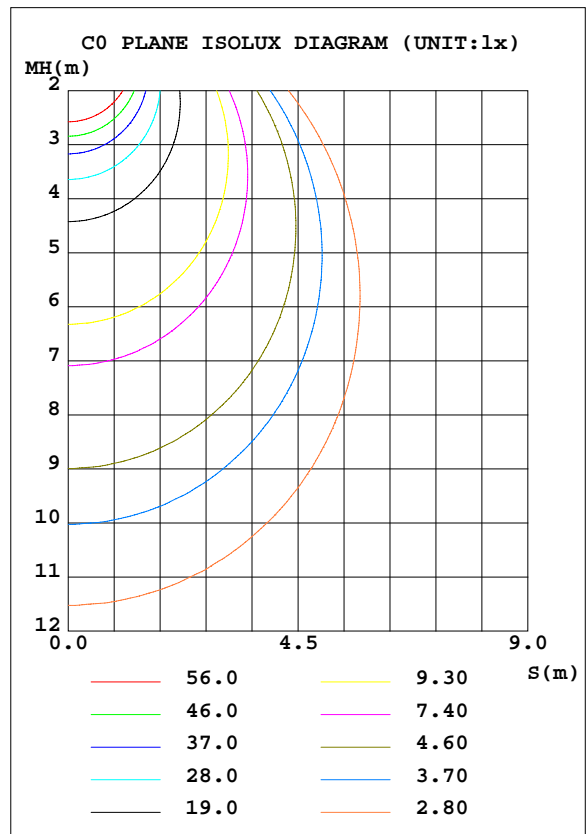
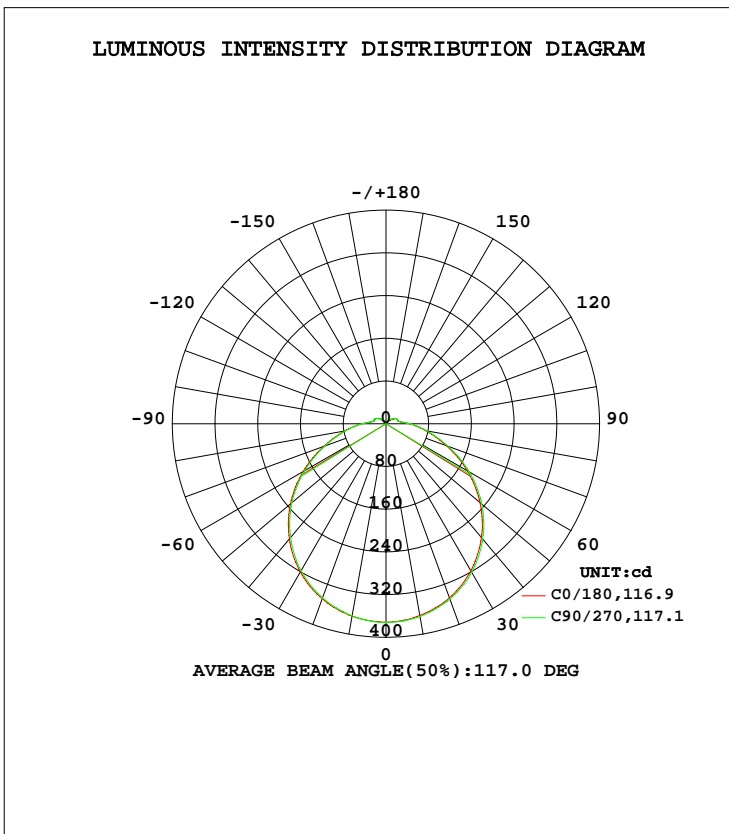


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.55 lm/W			
MODEL	ASD-LFMDR-MV-12D15CC-XX	I _{max} (cd)	372.0	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1290.5	η UP, DN(C0-180)	4.3,45.5
NOMINAL FLUX(lm)	1290.46	CIE CLASS	DIRECT	η UP, DN(C180-360)	4.3,45.8
LAMPS INSIDE	1	η up(%)	8.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	91.4	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

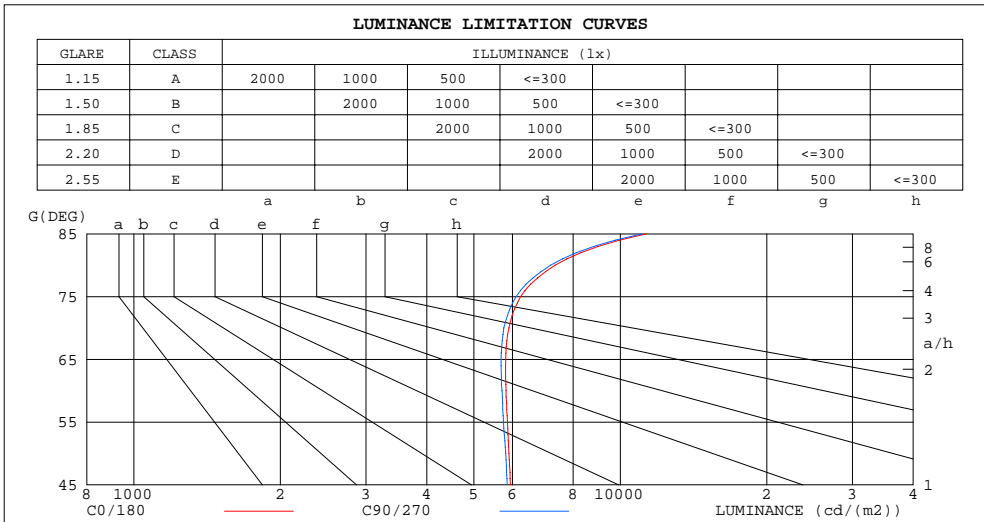
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	ℓlum, lamp
10	365.9	365.5	365.3	364.9	364.7	366.2	366.8	366.1	0- 10	35.19	35.19	2.73,2.73
20	348.6	348.1	347.1	346.8	347.0	348.6	349.4	349.5	10- 20	101.1	136.3	10.6,10.6
30	320.7	319.1	318.1	317.8	317.6	320.2	321.0	321.2	20- 30	154.5	290.9	22.5,22.5
40	281.5	279.9	278.1	277.8	278.2	280.7	282.0	282.0	30- 40	188.2	479.1	37.1,37.1
50	233.5	231.5	230.2	229.5	229.8	232.5	234.3	233.9	40- 50	198.1	677.2	52.5,52.5
60	179.2	177.4	175.9	175.4	175.8	178.5	179.7	179.5	50- 60	183.5	860.6	66.7,66.7
70	124.2	122.6	121.4	120.9	120.6	122.8	123.6	123.6	60- 70	148.3	1009	78.2,78.2
80	78.45	77.71	76.87	76.20	76.02	77.66	78.00	77.93	70- 80	104.3	1113	86.3,86.3
90	45.05	44.66	44.30	43.79	44.24	45.16	44.99	45.21	80- 90	65.63	1179	91.4,91.4
100	25.21	25.30	25.17	25.23	25.47	25.39	24.90	25.16	90-100	36.45	1215	94.2,94.2
