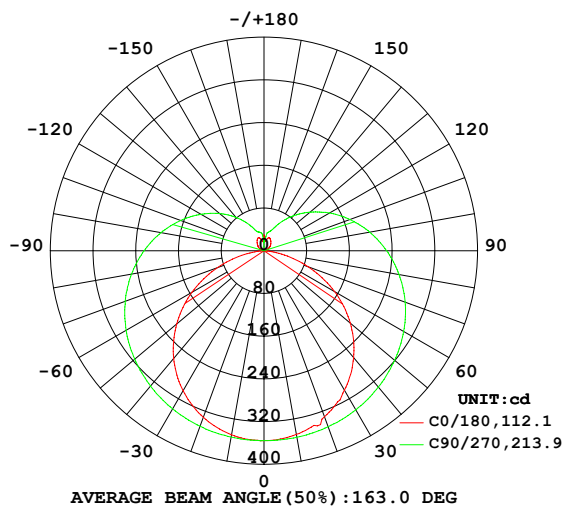


LUMINAIRE PHOTOMETRIC TEST REPORT

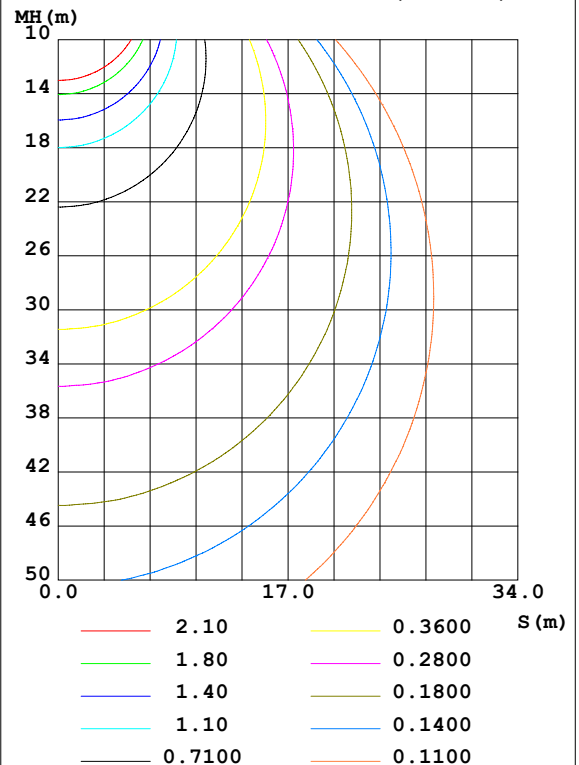
Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.21 lm/W			
MODEL	ASD-LVF22-24D25CC	I _{max} (cd)	356.0	S/MH (C0/180)	1.26
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.46
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1997.6	η UP, DN (C0-180)	12.3, 37.3
NOMINAL FLUX (lm)	1997.56	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	12.8, 37.6
LAMPS INSIDE	1	η up (%)	25.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120	η down (%)	74.9	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature: 24.8DEG
 Operators: Ben
 Test Date: 2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.492m [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	349.9	352.0	354.3	351.7	349.3	352.0	354.5	352.8	0- 10	33.77	33.77	1.69,1.69
20	332.0	341.0	349.7	341.0	331.1	341.3	350.8	342.1	10- 20	98.28	132.1	6.61,6.61
30	302.8	323.2	342.2	323.7	301.4	323.7	344.1	325.1	20- 30	153.8	285.9	14.3,14.3
40	263.1	299.0	330.8	300.5	261.2	300.7	333.1	302.6	30- 40	195.4	481.2	24.1,24.1
50	213.4	270.3	316.0	272.9	210.9	271.4	319.2	275.2	40- 50	219.7	701.0	35.1,35.1
60	155.7	239.2	298.0	242.8	152.5	240.8	302.0	245.4	50- 60	225.9	926.9	46.4,46.4
70	92.78	207.8	276.7	212.3	88.29	210.0	281.4	215.2	60- 70	215.1	1142	57.2,57.2
80	32.03	176.8	251.9	182.2	28.67	179.7	256.9	185.4	70- 80	191.6	1334	66.8,66.8
90	0.4892	147.6	224.6	153.6	0.4017	151.3	229.7	157.0	80- 90	162.4	1496	74.9,74.9
100	1.793	122.1	195.8	128.1	1.870	125.3	201.1	130.2	90-100	136.0	1632	81.7,81.7
110	5.679	100.2	166.1	105.4	5.948	103.6	171.3	107.6	100-110	111.0	1743	87.3,87.3
120	10.67	81.14	136.9	85.81	11.15	85.14	141.9	88.05	110-120	87.16	1830	91.6,91.6
130	15.44	64.28	108.7	67.81	16.17	68.34	112.6	70.47	120-130	64.86	1895	94.9,94.9
140	20.08	49.04	81.45	51.72	20.18	52.39	85.28	55.72	130-140	45.07	1940	97.1,97.1
150	25.03	36.56	57.30	38.25	24.40	37.28	60.63	44.72	140-150	29.15	1969	98.6,98.6
160	25.99	34.30	38.58	34.83	26.14	32.32	40.99	38.34	150-160	17.20	1986	99.4,99.4
170	17.69	30.02	34.55	24.45	18.37	20.28	33.96	34.91	160-170	8.918	1995	99.9,99.9
180	30.78	23.95	0	23.05	28.70	27.24	17.16	17.24	170-180	2.248	1998	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 23.1 %									UNIT:lm		

