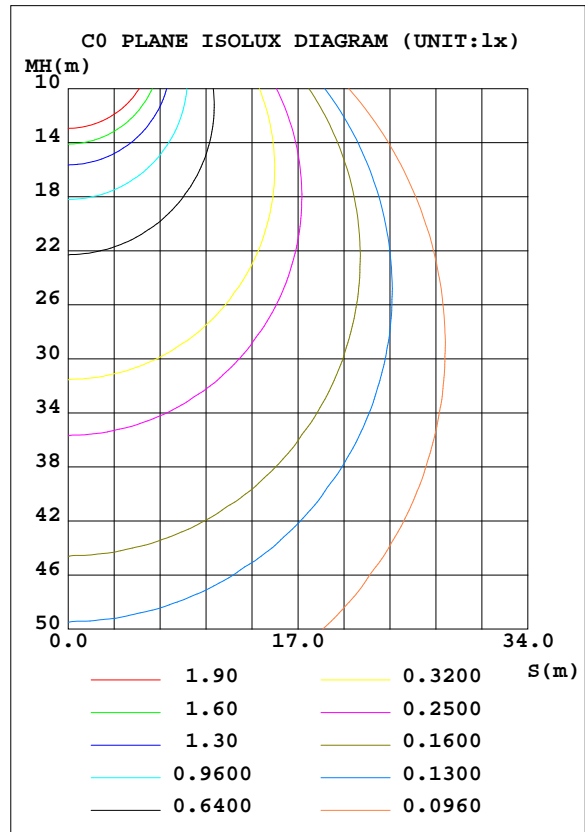
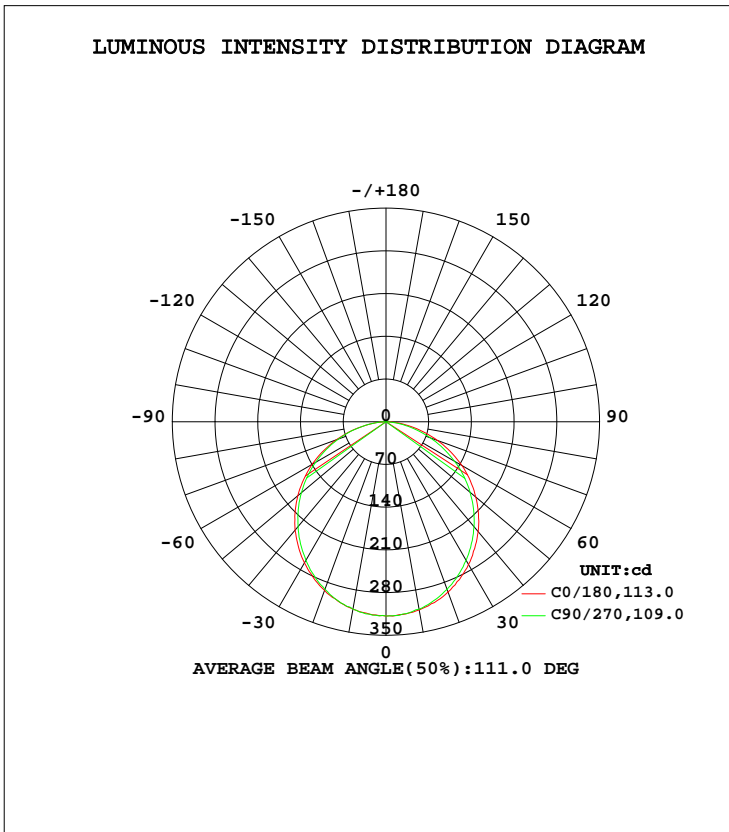