110	22.79	23.45	23.66	23.49	23.18	23.00	22.80	22.72	100-110	24.87	1240	96.1,96.1
120	20.53	20.52	20.33	19.43	19.31	19.89	20.50	20.65	110-120	21.91	1262	97.8,97.8
130	14.93	14.17	13.25	12.20	12.02	12.94	14.36	15.10	120-130	15.31	1277	99,99
140	8.416	7.334	7.069	5.822	5.160	6.132	7.236	8.386	130-140	7.928	1285	99.6,99.6
150	4.856	3.594	2.747	2.855	2.968	1.894	3.068	3.589	140-150	3.082	1288	99.8,99.8
160	2.992	2.514	1.894	2.567	1.855	2.770	3.052	2.416	150-160	1.228	1290	99.9,99.9
170	1.861	2.699	1.943	2.158	2.234	1.307	1.941	2.114	160-170	0.6314	1290	100,100
180	0.5117	0.3672	0.4840	0.5611	0.5638	0.5648	0.5630	0.5605	170-180	0.1522	1290	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 10.9 %								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	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	11304	11090
80	7342	7188
75	6237	6108
70	5900	5762
65	5811	5686
60	5824	5711
55	5860	5751
50	5904	5815
45	5943	5855

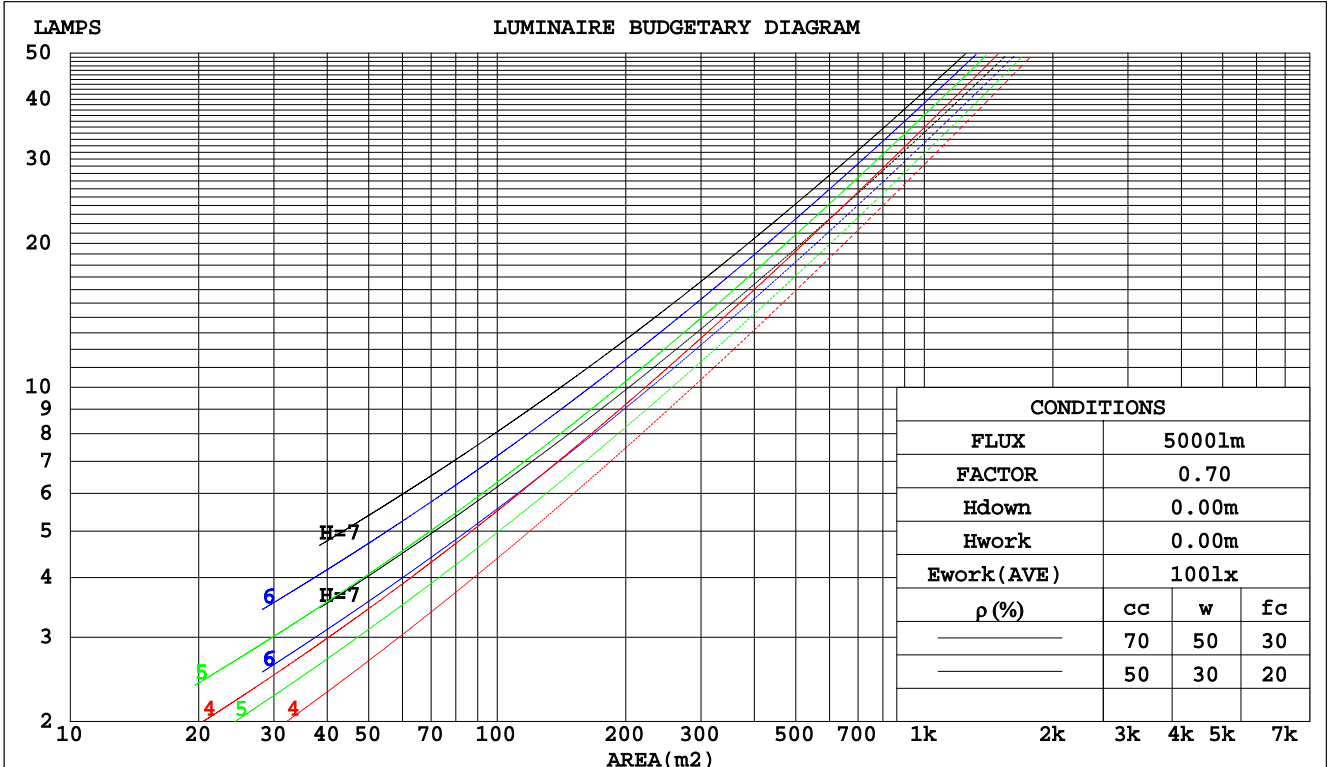
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	.00	.95	.90	.97	.92	.88	.91	.87	.84	.85	.82	.80	.80	.78	.76	.73
2.0	.86	.79	.73	.83	.77	.71	.78	.73	.68	.74	.69	.65	.70	.66	.62	.60
3.0	.75	.67	.60	.73	.65	.59	.69	.62	.56	.65	.59	.54	.61	.56	.52	.50
4.0	.66	.57	.50	.64	.56	.49	.61	.54	.48	.57	.51	.46	.54	.49	.45	.42
5.0	.59	.50	.43	.58	.49	.42	.54	.47	.41	.51	.45	.40	.49	.43	.39	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.46	.40	.35	.44	.38	.34	.32