Conical surface Flux(90deg): 589.2 lm

%lum = 29.5%

%lamp = 29.5%

Conical surface Flux(120deg): 926.86 lm

%lum = 46.4%

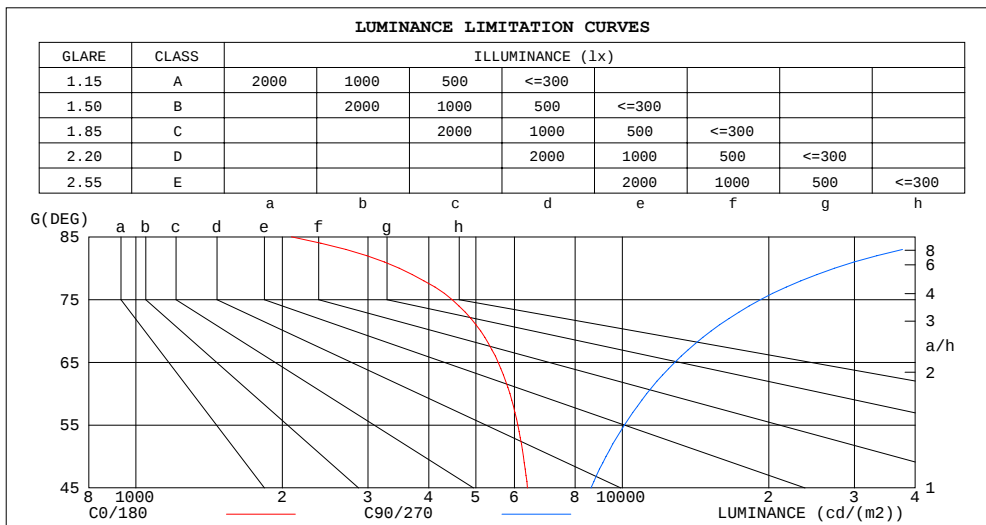
%lamp = 46.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.492m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



