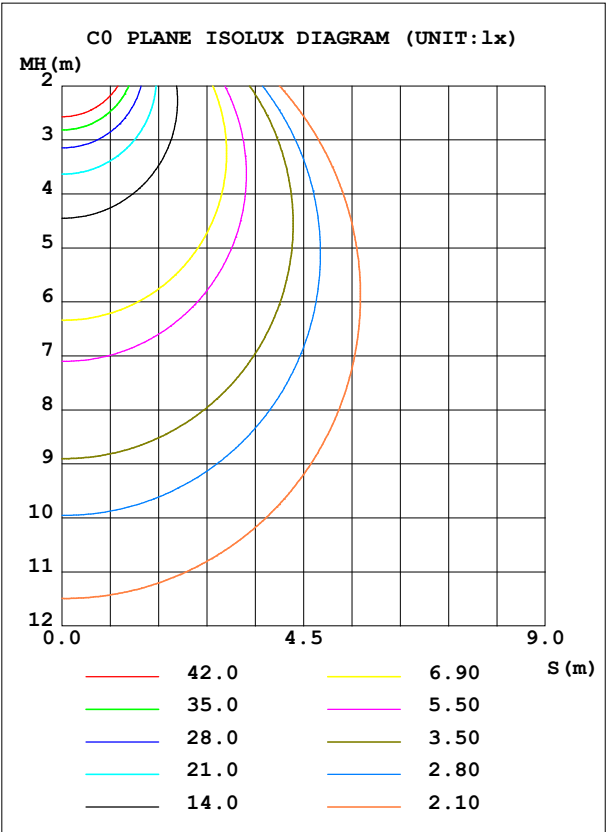
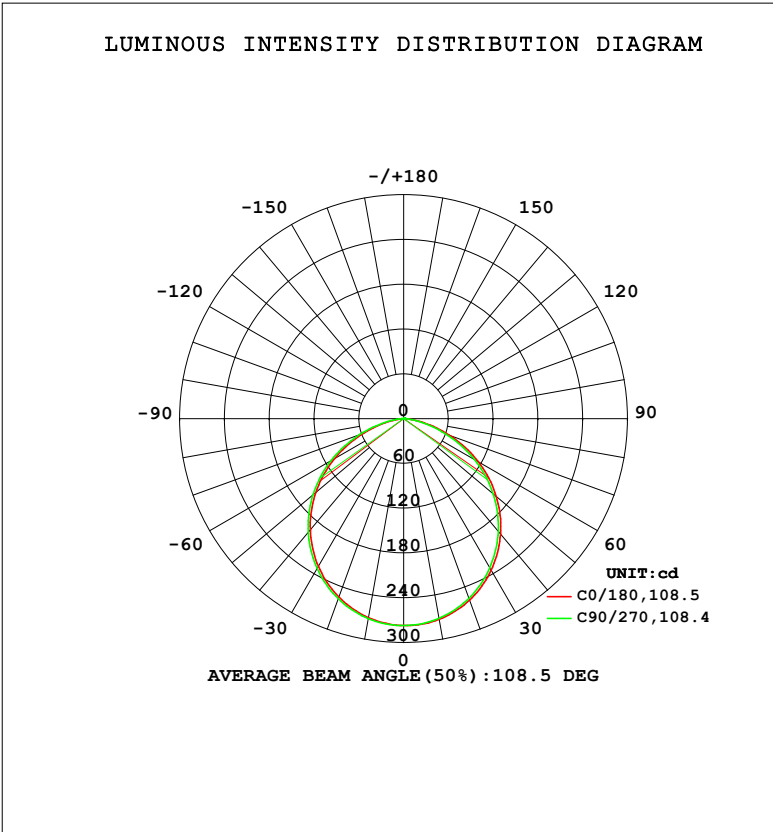


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 73.28 lm/W
MOBIL5-DL04-9W120-5CCT 4000K		Imax (cd)	277.3	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	740.86	η UP,DN(C0-180)	0.1,50.4	
NOMINAL FLUX(lm)	740.857	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.4	
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	120	η down (%)	99.8	CIBSE SHR MAX	1.35	



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 V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

