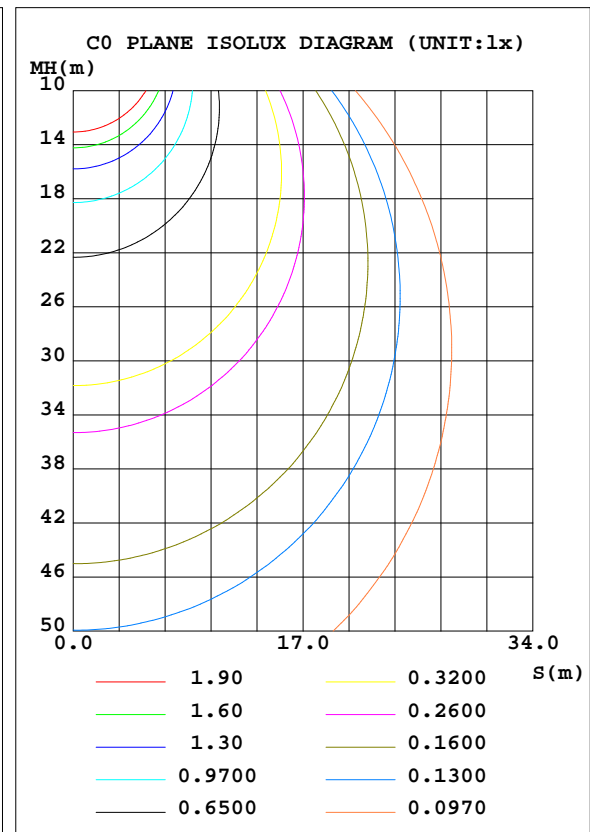
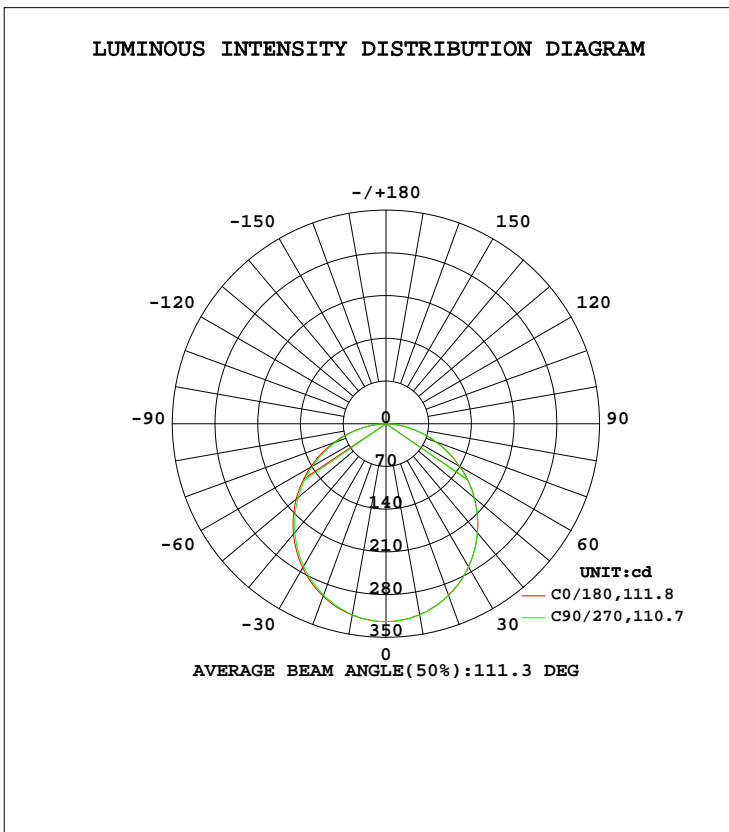


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.18 lm/W			
MODEL	ASD-MPS-7D12CC-WH 3000K	I _{max} (cd)	324.4	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	914	η UP, DN(C0-180)	0.1,50.1
NOMINAL FLUX(lm)	914	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.8
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