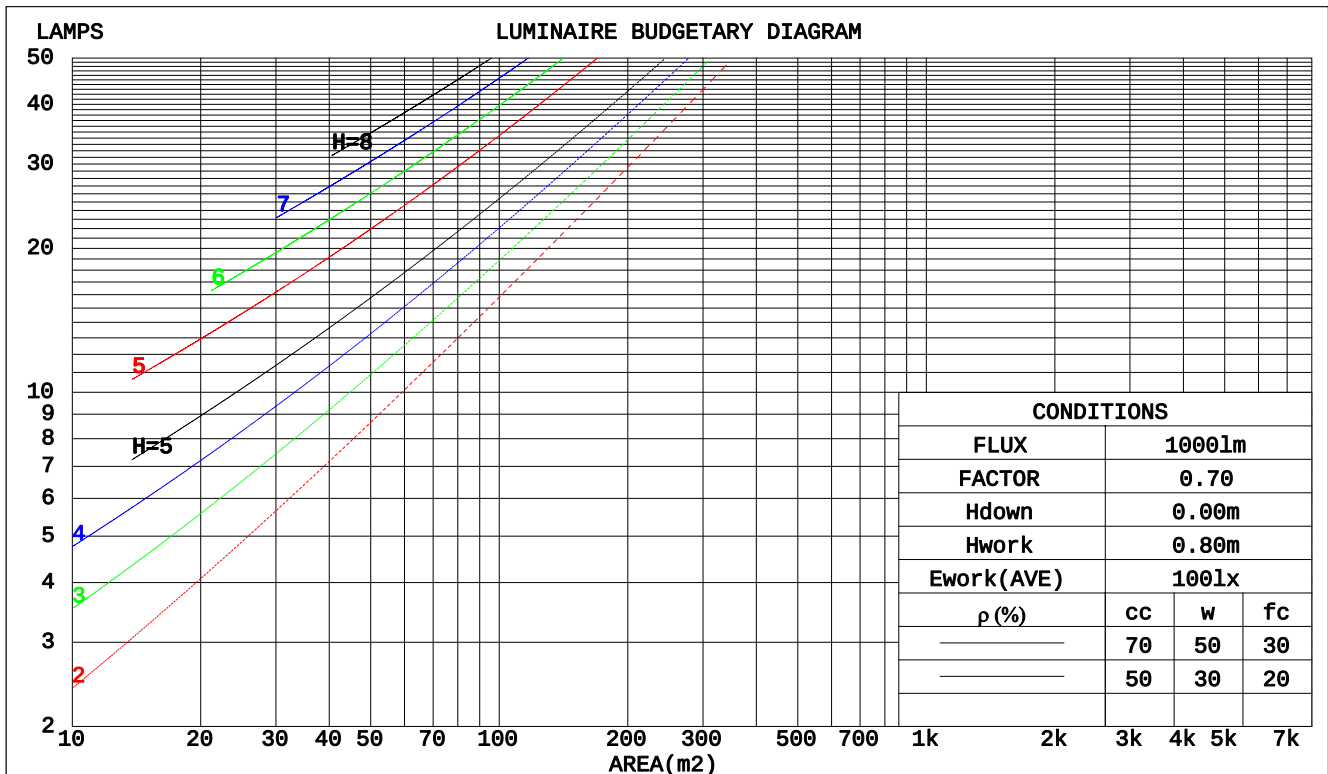
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.8DEG
Operators:Ben
Test Date:2020-09-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.13	1.13	1.13	1.08	1.08	1.08	.97	.97	.97	.88	.88	.88	.79	.79	.79	.75
1.0	.93	.88	.83	.89	.84	.79	.80	.76	.72	.71	.68	.66	.64	.61	.59	.55
2.0	.80	.72	.65	.76	.68	.62	.68	.62	.57	.61	.56	.52	.54	.50	.47	.43
3.0	.69	.60	.53	.65	.57	.50	.59	.52	.46	.53	.47	.42	.47	.42	.39	.35
4.0	.60	.51	.44	.57	.49	.42	.52	.44	.39	.46	.40	.35	.41	.36	.32	.29
5.0	.53	.44	.37	.51	.42	.36	.46	.38	.33	.41	.35	.30	.37	.32	.28	.25
6.0	.48	.38	.32	.45	.37	.31	.41	.34	.28	.37	.31	.26	.33	.28	.24	.21
7.0	.43	.34	.28	.41	.33	.27	.37	.30	.25	.34	.27	.23	.30	.25	.21	.19
8.0	.39	.30	.24	.37	.29	.23	.34	.27	.22	.31	.25	.20	.28	.22	.19	.16
9.0	.36	.27	.22	.34	.26	.21	.31	.24	.19	.28	.22	.18	.25	.20	.17	.15
10.0	.33	.25	.19	.31	.24	.19	.29	.22	.17	.26	.20	.16	.24	.19	.15	.13



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.492m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm					
NAME: ASD Lighting corp			TYPE:N/A		WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC			DIM.: N/A		SERIAL No.:N/A
MFR.: ASD Lighting corp			SUR.:N/A		Shielding Angle:N/A

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.394	.224	.071	.379	.216	.069	.351	.201	.064	.325	.188	.060	.302	.175	.056	
2.0	.337	.185	.057	.324	.178	.055	.299	.166	.052	.275	.154	.048	.254	.143	.045	
3.0	.298	.159	.048	.286	.153	.046	.263	.142	.043	.242	.132	.041	.222	.123	.038	
4.0	.267	.139	.041	.256	.134	.040	.235	.125	.037	.216	.116	.035	.198	.108	.033	
5.0	.243	.124	.036	.232	.119	.035	.213	.111	.033	.196	.103	.031	.179	.096	.029	
6.0	.222	.111	.032	.213	.107	.031	.195	.100	.029	.179	.093	.027	.164	.086	.026	
7.0	.204	.101	.029	.196	.098	.028	.180	.091	.026	.165	.085	.025	.151	.078	.023	
8.0	.189	.093	.026	.182	.089	.025	.167	.083	.024	.153	.077	.022	.140	.072	.021	
9.0	.176	.085	.024	.169	.082	.023	.155	.077	.022	.143	.071	.020	.130	.066	.019	
10.0	.165	.079	.022	.158	.076	.021	.146	.071	.020	.134	.066	.019	.122	.061	.018	

