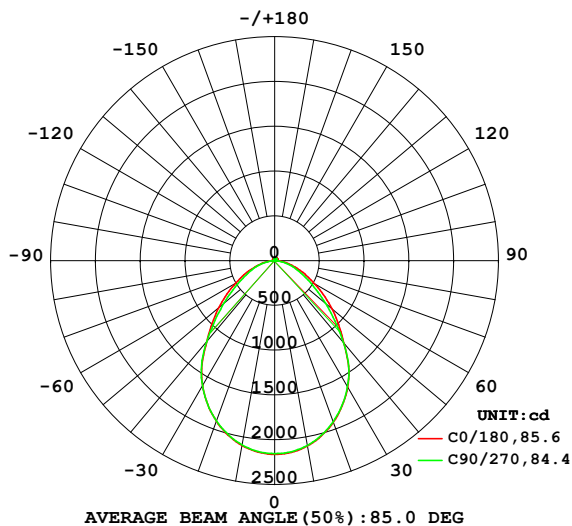


LUMINAIRE PHOTOMETRIC TEST REPORT

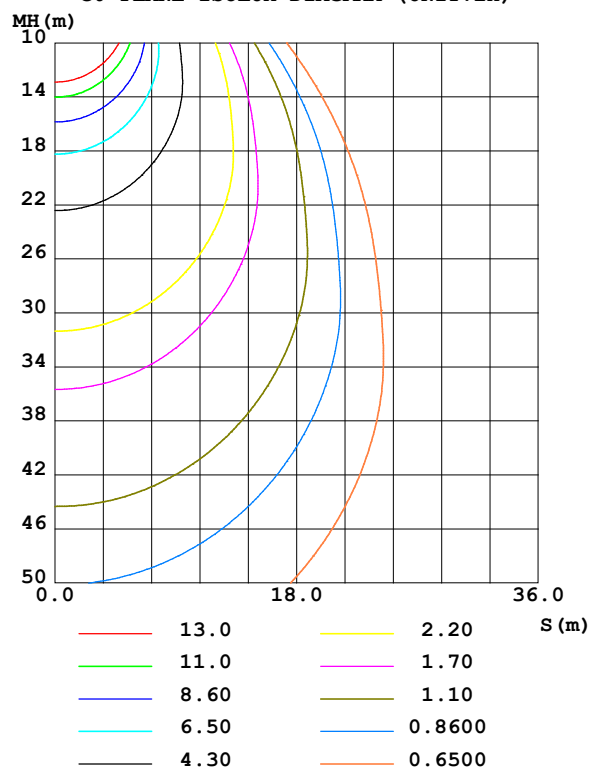
Test:U:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.06 lm/W			
MODEL		I _{max} (cd)	2162	S/MH(C0/180)	1.13
NOMINAL POWER(W)	39.9	LOR(%)	100.0	S/MH(C90/270)	1.13
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4500.5	η UP,DN(C0-180)	1.6,48.8
NOMINAL FLUX(lm)	4500.53	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,48.1
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	33.97	η down (%)	96.9	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:2025-06-16

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	2103	2100	2096	2092	2096	2093	2090	2086	0- 10	202.9	202.9	4.51,4.51
20	1919	1915	1913	1908	1907	1905	1904	1897	10- 20	567.0	769.8	17.1,17.1
30	1632	1627	1627	1617	1611	1612	1614	1604	20- 30	815.6	1585	35.2,35.2
40	1205	1201	1198	1186	1181	1186	1182	1165	30- 40	884.6	2470	54.9,54.9
50	836.1	811.3	744.0	759.1	813.4	795.4	739.0	759.8	40- 50	750.7	3221	71.6,71.6
60	514.4	492.8	430.5	447.7	499.5	478.2	431.5	443.2	50- 60	549.9	3771	83.8,83.8
70	282.8	269.7	236.0	255.6	272.2	263.7	240.1	251.0	60- 70	353.2	4124	91.6,91.6
80	114.1	100.6	85.12	102.3	107.4	99.24	85.76	99.36	70- 80	185.2	4309	95.7,95.7
90	26.57	16.43	2.935	19.35	26.50	16.42	2.675	18.50	80- 90	50.76	4360	96.9,96.9
100	26.09	17.49	4.954	19.33	25.60	16.83	4.697	19.32	90-100	17.79	4378	97.3,97.3
110	27.54	19.89	8.417	20.95	26.21	18.71	8.067	21.35	100-110	18.99	4397	97.7,97.7
120	29.12	22.06	12.35	22.43	26.64	20.63	11.93	22.52	110-120	19.95	4416	98.1,98.1
130	30.94	25.00	17.12	25.33	29.13	23.49	16.37	25.62	120-130	20.25	4437	98.6,98.6
140	32.68	27.71	21.73	27.89	30.87	26.50	20.64	28.14	130-140	19.83	4457	99,99
150	33.76	28.93	26.04	30.01	32.22	29.01	24.72	29.40	140-150	17.65	4474	99.4,99.4
160	34.40	30.60	30.37	31.80	33.13	30.90	29.52	30.50	150-160	13.97	4488	99.7,99.7
170	34.01	32.62	33.60	33.00	33.15	33.23	33.41	31.92	160-170	9.112	4497	99.9,99.9
180	35.21	34.82	34.95	34.51	35.23	34.82	34.98	34.58	170-180	3.225	4501	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2867.7 lm

%lum = 63.7%

%lamp = 63.7%

Conical surface Flux(120deg): 3770.6 lm

%lum = 83.8%

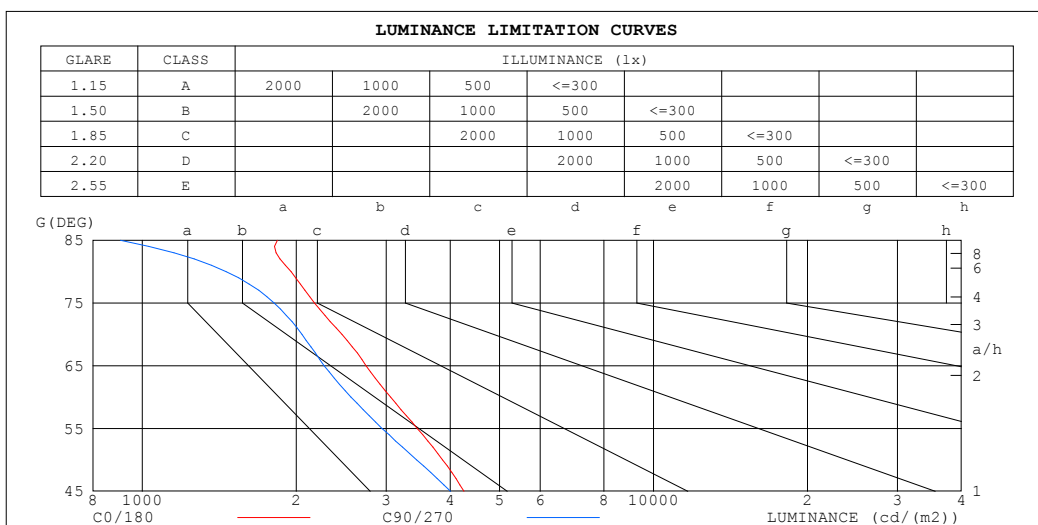
%lamp = 83.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



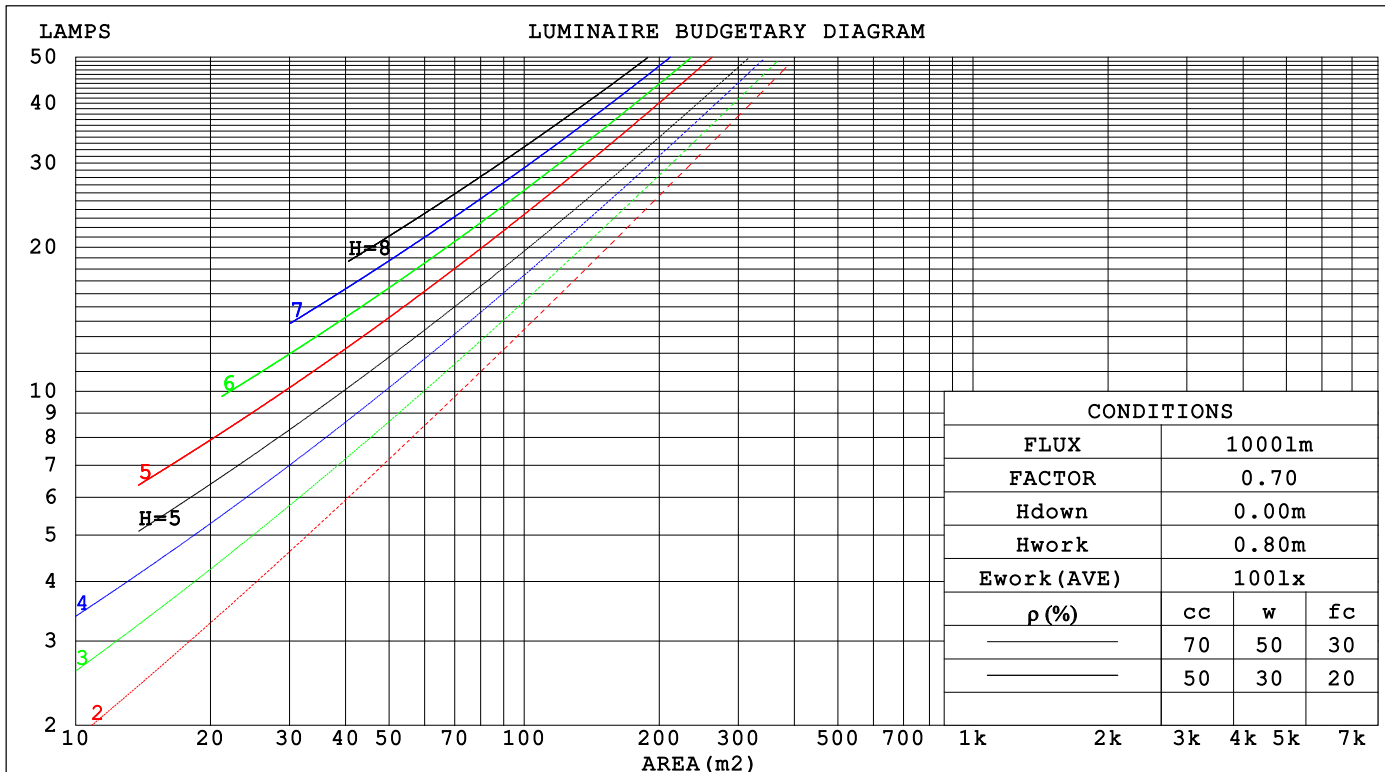
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
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	1.05	1.02	.98	1.03	.99	.96	.98	.95	.93	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.87	.82	.91	.86	.81	.87	.83	.79	.84	.80	.77	.80	.77	.75	.72
3.0	.83	.76	.70	.82	.75	.70	.78	.73	.68	.75	.70	.66	.72	.68	.65	.63
4.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.68	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.62	.53	.47	.60	.53	.47	.58	.52	.47	.57	.51	.46	.55	.49	.45	.43
7.0	.56	.48	.43	.55	.48	.42	.54	.47	.42	.52	.46	.41	.50	.45	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.49	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.43	.38	.34	.32
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.41	.35	.31	.40	.35	.31	.29



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
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	.268	.153	.048	.260	.149	.047	.246	.141	.045	.232	.134	.043	.219	.127	.041		
2.0	.255	.140	.043	.248	.137	.042	.235	.131	.041	.223	.125	.039	.212	.120	.038		
3.0	.239	.127	.038	.233	.125	.038	.221	.120	.036	.211	.116	.035	.201	.111	.034		
4.0	.223	.116	.034	.218	.114	.034	.207	.110	.033	.198	.106	.032	.189	.103	.031		
5.0	.208	.106	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029	.178	.095	.029		
6.0	.195	.098	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027	.167	.088	.026		
7.0	.183	.090	.026	.179	.089	.025	.171	.087	.025	.164	.084	.025	.158	.082	.024		
8.0	.172	.084	.024	.168	.083	.023	.161	.081	.023	.155	.079	.023	.149	.077	.022		
9.0	.162	.078	.022	.159	.077	.022	.153	.075	.021	.147	.074	.021	.142	.072	.021		
10.0	.153	.073	.020	.150	.072	.020	.145	.071	.020	.139	.069	.020	.134	.068	.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	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023		
1.0	.201	.181	.162	.172	.155	.139	.118	.107	.096	.068	.062	.056	.022	.020	.018		
2.0	.192	.156	.127	.164	.135	.109	.112	.093	.076	.065	.054	.045	.021	.018	.015		
3.0	.183	.138	.103	.157	.119	.089	.108	.083	.063	.062	.048	.037	.020	.016	.012		
4.0	.175	.125	.087	.150	.108	.075	.103	.075	.053	.060	.044	.031	.019	.014	.010		
5.0	.167	.114	.075	.144	.099	.065	.099	.069	.046	.057	.041	.027	.018	.013	.009		
6.0	.160	.106	.066	.138	.092	.058	.095	.064	.041	.055	.038	.024	.018	.012	.008		
7.0	.154	.099	.060	.132	.086	.052	.091	.060	.037	.053	.035	.022	.017	.012	.007		
8.0	.148	.093	.055	.127	.081	.048	.088	.057	.034	.051	.033	.020	.017	.011	.007		
9.0	.142	.088	.051	.122	.076	.045	.085	.054	.032	.049	.032	.019	.016	.010	.006		
10.0	.137	.084	.048	.118	.073	.042	.082	.051	.030	.048	.030	.018	.015	.010	.006		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm											
NAME: LED612-W34KA-D (40W 950mA 3000K)						TYPE:			WEIGHT:		
SPEC.:						DIM.: 0.3363			SERIAL No.:		
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		16.2	17.6	16.5	17.8	18.1	16.1	17.5	16.4	17.7	18.0
3H		17.2	18.5	17.6	18.7	19.0	17.0	18.2	17.3	18.5	18.8
4H		17.6	18.8	18.0	19.1	19.4	17.3	18.5	17.7	18.8	19.1
6H		17.9	19.0	18.3	19.4	19.7	17.5	18.6	17.9	18.9	19.3
8H		18.0	19.1	18.4	19.4	19.8	17.6	18.6	17.9	18.9	19.3
12H		18.1	19.1	18.5	19.5	19.8	17.5	18.6	17.9	18.9	19.3
4H 2H		16.6	17.8	17.0	18.1	18.4	16.5	17.7	16.9	18.0	18.3
3H		17.8	18.8	18.2	19.1	19.5	17.6	18.6	18.0	19.0	19.3
4H		18.3	19.2	18.7	19.6	20.0	18.1	19.0	18.5	19.4	19.7
6H		18.7	19.5	19.2	20.0	20.4	18.4	19.2	18.8	19.6	20.0
8H		18.9	19.6	19.3	20.1	20.5	18.4	19.2	18.9	19.6	20.0
12H		19.0	19.7	19.5	20.1	20.6	18.4	19.1	18.9	19.6	20.0
8H 4H		18.5	19.2	18.9	19.6	20.1	18.2	19.0	18.7	19.4	19.9
6H		19.0	19.6	19.5	20.1	20.6	18.6	19.3	19.1	19.7	20.2
8H		19.2	19.8	19.7	20.3	20.8	18.8	19.3	19.3	19.8	20.3
12H		19.4	19.9	19.9	20.4	20.9	18.8	19.3	19.3	19.8	20.3
12H 4H		18.5	19.1	18.9	19.6	20.0	18.2	18.9	18.7	19.4	19.8
6H		19.0	19.6	19.5	20.1	20.6	18.7	19.2	19.2	19.7	20.2
8H		19.3	19.7	19.8	20.2	20.8	18.8	19.3	19.3	19.8	20.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.5				
1.5H		+ 0.1 / - 0.2					+ 0.1 / - 0.4				
2.0H		+ 0.5 / - 0.5					+ 0.5 / - 0.8				

CIE Pub.117, 4501 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.2$)
Area: 0.3363 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

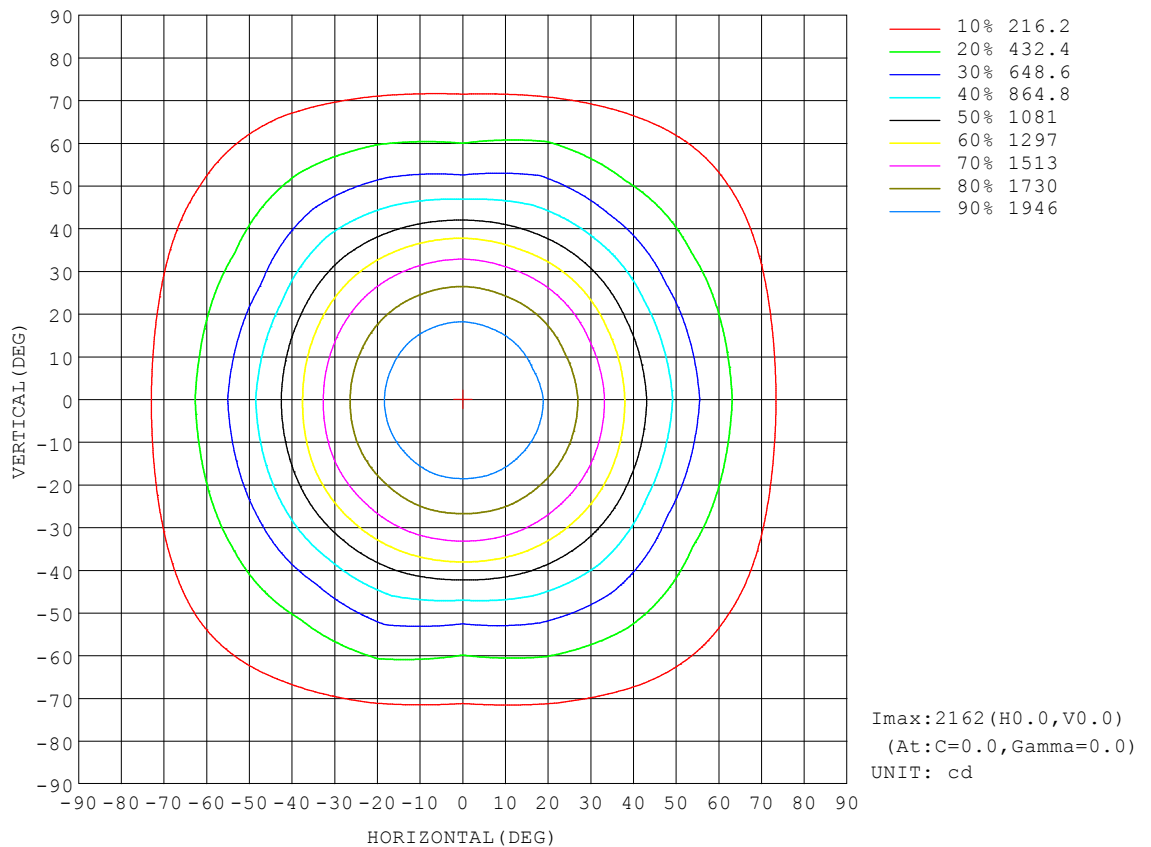
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	63	53	47	63	53	47	61	52	46	41
0.80	73	63	56	72	62	56	70	62	56	49
1.00	81	71	65	80	71	65	77	71	64	57
1.25	88	78	72	86	78	72	83	76	71	64
1.50	92	83	77	90	82	77	87	80	75	68
2.00	98	90	85	96	89	84	92	87	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	103	98	105	101	97	100	97	94	84
5.00	110	105	102	107	103	100	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: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

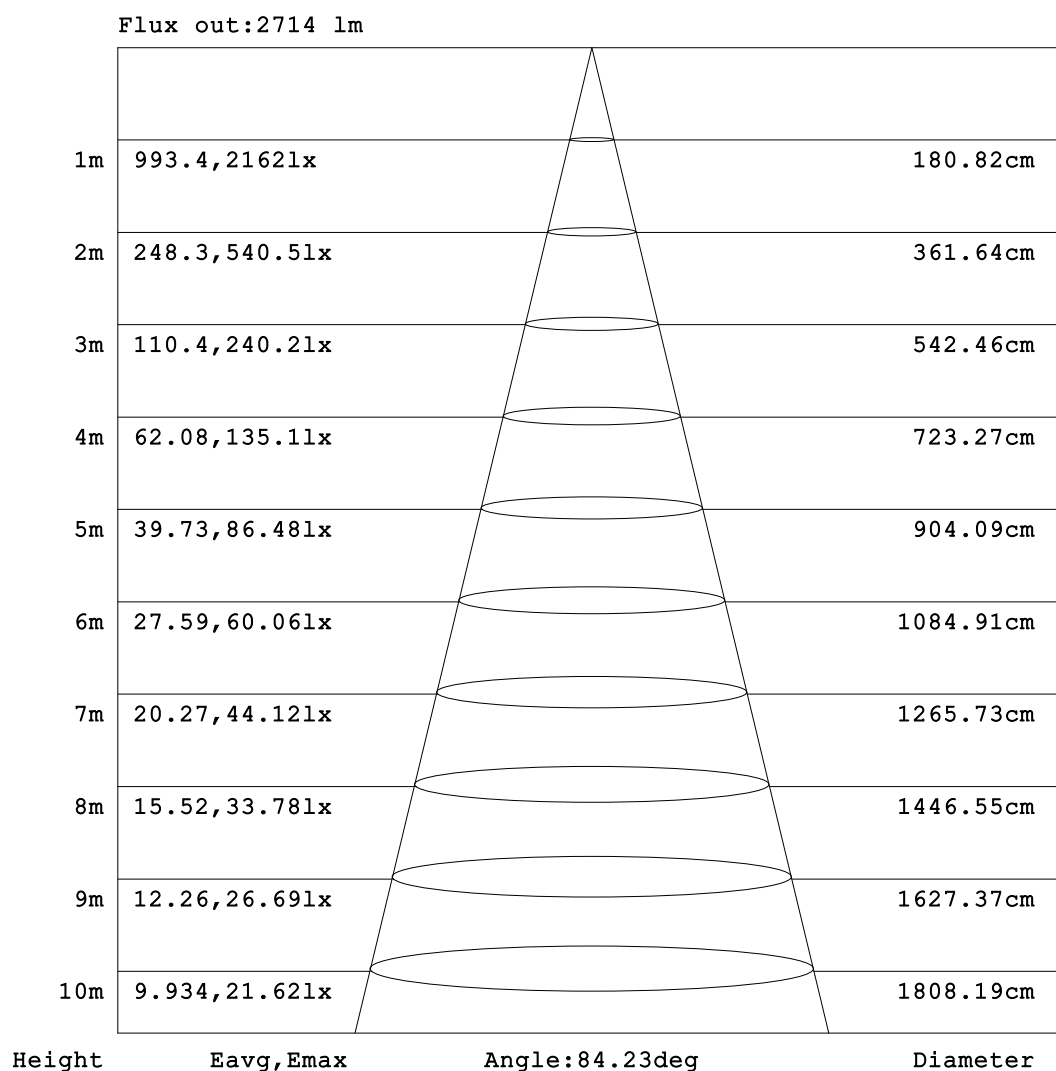


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



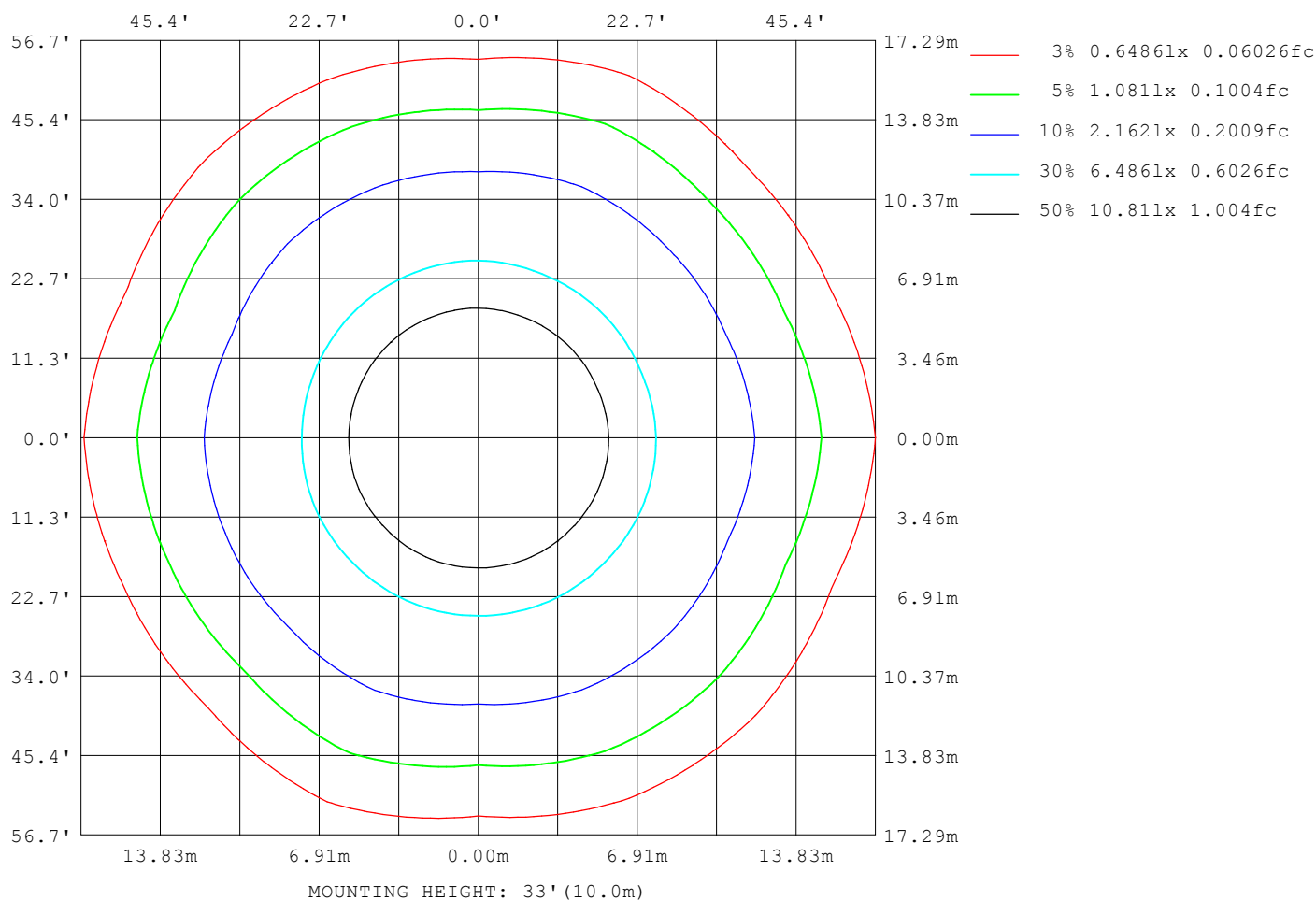
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

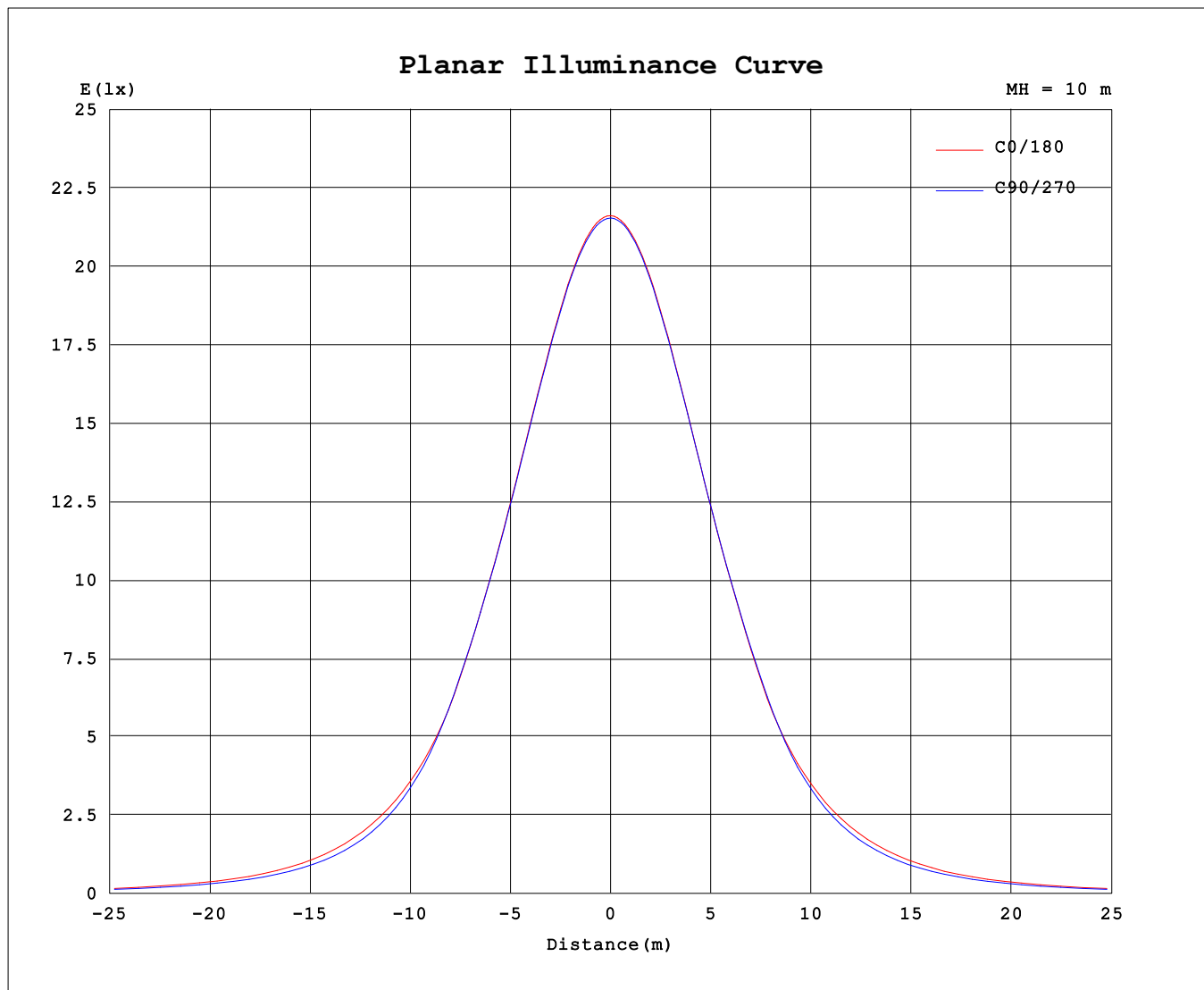
AvgL	cd/m2
L_0~180 (65) av	2705
L_0~180 (75) av	2127
L_0~180 (85) av	1769
L_90~270 (65) av	2278
L_90~270 (75) av	1821
L_90~270 (85) av	914
L_45 (65) av	2479
L_45 (75) av	2020
L_45 (85) av	1430