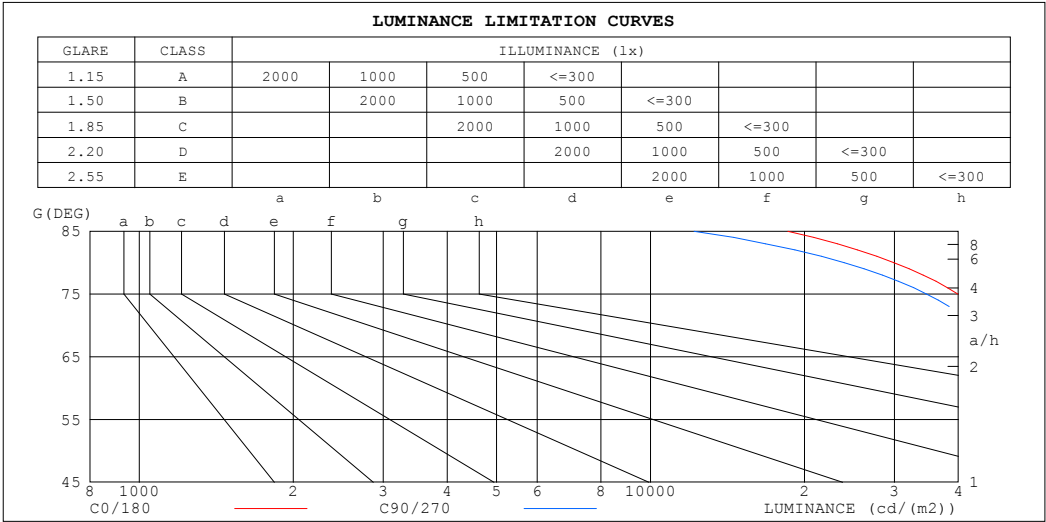
$\gamma$	C0	C90	C180	C270					$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	273.1	271.8	270.8	272.2					0- 10	26.21	26.21	3.54,3.54
20	258.6	256.0	254.3	256.8					10- 20	74.88	101.1	13.6,13.6
30	234.6	230.8	228.6	231.8					20- 30	112.9	214.0	28.9,28.9
40	202.1	197.4	194.6	198.9					30- 40	134.9	348.9	47.1,47.1
50	162.1	156.6	153.8	158.7					40- 50	137.8	486.8	65.7,65.7
60	115.6	109.5	106.7	112.4					50- 60	120.6	607.3	82,82
70	65.27	59.30	56.84	62.52					60- 70	85.05	692.4	93.5,93.5
80	20.78	16.61	15.10	18.71					70- 80	40.14	732.5	98.9,98.9
90	0.6087	0.0986	0.0929	0.3557					80- 90	6.842	739.4	99.8,99.8
100	0	0.0056	0.0222	0					90-100	0.0290	739.4	99.8,99.8
110	0.0330	0.1105	0.1327	0.0662					100-110	0.0395	739.4	99.8,99.8
120	0.1435	0.2211	0.2543	0.1878					110-120	0.1402	739.6	99.8,99.8
130	0.2430	0.3316	0.3812	0.3038					120-130	0.2306	739.8	99.9,99.9
140	0.3479	0.4200	0.4808	0.4197					130-140	0.2818	740.1	99.9,99.9
150	0.4253	0.4864	0.5801	0.5193					140-150	0.2865	740.4	99.9,99.9
160	0.5027	0.5636	0.6631	0.5966					150-160	0.2500	740.6	100,100
170	0.5856	0.6355	0.6962	0.6574					160-170	0.1741	740.8	100,100
180	0.6906	0.6906	0.6962	0.6851					170-180	0.0633	740.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