Bomb.chen

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

Reviewed by : *Meng He*

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	318.4	317.9	317.7	317.6	317.4	317.5	318.0	317.9	0- 10	30.64	30.64	3.35,3.35
20	300.8	299.0	299.0	299.3	299.4	299.4	299.7	299.5	10- 20	87.47	118.1	12.9,12.9
30	272.6	270.1	269.8	270.4	270.6	270.1	270.8	270.7	20- 30	131.9	250.0	27.3,27.3
40	235.9	232.4	232.1	232.7	233.1	231.9	233.0	232.6	30- 40	158.1	408.0	44.6,44.6
50	192.0	187.9	187.8	188.5	189.1	187.8	188.5	188.0	40- 50	163.1	571.1	62.4,62.4
60	142.9	138.8	138.6	139.6	139.6	138.0	138.6	138.2	50- 60	147.0	718.1	78.4,78.4
70	91.29	87.63	87.34	88.48	88.01	86.85	87.22	86.80	60- 70	112.3	830.4	90.7,90.7
80	38.80	38.29	38.36	38.12	36.34	37.69	38.54	37.34	70- 80	65.97	896.4	97.9,97.9
90	0.3040	0.1046	0.1033	0.0981	0.0147	0.0155	0.0164	0.0355	80- 90	18.32	914.7	99.9,99.9
100	0.0806	0.0969	0.0845	0.0902	0.0321	0.0399	0.0342	0.0493	90-100	0.0536	914.7	99.9,99.9
110	0.1003	0.1041	0.1005	0.1012	0.0584	0.0599	0.0573	0.0633	100-110	0.0762	914.8	99.9,99.9
120	0.1280	0.1313	0.1277	0.1294	0.0909	0.0830	0.0819	0.0859	110-120	0.0920	914.9	99.9,99.9
130	0.1914	0.1916	0.1914	0.1912	0.1254	0.1157	0.1124	0.1190	120-130	0.1162	915.0	99.9,99.9
140	0.2948	0.3124	0.3122	0.3044	0.1625	0.1579	0.1528	0.1610	130-140	0.1470	915.2	99.9,99.9
150	0.4226	0.4683	0.4693	0.4551	0.1927	0.1982	0.1945	0.2020	140-150	0.1757	915.3	100,100
160	0.5347	0.5513	0.5516	0.5591	0.2572	0.2584	0.2424	0.2471	150-160	0.1693	915.5	100,100
170	0.4994	0.4973	0.5023	0.5072	0.3033	0.2892	0.2782	0.2831	160-170	0.1147	915.6	100,100
180	0.4260	0.3990	0.3856	0.4084	0.4254	0.4099	0.3841	0.3975	170-180	0.0379	915.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 490.32 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 718.12 lm

%lum = 78.4%

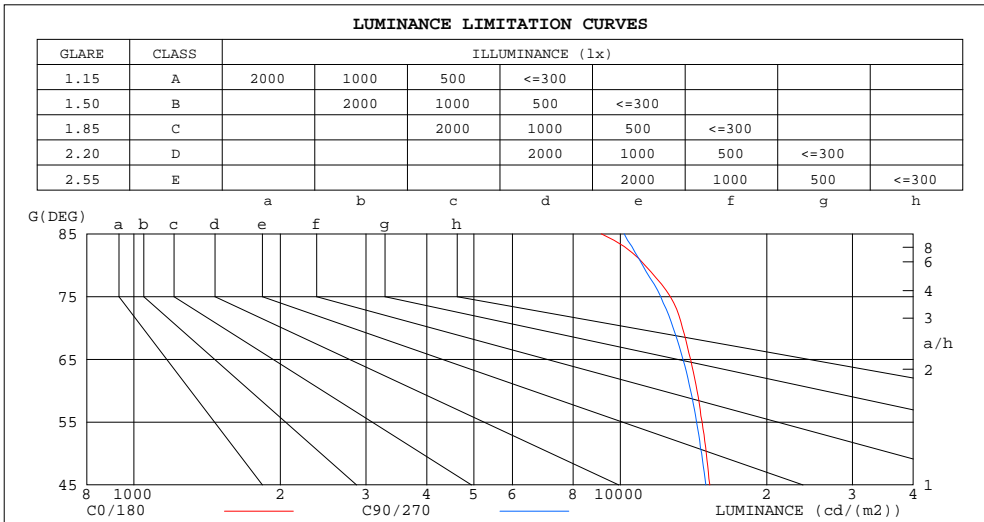
%lamp = 78.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	9141	10186
80	11234	11110
75	12663	12106
70	13421	12844
65	13944	13454
60	14372	13944
55	14728	14348
50	15022	14695
45	15280	14987