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.32	.42	.36	.31	.40	.34	.30	.28
8.0	.44	.35	.29	.43	.35	.29	.41	.33	.28	.39	.32	.27	.37	.31	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.34	.28	.24	.22
10.0	.37	.29	.24	.36	.29	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	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	.350	.199	.063	.340	.194	.062	.322	.184	.059	.305	.176	.056	.289	.168	.054	
2.0	.313	.171	.053	.304	.168	.052	.288	.160	.050	.273	.153	.048	.259	.146	.046	
3.0	.283	.151	.045	.275	.147	.044	.260	.141	.043	.247	.135	.041	.234	.130	.040	
4.0	.258	.134	.039	.251	.131	.039	.237	.126	.038	.225	.121	.036	.214	.116	.035	
5.0	.236	.120	.035	.230	.118	.034	.218	.113	.033	.207	.109	.032	.196	.105	.032	
6.0	.218	.109	.031	.212	.107	.031	.201	.103	.030	.191	.099	.029	.182	.096	.028	
7.0	.202	.100	.028	.196	.098	.028	.187	.094	.027	.177	.091	.026	.169	.088	.026	
8.0	.188	.092	.026	.183	.090	.025	.174	.087	.025	.166	.084	.024	.158	.081	.024	
9.0	.175	.085	.024	.171	.083	.023	.163	.081	.023	.155	.078	.022	.148	.075	.022	
10.0	.164	.079	.022	.161	.078	.022	.153	.075	.021	.146	.073	.021	.139	.070	.020	

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	.256	.256	.256	.219	.219	.219	.150	.150	.150	.086	.086	.086	.027	.027	.027	
1.0	.249	.222	.198	.213	.191	.170	.146	.131	.118	.084	.076	.068	.027	.024	.022	
