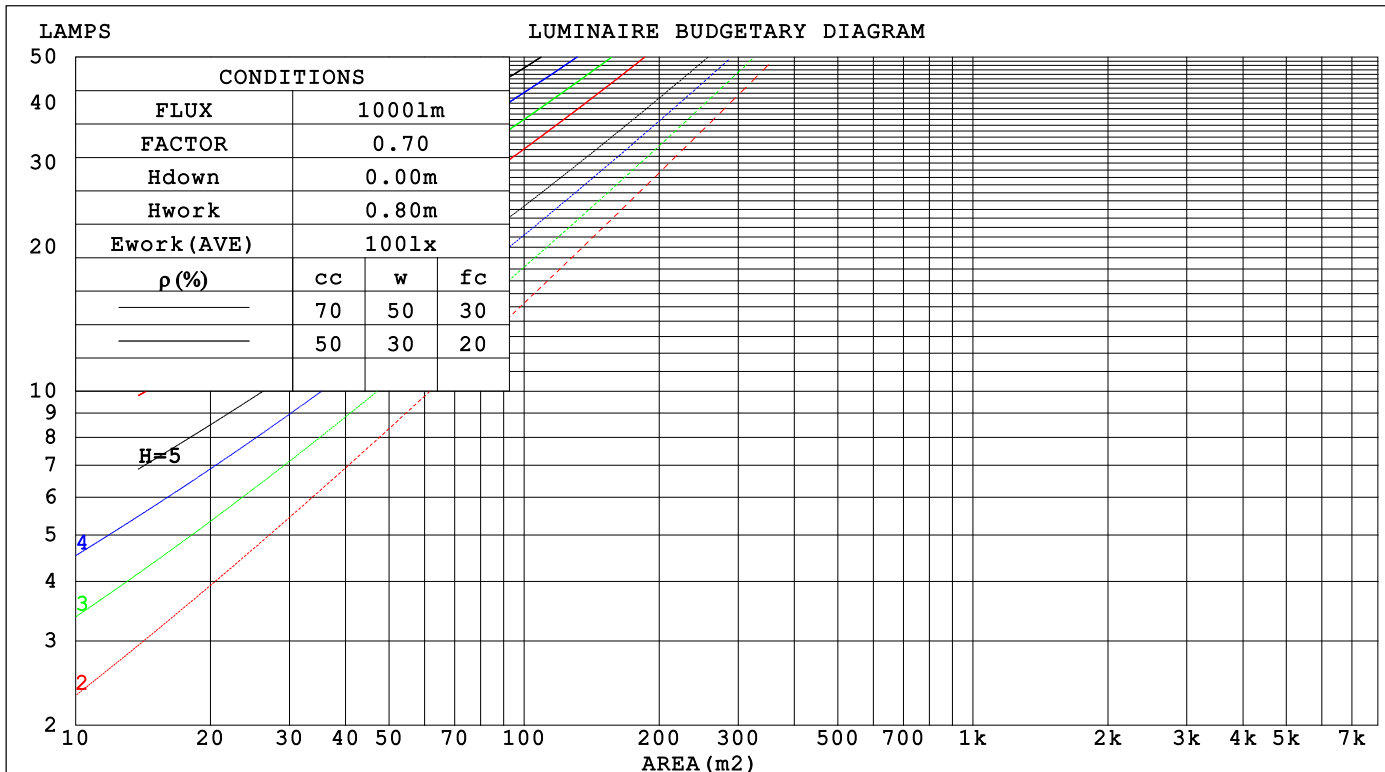
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1358	35973
80	1973	19394
75	2719	13909
70	3321	11155
65	3800	9504
60	4150	8416
55	4412	7659
50	4621	7099
45	4781	6676

