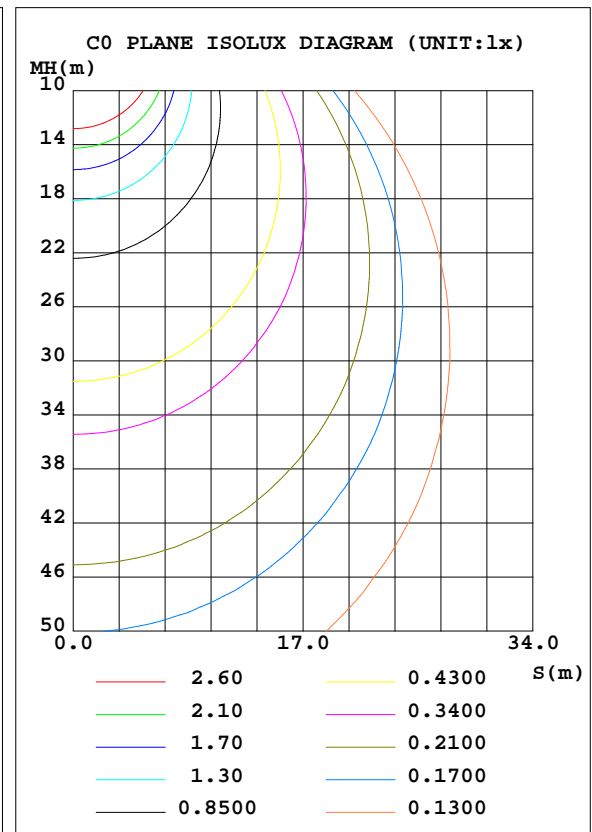
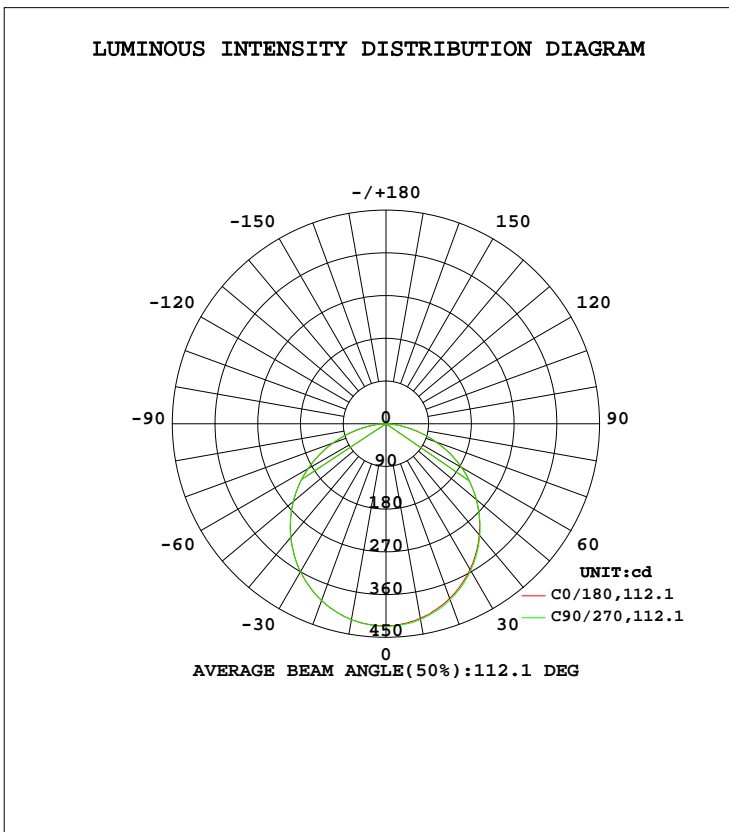