2.0	.242	.199	.162	.207	.171	.140	.142	.118	.098	.082	.069	.057	.026	.022	.019	
3.0	.234	.182	.140	.201	.157	.121	.138	.109	.085	.080	.064	.050	.026	.021	.016	
4.0	.226	.169	.125	.194	.146	.108	.134	.102	.076	.077	.059	.045	.025	.019	.015	
5.0	.219	.159	.114	.188	.137	.099	.129	.096	.070	.075	.056	.042	.024	.018	.014	
6.0	.212	.150	.107	.182	.130	.093	.125	.091	.066	.073	.054	.039	.023	.018	.013	
7.0	.205	.144	.101	.176	.125	.088	.122	.087	.062	.071	.051	.037	.023	.017	.012	
8.0	.198	.138	.097	.170	.120	.084	.118	.084	.060	.069	.050	.036	.022	.016	.012	
9.0	.192	.133	.093	.165	.116	.081	.114	.081	.058	.067	.048	.035	.022	.016	.011	
10.0	.186	.129	.091	.160	.112	.079	.111	.079	.056	.065	.047	.034	.021	.015	.011	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm										
NAME: ASD-LFMDR-MV-12D15CC-XX					TYPE:N/A			WEIGHT:N/A		
SPEC.:					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	18.4	19.9	18.8	20.2	20.6	18.4	19.8	18.8	20.2	20.5
3H	20.2	21.5	20.6	21.9	22.4	20.1	21.5	20.5	21.8	22.3
4H	21.1	22.3	21.5	22.8	23.2	21.0	22.2	21.4	22.6	23.1
6H	21.9	23.1	22.4	23.6	24.0	21.8	23.0	22.3	23.5	23.9
8H	22.4	23.6	22.9	24.0	24.5	22.3	23.5	22.8	23.9	24.4
12H	22.9	24.0	23.4	24.5	25.0	22.8	23.9	23.3	24.4	24.9
4H 2H	19.1	20.3	19.5	20.7	21.2	19.0	20.3	19.4	20.7	21.1
3H	21.0	22.2	21.5	22.6	23.1	21.0	22.1	21.4	22.5	23.0