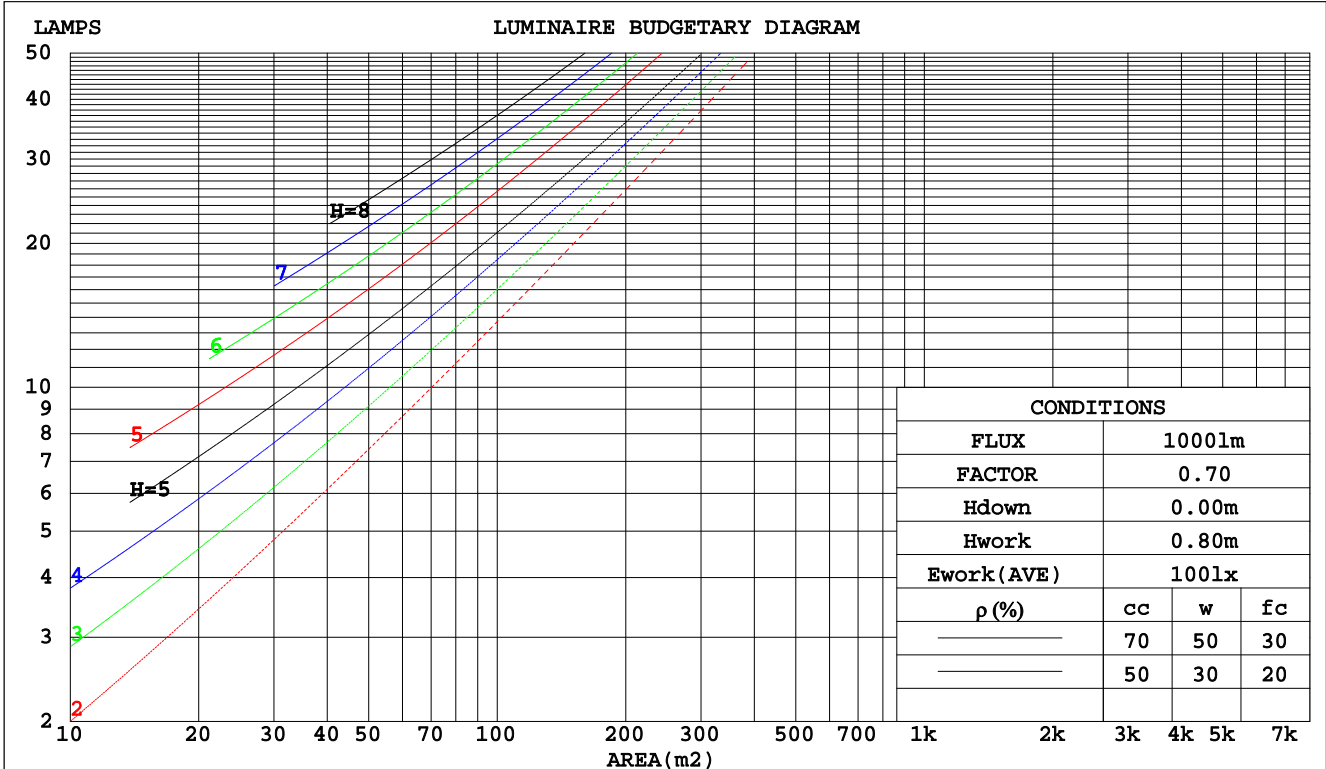
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
pw																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	1.04	.99	.96	1.01	.98	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.82	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.312	.177	.056	.305	.174	.055	.291	.167	.053	.279	.161	.052	.268	.155	.050	
2.0	.293	.160	.049	.286	.158	.049	.275	.153	.047	.264	.148	.046	.254	.144	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040	
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.117	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.098	.028	.195	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.085	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.135	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.048	.129	.079	.042	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.070	.030	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.065	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.071	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm										
NAME: ASD-MPS-7D12CC-WH 3000K					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: ASD Lighting corp					SUR.:N/A			Shielding Angle:N/A		
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	22.2	23.7	22.5	23.9	24.1	22.1	23.6	22.4	23.8	24.0
3H	23.8	25.2	24.1	25.4	25.7	23.6	25.0	23.9	25.3	25.5
4H	24.4	25.8	24.7	26.0	26.3	24.2	25.6	24.6	25.8	26.1
6H	24.9	26.2	25.2	26.4	26.7	24.7	26.0	25.0	26.2	26.5
8H	25.0	26.2	25.4	26.5	26.8	24.9	26.1	25.2	26.4	26.7
12H	25.1	26.3	25.5	26.6	26.9	25.0	26.1	25.3	26.4	26.7
4H 2H	22.8	24.1	23.1	24.4	24.6	22.7	24.0	23.0	24.3	24.6
3H	24.6	25.7	24.9	26.0	26.3	24.4	25.6	24.8	25.9	26.2
4H	25.3	26.4	25.7	26.7	27.1	25.2	26.2	25.6	26.6	26.9
6H	25.9	26.9	26.3	27.2	27.6	25.8	26.7	26.2	27.1	27.4
8H	26.1	27.0	26.5	27.4	27.8	26.0	26.9	26.4	27.2	27.6
12H	26.2	27.1	26.7	27.4	27.9	26.1	27.0	26.6	27.3	27.8
8H 4H	25.6	26.5	26.0	26.9	27.3	25.5	26.4	25.9	26.7	27.1
6H	26.3	27.1	26.8	27.5	27.9	26.2	26.9	26.7	27.4	27.8
8H	26.6	27.3	27.1	27.7	28.2	26.5	27.2	27.0	27.6	28.1
12H	26.8	27.4	27.3	27.8	28.3	26.8	27.3	27.2	27.8	28.2
12H 4H	25.6	26.4	26.0	26.8	27.2	25.5	26.3	25.9	26.7	27.1
6H	26.4	27.1	26.9	27.5	27.9	26.3	26.9	26.7	27.4	27.8
8H	26.7	27.3	27.2	27.7	28.2	26.6	27.2	27.1	27.6	28.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 915.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.3)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

