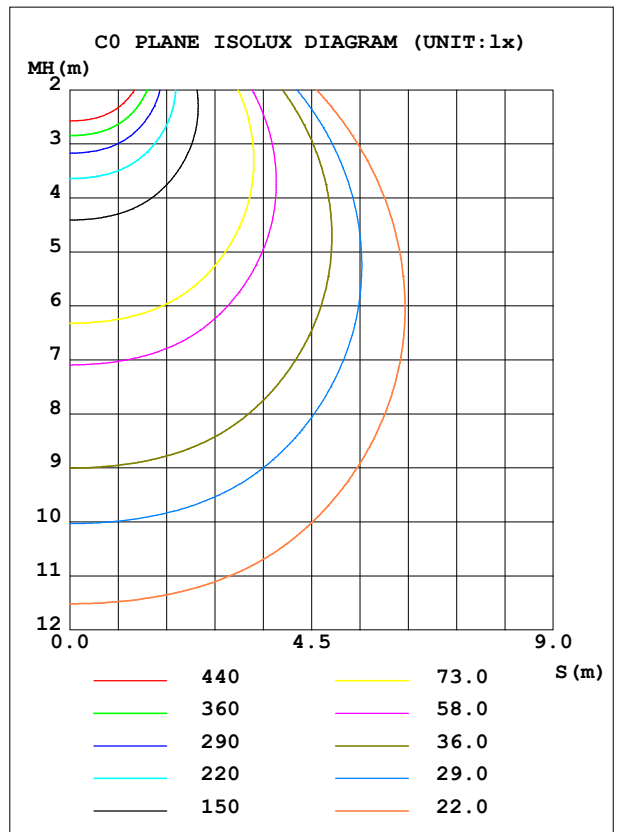
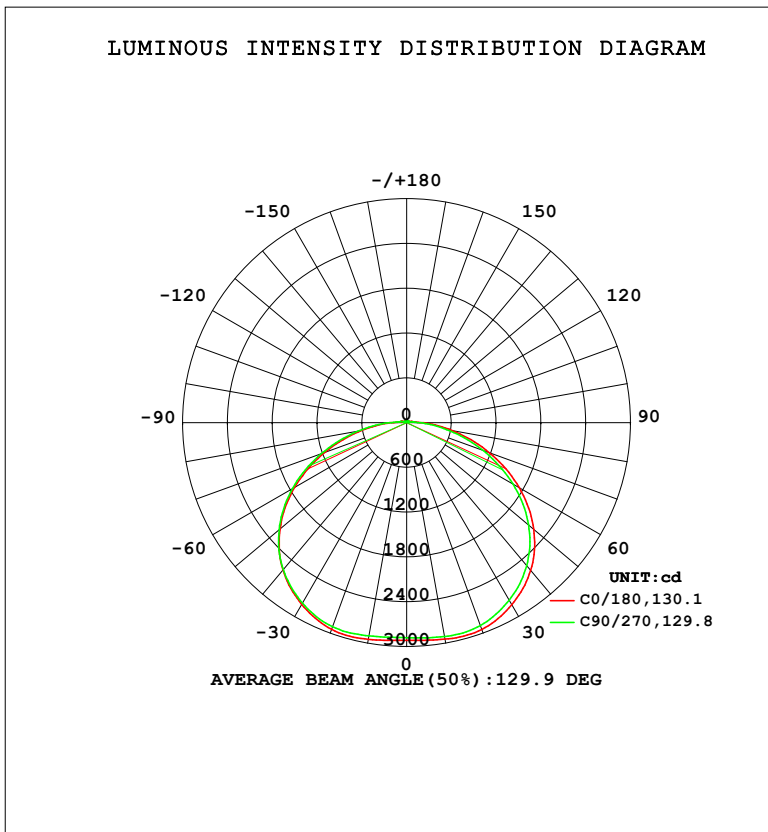


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
MFR.: ASD Lighting Corp

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	ASD-CAN05-A70BR	Imax (cd)	2961	S/MH (C0/180)	1.43
NOMINAL POWER (W)	70	LOR (%)	100.0	S/MH (C90/270)	1.44
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	10795	<input type="checkbox"/> UP, DN (C0-180)	1.3, 47.7
NOMINAL FLUX (lm)	10795	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	1.5, 49.4
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	2.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	277	<input type="checkbox"/> down (%)	97.1	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-12-19