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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			
MODEL	ASD-UCS-24D12CC	Imax(cd)	319.3	S/MH(C0/180)	1.26
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	892.52	η UP, DN(C0-180)	0.1,50.1
NOMINAL FLUX(lm)	892.523	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:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	311.8	311.7	311.9	311.3	313.2	312.6	311.8	312.5	0- 10	30.09	30.09	3.37,3.37
20	294.3	293.9	292.3	293.1	297.0	294.6	292.2	294.1	10- 20	85.89	116.0	13,13
30	267.3	265.3	262.2	264.9	270.1	266.5	262.7	265.4	20- 30	129.4	245.4	27.5,27.5
40	231.7	228.0	224.1	228.6	235.0	229.8	224.4	227.6	30- 40	155.1	400.5	44.9,44.9
50	188.6	184.6	181.0	185.9	192.2	185.8	179.8	184.0	40- 50	160.2	560.8	62.8,62.8
60	139.9	136.7	133.4	137.9	143.9	136.4	129.7	134.6	50- 60	144.4	705.2	79,79
70	86.30	85.53	82.88	86.28	89.89	83.06	77.59	82.16	60- 70	109.4	814.5	91.3,91.3
80	33.89	35.03	34.10	35.48	37.20	32.22	28.55	31.63	70- 80	61.54	876.1	98.2,98.2
90	0.0598	0.0468	0.0411	0.0538	0.5019	0.0157	0.0139	0.0135	80- 90	15.50	891.6	99.9,99.9
100	0.0756	0.0869	0.0756	0.0864	0.0318	0.0301	0.0310	0.0288	90-100	0.0492	891.6	99.9,99.9
110	0.0934	0.0973	0.0951	0.0993	0.0521	0.0522	0.0517	0.0492	100-110	0.0676	891.7	99.9,99.9
120	0.1283	0.1310	0.1311	0.1344	0.0788	0.0779	0.0762	0.0749	110-120	0.0866	891.8	99.9,99.9
130	0.1874	0.1906	0.1985	0.1951	0.1137	0.1137	0.1071	0.1075	120-130	0.1131	891.9	99.9,99.9
140	0.2929	0.3174	0.3203	0.3096	0.1517	0.1543	0.1511	0.1494	130-140	0.1440	892.0	99.9,99.9
150	0.4125	0.4650	0.4785	0.4493	0.1843	0.1994	0.2016	0.1944	140-150	0.1749	892.2	100,100
160	0.5204	0.5504	0.5584	0.5424	0.2553	0.2592	0.2558	0.2459	150-160	0.1684	892.4	100,100
170	0.4918	0.5124	0.5057	0.4984	0.3180	0.3032	0.2934	0.2908	160-170	0.1150	892.5	100,100
180	0.4181	0.3952	0.3818	0.4043	0.4172	0.4093	0.3854	0.3854	170-180	0.0382	892.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 481.35 lm

%lum = 53.9%
%lamp = 53.9%

Conical surface Flux(120deg): 705.16 lm

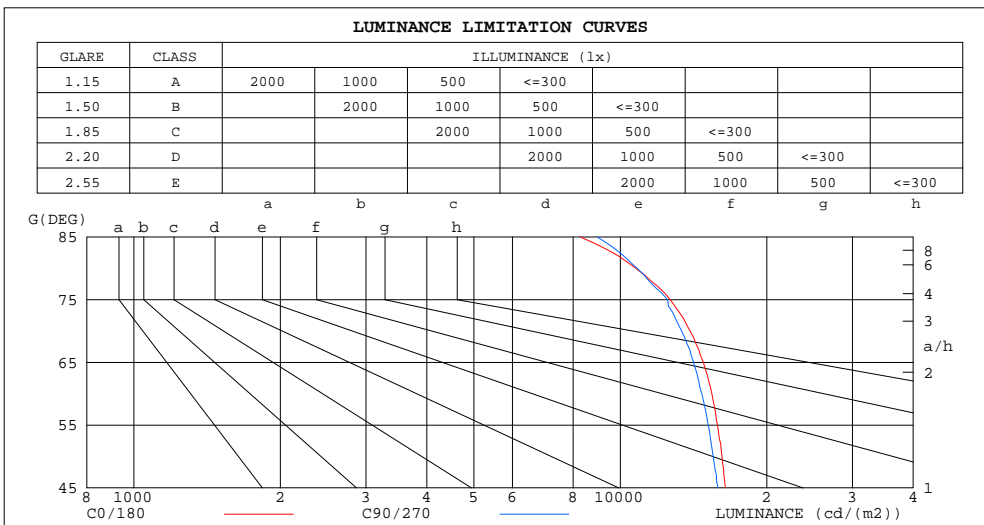
%lum = 79.0%
%lamp = 79.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Water
Test Date:2023-09-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
Humidity:50%
Test Distance:2.513m [K=1.0000]
Remarks: Model No: UCL-31B-24G

LUMINANCE LIMITATION CURVES

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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	8275	8969
80	10762	10829
75	12668	12515
70	13914	13364
65	14818	14152
60	15429	14712
55	15844	15161
50	16179	15525
45	16434	15861