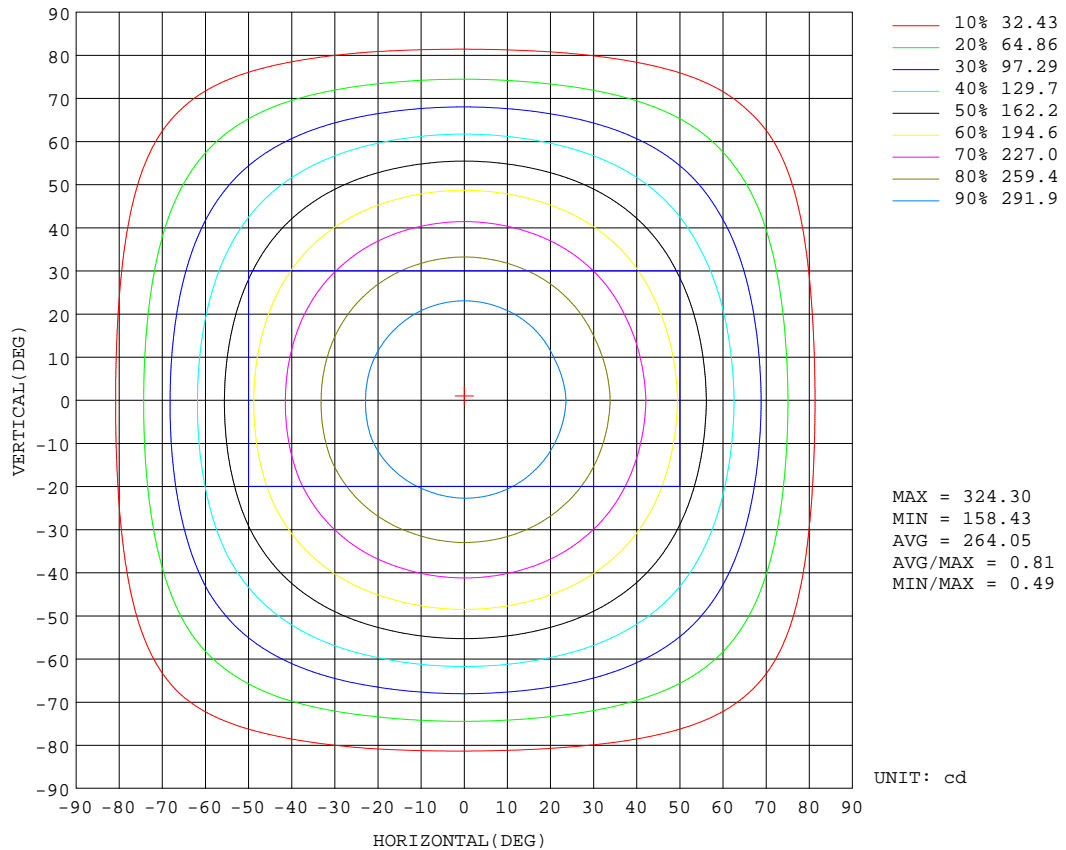
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	66	55	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