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	.382	.382	.382	.326	.326	.326	.223	.223	.223	.128	.128	.128	.041	.041	.041	
1.0	.379	.348	.321	.324	.299	.276	.222	.206	.191	.128	.119	.111	.041	.038	.036	
2.0	.373	.326	.287	.319	.281	.248	.219	.194	.173	.126	.113	.101	.040	.037	.033	
3.0	.365	.310	.266	.313	.267	.230	.215	.186	.161	.124	.108	.095	.040	.035	.031	
4.0	.357	.297	.252	.307	.257	.219	.211	.179	.154	.122	.105	.091	.039	.034	.030	
5.0	.350	.288	.242	.300	.249	.211	.207	.174	.149	.120	.102	.088	.039	.033	.029	
6.0	.342	.280	.235	.294	.243	.205	.203	.170	.145	.118	.100	.086	.038	.033	.028	
7.0	.335	.274	.230	.288	.237	.201	.199	.166	.142	.116	.098	.085	.037	.032	.028	
8.0	.329	.268	.226	.283	.233	.197	.196	.163	.140	.114	.096	.083	.037	.032	.028	
9.0	.322	.263	.224	.278	.229	.195	.192	.161	.138	.112	.095	.083	.036	.031	.027	
10.0	.317	.259	.221	.273	.225	.193	.189	.158	.137	.110	.094	.082	.036	.031	.027	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.8DEG
Operators:Ben
Test Date:2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm											
NAME: ASD Lighting corp					TYPE:N/A			WEIGHT:N/A			
SPEC.:ASD-LVF22-24D25CC					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		17.2	18.5	17.8	19.1	19.8	19.9	21.2	20.4	21.8	22.5
3H		18.7	19.9	19.3	20.5	21.3	22.8	24.0	23.4	24.6	25.4
4H		19.3	20.4	19.9	21.1	21.8	24.4	25.6	25.1	26.2	27.0
6H		19.7	20.7	20.3	21.4	22.2	26.2	27.3	26.9	28.0	28.8
8H		19.8	20.8	20.4	21.5	22.3	27.2	28.3	27.9	29.0	29.8
12H		19.8	20.8	20.5	21.5	22.3	28.4	29.4	29.1	30.1	30.9
4H	2H	18.5	19.7	19.2	20.3	21.1	20.4	21.5	21.0	22.2	23.0
	3H	20.3	21.3	21.0	22.0	22.8	23.6	24.6	24.3	25.3	26.1
	4H	21.1	22.0	21.8	22.7	23.6	25.4	26.3	26.1	27.0	27.9
	6H	21.7	22.5	22.4	23.3	24.1	27.5	28.3	28.2	29.0	29.9
	8H	21.9	22.7	22.7	23.4	24.3	28.6	29.4	29.3	30.1	31.0
	12H	22.0	22.8	22.8	23.5	24.4	29.9	30.6	30.6	31.4	32.3
8H	4H	22.5	23.2	23.2	24.0	24.9	25.8	26.5	26.5	27.3	28.2
	6H	23.5	24.2	24.3	24.9	25.9	28.1	28.8	28.9	29.5	30.5
	8H	24.0	24.5	24.7	25.3	26.3	29.5	30.1	30.3	30.8	31.8
	12H	24.3	24.8	25.1	25.6	26.6	31.0	31.6	31.8	32.4	33.3
12H	4H	22.9	23.6	23.7	24.4	25.3	25.8	26.5	26.5	27.2	28.2
	6H	24.3	24.9	25.1	25.6	26.6	28.2	28.8	29.0	29.6	30.6
	8H	24.9	25.4	25.7	26.2	27.2	29.7	30.2	30.5	31.0	32.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117 Corrected 1998 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.8DEG
Operators:Ben
Test Date:2020-09-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