4H	22.1	23.1	22.6	23.6	24.1	22.0	23.0	22.5	23.5	24.0
6H	23.1	24.0	23.7	24.5	25.1	23.0	23.9	23.6	24.5	25.0
8H	23.7	24.5	24.2	25.1	25.6	23.6	24.4	24.1	25.0	25.5
12H	24.3	25.1	24.9	25.7	26.2	24.2	25.0	24.8	25.6	26.1
8H 4H	22.5	23.3	23.0	23.8	24.4	22.4	23.2	22.9	23.8	24.3
6H	23.8	24.5	24.3	25.0	25.6	23.7	24.4	24.3	25.0	25.6
8H	24.5	25.1	25.1	25.7	26.3	24.4	25.1	25.0	25.6	26.3
12H	25.3	25.9	26.0	26.5	27.2	25.3	25.8	25.9	26.4	27.1
12H 4H	22.5	23.3	23.1	23.8	24.4	22.5	23.2	23.0	23.8	24.4
6H	23.9	24.6	24.5	25.1	25.8	23.9	24.5	24.4	25.1	25.7
8H	24.8	25.3	25.4	25.9	26.6	24.7	25.2	25.3	25.8	26.5
Variations with the observer position at spacings:										
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					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1290 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

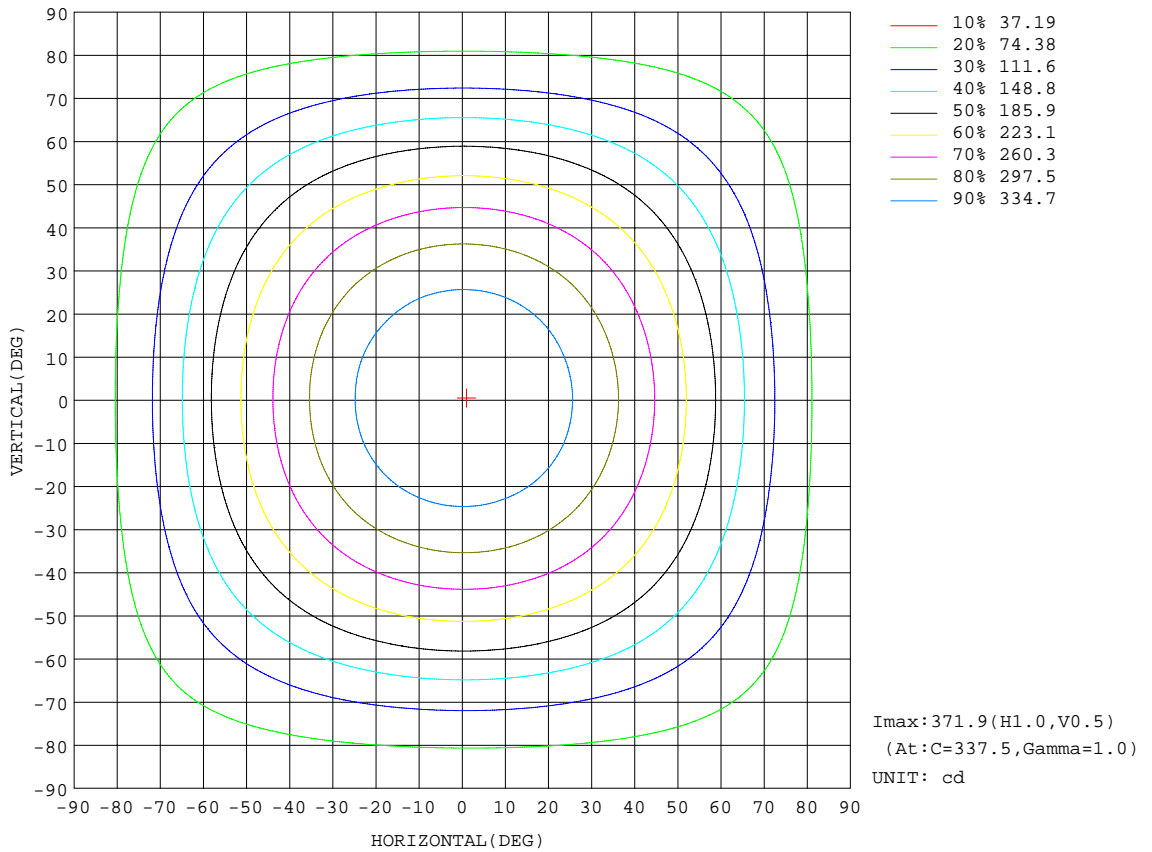
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	34	52	41	34	50	40	33	27
0.80	63	50	43	61	50	42	59	49	42	34
1.00	71	59	51	69	58	50	66	59	50	42
1.25	78	66	58	76	65	58	72	63	56	48
1.50	83	72	64	80	70	63	77	68	61	53
2.00	90	80	72	87	78	71	83	75	69	60
2.50	94	85	78	91	83	76	86	79	74	63
3.00	97	89	83	94	87	81	89	83	78	67
4.00	102	95	89	98	92	87	93	88	84	72
5.00	104	98	93	101	96	91	95	91	87	75
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:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

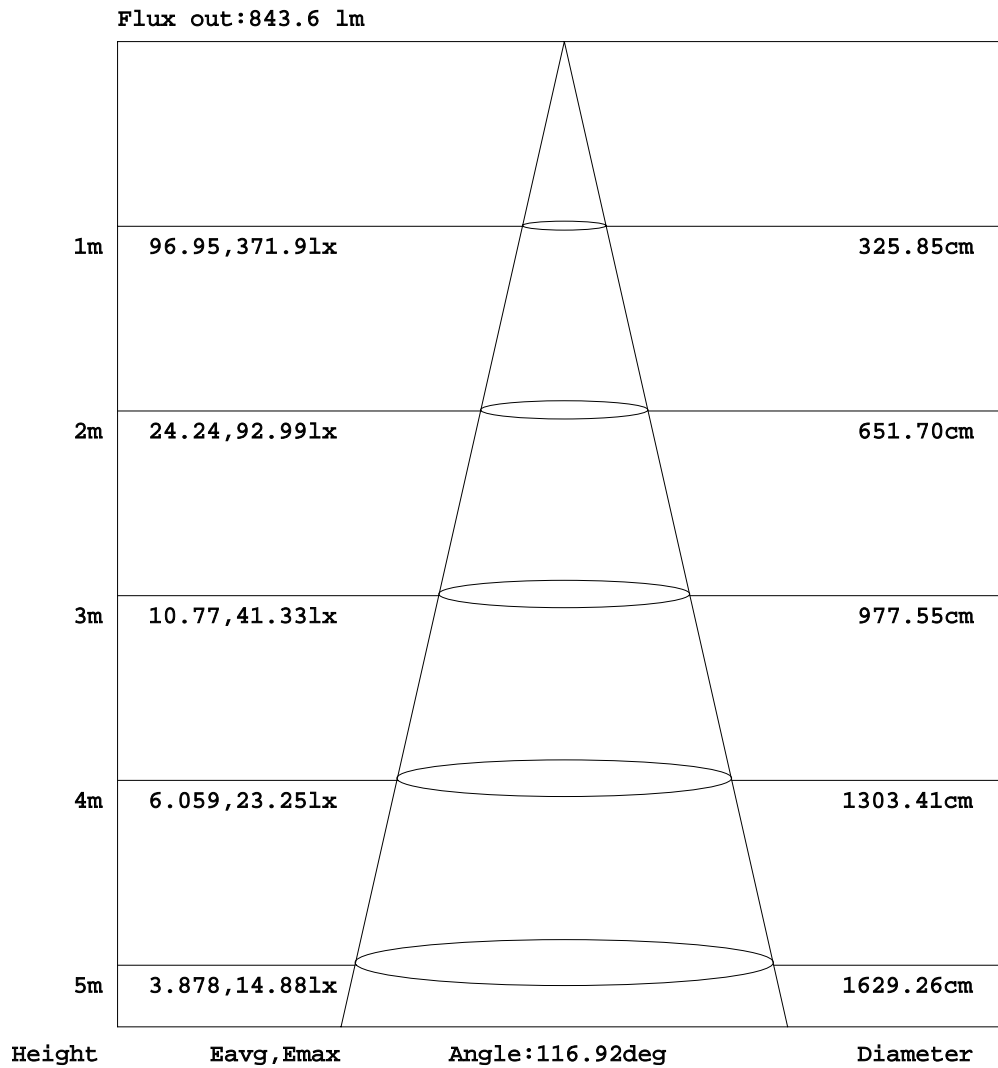