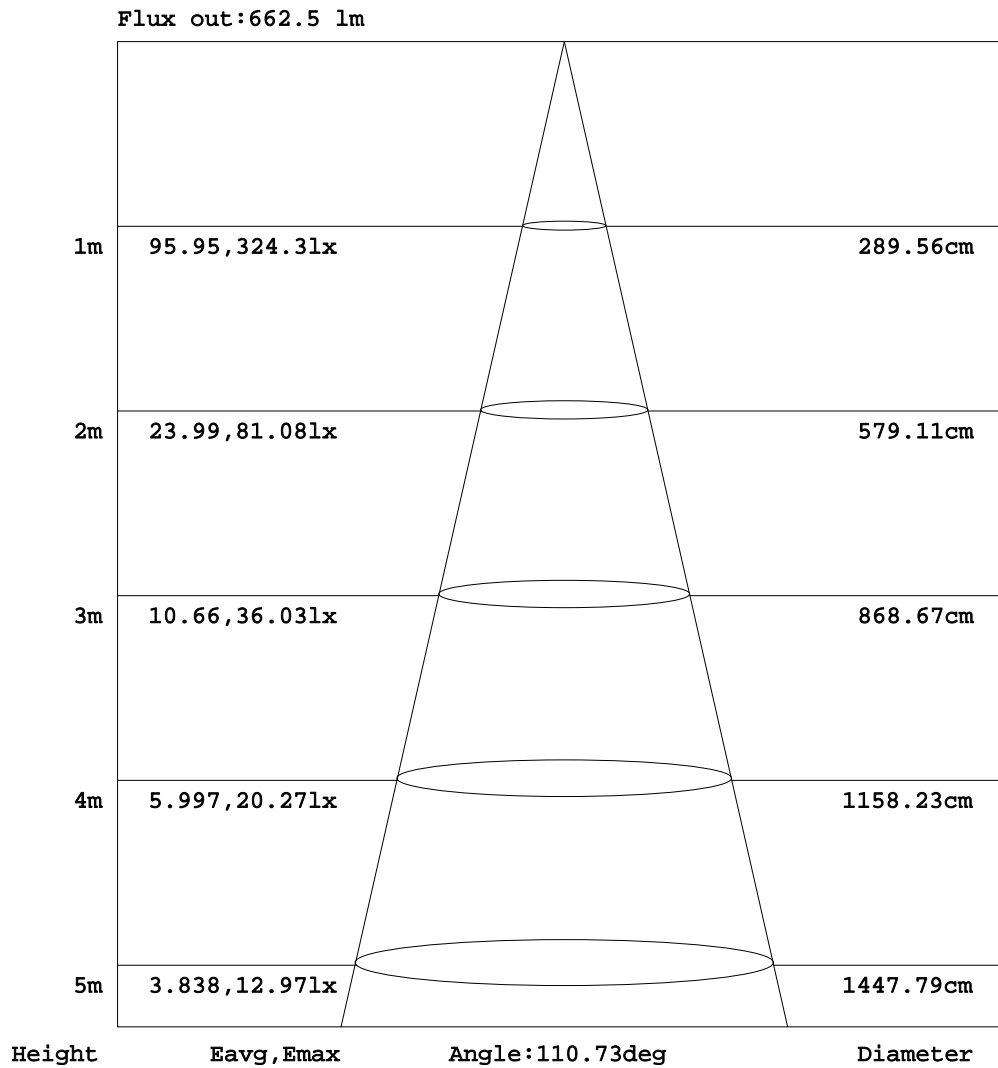


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



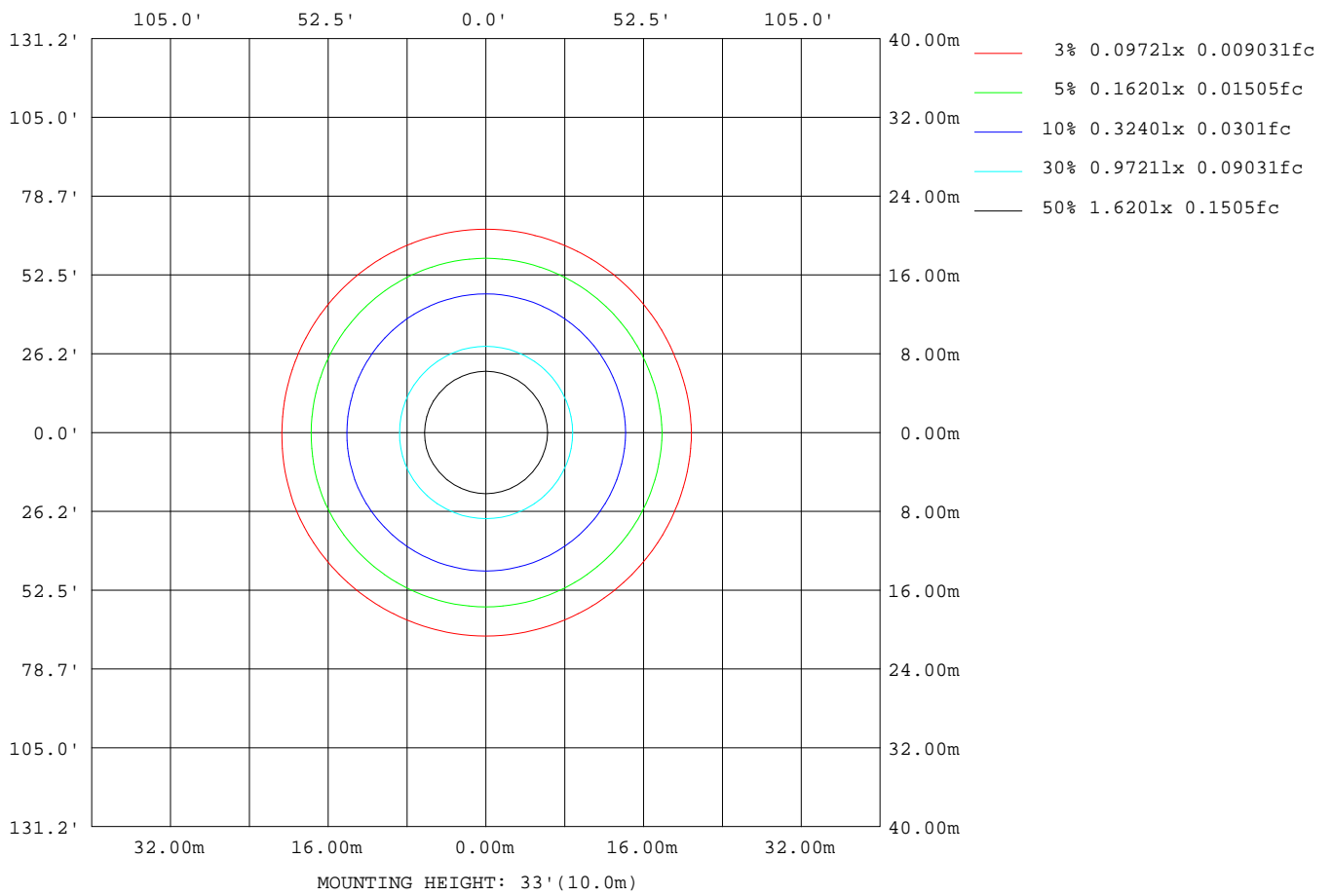
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators: Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Bomb
 Test Date:2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:44%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