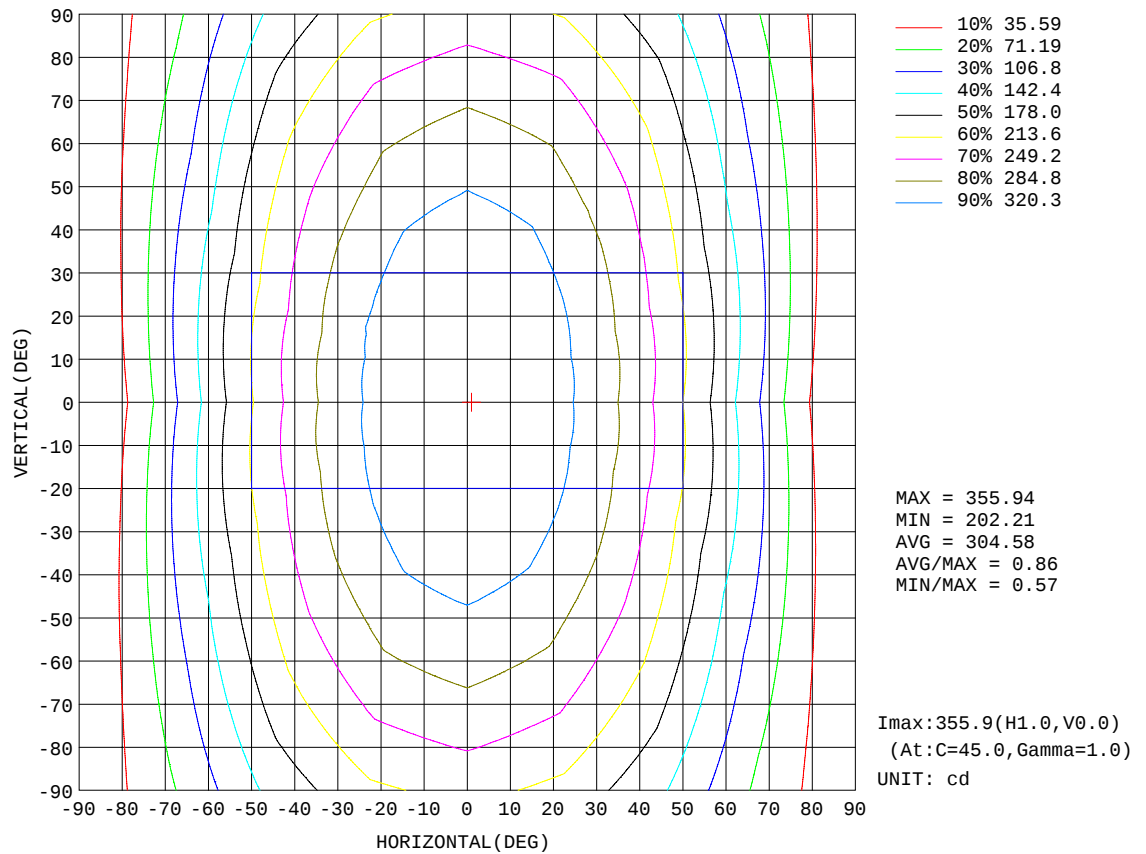
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	32	25	44	32	25	41	31	24	17
0.80	54	41	32	52	40	32	49	38	31	23
1.00	61	48	40	59	47	39	55	47	37	28
1.25	68	55	46	66	54	45	61	51	43	33
1.50	74	61	52	70	59	51	65	55	48	37
2.00	81	69	61	77	67	59	71	62	55	42
2.50	86	75	67	82	72	64	74	67	60	46
3.00	89	80	72	85	76	69	77	70	65	49
4.00	94	86	79	90	82	76	81	75	70	54
5.00	97	90	84	93	86	81	84	79	74	57
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: 10.0deg/s
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