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	2945	2926	2910	2903	2947	2923	2901	2893	0- 10	277.1	277.1	2.57,2.57
20	2948	2914	2892	2888	2946	2932	2909	2902	10- 20	828.6	1106	10.2,10.2
30	2818	2774	2747	2748	2813	2815	2792	2788	20- 30	1321	2427	22.5,22.5
40	2585	2536	2503	2509	2579	2594	2573	2572	30- 40	1679	4106	38,38
50	2224	2171	2133	2145	2215	2247	2231	2229	40- 50	1844	5950	55.1,55.1
60	1742	1686	1644	1660	1732	1773	1766	1762	50- 60	1761	7711	71.4,71.4
70	1179	1122	1086	1098	1168	1208	1215	1207	60- 70	1429	9140	84.7,84.7
80	623.4	567.9	547.7	551.1	610.5	641.1	661.0	647.9	70- 80	926.6	10067	93.3,93.3
90	204.9	173.4	169.8	165.5	199.0	210.9	230.8	218.4	80- 90	417.1	10484	97.1,97.1
100	84.47	66.74	81.09	66.30	85.94	74.63	88.62	74.75	90-100	128.3	10612	98.3,98.3
110	42.81	40.29	38.32	42.16	49.42	51.82	43.61	48.38	100-110	65.76	10678	98.9,98.9
120	27.04	28.32	26.92	29.75	31.36	38.32	31.03	35.44	110-120	35.95	10714	99.2,99.2
130	24.95	22.98	24.48	23.68	28.14	29.93	28.25	28.44	120-130	24.86	10738	99.5,99.5
140	23.94	21.73	24.11	21.79	26.68	25.65	26.97	25.10	130-140	19.34	10758	99.7,99.7
150	23.62	23.30	24.03	23.10	25.83	25.49	26.12	25.41	140-150	15.27	10773	99.8,99.8
160	25.19	24.94	25.38	24.76	26.29	26.05	26.47	26.03	150-160	11.58	10785	99.9,99.9
170	26.68	26.37	26.62	26.14	26.98	26.71	27.01	26.70	160-170	7.380	10792	100,100
180	27.83	27.40	27.57	27.41	27.88	27.44	27.61	27.43	170-180	2.570	10795	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 5022.2 lm

%lum = 46.5%

%lamp = 46.5%

Conical surface Flux(130deg): 8480.3 lm

%lum = 78.6%

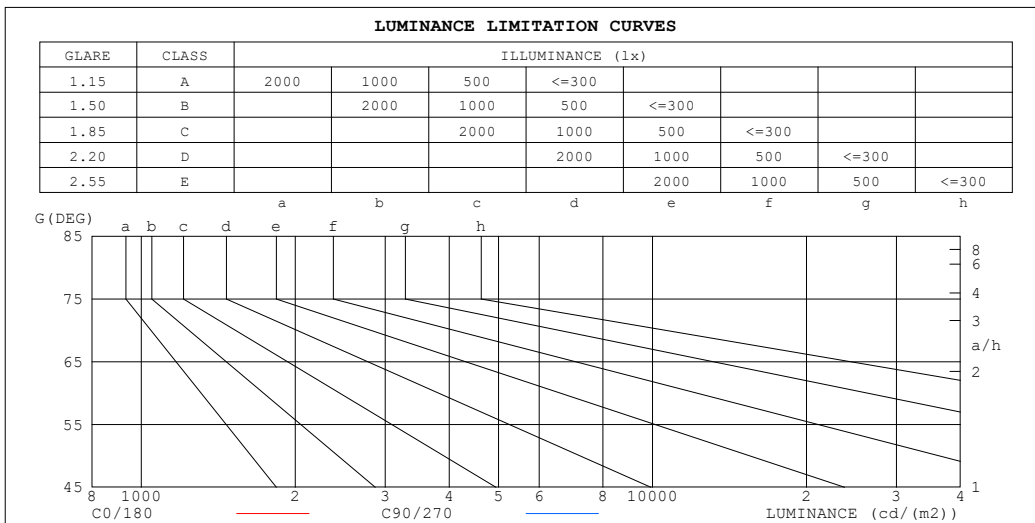
%lamp = 78.6%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

□ 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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	71016	59848
80	57440	50463
75	55270	49895
70	55178	50816
65	55528	51855
60	55748	52614
55	55716	53035
50	55362	53084
45	54780	52807