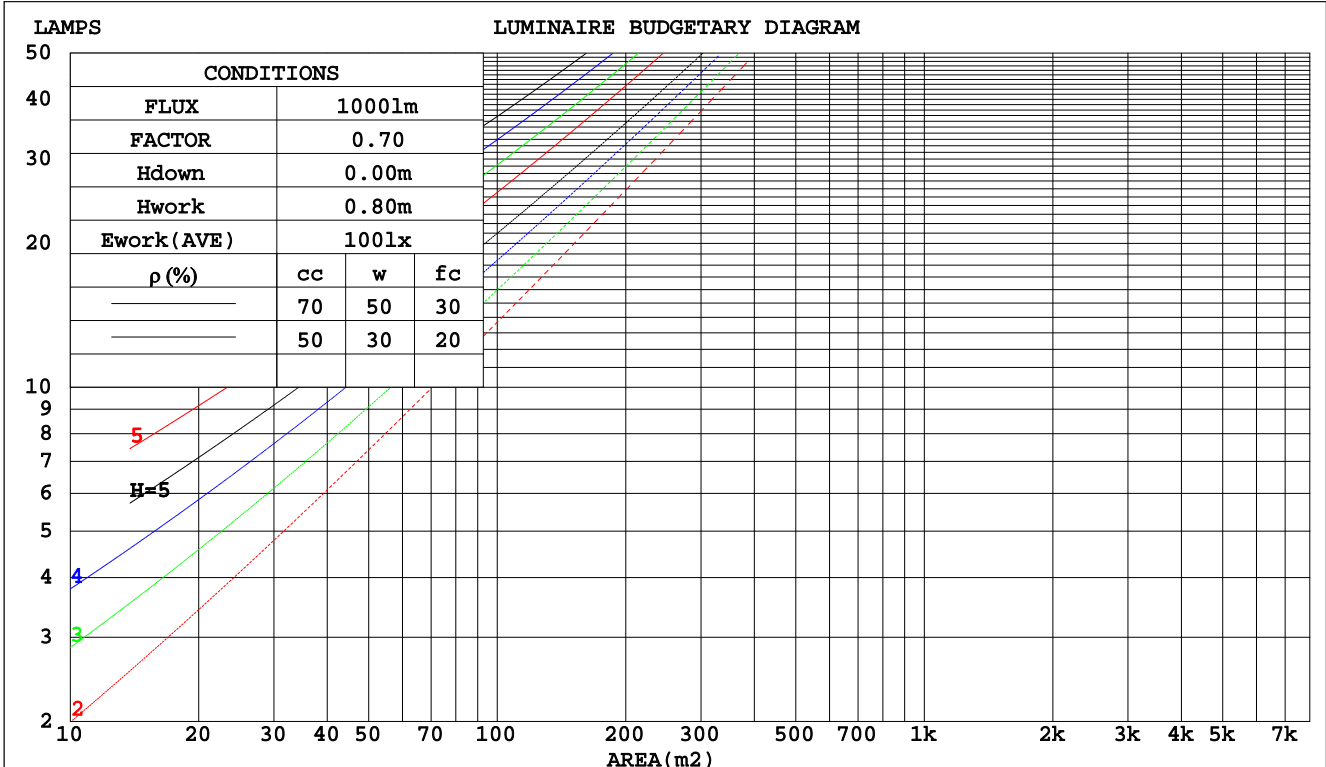
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Water
 Test Date: 2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 50%
 Test Distance: 2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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	.74	.79	.75	.72	.70
3.0	.80	.71	.65	.78	.70	.64	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.70	.62	.55	.69	.61	.54	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.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:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

WEC AND CCEC

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz		
Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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	.307	.175	.055	.300	.171	.054	.287	.165	.053	.275	.158	.051	.263	.153	.049	
2.0	.290	.159	.049	.284	.156	.048	.272	.151	.047	.261	.147	.046	.251	.142	.045	
3.0	.269	.143	.043	.263	.141	.042	.253	.137	.042	.243	.133	.041	.234	.130	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.226	.121	.037	.218	.118	.036	
5.0	.230	.117	.034	.225	.116	.034	.217	.113	.033	.210	.111	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.030	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.176	.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	.163	.078	.022	.161	.078	.022	.156	.076	.022	.152	.075	.021	.147	.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	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.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	.157	.102	.059	.135	.088	.052	.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	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.102	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