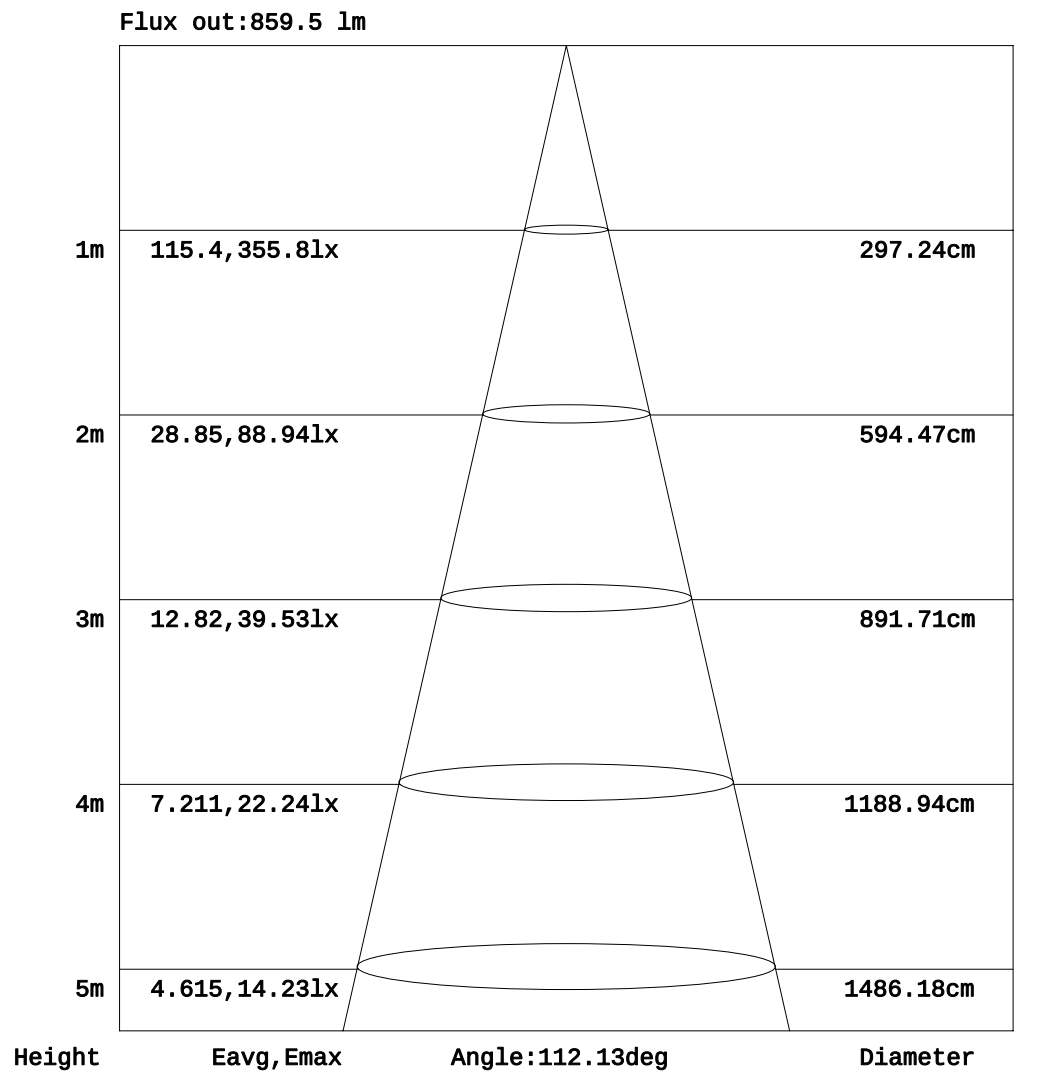


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.8DEG
Operators:Ben
Test Date:2020-09-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A



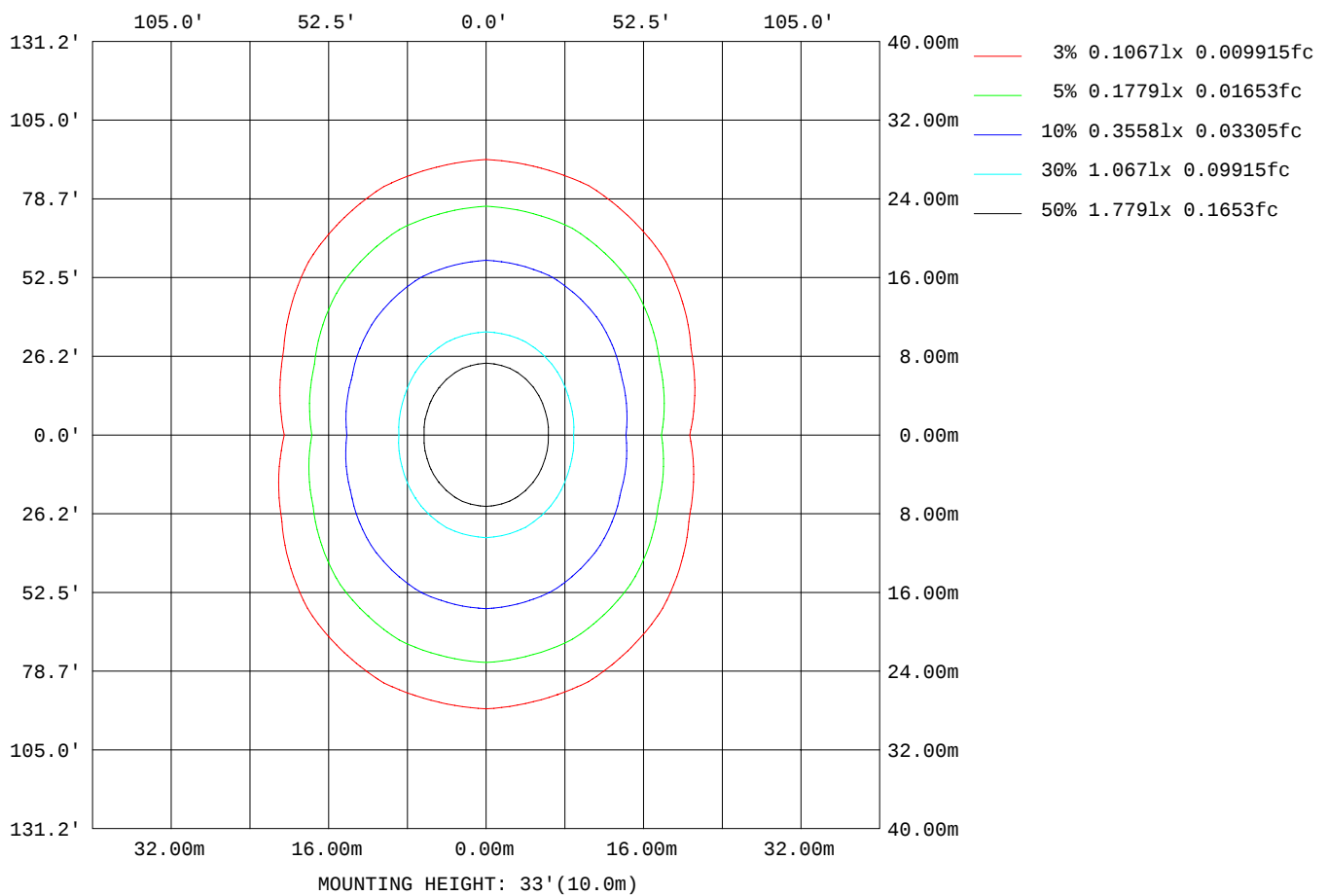
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: 10.0deg/s
 Temperature:24.8DEG
 Operators:Ben
 Test Date:2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	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: 10.0deg/s
Temperature:24.8DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	DIM.: N/A	SERIAL No.:N/A
MFR.: ASD Lighting corp	SUR.:N/A	Shielding Angle:N/A