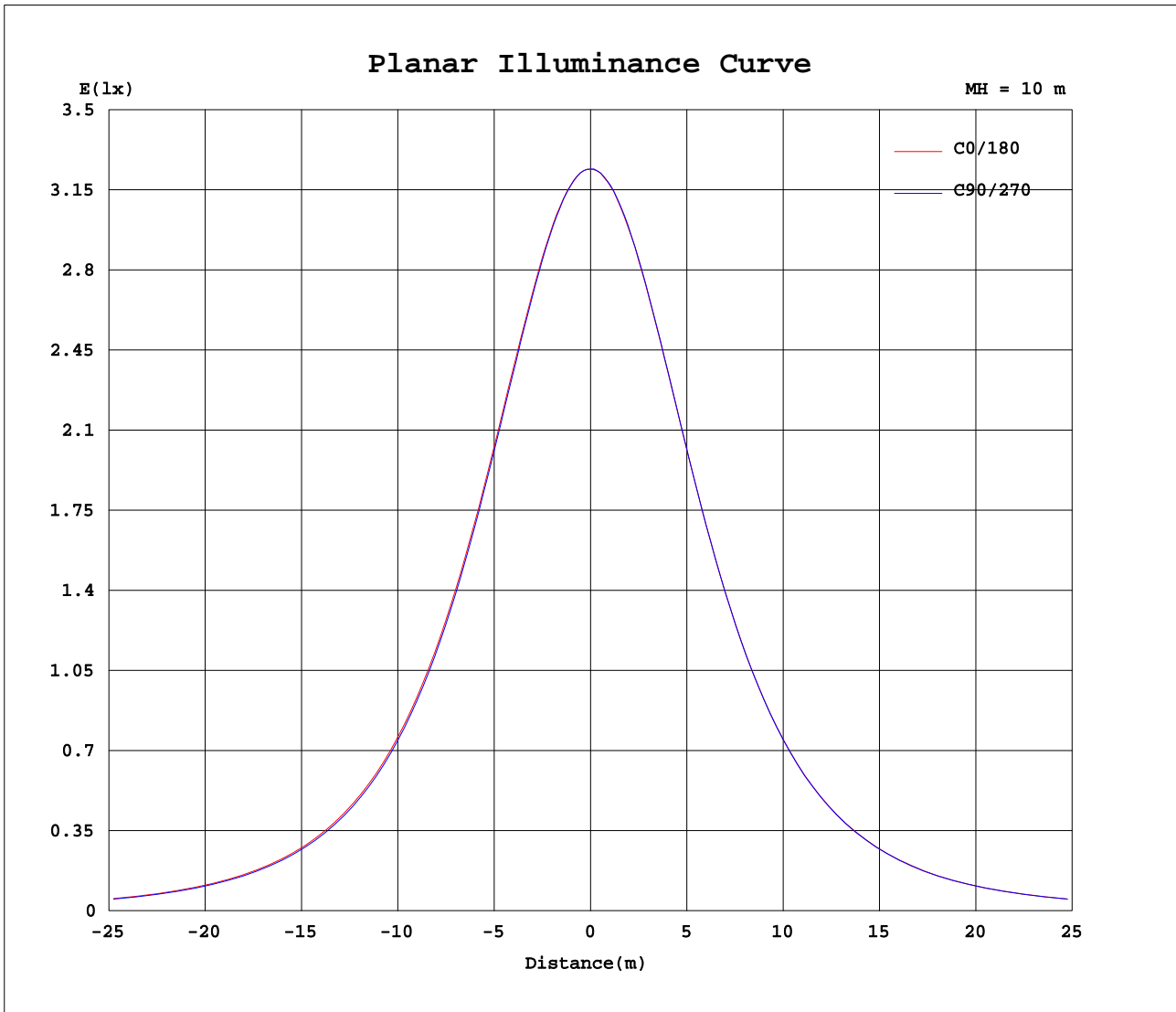
AvgL	cd/m2
L_0~180(65)av	13747
L_0~180(75)av	12286
L_0~180(85)av	8554
L_90~270(65)av	13440
L_90~270(75)av	12082
L_90~270(85)av	10194
L_45(65)av	13450
L_45(75)av	12140
L_45(85)av	9112