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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: 88.29 lm/W			
MODEL ASD-MPR-7D15CC-EM-WH 4000K		Imax(cd)	426.8	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1209.6	η UP, DN(C0-180)	0.1,50.7
NOMINAL FLUX(lm)	1209.55	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.2
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:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [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	419.3	418.8	419.1	418.6	416.5	417.9	418.3	418.5	0- 10	40.31	40.31	3.33,3.33
20	396.6	396.0	396.4	396.3	391.7	393.4	394.8	394.6	10- 20	115.2	155.5	12.9,12.9
30	360.1	359.9	359.9	359.3	354.4	355.0	357.3	357.4	20- 30	174.2	329.7	27.3,27.3
40	311.9	312.2	312.2	311.0	306.0	305.7	307.6	309.5	30- 40	209.6	539.3	44.6,44.6
50	254.8	255.1	255.0	254.2	248.0	248.0	248.7	250.3	40- 50	217.2	756.5	62.5,62.5
60	189.8	190.3	190.2	189.6	183.9	182.6	183.0	184.5	50- 60	196.6	953.0	78.8,78.8
70	118.2	119.9	120.2	120.3	112.6	111.7	111.1	112.3	60- 70	150.0	1103	91.2,91.2
80	46.78	49.01	51.14	50.59	43.23	42.74	43.07	42.78	70- 80	84.73	1188	98.2,98.2
90	0.0868	0.1812	2.223	0.2460	0.0208	0.0217	0.0224	0.0223	80- 90	20.48	1208	99.9,99.9
100	0.1032	0.1181	0.1078	0.1237	0.0434	0.0587	0.0473	0.0591	90-100	0.0852	1208	99.9,99.9
110	0.1231	0.1321	0.1295	0.1382	0.0750	0.0844	0.0792	0.0819	100-110	0.0992	1208	99.9,99.9
120	0.1639	0.1664	0.1695	0.1744	0.1167	0.1179	0.1159	0.1166	110-120	0.1209	1209	99.9,99.9
130	0.2417	0.2442	0.2536	0.2539	0.1683	0.1648	0.1610	0.1617	120-130	0.1538	1209	99.9,99.9
140	0.3819	0.4062	0.4125	0.4046	0.2181	0.2203	0.2170	0.2163	130-140	0.1947	1209	99.9,99.9
150	0.5526	0.6120	0.6214	0.6031	0.2601	0.2737	0.2789	0.2690	140-150	0.2343	1209	100,100
160	0.7079	0.7306	0.7432	0.7424	0.3499	0.3433	0.3481	0.3320	150-160	0.2268	1209	100,100
170	0.6759	0.6732	0.6834	0.6905	0.4218	0.3959	0.4000	0.4025	160-170	0.1554	1210	100,100
180	0.5709	0.5390	0.5302	0.5699	0.5720	0.5558	0.5285	0.5470	170-180	0.0525	1210	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 648.71 lm

%lum = 53.6%

%lamp = 53.6%

Conical surface Flux(120deg): 953.03 lm

%lum = 78.8%

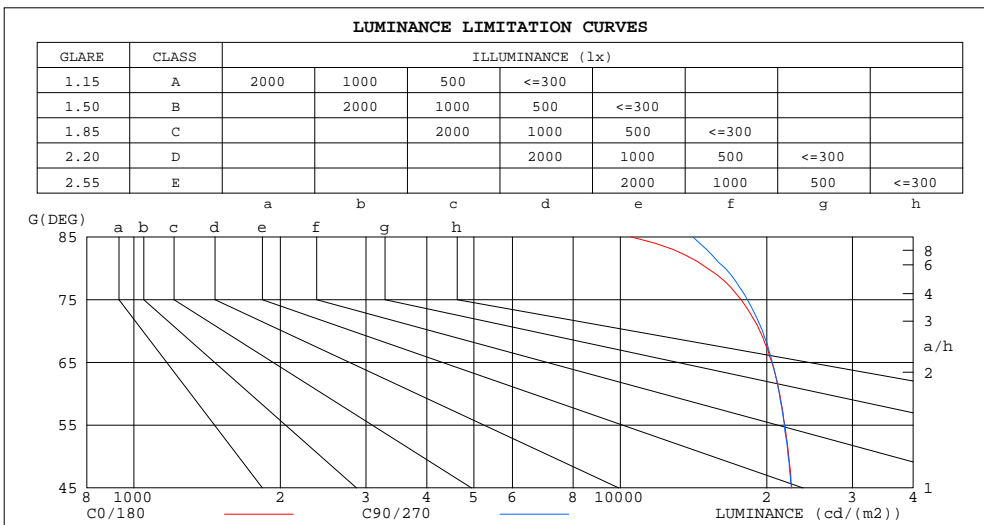
%lamp = 78.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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	10515	14095
80	15086	16426
75	17701	18233
70	19350	19598
65	20497	20523
60	21253	21219
55	21790	21741
50	22194	22122
45	22528	22475