C Range: 0 - 360DEG
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 Test Speed: HIGH
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 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



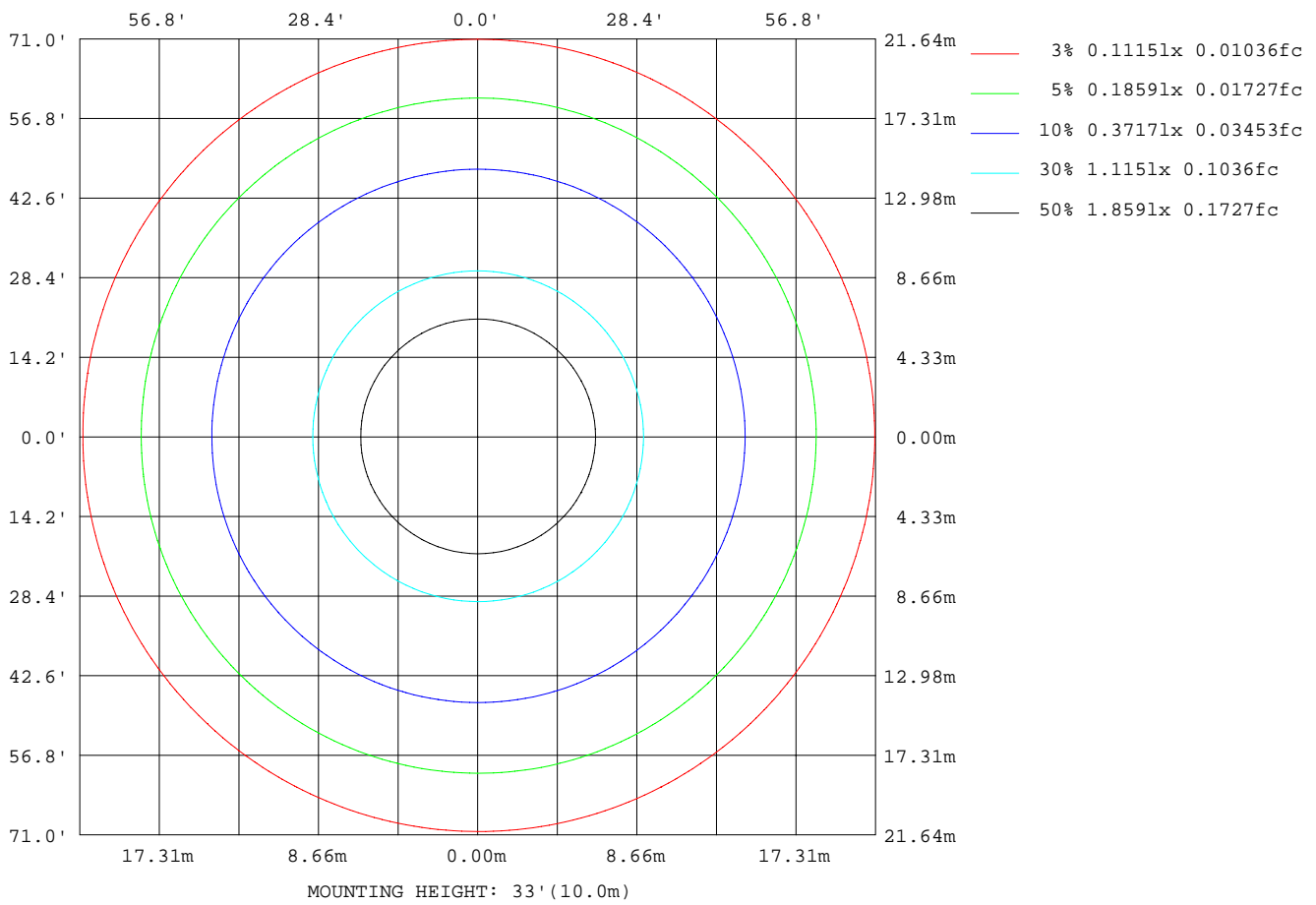
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	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:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.1177A P:13.80W PF:0.9761 Lamp Flux:1290.46x1 lm		
NAME: ASD-LFMDR-MV-12D15CC-XX	TYPE:N/A	WEIGHT:N/A
SPEC.:	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

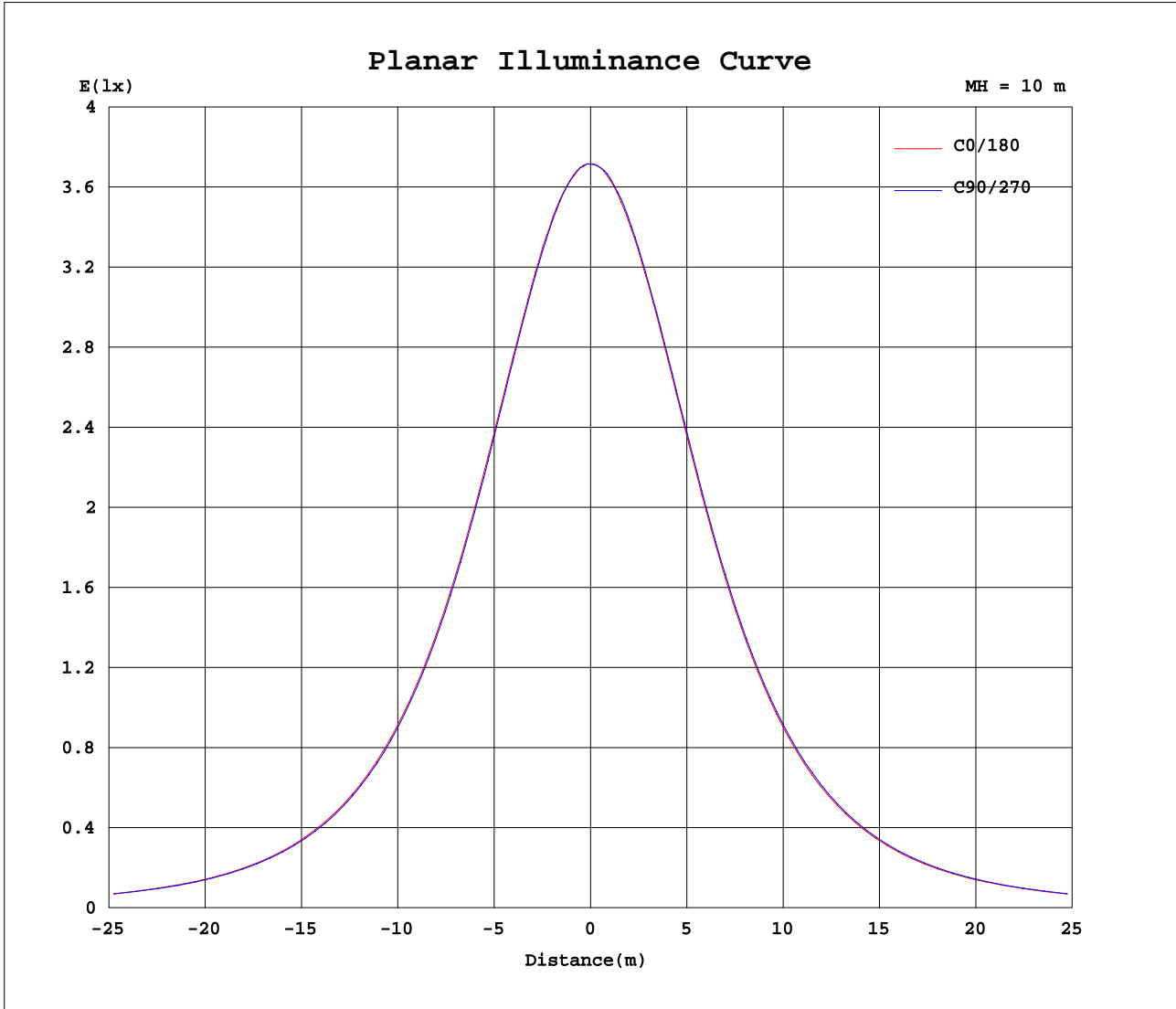
AvgL	cd/m2
L_0~180(65)av	5753
L_0~180(75)av	6150
L_0~180(85)av	11144
L_90~270(65)av	5761
L_90~270(75)av	6166
L_90~270(85)av	11166
L_45(65)av	5761
L_45(75)av	6168
L_45(85)av	11156

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-07-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.490m [K=1.0000]
 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: 35%
 Test Distance: 2.490m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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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	372	372	372	372	372	372	372	372	372	372	372	372	372	372	372	372			
5	370	371	370	370	370	370	370	370	370	370	371	370	371	370	371	370			
10	366	366	365	365	365	365	365	365	365	365	366	366	367	366	366	366			