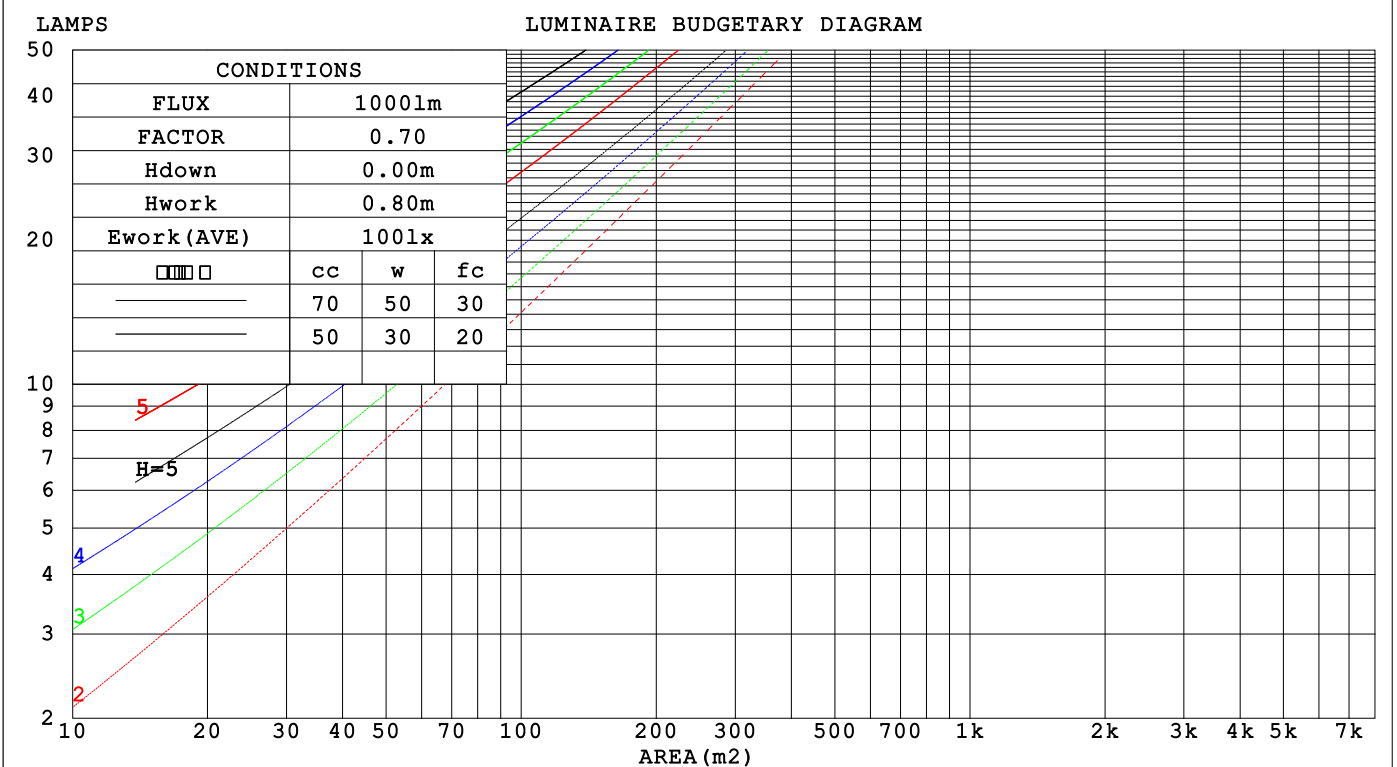
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz
UTHDI:0.00% ITHDI:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.01	.97	.92	.99	.94	.90	.94	.90	.87	.90	.87	.84	.85	.83	.81	.78
2.0	.87	.80	.74	.85	.78	.73	.81	.75	.70	.77	.73	.68	.74	.70	.66	.64
3.0	.76	.67	.60	.74	.66	.60	.71	.64	.58	.68	.62	.57	.65	.60	.55	.53
4.0	.67	.58	.50	.65	.57	.50	.62	.55	.49	.60	.53	.48	.57	.52	.47	.45
5.0	.59	.50	.43	.58	.49	.43	.56	.48	.42	.53	.46	.41	.51	.45	.40	.38
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.38	.32	.45	.37	.32	.43	.37	.31	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.34	.29	.41	.34	.28	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.31	.26	.39	.31	.26	.38	.30	.25	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.27	.23	.33	.27	.22	.20



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

□ 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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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	.344	.196	.062	.336	.192	.061	.321	.184	.059	.307	.177	.057	.295	.171	.055	
2.0	.315	.172	.053	.307	.169	.052	.294	.164	.051	.282	.158	.049	.270	.153	.048	
3.0	.287	.153	.046	.280	.150	.045	.268	.145	.044	.257	.141	.043	.247	.137	.042	
4.0	.262	.136	.040	.256	.134	.040	.246	.130	.039	.236	.127	.038	.227	.123	.037	
5.0	.241	.123	.036	.235	.121	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034	
6.0	.222	.111	.032	.217	.110	.032	.209	.107	.031	.201	.104	.031	.193	.102	.030	
7.0	.206	.102	.029	.202	.100	.029	.194	.098	.028	.187	.096	.028	.180	.093	.027	
8.0	.191	.093	.026	.188	.092	.026	.181	.090	.026	.174	.088	.025	.168	.086	.025	
9.0	.179	.086	.024	.175	.086	.024	.169	.084	.024	.163	.082	.023	.158	.080	.023	
10.0	.168	.080	.022	.165	.080	.022	.159	.078	.022	.154	.076	.022	.149	.075	.021	