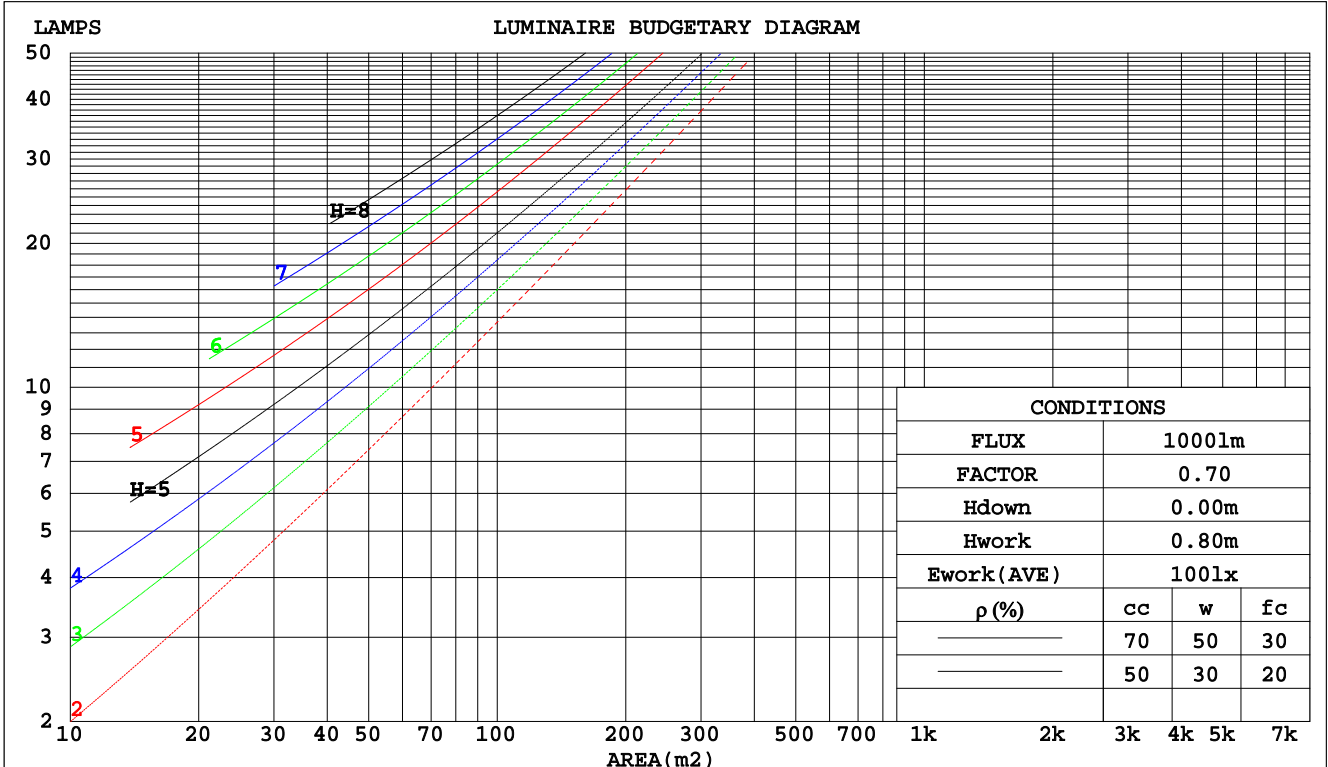
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Carl
 Test Date: 2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 39%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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%	0
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	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.54	.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	.56	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.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:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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	.308	.175	.055	.301	.172	.055	.288	.165	.053	.275	.159	.051	.264	.153	.049	
2.0	.291	.159	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045	
3.0	.270	.143	.043	.264	.141	.043	.254	.137	.042	.244	.134	.041	.235	.130	.040	
4.0	.249	.129	.038	.244	.128	.038	.235	.125	.037	.226	.122	.037	.218	.119	.036	
5.0	.230	.117	.034	.226	.116	.034	.218	.113	.033	.210	.111	.033	.203	.108	.033	
6.0	.214	.107	.031	.210	.106	.030	.202	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.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	.023	.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	.164	.164	.164	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.181	.157	.135	.155	.135	.116	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.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	.030	.051	.032	.018	.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:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm										
NAME: ASD-MPR-7D15CC-EM-WH 4000K					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	23.7	25.2	23.9	25.4	25.6	23.6	25.2	23.9	25.4	25.6
3H	25.2	26.6	25.5	26.8	27.1	25.2	26.6	25.5	26.8	27.1
4H	25.8	27.1	26.1	27.4	27.6	25.8	27.2	26.1	27.4	27.7
6H	26.2	27.4	26.5	27.7	28.0	26.3	27.5	26.6	27.8	28.1
8H	26.3	27.5	26.6	27.8	28.1	26.4	27.6	26.7	27.9	28.2
12H	26.3	27.5	26.7	27.8	28.1	26.5	27.7	26.8	28.0	28.3
4H 2H	24.3	25.6	24.6	25.9	26.1	24.3	25.6	24.6	25.9	26.1
3H	26.0	27.2	26.3	27.5	27.8	26.0	27.2	26.4	27.5	27.8
4H	26.7	27.8	27.1	28.1	28.4	26.8	27.8	27.1	28.1	28.5
6H	27.2	28.2	27.6	28.5	28.9	27.3	28.3	27.7	28.6	29.0
8H	27.4	28.3	27.8	28.6	29.0	27.5	28.4	27.9	28.8	29.2
12H	27.5	28.3	27.9	28.7	29.1	27.6	28.5	28.1	28.8	29.3
8H 4H	27.0	27.9	27.4	28.2	28.6	27.0	27.9	27.4	28.3	28.7
6H	27.6	28.4	28.1	28.8	29.2	27.7	28.5	28.2	28.9	29.3
8H	27.9	28.5	28.3	28.9	29.4	28.0	28.7	28.5	29.1	29.5
12H	28.0	28.6	28.5	29.0	29.5	28.2	28.8	28.7	29.2	29.7
12H 4H	27.0	27.8	27.4	28.2	28.6	27.0	27.8	27.5	28.2	28.6
6H	27.7	28.3	28.2	28.8	29.2	27.8	28.4	28.2	28.9	29.3
8H	28.0	28.5	28.4	29.0	29.4	28.1	28.7	28.6	29.1	29.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1210 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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