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 90.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Temperature:25.3℃	Humidity:65.0%
Operators:DAMIN	Test Distance:7.380m [K=1.0000]
Test Date:04 February 2026	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	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	.323	.293	.266	.276	.251	.229	.189	.173	.158	.109	.100	.092	.035	.032	.030		
2.0	.316	.270	.231	.271	.232	.200	.185	.161	.139	.107	.093	.082	.034	.030	.027		
3.0	.308	.253	.209	.264	.218	.182	.181	.152	.127	.105	.089	.075	.034	.029	.025		
4.0	.301	.241	.195	.258	.208	.169	.177	.145	.119	.103	.085	.071	.033	.028	.023		
5.0	.293	.231	.185	.252	.200	.161	.173	.140	.114	.100	.082	.068	.032	.027	.022		
6.0	.286	.223	.178	.245	.193	.155	.169	.135	.110	.098	.080	.065	.032	.026	.022		
7.0	.278	.216	.173	.239	.188	.151	.165	.132	.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	.260	.202	.164	.224	.175	.143	.155	.123	.101	.091	.073	.061	.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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm											
NAME: WS36-033B-金色 30W 40K						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	24.7	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	16.9	18.2	18.8
3H		16.2	17.3	16.8	17.9	18.6	19.4	20.5	20.0	21.0	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	25.5	26.3	26.2	27.0	27.7
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, 2512 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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

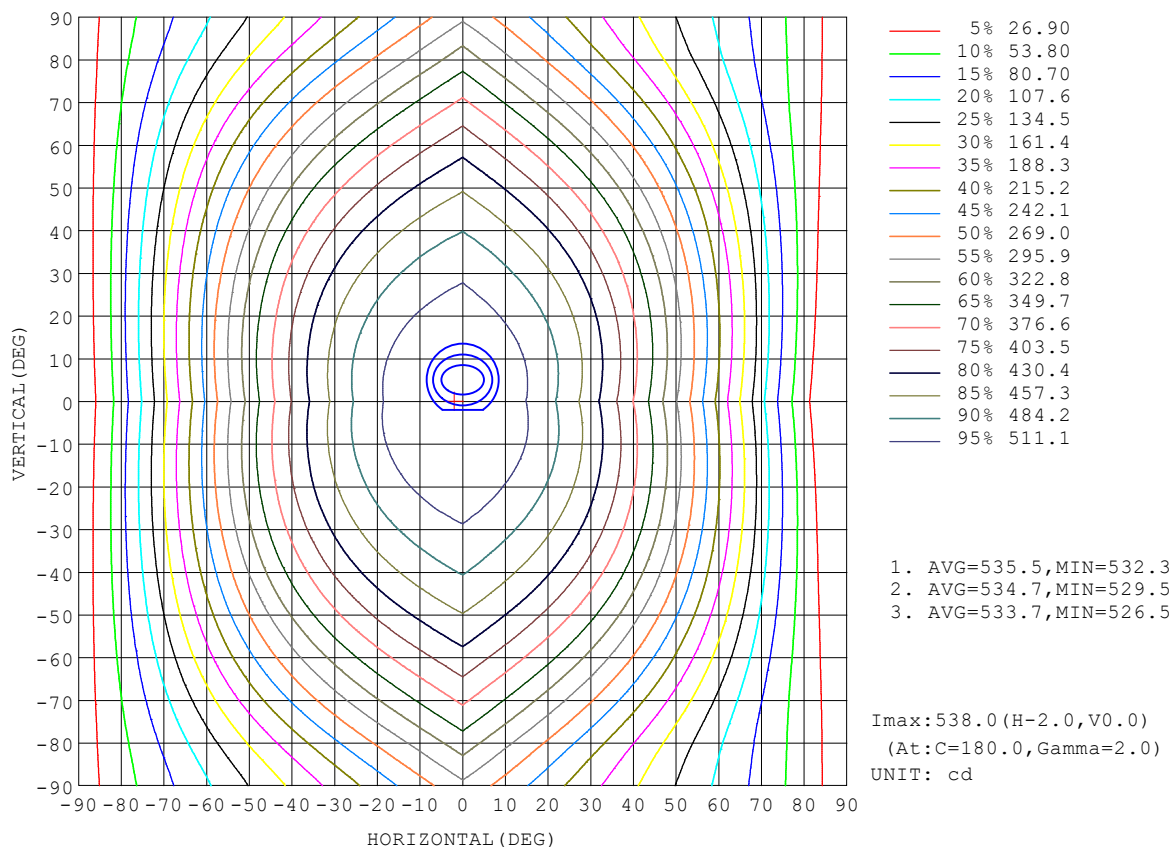
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	48	35	28	47	35	28	45	34	27	21
0.80	57	44	36	55	43	35	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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