Standard: GB/T 29293-2012

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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:44%
Test Distance:2.526m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Bomb
 Test Date: 2022-04-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 44%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1049A P:12.02W PF:0.9546 Lamp Flux:914x1 lm		
NAME: ASD-MPS-7D12CC-WH 3000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

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	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324			
5	323	323	323	323	323	322	323	323	322	322	323	323	323	323	323	323			
10	318	318	318	318	318	318	318	318	317	318	317	318	318	318	318	318			
15	311	310	310	310	310	309	310	310	310	310	310	310	310	310	310	310			
20	301	300	299	299	299	299	299	300	299	299	299	300	300	300	300	300			
25	288	287	286	286	285	285	286	287	286	286	286	286	286	286	287	286			
30	273	271	270	270	270	270	270	272	271	270	270	270	271	271	271	271			
35	255	253	252	252	252	252	253	254	253	252	252	252	253	252	252	253			
40	236	234	232	232	232	232	233	234	233	233	232	233	233	233	233	233			
45	215	212	211	211	211	210	212	213	212	211	211	211	212	211	211	212			
50	192	190	188	188	188	187	189	190	189	188	188	188	189	188	188	189			
55	168	166	164	163	164	163	165	166	165	164	164	164	164	164	164	165			
60	143	141	139	138	139	138	140	141	140	139	138	138	139	138	138	139			
65	117	115	113	113	113	113	114	116	114	113	112	112	113	112	112	113			
70	91.3	89.2	87.6	87.0	87.3	87.2	88.5	90.1	88.0	87.4	86.9	86.9	87.2	86.5	86.8	87.4			
75	65.2	63.9	62.6	61.8	62.3	62.3	63.4	63.5	61.3	61.4	62.1	61.9	62.0	61.6	61.8	61.9			
80	38.8	38.0	38.3	38.1	38.4	38.6	38.1	38.1	36.3	36.6	37.7	38.5	38.5	38.2	37.3	36.3			
85	15.8	15.4	15.9	17.3	17.7	17.2	16.2	15.8	13.8	14.5	15.8	17.7	17.7	17.1	15.3	14.2			
90	0.30	0.23	0.10	0.10	0.10	0.10	0.10	0.10	0.01	0.01	0.02	0.01	0.02	0.02	0.04	0.10			
95	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
100	0.08	0.08	0.10	0.09	0.08	0.09	0.09	0.08	0.03	0.03	0.04	0.04	0.03	0.05	0.05	0.03			
105	0.09	0.10	0.10	0.10	0.09	0.10	0.09	0.09	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.05			
110	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
115	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
120	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.09			
125	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.16	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.11			
130	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.13	0.12	0.12	0.12	0.11	0.12	0.12	0.12			
135	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.15	0.14	0.13	0.14	0.14	0.14	0.14	0.15			
140	0.29	0.30	0.31	0.31	0.31	0.31	0.30	0.29	0.16	0.15	0.16	0.15	0.15	0.15	0.16	0.16			
145	0.36	0.38	0.40	0.40	0.40	0.40	0.39	0.37	0.18	0.17	0.18	0.18	0.18	0.18	0.18	0.19			
150	0.42	0.45	0.47	0.47	0.47	0.47	0.46	0.43	0.19	0.19	0.20	0.20	0.19	0.20	0.20	0.21			
155	0.49	0.52	0.52	0.53	0.53	0.52	0.52	0.50	0.22	0.22	0.23	0.23	0.22	0.23	0.23	0.25			
160	0.53	0.55	0.55	0.56	0.55	0.56	0.56	0.53	0.26	0.25	0.26	0.25	0.24	0.24	0.25	0.27			
165	0.53	0.54	0.54	0.55	0.55	0.55	0.55	0.53	0.28	0.28	0.27	0.27	0.26	0.26	0.27	0.29			
170	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.50	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.31			
175	0.48	0.47	0.47	0.45	0.45	0.46	0.47	0.48	0.35	0.35	0.34	0.33	0.32	0.31	0.33	0.35			
180	0.43	0.41	0.40	0.38	0.39	0.40	0.41	0.42	0.43	0.43	0.41	0.40	0.38	0.39	0.40	0.41			

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