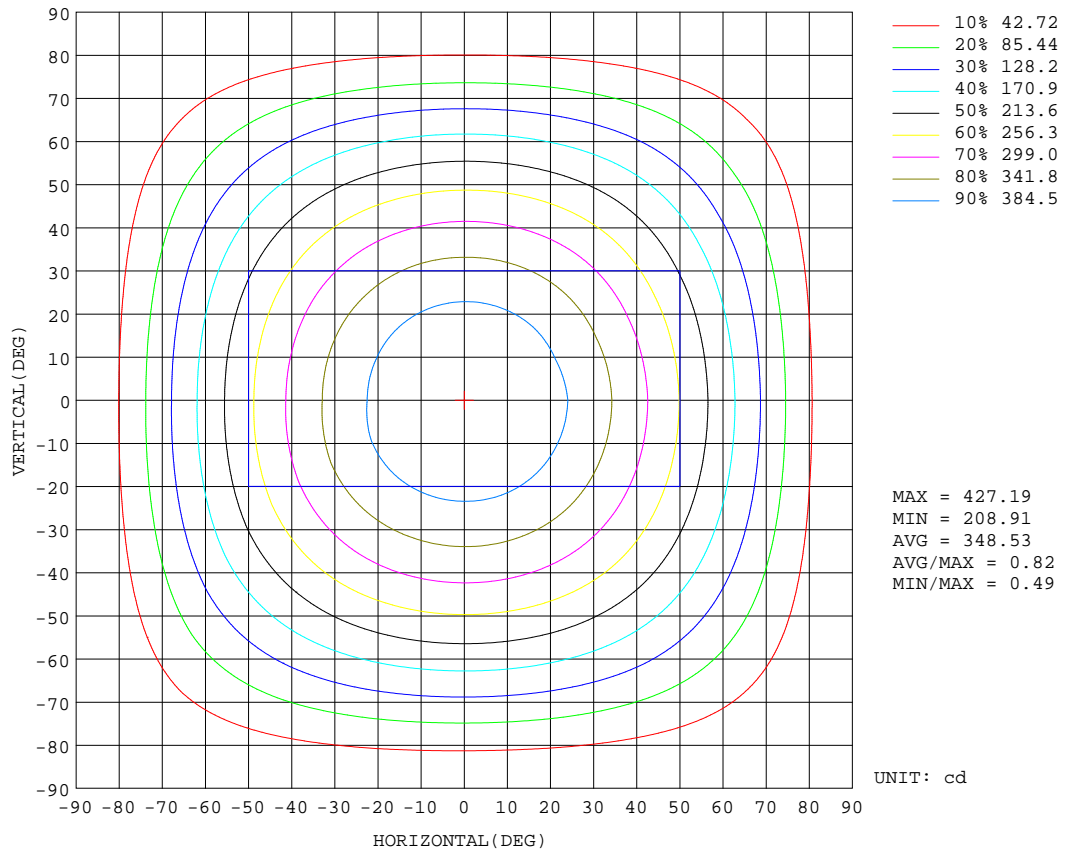
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	55	48	65	55	48	41
1.00	76	65	58	75	64	57	72	66	57	50
1.25	83	73	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	76	70	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	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:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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