<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	.212	.212	.212	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.205	.178	.154	.175	.153	.132	.120	.105	.092	.069	.061	.053	.022	.020	.017	
2.0	.198	.154	.118	.169	.133	.102	.116	.092	.071	.067	.053	.042	.021	.017	.014	
3.0	.190	.137	.094	.163	.118	.082	.112	.082	.057	.065	.048	.034	.021	.016	.011	
4.0	.183	.124	.079	.157	.107	.069	.108	.075	.048	.062	.044	.029	.020	.014	.009	
5.0	.175	.114	.068	.150	.098	.059	.104	.069	.042	.060	.040	.025	.019	.013	.008	
6.0	.168	.105	.061	.144	.091	.053	.099	.064	.037	.058	.038	.022	.019	.012	.007	
7.0	.161	.099	.055	.138	.085	.048	.095	.060	.034	.055	.035	.020	.018	.012	.007	
8.0	.154	.093	.051	.133	.080	.044	.092	.057	.031	.053	.033	.019	.017	.011	.006	
9.0	.148	.088	.047	.127	.076	.041	.088	.054	.029	.051	.032	.018	.017	.010	.006	
10.0	.142	.084	.045	.122	.073	.039	.085	.051	.028	.049	.030	.017	.016	.010	.005	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm										
NAME: ASD-CAN05-A70BR										
SPEC.: 5000K										
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	26.8	28.3	27.1	28.6	28.9	26.6	28.1	26.9	28.4	28.6
3H	28.6	30.0	28.9	30.3	30.6	28.3	29.7	28.6	30.0	30.3
4H	29.3	30.7	29.7	31.0	31.3	29.0	30.4	29.3	30.7	31.0
6H	30.0	31.3	30.4	31.6	32.0	29.6	30.9	30.0	31.2	31.6
8H	30.3	31.6	30.7	31.9	32.3	29.8	31.1	30.2	31.4	31.8
12H	30.6	31.8	31.0	32.2	32.5	30.1	31.3	30.5	31.6	32.0
4H 2H	27.4	28.8	27.8	29.1	29.4	27.3	28.6	27.6	28.9	29.3
3H	29.4	30.6	29.8	30.9	31.3	29.1	30.3	29.5	30.7	31.1
4H	30.3	31.4	30.7	31.8	32.2	30.0	31.1	30.4	31.5	31.9
6H	31.1	32.1	31.6	32.5	33.0	30.7	31.7	31.2	32.1	32.6
8H	31.5	32.4	32.0	32.9	33.3	31.1	32.0	31.5	32.4	32.9
12H	31.9	32.7	32.3	33.2	33.6	31.4	32.2	31.8	32.7	33.1
8H 4H	30.6	31.5	31.1	32.0	32.4	30.3	31.3	30.8	31.7	32.1
6H	31.6	32.4	32.1	32.9	33.4	31.3	32.1	31.8	32.5	33.0
8H	32.1	32.8	32.6	33.3	33.8	31.7	32.4	32.2	32.9	33.4
12H	32.7	33.2	33.2	33.7	34.3	32.2	32.8	32.7	33.3	33.8
12H 4H	30.6	31.5	31.1	31.9	32.4	30.4	31.2	30.9	31.7	32.1
6H	31.7	32.4	32.2	32.9	33.4	31.4	32.1	31.9	32.6	33.1
8H	32.3	32.9	32.8	33.4	33.9	31.9	32.5	32.4	33.0	33.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.4				

CIE Pub.117, 10795 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 8.3)
 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:2023-12-19	Remarks:

UTILIZATION FACTORS TABLE

Test:U:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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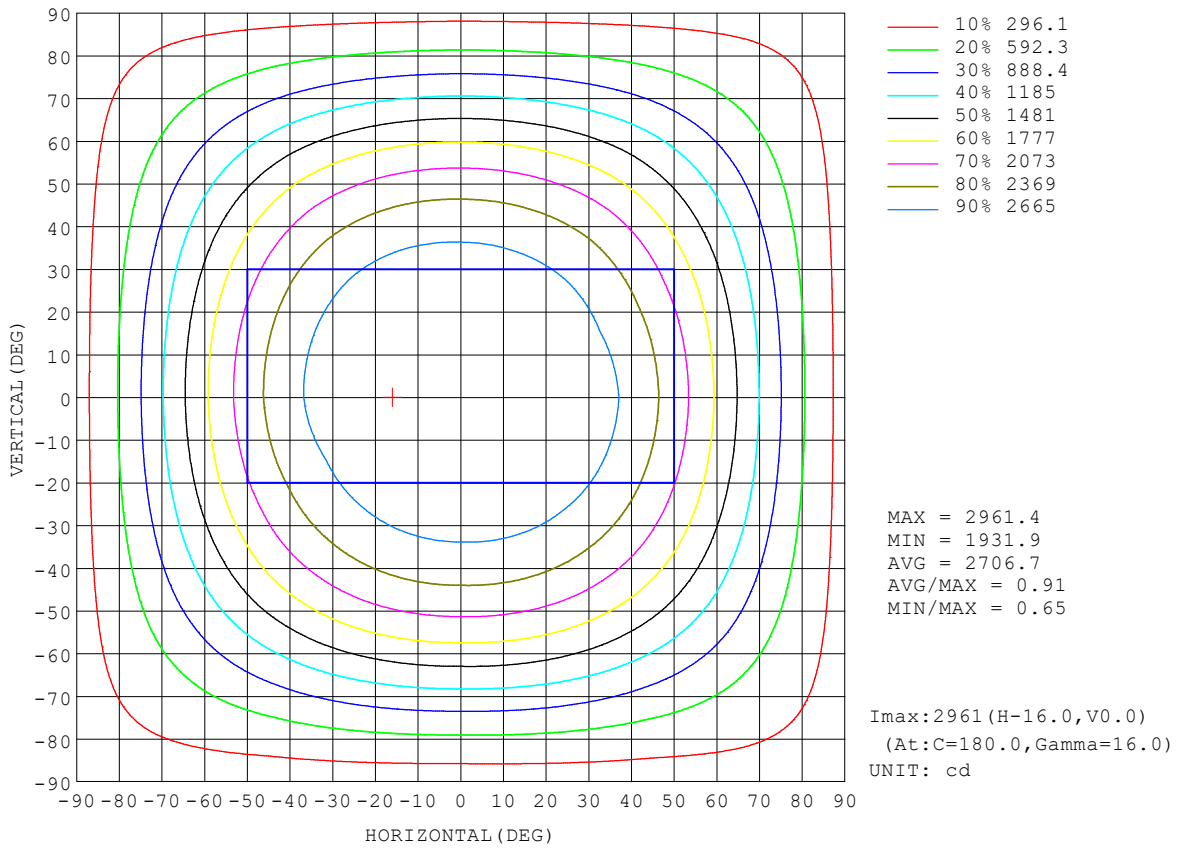
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	54	41	34	53	41	34	51	41	34	27
0.80	64	51	43	62	51	43	60	50	43	35
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	78	67	59	74	65	59	51
1.50	84	73	66	82	72	65	79	70	64	56
2.00	92	82	75	89	81	74	85	78	72	64
2.50	96	87	80	93	85	79	89	82	77	68
3.00	99	92	85	97	90	84	92	87	82	72
4.00	104	97	92	101	95	90	96	91	87	77
5.00	106	101	96	104	99	94	99	94	91	81
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:2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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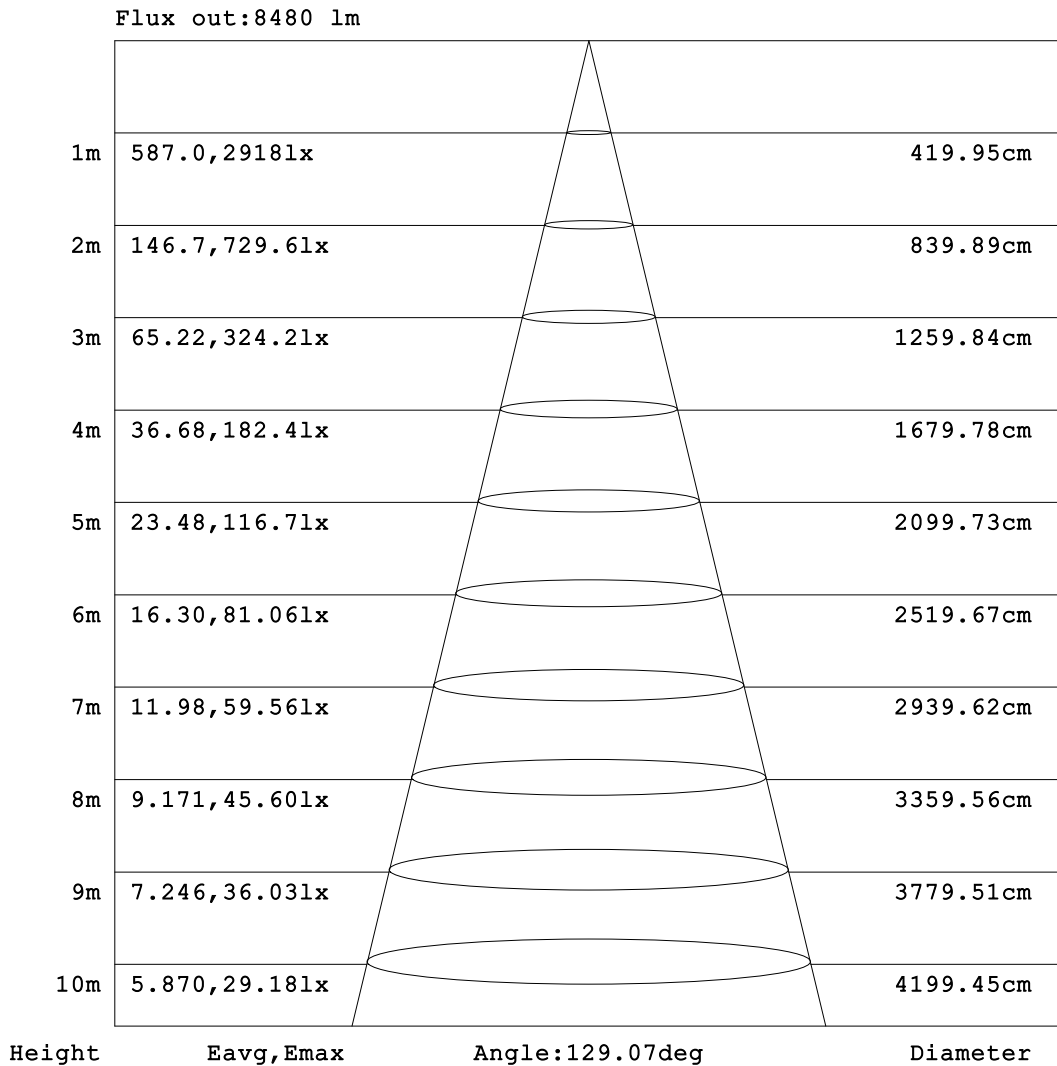