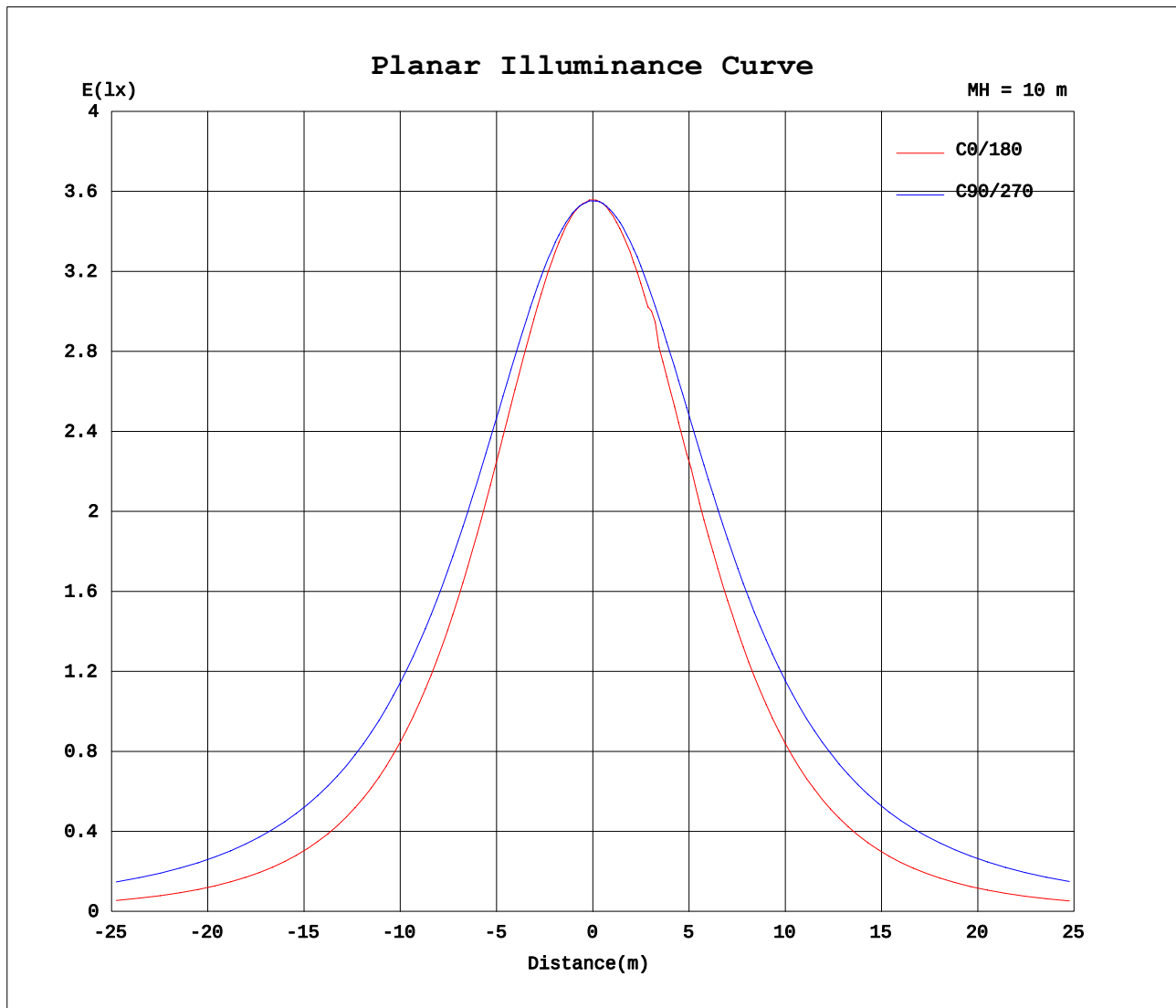
AvgL	cd/m2
L_0~180 (65) av	5456
L_0~180 (75) av	4307
L_0~180 (85) av	1852
L_90~270 (65) av	12928
L_90~270 (75) av	19446
L_90~270 (85) av	52110
L_45 (65) av	10109
L_45 (75) av	14273
L_45 (85) av	35965