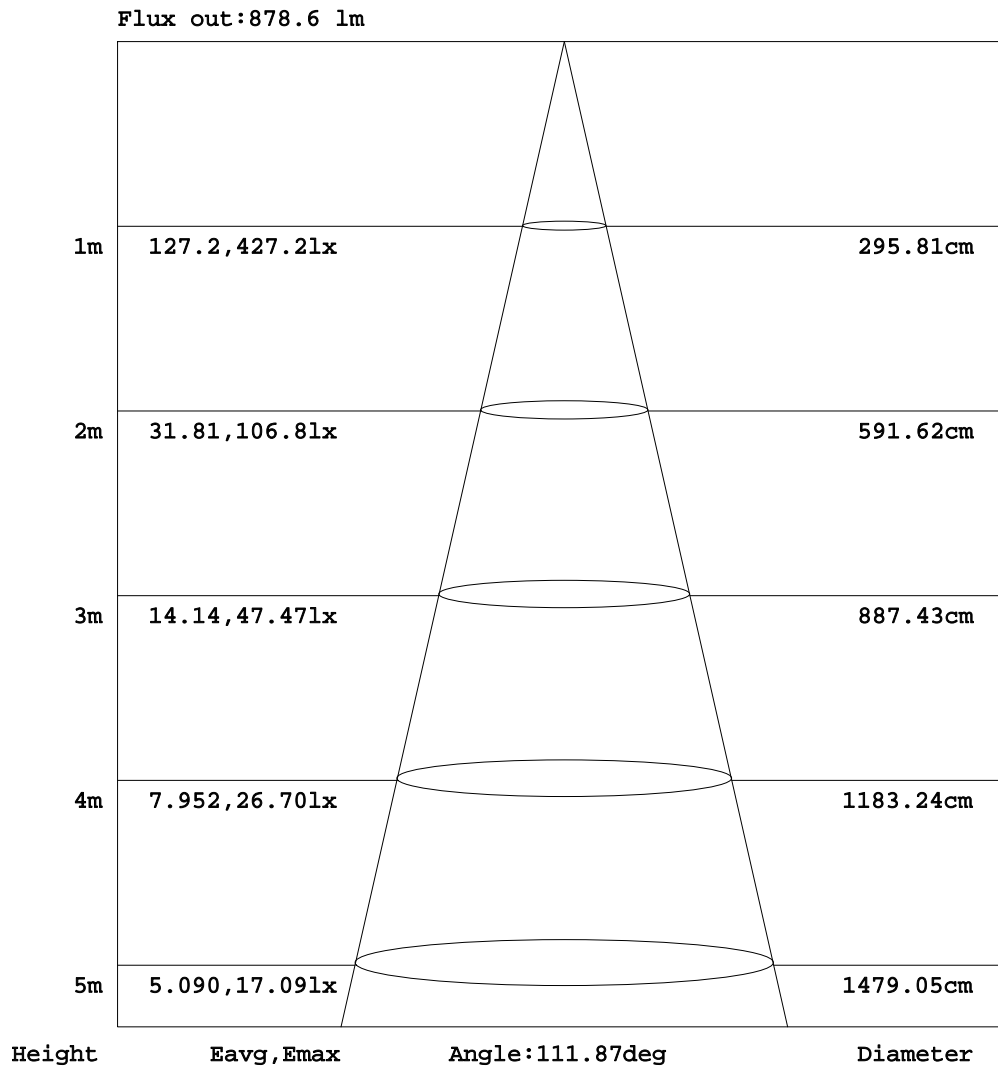


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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