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
MFR.: ASD Lighting Corp



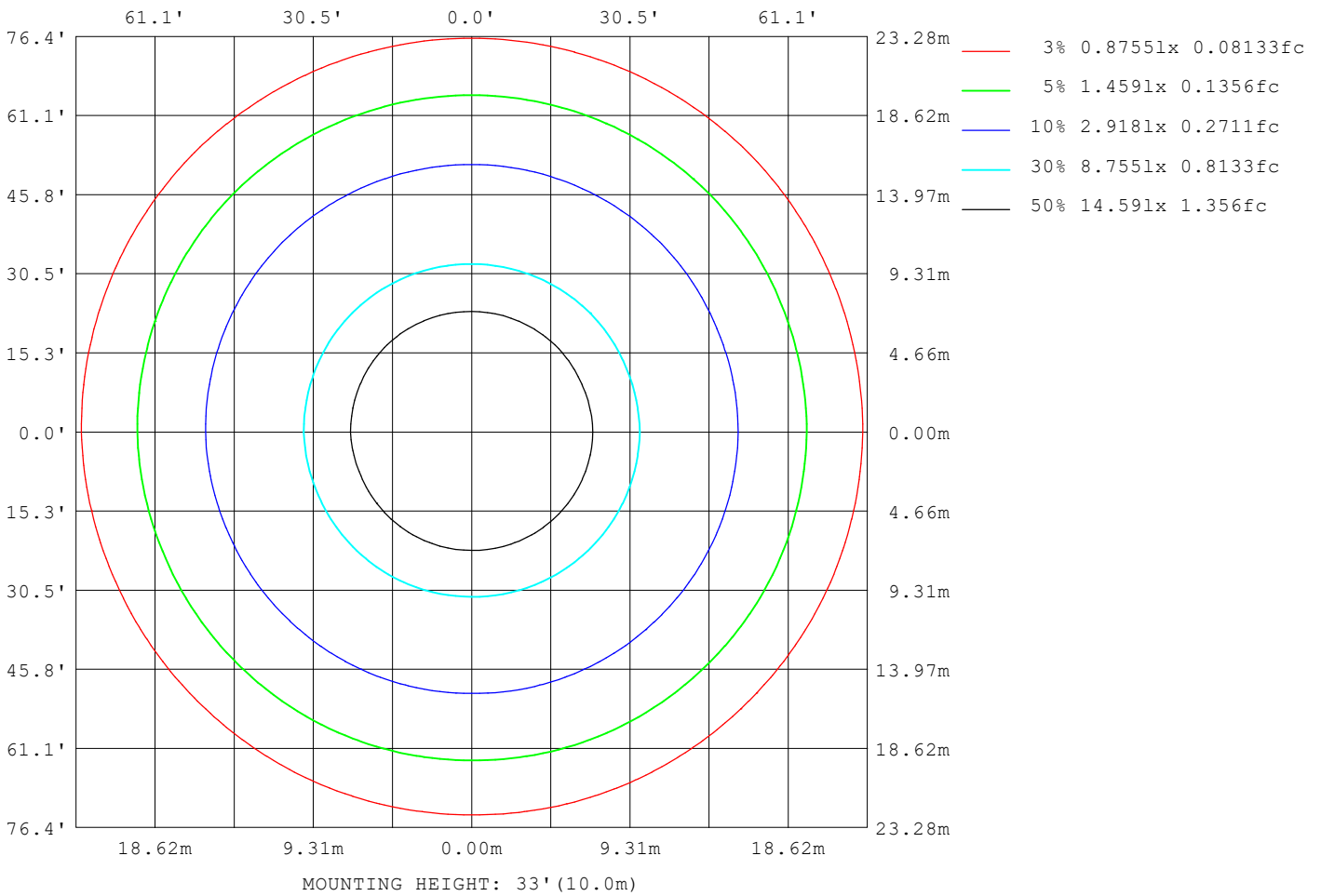
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
MFR.: ASD Lighting Corp