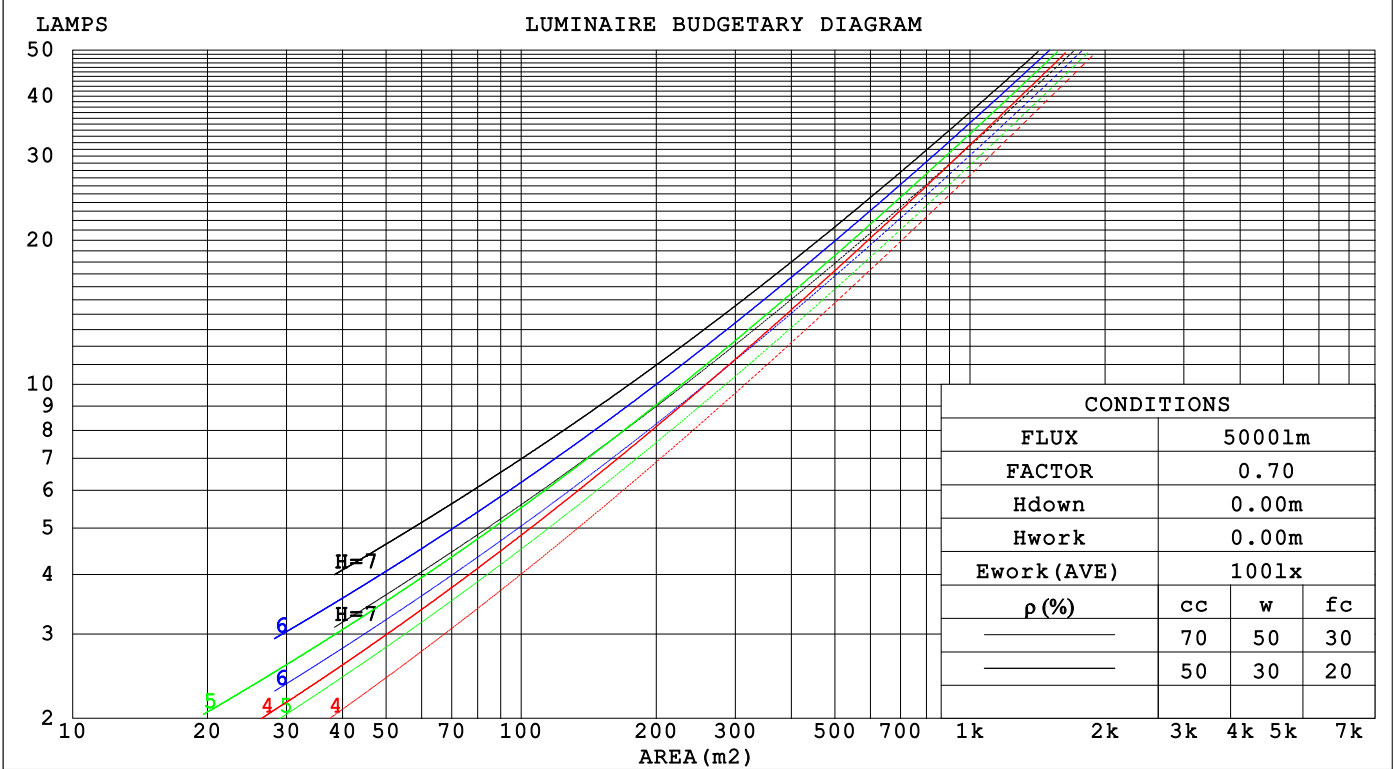
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	18573	12162
80	29918	23913
75	39888	34649
70	47706	43347
65	53554	49895
60	57790	54759
55	60844	58291
50	63060	60902
45	64691	62877

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 V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz		
Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	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	1.19	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	.00
1.0	1.05	1.01	.97	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.38	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2024-06-06

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454

Humidity:65.0%

Test Distance:8.800m [K=1.0000]

Remarks:

## WEC AND CCEC

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm					
NAME:		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.: 0.071		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	.289	.165	.052	.282	.161	.051	.269	.154	.049	.257	.148	.048	.245	.142	.046															
2.0	.277	.152	.047	.271	.149	.046	.260	.144	.045	.249	.140	.044	.239	.135	.043															
3.0	.260	.138	.041	.254	.136	.041	.244	.132	.040	.234	.128	.039	.225	.125	.039															
4.0	.241	.125	.037	.236	.124	.037	.227	.121	.036	.219	.117	.035	.211	.115	.035															
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032															
6.0	.209	.105	.030	.205	.104	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029															
7.0	.195	.096	.027	.191	.095	.027	.185	.094	.027	.179	.092	.027	.173	.090	.026															
8.0	.182	.089	.025	.179	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024															
9.0	.171	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023															
10.0	.161	.077	.021	.159	.077	.021	.154	.076	.021	.150	.074	.021	.146	.073	.021															

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.180	.158	.138	.154	.135	.118	.106	.093	.082	.061	.054	.048	.019	.017	.015	
2.0	.172	.134	.101	.147	.115	.088	.101	.080	.061	.058	.046	.036	.019	.015	.012	
3.0	.164	.116	.077	.141	.100	.067	.097	.069	.047	.056	.041	.028	.018	.013	.009	
4.0	.156	.102	.061	.134	.088	.053	.092	.062	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.092	.050	.128	.080	.043	.088	.056	.031	.051	.033	.018	.016	.011	.006	
6.0	.142	.084	.041	.122	.072	.036	.084	.051	.026	.049	.030	.015	.016	.010	.005	
7.0	.136	.077	.035	.117	.066	.031	.081	.047	.022	.047	.027	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
9.0	.123	.066	.027	.106	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.024	.101	.053	.021	.070	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 0.071			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		28.2	29.7	28.5	29.9	30.1	28.0	29.5	28.3	29.7	29.9
3H		29.5	30.9	29.8	31.1	31.3	29.2	30.6	29.5	30.8	31.1
4H		29.9	31.2	30.2	31.5	31.7	29.6	30.9	29.9	31.1	31.4
6H		30.1	31.4	30.5	31.6	31.9	29.7	31.0	30.1	31.2	31.5
8H		30.2	31.4	30.5	31.6	31.9	29.7	30.9	30.1	31.2	31.5
12H		30.2	31.3	30.5	31.6	31.9	29.7	30.8	30.1	31.1	31.5
4H 2H		28.7	30.0	29.0	30.3	30.5	28.6	29.9	28.9	30.1	30.4
3H		30.2	31.3	30.5	31.6	31.9	29.9	31.1	30.3	31.4	31.7
4H		30.7	31.7	31.1	32.0	32.4	30.4	31.4	30.8	31.7	32.1
6H		31.0	31.9	31.4	32.3	32.6	30.6	31.5	31.0	31.9	32.3
8H		31.1	31.9	31.5	32.3	32.7	30.7	31.5	31.1	31.9	32.3
12H		31.1	31.9	31.5	32.2	32.6	30.6	31.4	31.1	31.8	32.2
8H 4H		30.8	31.7	31.2	32.0	32.4	30.6	31.4	31.0	31.8	32.2
6H		31.2	31.9	31.7	32.3	32.8	30.9	31.6	31.3	32.0	32.4
8H		31.3	31.9	31.8	32.4	32.8	30.9	31.6	31.4	32.0	32.4
12H		31.4	31.9	31.9	32.4	32.8	31.0	31.5	31.4	31.9	32.4
12H 4H		30.8	31.6	31.2	32.0	32.4	30.5	31.3	31.0	31.7	32.1
6H		31.2	31.8	31.7	32.3	32.7	30.9	31.5	31.3	31.9	32.4
8H		31.4	31.9	31.8	32.3	32.8	31.0	31.5	31.5	32.0	32.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H		+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 740.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)  
Area: 0.004 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

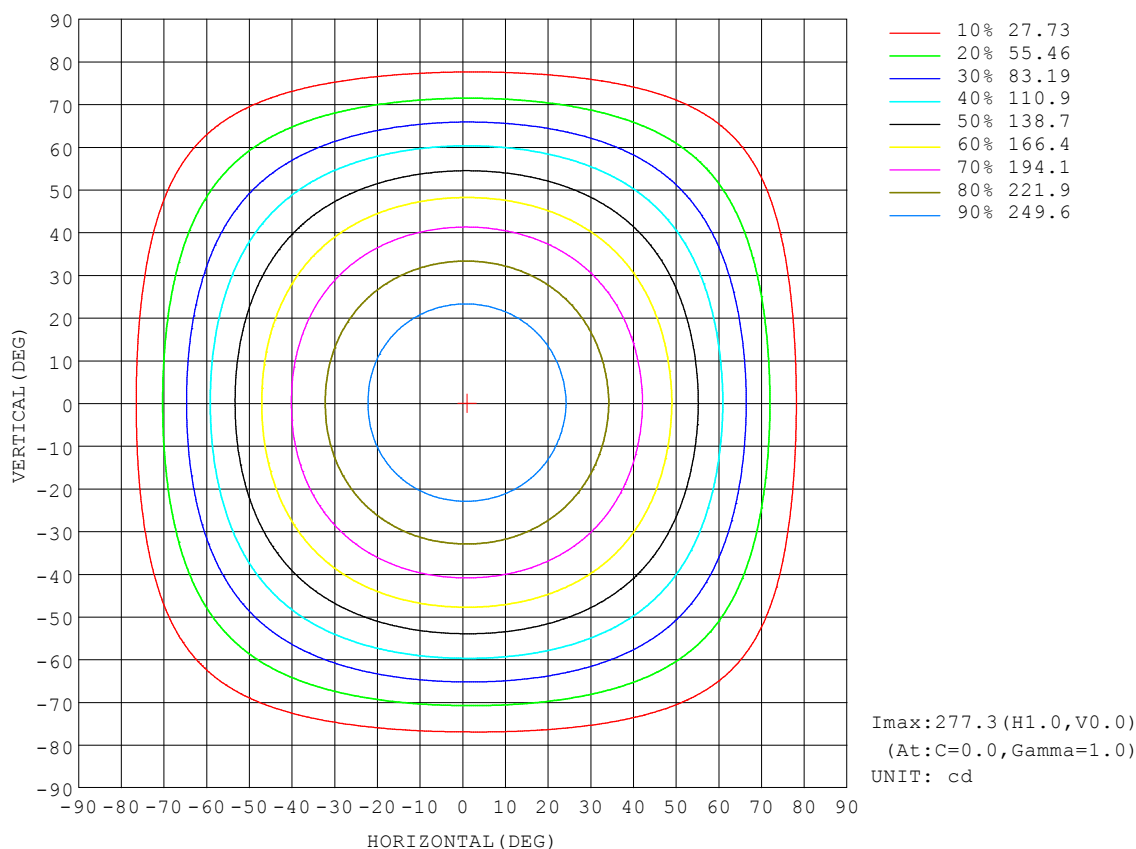
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	47	41	58	47	40	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	78	67	60	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	66	59
1.50	90	80	73	88	79	73	85	77	72	65
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	99	102	99	96	87
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: 25.3DEG  
 Operators:  
 Test Date: 2024-06-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity: 65.0%  
 Test Distance: 8.800m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



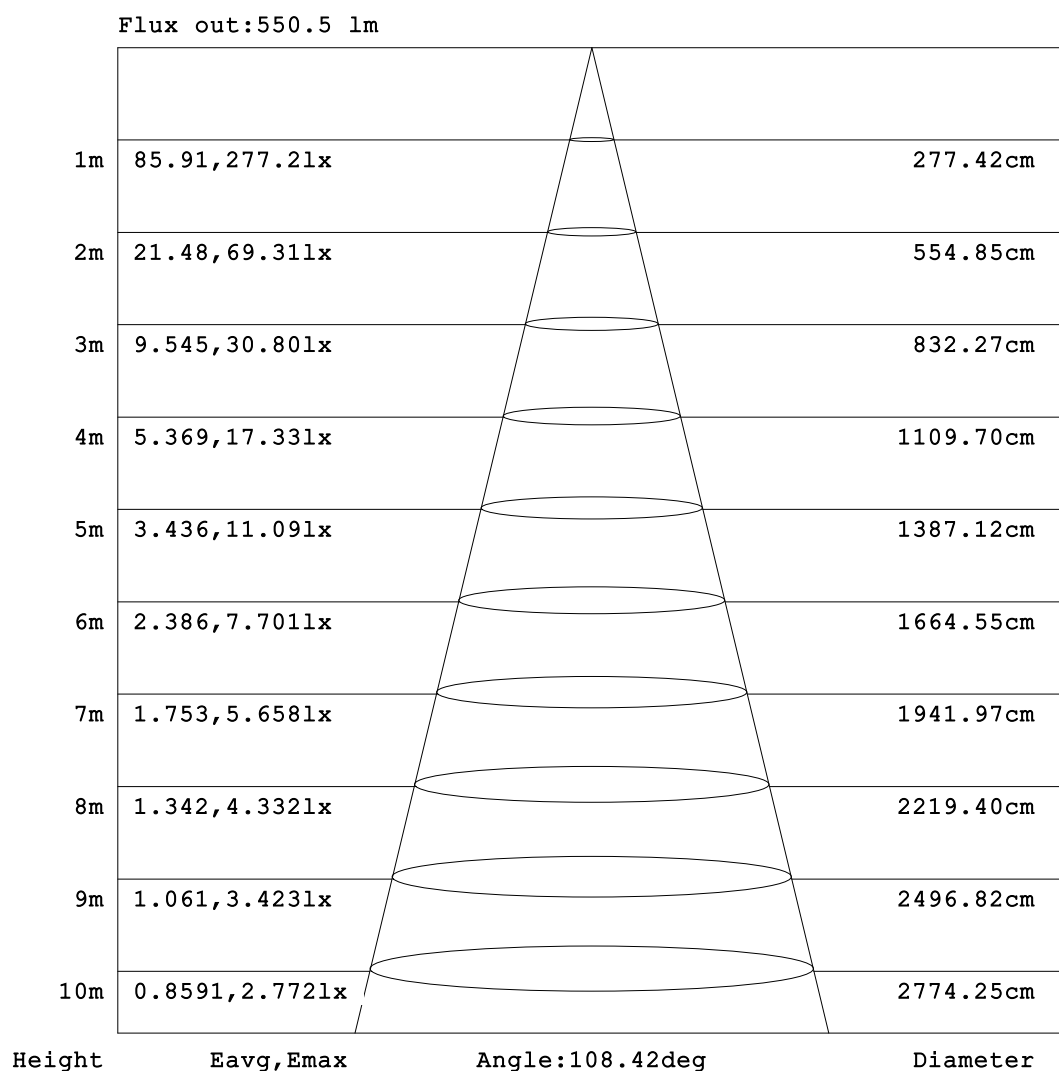
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

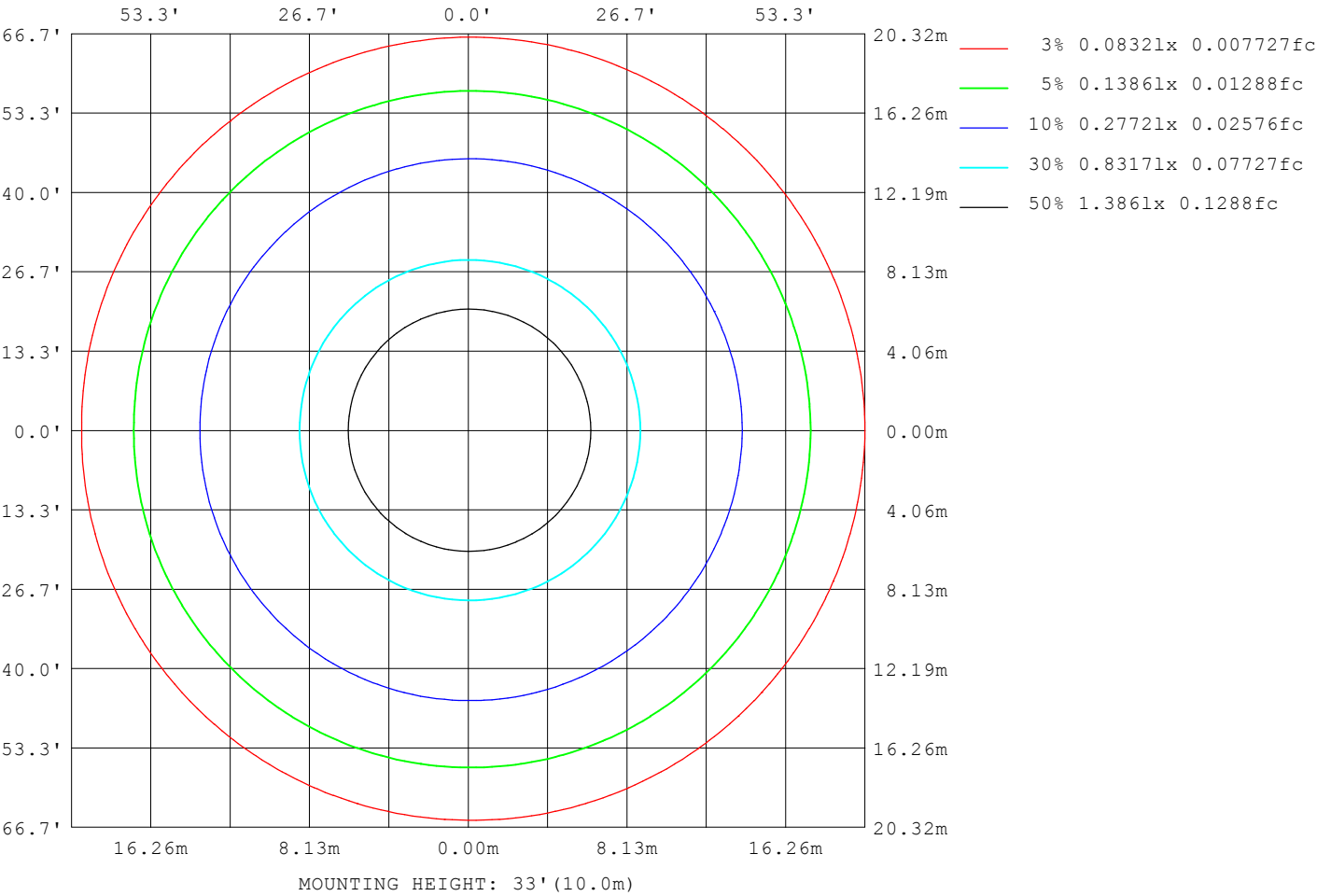


C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024-06-06

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity: 65.0%  
 Test Distance: 8.800m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



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 V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

## LED Avg.L Report

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

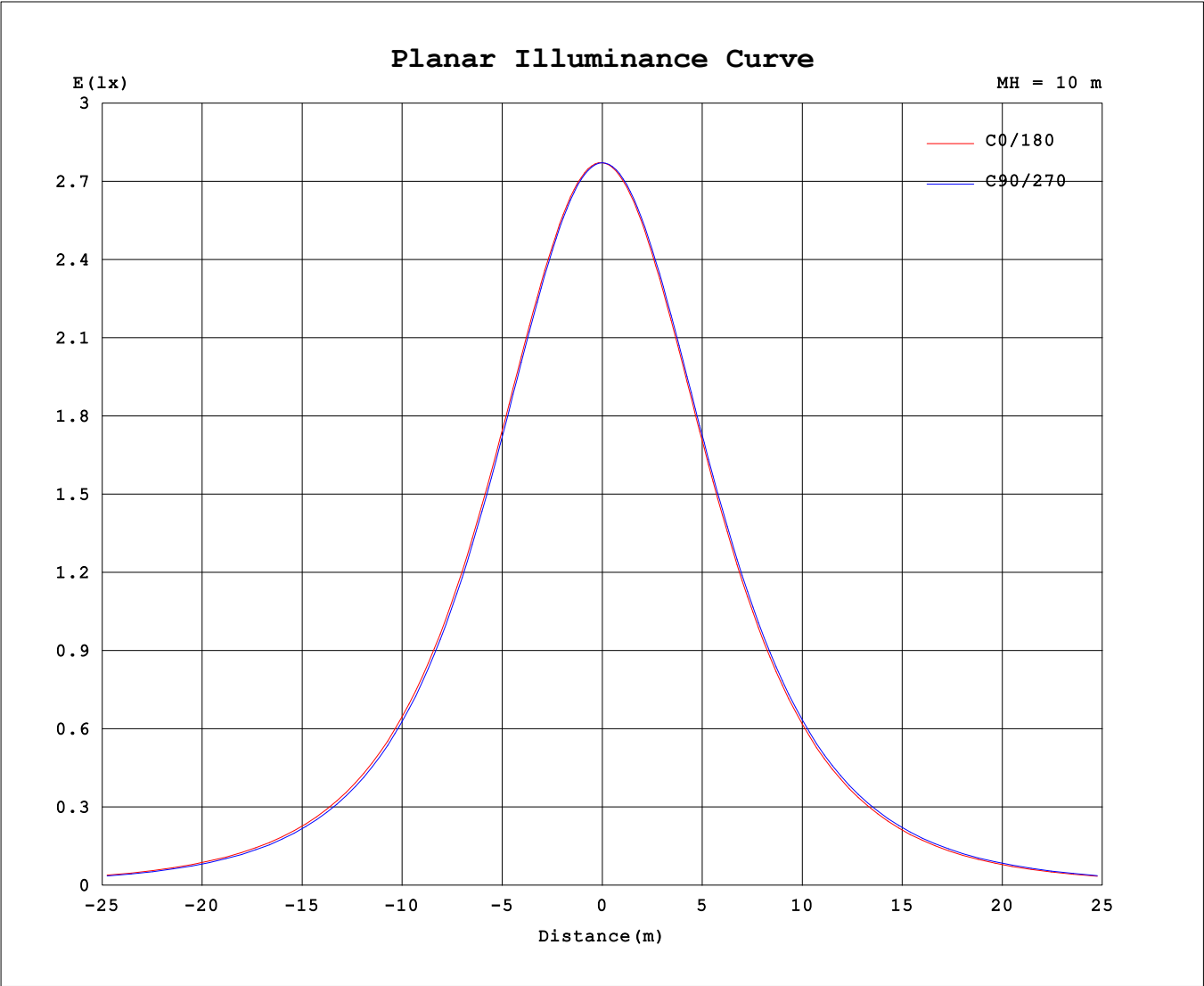
AvgL	cd/m2
L_0~180 (65) av	50930
L_0~180 (75) av	36289
L_0~180 (85) av	14075
L_90~270 (65) av	50850
L_90~270 (75) av	36058
L_90~270 (85) av	13408
L_45 (65) av	50716
L_45 (75) av	35920
L_45 (85) av	13377

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

Planar Illuminance Curve



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 V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.12V I:0.0915A P:10.110W PF:0.9201 Freq:59.98Hz Lamp Flux:740.857x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270														
0	277	277	277	277														
5	277	276	275	276														
10	273	272	271	272														
15	267	265	264	266														
20	259	256	254	257														
25	248	245	243	245														
30	235	231	229	232														
35	219	215	213	216														
40	202	197	195	199														
45	183	178	175	180														
50	162	157	154	159														
55	140	134	131	136														
60	116	110	107	112														
65	90.5	84.3	81.7	87.6														
70	65.3	59.3	56.8	62.5														
75	41.3	35.9	33.8	38.8														
80	20.8	16.6	15.1	18.7														
85	6.48	4.24	3.34	5.11														
90	0.61	0.10	0.09	0.36														
95	0.00	0.00	0.00	0.00														
100	0.00	0.01	0.02	0.00														
105	0.00	0.05	0.07	0.01														
110	0.03	0.11	0.13	0.07														
115	0.09	0.16	0.19	0.13														
120	0.14	0.22	0.25	0.19														
125	0.19	0.28	0.32	0.25														
130	0.24	0.33	0.38	0.30														
135	0.30	0.37	0.43	0.36														
140	0.35	0.42	0.48	0.42														
145	0.38	0.46	0.53	0.47														
150	0.43	0.49	0.58	0.52														
155	0.46	0.53	0.62	0.55														
160	0.50	0.56	0.66	0.60														
165	0.55	0.61	0.70	0.64														
170	0.59	0.64	0.70	0.66														
175	0.64	0.68	0.70	0.67														
180	0.69	0.69	0.70	0.69														

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2024-06-06

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
γ Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

## Photometric Data Table [cd]

G/C	0.0	90.0	180.0	270.0
0.0	277.2	277.2	277.2	277.2
3.0	277.1	276.7	276.4	276.8
6.0	276.0	275.3	274.6	275.5
9.0	274.0	272.8	271.9	273.2
12.0	271.0	269.4	268.3	269.9
15.0	267.1	265.2	263.7	265.7
18.0	262.3	259.9	258.3	260.6
21.0	256.6	254.0	252.1	254.6
24.0	250.2	247.1	245.1	247.9
27.0	242.8	239.3	237.2	240.2
30.0	234.6	230.8	228.6	231.8
33.0	225.7	221.6	219.2	222.8
36.0	216.1	211.6	209.1	212.9
39.0	205.7	201.0	198.3	202.5
42.0	194.7	189.7	187.1	191.4
45.0	183.0	177.8	175.0	179.6
48.0	170.6	165.3	162.4	167.2
51.0	157.7	152.1	149.2	154.3
54.0	144.2	138.4	135.5	140.8
57.0	130.1	124.2	121.2	126.8
60.0	115.6	109.5	106.7	112.4
63.0	100.6	94.50	91.73	97.61
66.0	85.42	79.33	76.63	82.53
69.0	70.28	64.22	61.78	67.50
72.0	55.40	49.57	47.32	52.78
75.0	41.29	35.87	33.84	38.79
78.0	28.40	23.67	21.94	26.10
81.0	17.34	13.52	12.11	15.37
84.0	8.718	6.082	5.029	7.200
87.0	3.128	1.757	1.199	2.084
90.0	0.6087	0.0986	0.0929	0.3557
93.0	0	0	0	0.0001
96.0	0	0	0	0
99.0	0	0.0000	0.0112	0
102.0	0	0.0222	0.0443	0
105.0	0	0.0499	0.0720	0.0055
108.0	0.0109	0.0885	0.1051	0.0331
111.0	0.0495	0.1162	0.1438	0.0773
114.0	0.0827	0.1548	0.1770	0.1104
117.0	0.1049	0.1825	0.2157	0.1436
120.0	0.1435	0.2211	0.2543	0.1878
123.0	0.1767	0.2542	0.2984	0.2264
126.0	0.2098	0.2874	0.3261	0.2596
129.0	0.2375	0.3206	0.3594	0.2981
132.0	0.2597	0.3372	0.3925	0.3368
135.0	0.2982	0.3703	0.4311	0.3646
138.0	0.3205	0.3979	0.4588	0.3977
141.0	0.3535	0.4255	0.4918	0.4309
144.0	0.3756	0.4531	0.5249	0.4584
147.0	0.3977	0.4642	0.5526	0.4806
150.0	0.4253	0.4864	0.5801	0.5193
153.0	0.4475	0.5194	0.6078	0.5358
156.0	0.4805	0.5360	0.6245	0.5635
159.0	0.4971	0.5581	0.6521	0.5856
162.0	0.5302	0.5748	0.6742	0.6132
165.0	0.5524	0.6078	0.6962	0.6353
168.0	0.5690	0.6189	0.6962	0.6464
171.0	0.5966	0.6465	0.6962	0.6630
174.0	0.6297	0.6686	0.6962	0.6740
177.0	0.6629	0.6906	0.6962	0.6796
180.0	0.6906	0.6906	0.6962	0.6851

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