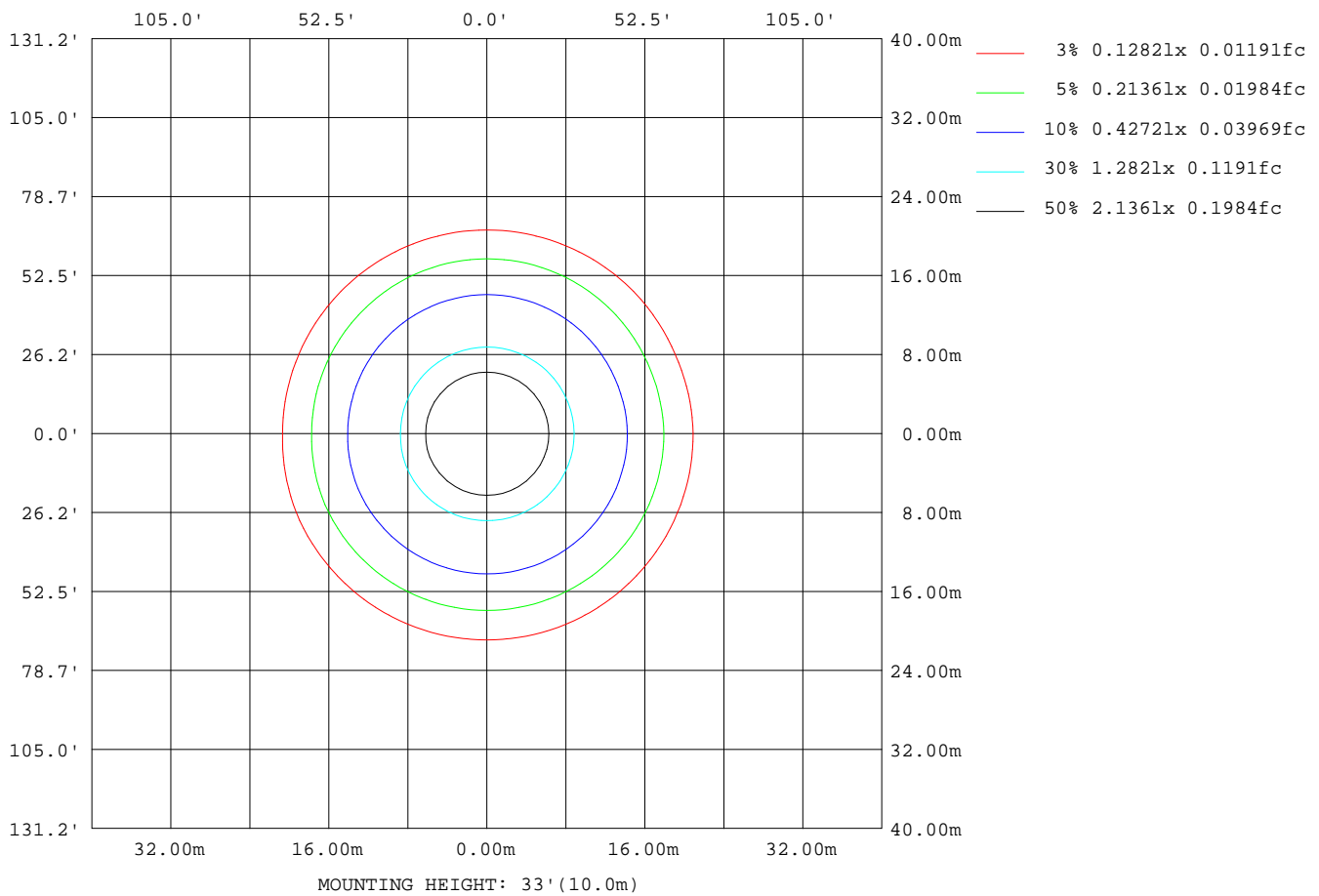
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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:25.4DEG
 Operators:Carl
 Test Date:2022-06-02