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:DAMIN
Test Date:2025-06-16

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: 2025-06-16

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:230.59V I:0.1610A P:35.700W PF:0.9618 Freq:50.00Hz Lamp Flux:4500.53x1 lm		
NAME: LED612-W34KA-D (40W 950mA 3000K)	TYPE:	WEIGHT:
SPEC.:	DIM.: 0.3363	SERIAL No.:
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	2162	2159	2157	2156	2155	2154	2152	2151	2162	2159	2157	2156	2155	2154	2152	2151			
5	2149	2147	2143	2143	2140	2141	2138	2137	2145	2142	2141	2139	2139	2136	2135	2135			
10	2103	2103	2100	2099	2096	2097	2092	2093	2096	2093	2093	2090	2090	2085	2086	2085			
15	2025	2025	2022	2022	2018	2021	2015	2016	2016	2012	2014	2010	2010	2004	2005	2004			
20	1919	1920	1915	1917	1913	1915	1908	1909	1907	1902	1905	1903	1904	1896	1897	1896			
25	1788	1789	1784	1787	1782	1784	1775	1777	1771	1767	1771	1770	1772	1762	1764	1763			
30	1632	1633	1627	1632	1627	1628	1617	1621	1611	1607	1612	1612	1614	1602	1604	1604			
35	1439	1443	1435	1445	1443	1441	1428	1432	1416	1415	1421	1422	1425	1405	1407	1406			
40	1205	1205	1201	1208	1198	1199	1186	1193	1181	1175	1186	1183	1182	1164	1165	1166			
45	1012	982	993	985	953	983	961	973	988	953	976	962	942	959	950	956			
50	836	776	811	803	744	806	759	779	813	749	795	782	739	791	760	762			
55	665	599	640	633	568	647	584	604	650	577	627	618	568	635	585	587			
60	514	455	493	486	430	501	448	458	500	443	478	473	431	492	443	448			
65	390	345	369	365	322	375	343	350	379	338	360	355	325	365	337	343			
70	283	260	270	264	236	265	256	263	272	251	264	257	240	255	251	258			
75	189	181	179	172	158	170	176	185	181	173	176	168	159	164	172	178			
80	114	108	101	92.5	85.1	96.3	102	110	107	102	99.2	90.2	85.8	90.2	99.4	105			
85	53.8	49.9	41.2	32.6	26.5	36.3	44.0	51.7	49.9	45.8	40.5	31.1	27.0	32.3	41.9	47.2			
90	26.6	23.5	16.4	7.60	2.94	10.6	19.4	25.5	26.5	23.4	16.4	7.46	2.68	10.0	18.5	24.2			
95	25.5	22.8	16.5	8.35	3.68	10.8	18.8	24.3	25.5	22.6	16.2	7.95	3.46	10.6	18.4	23.7			
100	26.1	23.6	17.5	9.60	4.95	11.8	19.3	24.5	25.6	22.9	16.8	8.99	4.70	11.7	19.3	24.3			
105	26.8	24.4	18.6	11.0	6.57	13.0	20.1	24.9	25.8	23.3	17.7	10.3	6.23	13.0	20.3	25.0			
110	27.5	25.4	19.9	12.7	8.42	14.3	21.0	25.5	26.2	24.0	18.7	11.9	8.07	14.5	21.4	25.8			
115	28.5	26.4	20.9	14.5	10.3	15.9	20.9	26.1	26.9	24.4	19.8	13.6	10.0	16.1	21.4	26.7			
120	29.1	26.3	22.1	16.4	12.3	17.3	22.4	26.0	26.6	24.6	20.6	15.4	11.9	17.5	22.5	26.4			
125	29.6	27.5	23.6	18.1	14.5	19.0	24.0	27.2	27.8	25.9	22.0	17.1	14.0	19.1	24.3	27.4			
130	30.9	29.0	25.0	20.0	17.1	20.9	25.3	28.5	29.1	27.1	23.5	19.1	16.4	21.0	25.6	28.8			
135	31.9	30.0	26.5	21.8	19.5	22.8	26.6	29.5	30.0	28.2	25.1	21.0	18.4	22.5	26.9	29.8			
140	32.7	30.9	27.7	23.3	21.7	24.5	27.9	30.4	30.9	29.3	26.5	23.0	20.6	23.8	28.1	30.6			
145	33.3	31.8	28.4	24.7	23.9	26.1	29.0	31.2	31.6	30.2	27.8	24.2	22.8	25.0	29.3	31.4			
150	33.8	32.5	28.9	25.7	26.0	27.6	30.0	31.8	32.2	31.0	29.0	25.7	24.7	26.2	29.4	32.1			
155	34.1	33.2	29.7	27.3	28.3	28.3	30.9	32.4	32.7	31.7	30.2	27.8	27.2	27.1	29.9	32.7			
160	34.4	33.8	30.6	29.5	30.4	30.1	31.8	33.0	33.1	32.4	30.9	29.8	29.5	28.7	30.5	33.5			
165	34.7	33.5	30.9	31.5	32.1	31.8	31.6	33.3	33.4	32.7	31.6	31.8	31.7	30.9	30.6	34.1			
170	34.0	32.4	32.6	33.3	33.6	33.6	33.0	32.9	33.1	33.0	33.2	33.5	33.4	32.8	31.9	32.5			
175	34.5	33.4	34.2	34.5	34.5	34.4	34.3	33.9	34.2	34.3	34.5	34.4	34.5	34.3	33.8	33.0			
180	35.2	34.4	34.8	34.9	34.9	34.8	34.5	33.5	35.2	34.4	34.8	34.8	35.0	34.8	34.6	33.5			

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