15	359	359	358	357	357	357	357	357	357	358	359	358	359	359	359	359			
20	349	348	348	347	347	347	347	347	347	348	349	349	349	349	350	349			
25	336	336	335	334	334	333	334	334	334	335	336	336	337	337	337	336			
30	321	320	319	318	318	318	318	318	318	319	320	320	321	321	321	321			
35	302	302	301	300	299	298	299	299	299	300	301	302	303	302	303	302			
40	281	280	280	278	278	277	278	278	278	279	281	281	282	282	282	282			
45	259	258	257	255	255	255	255	255	255	256	258	258	259	259	259	258			
50	233	233	232	230	230	230	230	230	230	231	233	233	234	234	234	233			
55	207	206	205	204	203	203	203	204	203	205	206	207	207	207	207	207			
60	179	178	177	176	176	175	175	176	176	177	178	179	180	180	180	179			
65	151	150	150	148	148	147	148	148	148	150	151	151	152	152	152	151			
70	124	123	123	122	121	121	121	121	121	122	123	123	124	124	124	123			
75	99.3	98.9	98.4	97.8	97.4	96.9	96.7	97.1	96.6	97.6	98.7	98.9	99.1	99.0	99.1	98.7			
80	78.4	78.0	77.7	77.1	76.9	76.3	76.2	76.4	76.0	77.0	77.7	77.8	78.0	77.9	77.9	77.8			
85	60.6	60.3	60.1	59.7	59.5	59.0	58.9	59.2	58.9	59.8	60.1	60.1	60.3	60.2	60.3	60.2			
90	45.1	44.8	44.7	44.4	44.3	43.9	43.8	44.1	44.2	45.0	45.2	44.9	45.0	45.1	45.2	45.1			
95	32.6	32.2	32.5	32.8	32.4	32.5	31.9	32.1	32.5	33.0	33.1	32.6	32.5	32.6	33.0	32.7			
100	25.2	24.8	25.3	25.6	25.2	25.5	25.2	25.1	25.5	25.3	25.4	25.2	24.9	25.3	25.2	24.9			
105	22.9	23.1	23.6	23.9	23.7	24.0	23.8	23.5	23.3	23.0	23.2	23.0	22.9	22.9	22.7	22.7			