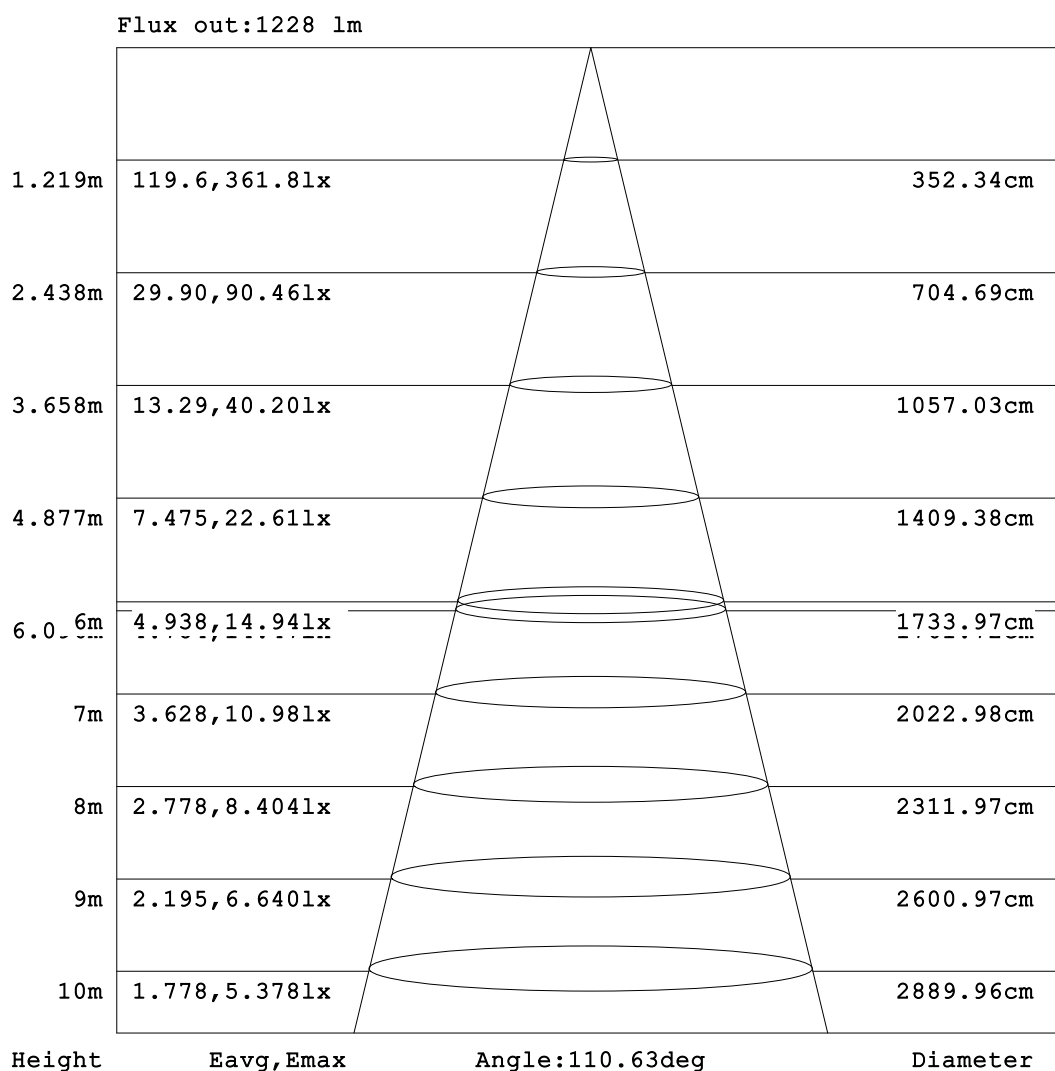


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:04 February 2026

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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:



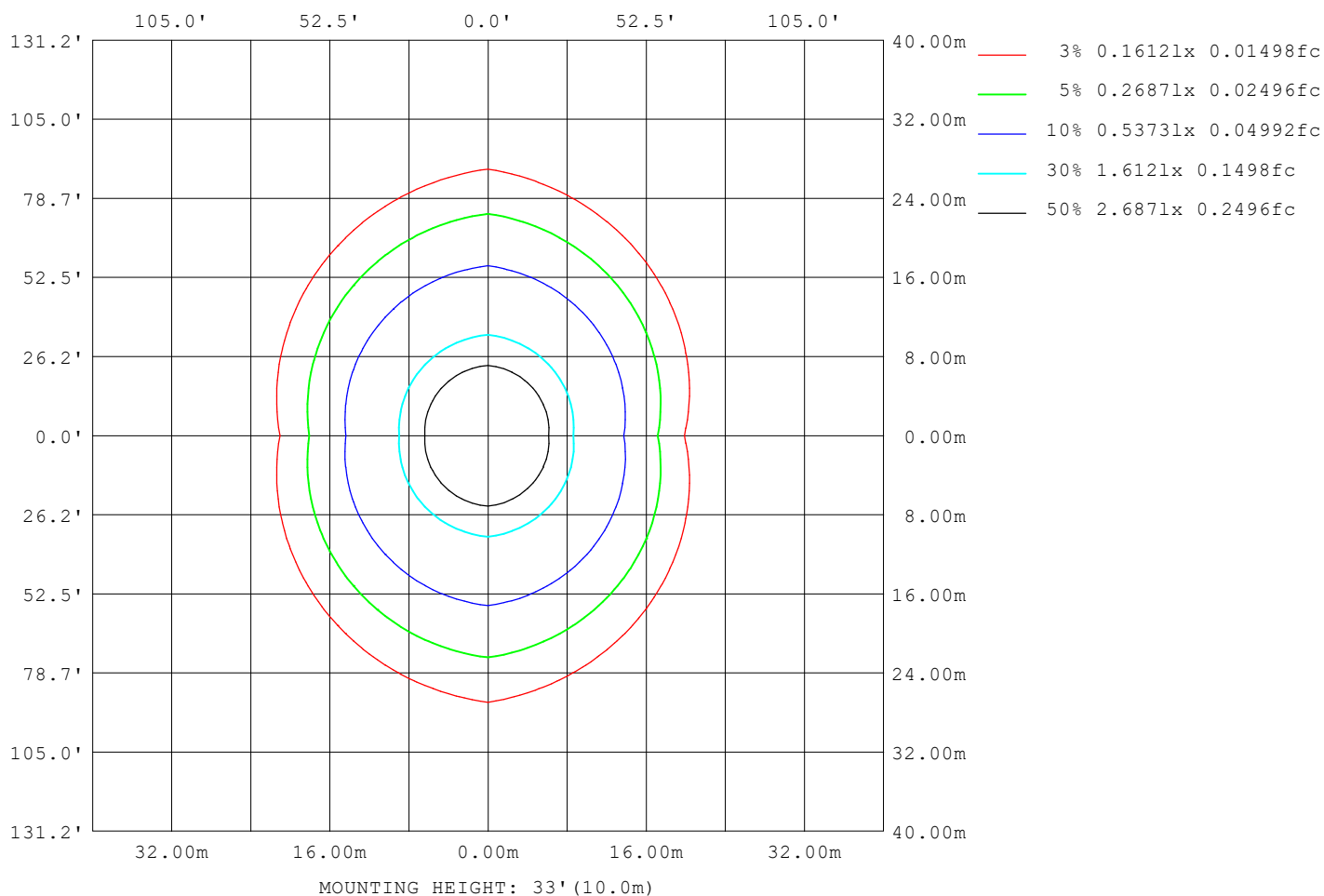
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.: EVERFINE	SUR.:	Shielding Angle:

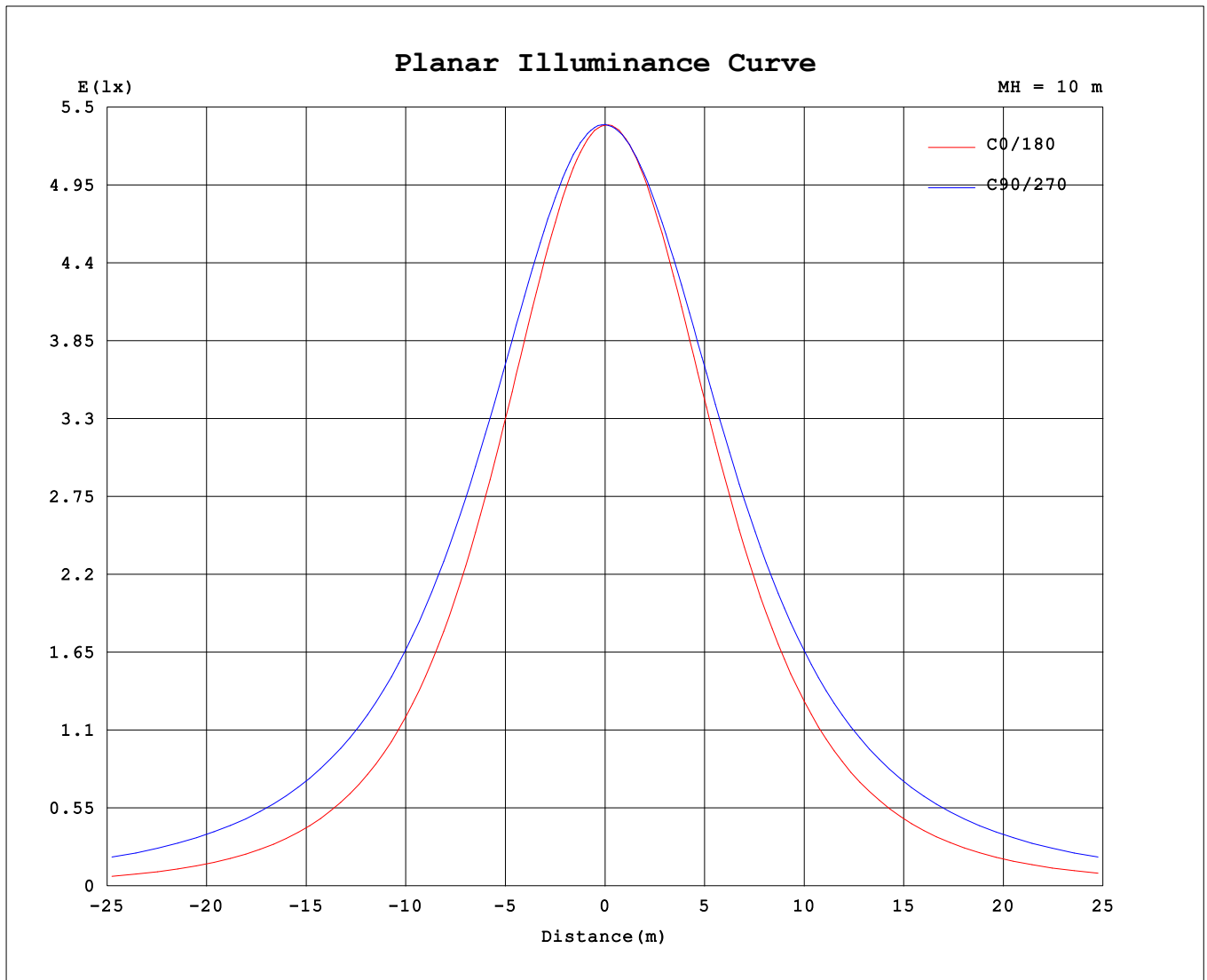
AvgL	cd/m2
L_0~180 (65) av	4263
L_0~180 (75) av	3471
L_0~180 (85) av	2527
L_90~270 (65) av	9500
L_90~270 (75) av	13908
L_90~270 (85) av	36029
L_45 (65) av	7565
L_45 (75) av	10041
L_45 (85) av	23539

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:120.08V I:0.2687A P:30.266W PF:0.9382 Freq:59.98Hz Lamp Flux:2512.13x1 lm		
NAME: WS36-033B-金色 30W 40K	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	537	538	537	538														
5	533	538	537	537														
10	524	535	532	533														
15	511	531	521	529														
20	492	525	506	523														
25	469	518	487	516														
30	442	509	463	507														
35	411	498	436	496														
40	376	486	404	484														
45	338	472	369	470														
50	297	456	331	455														
55	253	439	290	438														
60	207	421	246	420														
65	161	402	200	401														
70	114	382	154	381														
75	70.4	360	109	360														
80	34.3	337	67.2	337														
85	11.8	314	32.2	315														
90	8.88	290	11.8	291														
95	10.0	244	9.26	247														
100	12.2	185	9.90	183														
105	14.8	157	11.8	160														
110	17.8	153	14.5	149														
115	20.0	132	16.9	131														
120	20.9	109	17.5	107														
125	22.5	95.1	18.7	93.2														
130	23.1	85.2	19.1	83.5														
135	23.8	75.8	19.4	72.1														
140	25.7	68.1	21.6	63.2														
145	26.8	62.2	22.8	57.0														
150	26.6	51.8	22.4	51.3														
155	26.6	46.1	22.6	45.4														
160	27.1	41.3	23.4	41.4														
165	30.1	41.7	27.2	41.1														
170	32.3	37.1	29.9	37.2														
175	34.4	21.5	33.0	25.3														
180	35.7	22.3	35.7	22.2														

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: