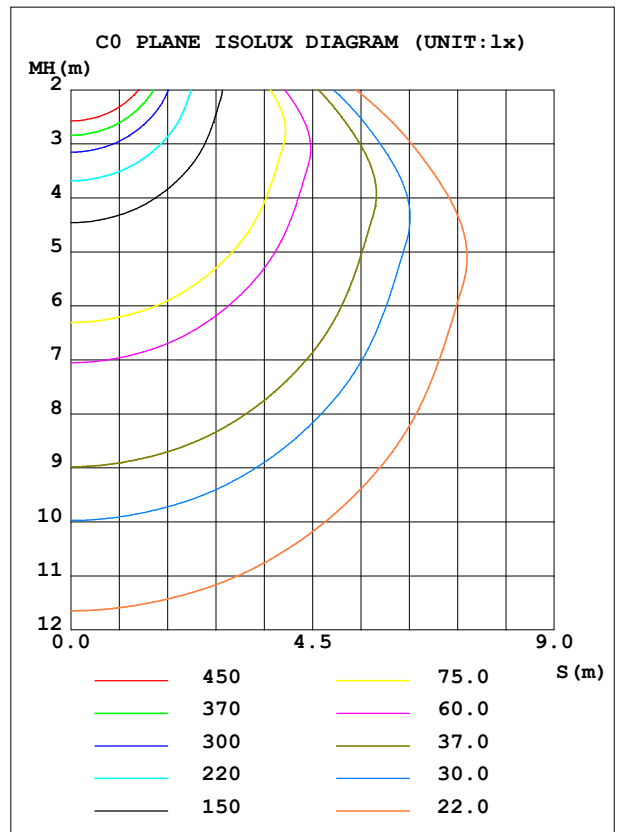
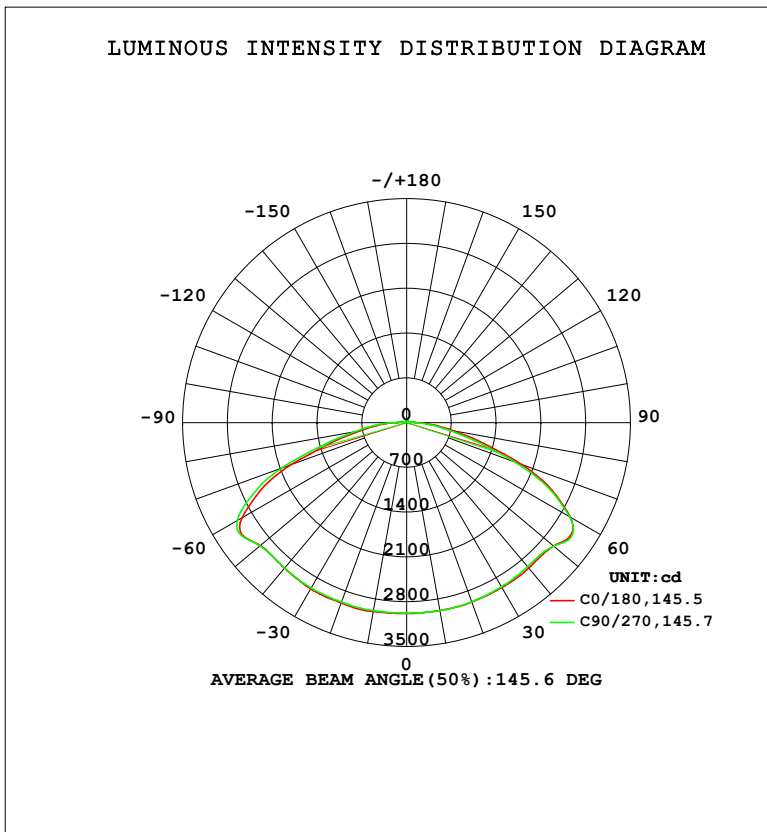


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-CAN09S-A100	Imax (cd)	3140	S/MH (C0/180)	1.53
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.53
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	14448	<input type="checkbox"/> UP, DN (C0-180)	1.1,48.1
NOMINAL FLUX (lm)	14448	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	1.3,49.5
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	2.3	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	277	<input type="checkbox"/> down (%)	97.7	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 9.600m [K=1.0000]  
 Remarks:

**ZONAL FLUX DIAGRAM**

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	2981	2981	2984	2985	3000	2992	2984	2973	0- 10	284.5	284.5	1.97,1.97
20	2984	2982	2978	2997	2999	3008	2984	2980	10- 20	847.3	1132	7.83,7.83
30	2977	2937	2962	2951	3002	2976	2984	2954	20- 30	1379	2511	17.4,17.4
40	2968	2831	2940	2842	2971	2881	2968	2863	30- 40	1849	4360	30.2,30.2
50	3002	2727	3005	2724	2988	2765	2996	2755	40- 50	2234	6593	45.6,45.6
60	2955	2726	2942	2699	2971	2740	3059	2721	50- 60	2608	9202	63.7,63.7
70	1917	2428	1796	2405	1923	2553	2085	2509	60- 70	2579	11781	81.5,81.5
80	744.3	1326	650.3	1319	741.0	1512	824.4	1515	70- 80	1677	13458	93.1,93.1
90	182.5	252.5	147.6	252.6	166.4	386.2	225.9	389.3	80- 90	651.6	14109	97.7,97.7
100	86.41	101.0	79.97	101.5	90.62	117.7	94.91	117.5	90-100	160.3	14270	98.8,98.8
110	41.52	31.39	35.53	32.39	46.53	41.04	43.82	41.49	100-110	67.81	14337	99.2,99.2
120	25.29	19.45	25.09	19.68	29.22	23.65	29.49	23.74	110-120	29.41	14367	99.4,99.4
130	21.61	22.53	22.21	22.39	24.62	24.73	24.83	24.91	120-130	21.05	14388	99.6,99.6
140	24.48	25.78	25.11	25.56	26.33	27.02	26.30	27.17	130-140	19.08	14407	99.7,99.7
150	26.96	27.59	27.33	27.41	27.96	28.42	27.99	28.51	140-150	16.93	14424	99.8,99.8
160	28.33	28.31	28.48	28.22	28.85	28.85	28.86	28.89	150-160	13.07	14437	99.9,99.9
170	29.22	29.05	29.13	28.97	29.32	29.14	29.20	29.16	160-170	8.170	14445	100,100
180	29.78	29.55	29.61	29.51	29.79	29.59	29.65	29.53	170-180	2.797	14448	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 5432.3 lm

%lum = 37.6%

%lamp = 37.6%

Conical surface Flux(130deg): 10554 lm

%lum = 73.1%

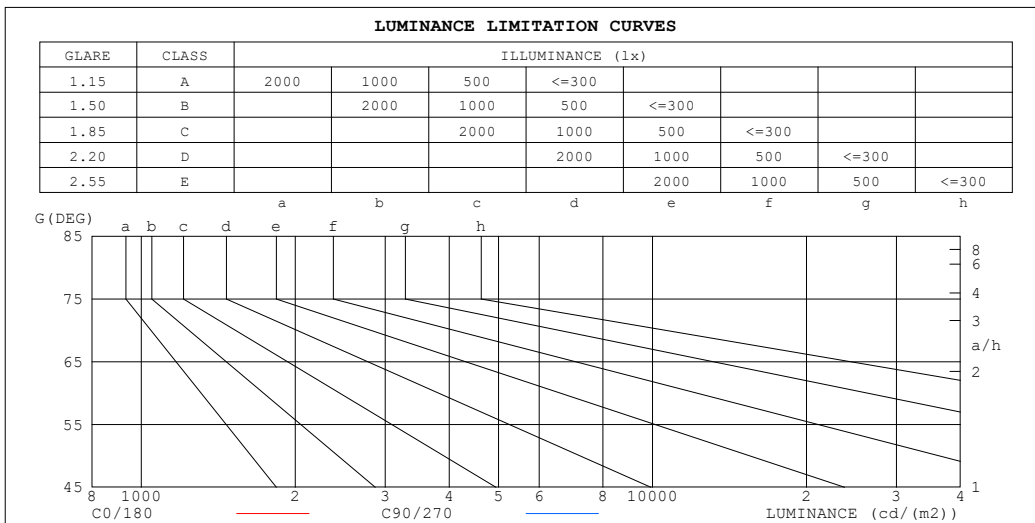
%lamp = 73.1%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-12-20

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	77732	64289
80	68576	59921
75	76684	69377
70	89659	84026
65	94919	93667
60	94557	94154
55	86738	87374
50	74713	74796
45	66973	66492

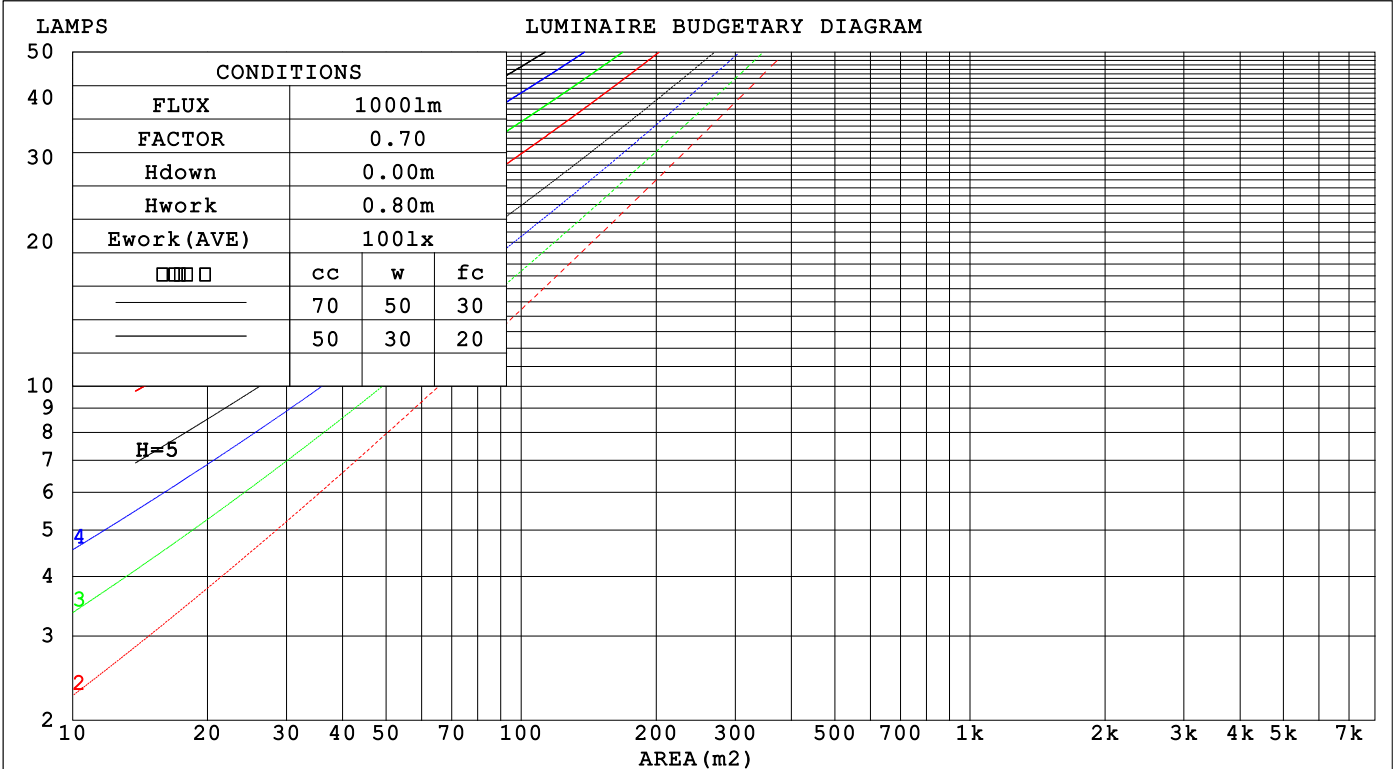
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz	
UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:14448x1 lm	
NAME: ASD-CAN09S-A100	
SPEC.: 4000K	
MFR.: ASD Lighting Corp	

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	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	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	.00	.94	.90	.97	.92	.88	.92	.88	.85	.88	.85	.82	.84	.81	.79	.76
2.0	.84	.76	.69	.82	.75	.68	.78	.72	.66	.74	.69	.64	.71	.66	.62	.60
3.0	.72	.63	.55	.70	.62	.54	.67	.59	.53	.64	.57	.52	.61	.55	.51	.48
4.0	.63	.53	.45	.61	.52	.45	.58	.50	.44	.56	.48	.43	.53	.47	.42	.39
5.0	.55	.45	.38	.54	.44	.37	.51	.43	.37	.49	.42	.36	.47	.40	.35	.33
6.0	.49	.39	.32	.48	.39	.32	.46	.37	.31	.44	.36	.31	.42	.35	.30	.28
7.0	.44	.34	.28	.43	.34	.27	.41	.33	.27	.39	.32	.27	.38	.31	.26	.24
8.0	.40	.31	.24	.39	.30	.24	.37	.29	.24	.36	.29	.23	.35	.28	.23	.21
9.0	.36	.27	.21	.36	.27	.21	.34	.26	.21	.33	.26	.21	.32	.25	.21	.19
10.0	.33	.25	.19	.33	.25	.19	.31	.24	.19	.30	.24	.19	.29	.23	.18	.17



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-12-20

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.381	.217	.069	.373	.213	.068	.358	.205	.066	.344	.199	.064	.332	.192	.062	
2.0	.346	.189	.058	.338	.186	.057	.325	.181	.056	.313	.175	.055	.301	.170	.054	
3.0	.312	.166	.050	.306	.164	.049	.294	.159	.048	.283	.155	.047	.272	.151	.047	
4.0	.283	.147	.043	.277	.145	.043	.266	.141	.042	.256	.138	.042	.247	.134	.041	
5.0	.257	.131	.038	.252	.129	.038	.243	.126	.037	.234	.123	.037	.225	.120	.036	
6.0	.236	.118	.034	.231	.117	.034	.223	.114	.033	.214	.111	.033	.207	.109	.032	
7.0	.217	.107	.030	.213	.106	.030	.205	.104	.030	.198	.102	.030	.191	.099	.029	
8.0	.201	.098	.028	.197	.097	.027	.190	.095	.027	.184	.093	.027	.178	.091	.027	
9.0	.187	.090	.025	.184	.089	.025	.177	.088	.025	.171	.086	.025	.166	.084	.024	
10.0	.175	.084	.023	.172	.083	.023	.166	.081	.023	.161	.080	.023	.156	.078	.022	

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.208	.208	.208	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.203	.174	.147	.174	.149	.126	.119	.102	.087	.068	.059	.051	.022	.019	.016	
2.0	.198	.150	.110	.169	.129	.095	.116	.089	.066	.067	.052	.039	.021	.017	.013	
3.0	.191	.133	.087	.164	.115	.075	.112	.080	.053	.065	.046	.031	.021	.015	.010	
4.0	.183	.120	.072	.157	.104	.062	.108	.072	.044	.063	.042	.026	.020	.014	.009	
5.0	.176	.110	.062	.151	.095	.054	.104	.066	.038	.060	.039	.022	.019	.013	.007	
6.0	.168	.102	.054	.144	.088	.047	.100	.062	.034	.058	.036	.020	.019	.012	.007	
7.0	.161	.095	.049	.138	.082	.043	.096	.058	.030	.056	.034	.018	.018	.011	.006	
8.0	.154	.089	.045	.132	.078	.039	.092	.054	.028	.053	.032	.017	.017	.011	.006	
9.0	.147	.084	.042	.127	.073	.037	.088	.052	.026	.051	.030	.016	.017	.010	.005	
10.0	.141	.080	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm										
NAME: ASD-CAN09S-A100										
SPEC.: 4000K										
MFR.: ASD Lighting Corp										

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	28.8	30.4	29.1	30.7	31.0	28.8	30.5	29.1	30.8	31.0
3H	30.9	32.5	31.3	32.8	33.1	30.9	32.4	31.2	32.7	33.0
4H	31.6	33.1	32.0	33.4	33.8	31.5	32.9	31.8	33.3	33.6
6H	32.1	33.5	32.5	33.8	34.2	31.8	33.2	32.2	33.6	33.9
8H	32.3	33.6	32.6	34.0	34.3	31.9	33.3	32.3	33.6	34.0
12H	32.4	33.7	32.8	34.0	34.4	32.0	33.3	32.4	33.7	34.1
4H 2H	29.7	31.2	30.1	31.5	31.8	29.7	31.2	30.1	31.5	31.9
3H	32.1	33.4	32.5	33.7	34.1	32.0	33.3	32.4	33.7	34.0
4H	32.9	34.1	33.3	34.5	34.9	32.7	33.9	33.1	34.3	34.7
6H	33.5	34.6	33.9	35.0	35.4	33.2	34.3	33.6	34.7	35.1
8H	33.7	34.7	34.2	35.1	35.6	33.4	34.4	33.8	34.8	35.3
12H	33.9	34.8	34.4	35.3	35.7	33.5	34.5	34.0	34.9	35.4
8H 4H	33.5	34.5	33.9	34.9	35.3	33.3	34.3	33.7	34.7	35.2
6H	34.3	35.1	34.8	35.6	36.1	34.0	34.8	34.5	35.3	35.8
8H	34.6	35.4	35.1	35.8	36.3	34.3	35.0	34.8	35.5	36.0
12H	34.9	35.6	35.4	36.0	36.6	34.5	35.2	35.0	35.7	36.2
12H 4H	33.5	34.4	34.0	34.9	35.3	33.3	34.3	33.8	34.7	35.2
6H	34.4	35.2	34.9	35.7	36.2	34.2	34.9	34.7	35.4	35.9
8H	34.8	35.5	35.4	36.0	36.5	34.5	35.2	35.1	35.7	36.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.3 / - 0.6					+ 0.4 / - 0.7				

CIE Pub.117, 14448 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.3)  
 Area: 0.0625 m2

C Range: 0 - 360DEG	<input type="checkbox"/> Range: 0 - 180DEG
C Interval: 22.5DEG	<input type="checkbox"/> Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
Temperature:25.3°C	Humidity:65.0%
Operators:DAMIN	Test Distance:9.600m [K=1.0000]
Test Date:2023-12-20	Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp

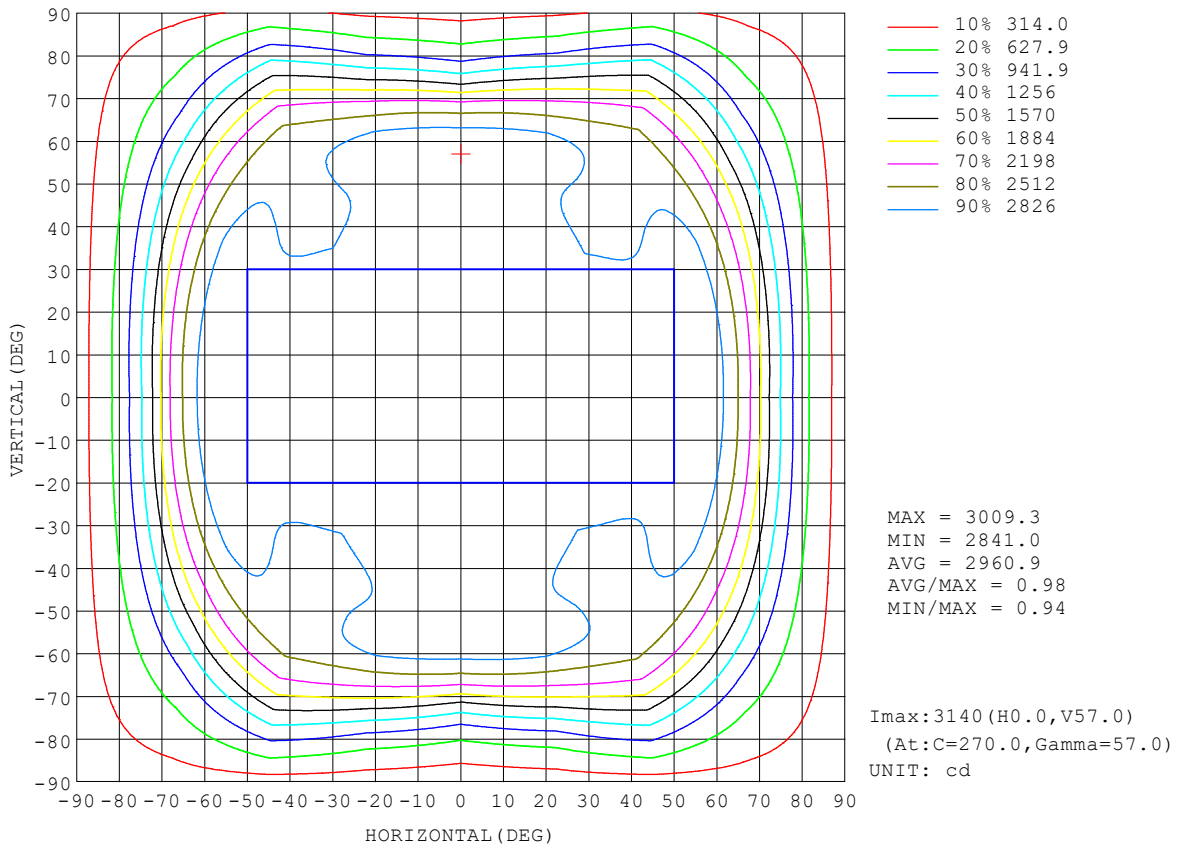
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	49	37	29	49	36	29	47	36	28	21
0.80	59	46	37	58	45	37	56	44	37	29
1.00	67	54	46	66	54	46	63	56	45	37
1.25	75	62	54	73	62	53	70	60	52	44
1.50	80	68	60	78	67	59	75	65	58	49
2.00	88	78	70	86	76	69	82	74	67	58
2.50	93	83	76	91	82	75	86	79	73	63
3.00	97	88	82	95	87	80	90	83	78	68
4.00	102	95	89	99	93	87	94	89	85	74
5.00	105	99	94	102	97	92	97	93	89	78
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:2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm	
NAME: ASD-CAN09S-A100	
SPEC.: 4000K	
MFR.: ASD Lighting Corp	



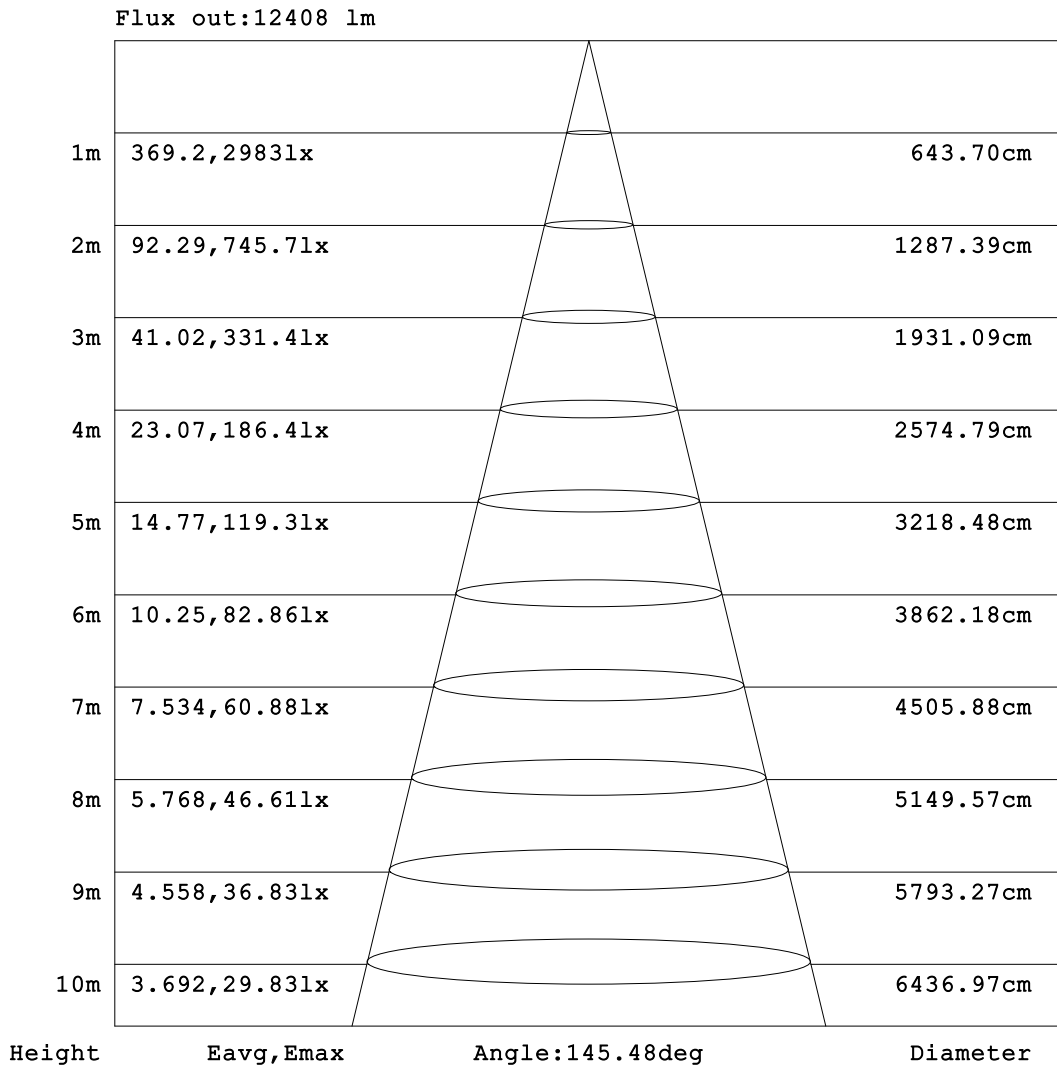
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 9.600m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp



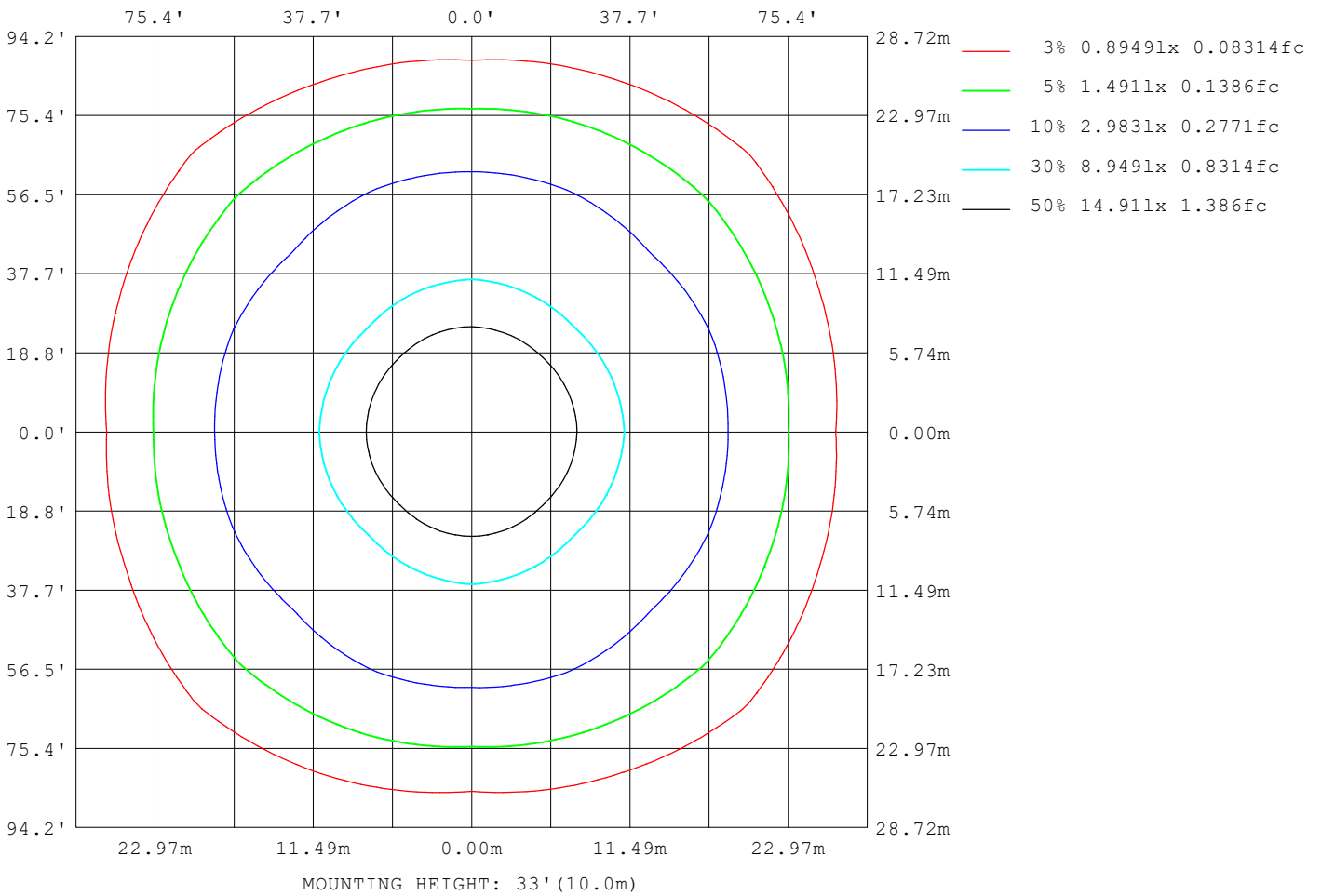
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 9.600m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm	
NAME: ASD-CAN09S-A100	
SPEC.: 4000K	
MFR.: ASD Lighting Corp	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm	
NAME: ASD-CAN09S-A100	
SPEC.: 4000K	
MFR.: ASD Lighting Corp	

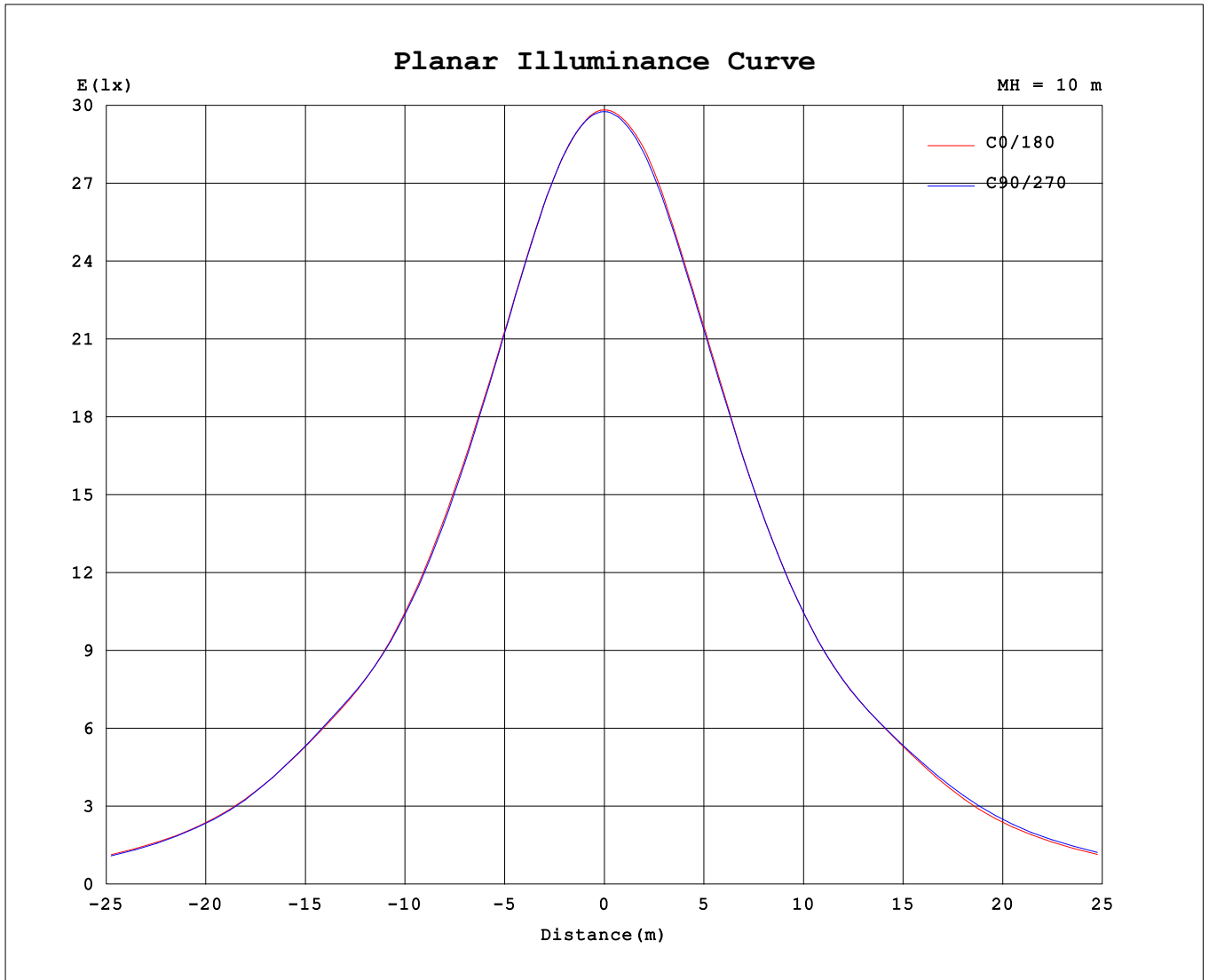
AvgL	cd/m2
L_0~180 (65) av	95303
L_0~180 (75) av	76106
L_0~180 (85) av	78796
L_90~270 (65) av	97051
L_90~270 (75) av	76034
L_90~270 (85) av	77031
L_45 (65) av	101574
L_45 (75) av	124051
L_45 (85) av	152244

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity:65.0%  
 Test Distance:9.600m [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: 2023-12-20

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 9.600m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.82V I:0.3521A P:92.130W PF:0.9419 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:14448x1 lm
NAME: ASD-CAN09S-A100
SPEC.: 4000K
MFR.: ASD Lighting Corp