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:39%
 Test Distance:2.526m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
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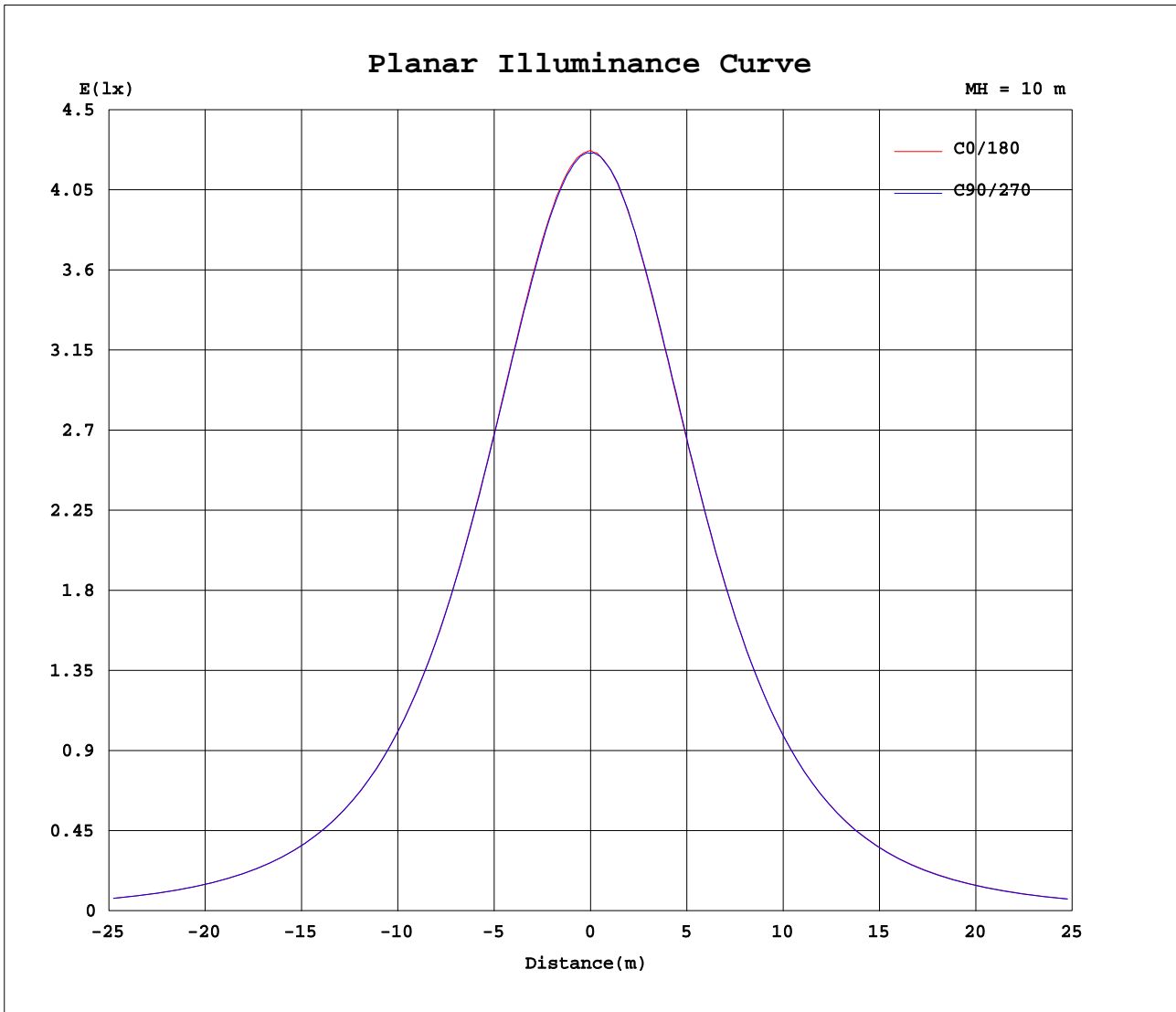
AvgL	cd/m2
L_0~180(65)av	20102
L_0~180(75)av	17153
L_0~180(85)av	9856
L_90~270(65)av	20031
L_90~270(75)av	17325
L_90~270(85)av	12092
L_45(65)av	20121
L_45(75)av	17322
L_45(85)av	10996

Standard: GB/T 29293-2012

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Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:39%
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Remarks:

Planar Illuminance Curve



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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 39%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.1165A P:13.70W PF:0.9795 Lamp Flux:1209.55x1 lm		
NAME: ASD-MPR-7D15CC-EM-WH 4000K	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	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426	426			
5	424	424	425	425	425	424	425	424	423	423	424	424	424	424	424	424			
10	419	419	419	419	419	418	419	418	417	417	418	418	418	417	419	418			
15	410	409	410	410	410	409	410	409	406	407	407	408	408	408	408	408			
20	397	396	396	396	396	396	396	395	392	392	393	395	395	395	395	394			
25	380	380	380	380	380	380	380	378	374	375	376	376	377	377	378	378			
30	360	360	360	360	360	359	359	359	354	354	355	356	357	357	357	358			
35	337	337	338	337	338	337	337	335	331	331	332	332	334	334	335	335			
40	312	312	312	312	312	311	311	310	306	305	306	307	308	308	309	309			
45	284	285	285	285	285	284	284	283	278	278	278	278	279	279	281	281			
50	255	255	255	255	255	254	254	253	248	248	248	248	249	249	250	251			
55	223	223	224	224	224	223	222	222	217	217	216	216	217	217	218	219			
60	190	190	190	190	190	190	190	189	184	183	183	183	183	183	184	185			
65	155	155	156	156	156	155	155	155	149	148	148	147	148	148	150	150			
70	118	119	120	120	120	120	120	120	113	112	112	111	111	111	112	112			
75	81.8	82.4	83.6	84.4	84.6	84.9	84.8	83.6	77.1	76.2	76.2	76.0	75.9	76.2	76.4	76.2			
80	46.8	47.7	49.0	50.7	51.1	51.5	50.6	48.9	43.2	42.6	42.7	43.2	43.1	43.3	42.8	42.4			
85	16.4	17.4	19.3	21.2	22.0	21.9	20.3	18.6	14.4	13.8	14.6	15.6	15.7	15.5	14.4	13.1			
90	0.09	0.09	0.18	0.18	2.22	0.21	0.25	0.29	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
95	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
100	0.10	0.10	0.12	0.12	0.11	0.12	0.12	0.10	0.04	0.04	0.06	0.05	0.05	0.06	0.06	0.04			
105	0.11	0.12	0.12	0.12	0.12	0.13	0.13	0.12	0.06	0.06	0.07	0.07	0.06	0.07	0.07	0.06			
110	0.12	0.13	0.13	0.13	0.13	0.14	0.14	0.13	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
115	0.14	0.14	0.15	0.15	0.14	0.15	0.15	0.14	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.09			
120	0.16	0.16	0.17	0.17	0.17	0.18	0.17	0.17	0.12	0.11	0.12	0.12	0.12	0.11	0.12	0.11			
125	0.20	0.20	0.20	0.20	0.21	0.21	0.21	0.20	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14			
130	0.24	0.25	0.24	0.25	0.25	0.26	0.25	0.24	0.17	0.17	0.16	0.17	0.16	0.17	0.16	0.17			
135	0.30	0.31	0.31	0.31	0.32	0.33	0.32	0.30	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19			
140	0.38	0.39	0.41	0.41	0.41	0.42	0.40	0.38	0.22	0.21	0.22	0.22	0.22	0.22	0.22	0.21			
145	0.47	0.49	0.52	0.53	0.54	0.53	0.51	0.48	0.24	0.23	0.25	0.26	0.26	0.25	0.24	0.25			
150	0.55	0.59	0.61	0.62	0.62	0.62	0.60	0.57	0.26	0.25	0.27	0.28	0.28	0.28	0.27	0.28			
155	0.64	0.67	0.69	0.70	0.71	0.70	0.69	0.66	0.30	0.29	0.31	0.31	0.31	0.32	0.30	0.33			
160	0.71	0.72	0.73	0.76	0.74	0.75	0.74	0.72	0.35	0.34	0.34	0.34	0.35	0.34	0.33	0.36			
165	0.72	0.71	0.72	0.74	0.75	0.74	0.74	0.72	0.38	0.38	0.37	0.37	0.36	0.37	0.36	0.40			
170	0.68	0.67	0.67	0.68	0.68	0.69	0.69	0.69	0.42	0.42	0.40	0.40	0.40	0.40	0.40	0.43			
175	0.66	0.64	0.64	0.62	0.61	0.63	0.65	0.66	0.49	0.49	0.48	0.47	0.46	0.46	0.47	0.50			
180	0.57	0.55	0.54	0.53	0.53	0.55	0.57	0.58	0.57	0.57	0.56	0.54	0.53	0.53	0.55	0.57			

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