110	22.8	23.0	23.4	23.8	23.7	23.7	23.5	23.3	23.2	23.0	23.0	22.9	22.8	22.8	22.7	22.7			
115	22.1	22.2	22.6	22.9	22.8	22.6	22.2	22.2	22.1	22.0	22.1	22.1	22.1	22.1	22.1	22.0			
120	20.5	20.5	20.5	20.6	20.3	19.8	19.4	19.3	19.3	19.4	19.9	20.2	20.5	20.6	20.6	20.6			
125	18.1	17.8	17.6	17.3	17.0	16.4	15.9	15.8	15.8	15.9	16.5	17.1	17.7	18.0	18.2	18.3			
130	14.9	14.5	14.2	13.7	13.2	12.7	12.2	12.0	12.0	12.2	12.9	13.7	14.4	14.6	15.1	15.1			
135	11.7	11.1	10.7	10.2	9.97	9.10	8.59	8.37	8.32	8.37	9.40	10.1	10.7	10.9	11.7	11.7			
140	8.42	7.93	7.33	6.74	7.07	5.97	5.82	6.12	5.16	5.05	6.13	6.84	7.24	7.68	8.39	8.36			
145	5.71	5.60	4.86	4.77	4.38	4.05	4.46	3.67	3.32	3.41	3.96	4.33	4.61	4.71	5.76	6.98			
150	4.86	5.74	3.59	3.32	2.75	2.88	2.86	2.54	2.97	2.44	1.89	2.90	3.07	2.76	3.59	3.83			
155	3.10	2.90	2.86	3.21	2.05	2.38	2.70	3.69	1.98	2.01	1.26	2.07	3.22	1.93	2.55	3.26			
160	2.99	3.60	2.51	3.12	1.89	2.34	2.57	2.36	1.86	2.00	2.77	2.01	3.05	1.99	2.42	1.58			
165	2.86	2.84	2.73	2.64	1.94	1.40	2.32	2.44	1.95	2.02	1.15	2.04	2.08	2.05	2.43	1.88			
170	1.86	2.38	2.70	2.68	1.94	1.07	2.16	2.13	2.23	2.21	1.31	1.31	1.94	1.65	2.11	1.37			
175	1.63	1.51	1.77	1.80	1.92	1.18	0.96	1.46	0.97	1.04	0.62	1.16	1.22	1.17	1.14	1.63			
180	0.51	0.28	0.37	0.20	0.48	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56			

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