Table--1

UNIT: cd

C (DEG) □ (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	2983	2982	2980	2979	2976	2974	2974	2973	2983	2982	2980	2979	2976	2974	2973				
5	2981	2981	2981	2980	2979	2977	2977	2977	2986	2985	2984	2980	2978	2975	2974	2973			
10	2981	2981	2981	2984	2984	2983	2985	2989	3000	2997	2992	2987	2984	2979	2973	2971			
15	2986	2985	2983	2983	2986	2988	2997	3001	3009	3009	3004	2992	2987	2982	2978	2976			
20	2984	2986	2982	2977	2978	2985	2997	2994	2999	3003	3008	2992	2984	2979	2980	2976			
25	2980	2976	2969	2965	2971	2975	2983	2987	3002	2997	2996	2989	2984	2973	2973	2970			
30	2977	2960	2937	2948	2962	2960	2951	2979	3002	2994	2976	2986	2984	2966	2954	2959			
35	2978	2939	2888	2927	2954	2937	2901	2953	2984	2972	2937	2969	2978	2947	2915	2949			
40	2968	2913	2831	2898	2940	2905	2842	2916	2971	2935	2881	2942	2968	2919	2863	2933			
45	2960	2876	2773	2868	2939	2867	2780	2884	2959	2903	2822	2911	2962	2888	2807	2900			
50	3002	2860	2727	2876	3005	2859	2724	2867	2988	2880	2765	2896	2996	2871	2755	2883			
55	3109	2904	2711	2962	3132	2924	2697	2912	3107	2917	2734	2949	3118	2910	2724	2929			
60	2955	2891	2726	2963	2942	2925	2699	2906	2971	2935	2740	2981	3059	2935	2721	2928			
65	2507	2609	2675	2605	2474	2608	2641	2581	2527	2688	2725	2752	2653	2742	2691	2641			
70	1917	2134	2428	2091	1796	2114	2405	2102	1923	2224	2553	2281	2085	2283	2509	2171			
75	1240	1526	1921	1410	1122	1463	1914	1447	1222	1588	2111	1636	1338	1677	2081	1559			
80	744	950	1326	847	650	885	1319	895	741	1001	1512	1038	824	1071	1515	992			
85	423	524	738	459	350	480	741	506	435	578	916	607	489	626	922	568			
90	183	200	252	183	148	190	253	192	166	231	386	270	226	279	389	232			
95	116	134	156	123	106	128	156	129	119	144	183	147	126	153	187	143			
100	86.4	91.6	101	83.8	80.0	87.4	102	88.7	90.6	101	118	102	94.9	106	117	98.6			
105	65.3	61.9	46.4	54.8	50.9	57.7	49.0	60.5	70.1	70.9	66.5	67.6	61.7	69.2	65.2	69.3			
110	41.5	34.1	31.4	31.8	35.5	32.8	32.4	34.0	46.5	40.8	41.0	39.5	43.8	41.2	41.5	41.6			
115	29.8	26.4	22.9	25.8	28.6	25.4	23.5	26.2	33.8	30.3	29.8	30.1	34.5	31.6	29.9	31.9			
120	25.3	21.5	19.4	22.4	25.1	22.4	19.7	22.1	29.2	26.6	23.7	26.2	29.5	26.6	23.7	27.2			
125	22.7	21.0	20.7	21.8	22.9	21.5	20.6	21.5	26.2	24.8	23.5	24.7	26.4	24.9	23.7	25.1			
130	21.6	22.0	22.5	22.4	22.2	22.3	22.4	21.8	24.6	24.6	24.7	24.4	24.8	24.7	24.9	24.7			
135	22.9	23.7	24.3	23.9	23.6	24.0	24.1	23.3	25.3	25.6	25.9	25.5	25.3	25.6	26.1	25.8			
140	24.5	25.3	25.8	25.4	25.1	25.5	25.6	24.8	26.3	26.6	27.0	26.6	26.3	26.6	27.2	26.9			
145	25.9	26.5	26.9	26.6	26.4	26.6	26.7	26.1	27.3	27.5	27.9	27.6	27.3	27.5	28.0	27.9			
150	27.0	27.4	27.6	27.5	27.3	27.5	27.4	27.0	28.0	28.1	28.4	28.2	28.0	28.1	28.5	28.4			
155	27.7	28.0	28.0	28.1	28.0	28.0	27.9	27.7	28.6	28.5	28.8	28.7	28.6	28.6	28.8	28.8			
160	28.3	28.5	28.3	28.4	28.5	28.5	28.2	28.2	28.8	28.7	28.9	28.8	28.9	28.7	28.9	28.9			
165	28.8	28.8	28.7	28.7	28.8	28.8	28.6	28.5	29.1	28.8	29.0	29.0	29.0	28.9	29.0	29.1			
170	29.2	29.2	29.0	29.1	29.1	29.2	29.0	28.9	29.3	29.0	29.1	29.1	29.2	29.0	29.2	29.2			
175	29.6	29.4	29.4	29.4	29.4	29.5	29.3	29.3	29.6	29.3	29.4	29.3	29.5	29.3	29.4	29.4			
180	29.8	29.6	29.6	29.6	29.6	29.6	29.5	29.5	29.8	29.5	29.6	29.5	29.7	29.5	29.5	29.5			

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