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
MFR.: ASD Lighting Corp

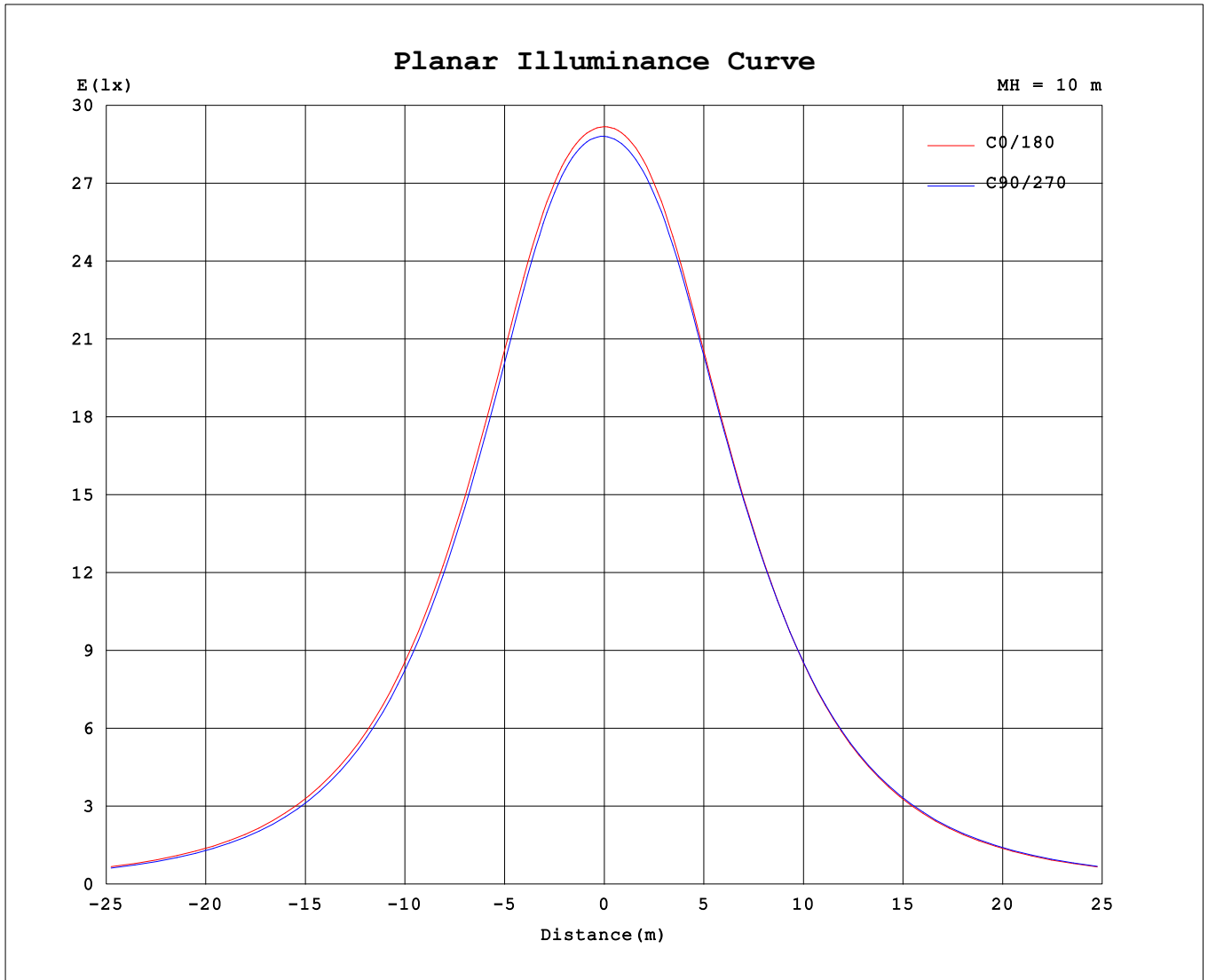
AvgL	cd/m2
L_0~180 (65) av	55317
L_0~180 (75) av	54876
L_0~180 (85) av	70145
L_90~270 (65) av	54273
L_90~270 (75) av	53757
L_90~270 (85) av	68565
L_45 (65) av	54735
L_45 (75) av	53904
L_45 (85) av	67542

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-12-19

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



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 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
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 Test Date: 2023-12-19

