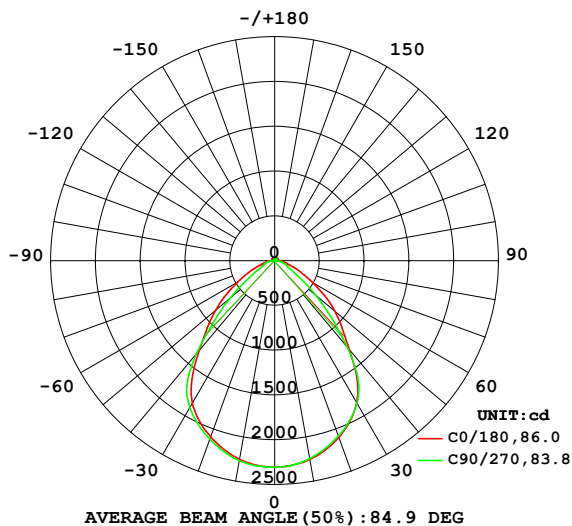


LUMINAIRE PHOTOMETRIC TEST REPORT

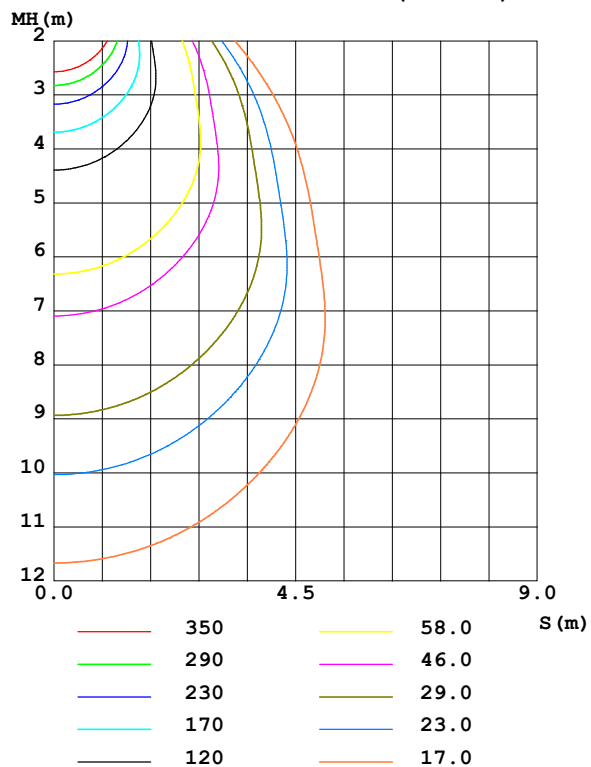
Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 128.69 lm/W
MODEL		I _{max} (cd)	2308	S/MH(C0/180)	1.19	
NOMINAL POWER(W)	35.8	LOR(%)	100.0	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4570.9	η UP,DN(C0-180)	1.8,48.0	
NOMINAL FLUX(lm)	4570.93	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.7,48.6	
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	230	η down (%)	96.6	CIBSE SHR MAX	1.15	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2255	2247	2245	2246	2252	2266	2268	2258	0- 10	217.8	217.8	4.76,4.76
20	2099	2084	2084	2087	2094	2111	2119	2105	10- 20	616.7	834.5	18.3,18.3
30	1832	1815	1839	1831	1838	1866	1893	1847	20- 30	914.2	1749	38.3,38.3
40	1296	1241	1265	1265	1312	1342	1362	1277	30- 40	1002	2750	60.2,60.2
50	880.3	742.3	595.2	697.8	861.9	777.1	651.3	705.9	40- 50	761.2	3511	76.8,76.8
60	487.1	358.8	228.3	322.6	471.3	371.0	231.2	318.7	50- 60	468.7	3980	87.1,87.1
70	236.8	189.1	134.9	187.9	214.3	203.8	123.6	181.0	60- 70	248.0	4228	92.5,92.5
80	113.1	90.35	60.93	85.49	94.69	83.60	61.23	90.08	70- 80	137.4	4366	95.5,95.5
90	44.05	26.32	2.597	23.18	36.12	22.23	1.915	26.72	80- 90	49.34	4415	96.6,96.6
100	34.13	23.28	4.859	19.47	27.34	18.63	3.578	23.16	90-100	21.71	4437	97.1,97.1
110	32.46	23.34	8.788	21.08	28.49	20.72	6.754	23.08	100-110	21.22	4458	97.5,97.5
120	32.57	25.16	13.63	24.90	30.54	23.00	11.06	23.75	110-120	21.65	4480	98,98
130	34.03	28.11	19.01	28.67	33.41	26.20	15.92	26.21	120-130	22.20	4502	98.5,98.5
140	35.40	30.22	24.04	31.80	35.29	29.23	20.90	28.66	130-140	21.67	4523	99,99
150	35.96	30.87	28.73	34.30	36.36	31.91	25.69	30.41	140-150	19.11	4542	99.4,99.4
160	36.42	32.02	33.32	35.18	37.31	33.14	30.74	31.49	150-160	15.15	4558	99.7,99.7
170	36.11	34.95	36.67	36.69	36.63	35.52	35.40	34.39	160-170	9.817	4567	99.9,99.9
180	37.96	37.25	37.65	37.48	37.98	37.22	37.65	37.54	170-180	3.479	4571	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3167.3 lm

%lum = 69.3%

%lamp = 69.3%

Conical surface Flux(120deg): 3980.2 lm

%lum = 87.1%

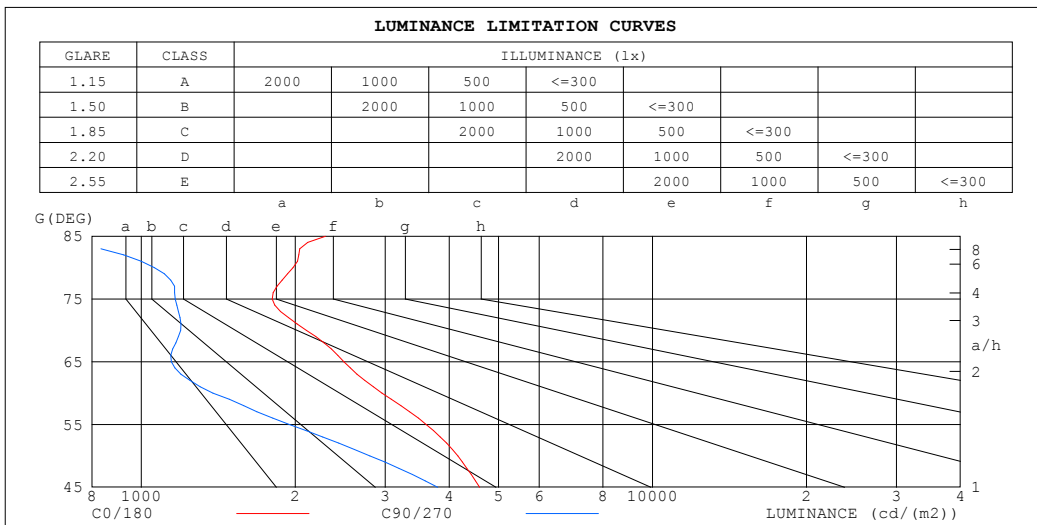
%lamp = 87.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-02-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



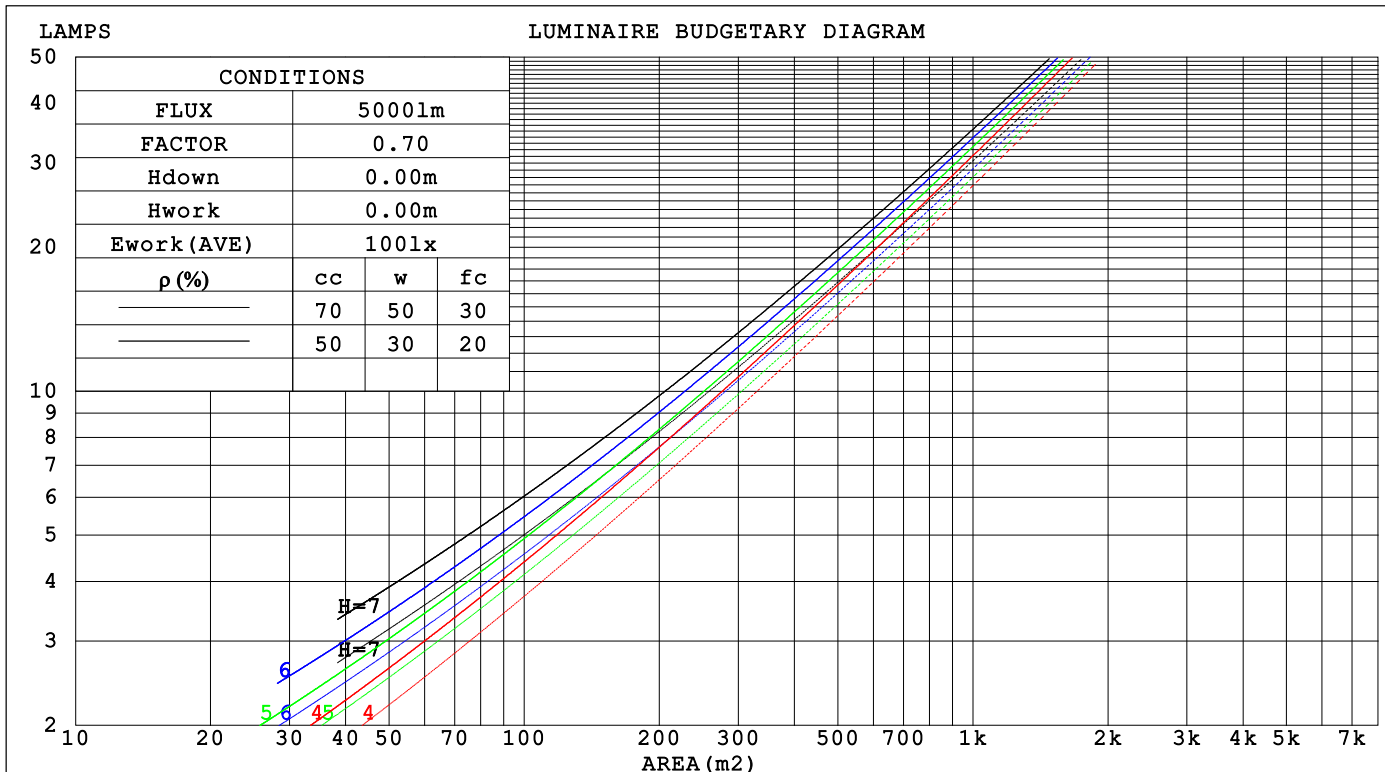
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.06	1.02	.99	1.03	1.00	.97	.99	.96	.94	.94	.92	.90	.90	.89	.87	.85
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.85	.82	.79	.82	.79	.76	.74
3.0	.85	.78	.73	.84	.77	.72	.80	.75	.70	.77	.73	.69	.74	.71	.67	.65
4.0	.77	.70	.64	.76	.69	.63	.73	.67	.62	.70	.65	.61	.68	.63	.60	.58
5.0	.70	.62	.56	.69	.61	.56	.66	.60	.55	.64	.59	.54	.62	.57	.53	.51
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.57	.52	.48	.46
7.0	.59	.51	.45	.58	.50	.45	.56	.49	.44	.54	.48	.44	.53	.47	.43	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.40	.50	.44	.40	.49	.43	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.45	.40	.36	.34
10.0	.46	.39	.34	.46	.39	.34	.44	.38	.34	.43	.38	.33	.42	.37	.33	.32



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	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	.253	.144	.046	.245	.140	.044	.230	.132	.042	.217	.125	.040	.204	.118	.038		
2.0	.241	.132	.041	.234	.129	.040	.221	.123	.038	.209	.117	.037	.198	.112	.035		
3.0	.227	.121	.036	.220	.118	.036	.209	.113	.034	.198	.109	.033	.188	.104	.032		
4.0	.212	.110	.032	.207	.108	.032	.197	.104	.031	.187	.101	.030	.178	.097	.030		
5.0	.199	.102	.029	.194	.100	.029	.185	.096	.028	.177	.093	.028	.169	.090	.027		
6.0	.187	.094	.027	.183	.092	.027	.175	.090	.026	.167	.087	.026	.160	.084	.025		
7.0	.176	.087	.025	.172	.086	.024	.165	.083	.024	.158	.081	.024	.152	.079	.023		
8.0	.166	.081	.023	.163	.080	.023	.156	.078	.022	.150	.076	.022	.144	.074	.022		
9.0	.157	.076	.021	.154	.075	.021	.148	.073	.021	.142	.071	.020	.137	.070	.020		
10.0	.149	.071	.020	.146	.071	.020	.141	.069	.019	.135	.067	.019	.130	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023		
1.0	.203	.183	.165	.173	.157	.142	.119	.108	.098	.068	.062	.057	.022	.020	.018		
2.0	.192	.159	.131	.164	.136	.113	.113	.094	.079	.065	.055	.046	.021	.018	.015		
3.0	.183	.141	.107	.157	.121	.093	.108	.084	.065	.062	.049	.038	.020	.016	.013		
4.0	.174	.127	.090	.150	.110	.079	.103	.076	.055	.060	.045	.033	.019	.015	.011		
5.0	.167	.116	.079	.143	.100	.068	.099	.070	.048	.057	.041	.029	.018	.013	.009		
6.0	.160	.108	.070	.138	.093	.061	.095	.065	.043	.055	.038	.026	.018	.013	.008		
7.0	.154	.101	.063	.132	.087	.055	.091	.061	.039	.053	.036	.023	.017	.012	.008		
8.0	.148	.095	.058	.127	.082	.051	.088	.058	.036	.051	.034	.021	.017	.011	.007		
9.0	.142	.090	.054	.123	.078	.047	.085	.055	.034	.050	.032	.020	.016	.011	.007		
10.0	.137	.086	.051	.118	.074	.045	.082	.052	.032	.048	.031	.019	.016	.010	.006		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm											
NAME: LED612-W34KA (36W 3000K)					TYPE:			WEIGHT:			
SPEC.:					DIM.: 0.3304			SERIAL No.: 1			
MFR.:					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		15.5	16.8	15.8	17.0	17.3	15.2	16.4	15.5	16.7	16.9
	3H	16.2	17.3	16.5	17.6	17.9	15.6	16.8	15.9	17.0	17.3
	4H	16.5	17.6	16.9	17.9	18.2	15.8	16.9	16.1	17.2	17.5
	6H	16.9	17.9	17.2	18.2	18.6	15.9	16.9	16.3	17.3	17.6
	8H	17.0	18.0	17.4	18.4	18.7	15.9	16.9	16.3	17.3	17.6
	12H	17.2	18.1	17.6	18.5	18.8	15.9	16.9	16.3	17.2	17.6
4H	2H	15.6	16.7	16.0	17.0	17.3	15.3	16.4	15.7	16.7	17.1
	3H	16.5	17.4	16.9	17.8	18.1	16.0	17.0	16.4	17.3	17.7
	4H	16.9	17.8	17.3	18.2	18.6	16.3	17.2	16.8	17.6	18.0
	6H	17.5	18.2	17.9	18.6	19.1	16.6	17.3	17.0	17.7	18.2
	8H	17.7	18.4	18.2	18.8	19.3	16.6	17.3	17.1	17.8	18.2
	12H	17.9	18.6	18.4	19.0	19.5	16.6	17.3	17.1	17.7	18.2
8H	4H	17.1	17.8	17.5	18.2	18.6	16.5	17.2	17.0	17.6	18.1
	6H	17.7	18.3	18.2	18.8	19.3	16.9	17.4	17.4	17.9	18.4
	8H	18.1	18.6	18.6	19.1	19.6	17.0	17.5	17.5	18.0	18.5
	12H	18.4	18.9	18.9	19.4	19.9	17.0	17.5	17.6	18.0	18.5
12H	4H	17.0	17.7	17.5	18.1	18.6	16.5	17.2	17.0	17.6	18.1
	6H	17.8	18.3	18.3	18.8	19.3	16.9	17.4	17.4	17.9	18.4
	8H	18.1	18.6	18.7	19.1	19.6	17.1	17.5	17.6	18.0	18.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.4 / - 0.6					+ 0.6 / - 1.0				
1.5H		+ 0.4 / - 0.6					+ 0.4 / - 1.1				
2.0H		+ 1.3 / - 1.3					+ 1.1 / - 2.1				

CIE Pub.117, 4571 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 5.3)
Area: 0.3304 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

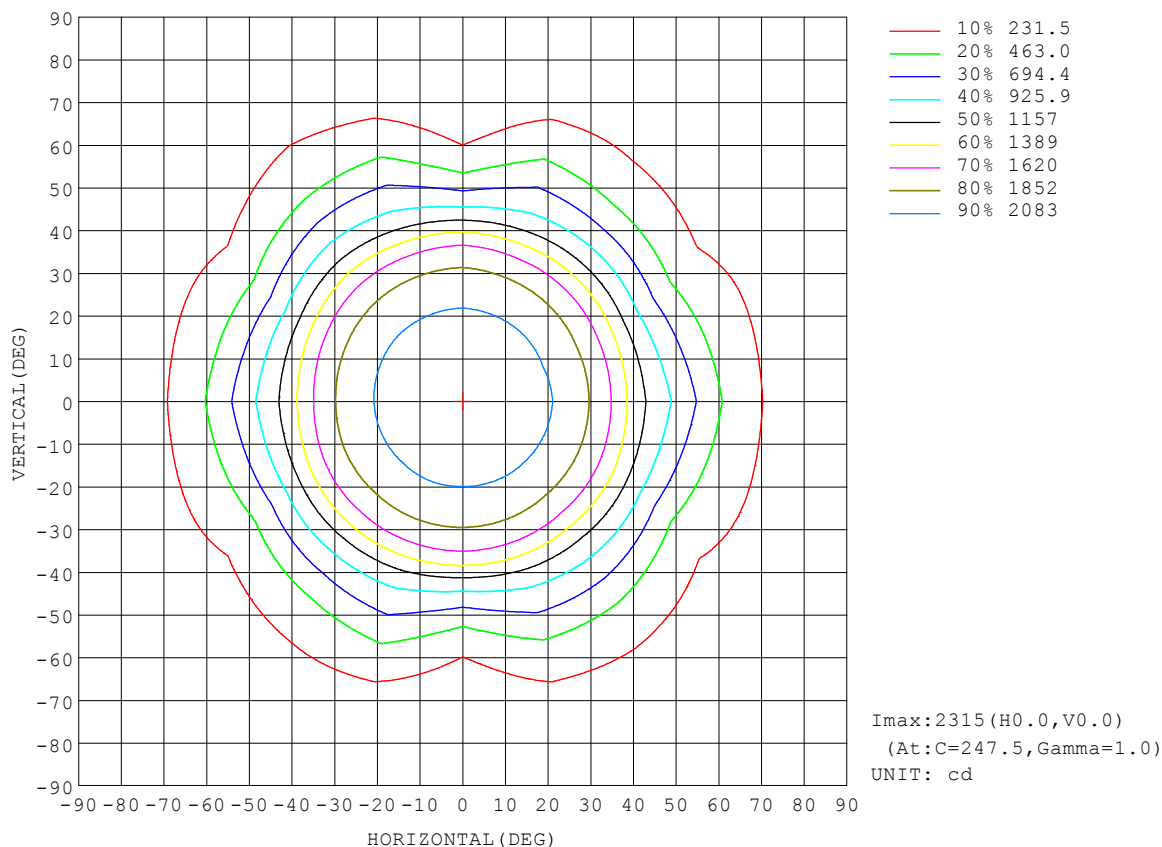
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	56	51	65	56	50	45
0.80	76	67	60	75	66	60	73	65	60	54
1.00	84	75	69	82	74	68	80	75	68	61
1.25	90	81	76	88	81	75	86	79	74	68
1.50	94	86	81	92	85	80	89	83	79	72
2.00	100	93	88	98	91	87	94	89	85	77
2.50	103	96	91	100	95	90	96	92	88	80
3.00	105	100	95	103	98	94	99	95	91	83
4.00	108	104	100	106	102	98	101	98	95	86
5.00	110	106	103	107	104	101	103	100	97	88
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

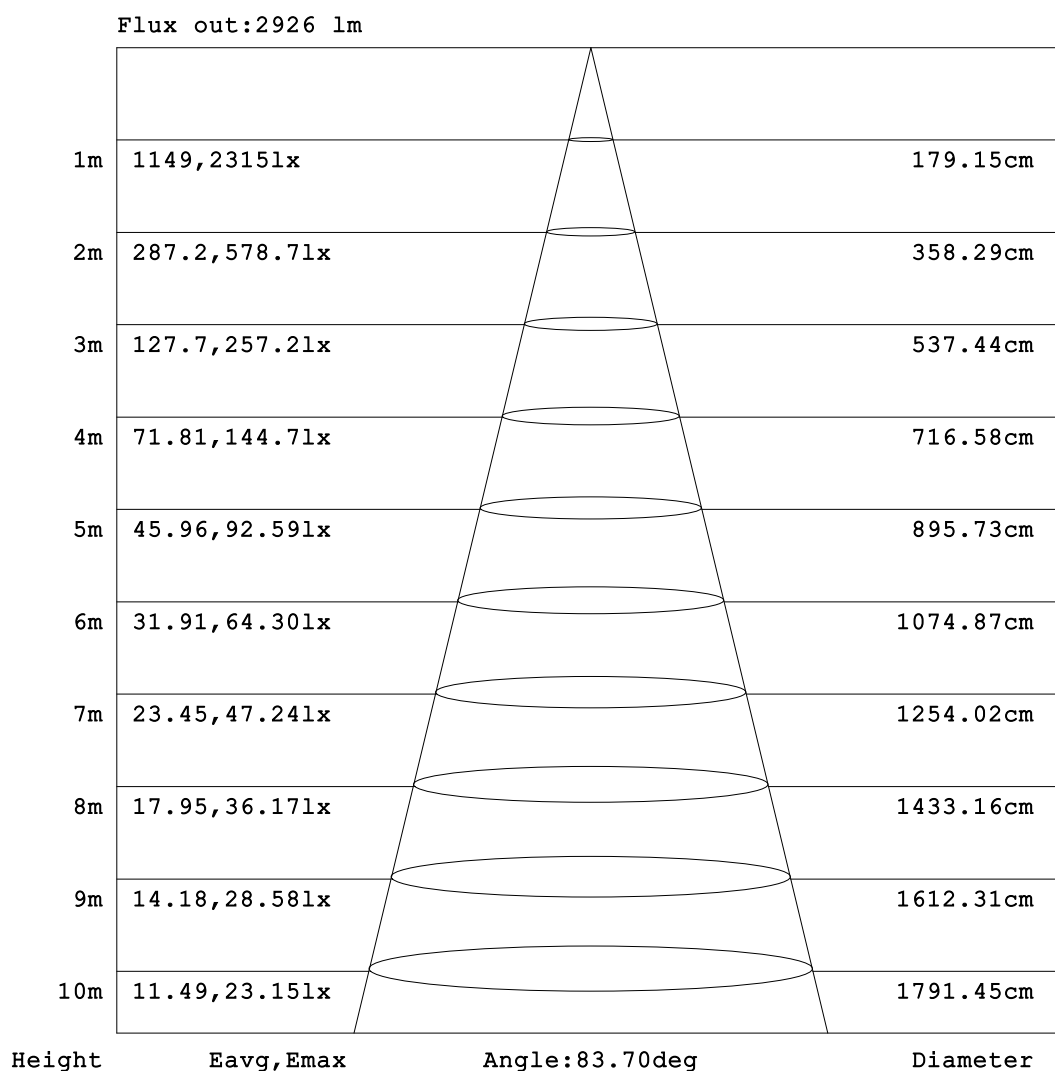


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93lx 1m		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



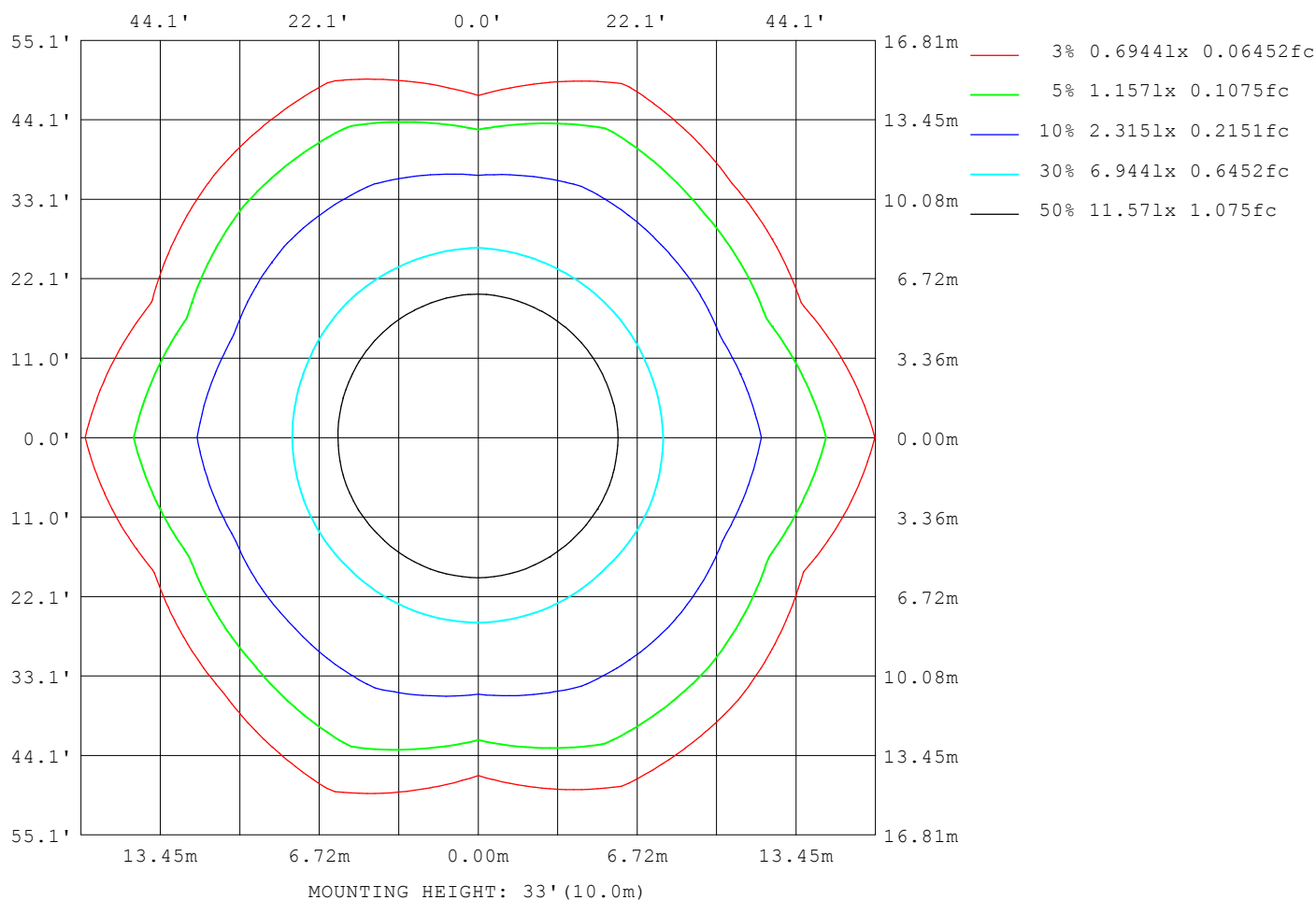
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2025-02-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
 Humidity: 65.0%
 Test Distance: 12.020m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm		
NAME: LED612-W34KA (36W 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3304	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

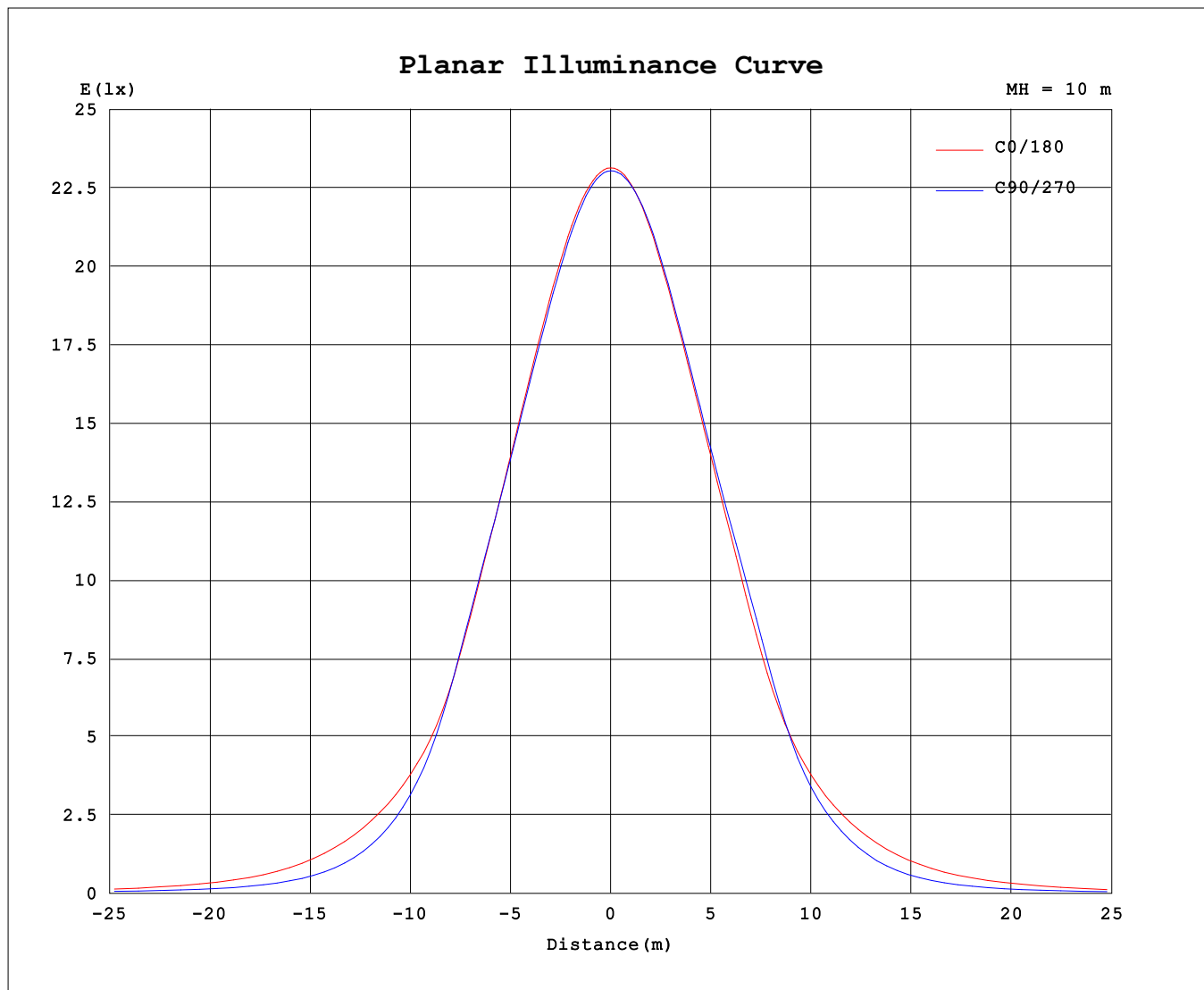
AvgL	cd/m2
L_0~180 (65) av	2425
L_0~180 (75) av	1712
L_0~180 (85) av	2100
L_90~270 (65) av	1115
L_90~270 (75) av	1159
L_90~270 (85) av	616
L_45 (65) av	1743
L_45 (75) av	1670
L_45 (85) av	1499

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-02-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-02-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.477
Humidity: 65.0%
Test Distance: 12.020m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.32V I:0.1582A P:35.520W PF:0.9748 Freq:50.00Hz Lamp Flux:4570.93x1 lm																	
NAME: LED612-W34KA (36W 3000K)									TYPE:						WEIGHT:		
SPEC.:									DIM.: 0.3304						SERIAL No.: 1		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307	2307			
5	2293	2292	2291	2292	2291	2294	2292	2296	2294	2295	2297	2300	2299	2298	2294	2293			
10	2255	2252	2247	2249	2245	2250	2246	2252	2252	2259	2266	2270	2268	2265	2258	2254			
15	2190	2184	2177	2177	2174	2179	2177	2184	2184	2192	2201	2205	2206	2200	2194	2187			
20	2099	2091	2084	2086	2084	2089	2087	2095	2094	2101	2111	2116	2119	2112	2105	2097			
25	1985	1976	1967	1974	1977	1979	1976	1987	1984	1992	2002	2011	2019	2006	1994	1985			
30	1832	1828	1815	1830	1839	1838	1831	1845	1838	1850	1866	1880	1893	1869	1847	1834			
35	1604	1602	1574	1605	1629	1617	1604	1622	1611	1632	1660	1681	1711	1655	1620	1600			
40	1296	1284	1241	1260	1265	1273	1265	1290	1312	1302	1342	1345	1362	1309	1277	1260			
45	1069	975	964	965	889	970	944	960	1066	974	1020	1013	958	988	960	935			
50	880	688	742	759	595	777	698	675	862	689	777	804	651	782	706	667			
55	681	440	529	572	370	594	486	436	658	450	556	610	393	595	480	432			
60	487	287	359	400	228	425	323	280	471	288	371	439	231	423	319	280			
65	347	202	248	275	160	282	233	196	331	196	265	295	151	289	229	194			
70	237	163	189	191	135	186	188	161	214	160	204	195	124	189	181	159			
75	154	135	145	124	99.7	119	140	132	139	127	144	122	98.5	113	143	137			
80	113	100	90.3	70.1	60.9	69.1	85.5	93.6	94.7	87.3	83.6	65.9	61.2	65.5	90.1	101			
85	65.8	55.8	45.6	29.1	17.7	27.8	42.2	53.1	55.2	49.8	40.4	24.9	17.8	25.8	44.4	55.9			
90	44.1	37.5	26.3	11.0	2.60	10.1	23.2	32.9	36.1	31.5	22.2	8.99	1.92	10.9	26.7	37.9			
95	36.1	31.9	23.1	10.7	3.41	9.44	18.9	26.2	28.6	25.4	18.1	8.50	2.54	10.7	23.3	32.3			
100	34.1	30.9	23.3	12.0	4.86	10.9	19.5	25.5	27.3	24.8	18.6	9.66	3.58	11.5	23.2	31.1			
105	33.0	30.2	23.4	13.2	6.70	12.6	20.7	26.3	27.7	25.4	19.6	11.0	5.02	12.3	22.8	30.1			
110	32.5	30.2	23.3	14.8	8.79	14.6	21.1	27.4	28.5	26.4	20.7	12.6	6.75	13.5	23.1	29.8			
115	32.5	29.9	23.5	16.6	11.2	16.6	22.4	27.4	29.4	26.2	22.0	14.5	8.76	14.9	23.1	29.1			
120	32.6	29.6	25.2	18.2	13.6	18.7	24.9	28.9	30.5	27.6	23.0	16.4	11.1	16.3	23.7	28.6			
125	33.3	30.9	26.6	20.2	16.5	21.0	26.8	31.1	32.0	29.5	24.6	18.2	13.4	18.0	24.9	29.8			
130	34.0	32.1	28.1	22.0	19.0	23.4	28.7	32.7	33.4	30.8	26.2	20.4	15.9	20.0	26.2	30.9			
135	34.7	33.2	29.3	23.8	21.6	25.5	30.3	34.0	34.5	32.0	27.8	22.5	18.4	21.7	27.5	31.9			
140	35.4	33.9	30.2	25.3	24.0	27.4	31.8	35.0	35.3	33.0	29.2	24.2	20.9	23.4	28.7	32.6			
145	35.7	34.5	30.5	26.3	26.4	28.5	33.0	35.9	35.8	33.8	30.6	25.3	23.3	24.4	29.6	33.1			
150	36.0	35.1	30.9	27.6	28.7	30.3	34.3	36.7	36.4	34.6	31.9	27.4	25.7	25.6	30.4	33.7			
155	36.2	35.5	31.8	29.7	31.1	32.1	35.3	37.5	36.8	35.4	32.9	29.3	28.2	27.5	31.2	34.4			
160	36.4	36.3	32.0	32.1	33.3	33.7	35.2	38.2	37.3	36.3	33.1	31.3	30.7	29.9	31.5	35.5			
165	36.3	34.7	33.1	34.0	35.1	35.2	36.0	36.9	36.1	35.3	34.3	33.3	33.2	32.4	32.2	34.8			
170	36.1	34.6	34.9	35.9	36.7	36.5	36.7	37.1	36.6	35.8	35.5	35.2	35.4	34.8	34.4	35.0			
175	36.4	35.9	36.6	37.4	37.5	37.4	37.2	37.1	36.8	36.4	36.6	36.6	37.0	36.9	36.6	36.3			
180	38.0	36.8	37.2	37.4	37.6	37.6	37.5	37.2	38.0	36.8	37.2	37.4	37.6	37.6	37.5	37.2			

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