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature:24.8DEG
Operators:Ben
Test Date:2020-09-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.492m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: 10.0deg/s
Temperature: 24.8DEG
Operators: Ben
Test Date: 2020-09-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 35%
Test Distance: 2.492m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.2275A P:25.22W PF:0.9230 Lamp Flux:1997.56x1 lm		
NAME: ASD Lighting corp	TYPE:N/A	WEIGHT:N/A
SPEC.:ASD-LVF22-24D25CC	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	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356	356			
5	354	354	355	355	355	355	355	354	354	354	354	355	355	355	355	355			
10	350	350	352	353	354	353	352	350	349	350	352	353	354	354	353	351			
15	342	343	348	351	353	351	347	343	342	343	347	351	353	352	348	344			
20	332	334	341	347	350	347	341	334	331	339	341	348	351	349	342	335			
25	319	322	333	342	346	343	335	323	318	322	335	343	348	344	334	323			
30	303	308	323	336	342	337	324	309	301	310	324	337	344	339	325	310			
35	284	292	312	329	337	331	313	293	283	291	312	331	339	332	314	294			
40	263	274	299	321	331	323	301	275	261	273	301	323	333	325	303	276			
45	239	254	285	313	324	314	287	255	237	252	286	315	327	317	289	256			
50	213	232	270	303	316	305	273	233	211	231	271	306	319	308	275	235			
55	185	208	255	293	308	294	258	211	183	207	256	296	311	298	260	212			
60	156	184	239	282	298	284	243	187	152	183	241	285	302	288	245	189			
65	125	160	224	270	288	273	228	163	120	159	225	274	292	276	230	166			
70	92.8	136	208	258	277	261	212	141	88.3	135	210	262	281	264	215	143			
75	61.3	114	192	245	265	248	197	120	57.0	113	195	249	270	252	200	121			
80	32.0	94.3	177	231	252	235	182	101	28.7	93.6	180	236	257	239	185	102			
85	9.65	77.4	162	218	238	221	168	84.5	7.47	77.3	165	223	244	225	171	85.5			
90	0.49	63.9	148	204	225	207	154	71.2	0.40	64.5	151	209	230	211	157	72.1			
95	0.80	53.5	135	190	210	193	141	61.0	0.80	55.0	138	195	215	198	144	61.8			
100	1.79	46.2	122	176	196	179	128	52.9	1.87	48.2	125	181	201	184	130	54.0			
105	3.43	41.0	110	162	181	165	116	47.0	3.63	43.3	114	167	186	169	118	48.2			
110	5.68	37.2	100	148	166	151	105	42.5	5.95	39.7	104	153	171	155	108	43.8			
115	8.12	33.9	90.3	134	151	137	95.2	38.7	8.52	36.7	94.0	140	157	141	97.5	40.0			
120	10.7	31.1	81.1	121	137	124	85.8	35.5	11.2	34.2	85.1	125	142	127	88.1	36.9			
125	13.3	28.7	72.6	108	123	111	76.7	32.6	13.9	32.0	76.7	113	127	114	79.1	34.2			
130	15.4	26.4	64.3	95.9	109	98.1	67.8	29.9	16.2	29.8	68.3	100	113	101	70.5	31.7			
135	17.8	24.9	56.2	83.7	95.0	85.7	59.6	27.9	18.1	28.2	60.4	87.7	98.8	89.0	62.7	30.2			
140	20.1	26.1	49.0	72.1	81.5	73.8	51.7	27.9	20.2	27.8	52.4	75.6	85.3	77.6	55.7	29.9			
145	22.6	27.3	42.5	61.3	69.0	62.8	44.7	28.9	22.3	28.0	44.1	63.7	72.7	67.3	49.8	30.8			
150	25.0	28.1	36.6	50.9	57.3	52.0	38.3	29.5	24.4	28.1	37.3	52.1	60.6	57.7	44.7	32.2			
155	26.7	29.2	34.6	41.6	46.3	42.5	35.4	30.1	26.1	26.3	34.0	42.1	49.2	48.5	41.0	33.4			
160	26.0	29.7	34.3	36.9	38.6	37.4	34.8	30.4	26.1	24.5	32.3	36.7	41.0	41.6	38.3	34.3			
165	22.4	26.5	33.9	35.7	36.5	35.9	32.7	26.2	22.9	22.6	28.2	33.2	37.1	37.9	36.8	34.4			
170	17.7	19.0	30.0	34.1	34.6	32.1	24.4	19.9	18.4	18.4	20.3	25.1	34.0	34.9	34.9	31.1			
175	18.1	17.3	20.5	28.1	28.0	19.8	17.6	18.6	18.5	18.4	18.6	17.8	20.4	27.7	28.4	21.9			
180	30.8	28.9	23.9	15.1	0.00	15.9	23.0	29.0	28.7	28.7	27.2	23.4	17.2	11.2	17.2	22.4			

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