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:277.77V I:0.2898A P:73.351W PF:0.9112 Freq:50.01Hz
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:10794.6x1 lm
NAME: ASD-CAN05-A70BR
SPEC.: 5000K
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	2918	2907	2898	2889	2881	2875	2872	2872	2918	2907	2898	2889	2881	2875	2872	2872			
5	2926	2917	2907	2899	2893	2887	2884	2882	2928	2916	2904	2894	2885	2879	2875	2876			
10	2945	2936	2926	2917	2910	2905	2903	2903	2947	2936	2923	2911	2901	2896	2893	2893			
15	2960	2948	2935	2924	2916	2912	2911	2914	2961	2951	2939	2927	2915	2909	2908	2908			
20	2948	2931	2914	2902	2892	2889	2888	2895	2946	2941	2932	2920	2909	2903	2902	2900			
25	2898	2878	2858	2845	2832	2830	2830	2839	2894	2892	2888	2876	2866	2861	2862	2854			
30	2818	2797	2774	2760	2747	2746	2748	2757	2813	2815	2815	2803	2792	2788	2788	2781			
35	2714	2692	2668	2653	2639	2639	2642	2653	2708	2714	2718	2706	2695	2692	2693	2682			
40	2585	2561	2536	2519	2503	2504	2509	2524	2579	2588	2594	2584	2573	2571	2572	2557			
45	2421	2397	2369	2352	2334	2336	2343	2359	2415	2428	2438	2429	2420	2417	2417	2400			
50	2224	2199	2171	2153	2133	2137	2145	2163	2215	2233	2247	2240	2231	2231	2229	2209			
55	1997	1972	1943	1923	1901	1908	1915	1936	1989	2008	2025	2019	2014	2011	2010	1987			
60	1742	1718	1686	1666	1644	1652	1660	1682	1732	1752	1773	1770	1766	1765	1762	1738			
65	1467	1443	1410	1391	1370	1377	1384	1408	1456	1477	1498	1498	1497	1495	1492	1468			
70	1179	1156	1122	1105	1086	1093	1098	1123	1168	1188	1208	1212	1215	1212	1207	1186			
75	894	869	835	823	807	812	814	841	881	900	918	926	932	928	921	904			
80	623	600	568	560	548	551	551	576	611	626	641	652	661	655	648	635			
85	387	368	339	335	326	328	326	349	377	388	400	411	421	415	407	399			
90	205	192	173	172	170	168	166	180	199	205	211	222	231	225	218	215			
95	113	104	92.9	97.6	99.2	95.3	89.6	99.5	111	110	109	118	124	119	112	115			
100	84.5	76.3	66.7	76.4	81.1	74.6	66.3	76.0	85.9	80.7	74.6	83.4	88.6	82.4	74.8	82.1			
105	67.4	59.5	51.9	61.5	49.0	62.1	52.6	60.8	72.9	67.9	61.6	70.0	52.4	68.1	59.9	66.9			
110	42.8	40.2	40.3	42.1	38.3	46.2	42.2	40.5	49.4	51.7	51.8	54.7	43.6	50.8	48.4	49.8			
115	30.3	29.9	33.2	29.4	29.9	34.6	35.1	29.4	33.8	40.5	44.5	41.1	35.0	35.2	41.0	39.7			
120	27.0	25.0	28.3	24.6	26.9	29.3	29.7	24.2	31.4	34.8	38.3	34.8	31.0	29.1	35.4	34.2			
125	25.9	22.9	25.2	23.0	25.2	26.2	26.2	22.3	29.0	31.0	33.5	31.1	29.0	26.7	31.4	30.9			
130	25.0	22.1	23.0	22.4	24.5	24.4	23.7	21.6	28.1	28.5	29.9	28.9	28.3	25.5	28.4	28.8			
135	24.5	22.0	21.9	22.3	24.5	23.5	22.3	21.6	27.5	27.0	27.3	27.4	27.7	25.2	25.9	27.5			
140	23.9	22.2	21.7	22.5	24.1	23.1	21.8	21.8	26.7	26.1	25.7	26.5	27.0	25.1	25.1	26.4			
145	23.4	22.6	22.4	22.9	23.9	23.1	22.3	22.2	26.1	25.6	25.2	25.8	26.4	25.2	24.9	25.8			
150	23.6	23.4	23.3	23.5	24.0	23.5	23.1	23.0	25.8	25.5	25.5	25.6	26.1	25.4	25.4	25.6			
155	24.4	24.2	24.1	24.3	24.7	24.2	24.0	23.8	26.1	25.8	25.8	25.9	26.2	25.8	25.7	25.9			
160	25.2	25.0	24.9	25.0	25.4	25.0	24.8	24.5	26.3	25.9	26.1	26.2	26.5	26.1	26.0	26.2			
165	26.0	25.8	25.7	25.7	26.0	25.7	25.5	25.4	26.7	26.3	26.4	26.5	26.7	26.3	26.4	26.4			
170	26.7	26.5	26.4	26.4	26.6	26.3	26.1	26.1	27.0	26.6	26.7	26.9	27.0	26.7	26.7	26.8			
175	27.3	27.0	26.9	27.0	27.1	27.0	27.0	26.8	27.4	27.0	27.1	27.2	27.4	27.2	27.1	27.1			
180	27.8	27.5	27.4	27.5	27.6	27.5	27.4	27.4	27.9	27.5	27.4	27.4	27.6	27.5	27.4	27.4			

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