UGR(Unified Glare Rating) Table

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz										
Lamp Flux:892.523x1 lm										
NAME: ASD-UCS-24D12CC					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	22.9	24.4	23.2	24.6	24.8	22.7	24.2	22.9	24.4	24.6
3H	24.4	25.8	24.7	26.1	26.3	24.2	25.6	24.5	25.8	26.1
4H	25.0	26.3	25.3	26.6	26.9	24.8	26.1	25.1	26.4	26.6
6H	25.4	26.7	25.7	26.9	27.2	25.2	26.4	25.5	26.7	27.0
8H	25.5	26.7	25.8	27.0	27.3	25.3	26.5	25.6	26.8	27.1
12H	25.5	26.7	25.9	27.0	27.3	25.4	26.5	25.7	26.8	27.1
4H 2H	23.5	24.8	23.8	25.1	25.3	23.3	24.6	23.6	24.9	25.2
3H	25.2	26.4	25.6	26.7	27.0	25.0	26.2	25.3	26.5	26.8
4H	25.9	27.0	26.3	27.3	27.6	25.7	26.8	26.1	27.1	27.4
6H	26.4	27.4	26.8	27.7	28.1	26.2	27.2	26.6	27.5	27.9
8H	26.6	27.5	27.0	27.8	28.2	26.4	27.3	26.8	27.7	28.0
12H	26.7	27.5	27.1	27.9	28.3	26.5	27.3	26.9	27.7	28.1
8H 4H	26.2	27.0	26.6	27.4	27.8	26.0	26.9	26.4	27.2	27.6
6H	26.8	27.5	27.3	28.0	28.4	26.7	27.4	27.1	27.8	28.2
8H	27.1	27.7	27.5	28.1	28.6	26.9	27.6	27.4	28.0	28.4
12H	27.2	27.8	27.7	28.2	28.7	27.1	27.6	27.6	28.1	28.6
12H 4H	26.2	27.0	26.6	27.4	27.8	26.0	26.8	26.4	27.2	27.6
6H	26.9	27.5	27.3	27.9	28.4	26.7	27.4	27.2	27.8	28.2
8H	27.1	27.7	27.6	28.1	28.6	27.0	27.6	27.5	28.0	28.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 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, 892.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
 Area: 0.018135 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

UTILIZATION FACTORS TABLE

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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

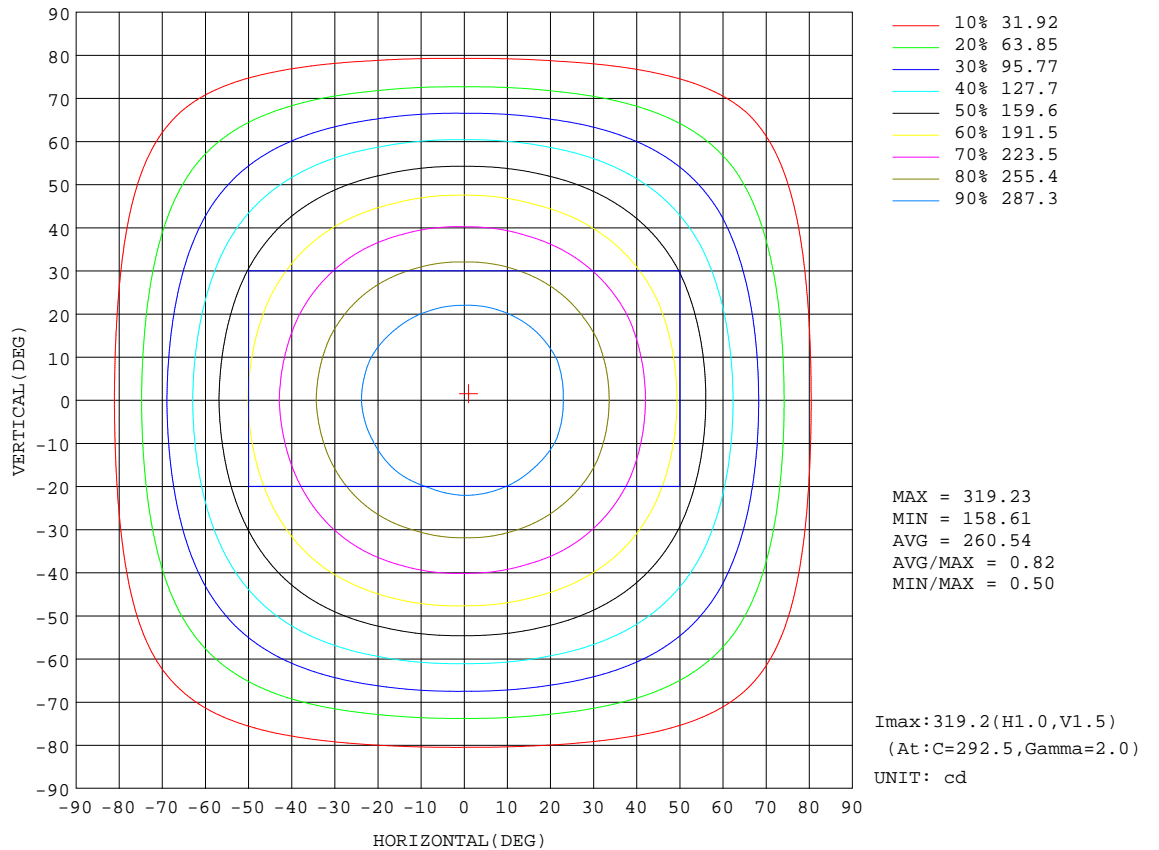
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	64	57	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	87	77	71	84	76	70	62
2.00	95	87	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:24.9DEG
 Operators:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

ISOCANDELA DIAGRAM

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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



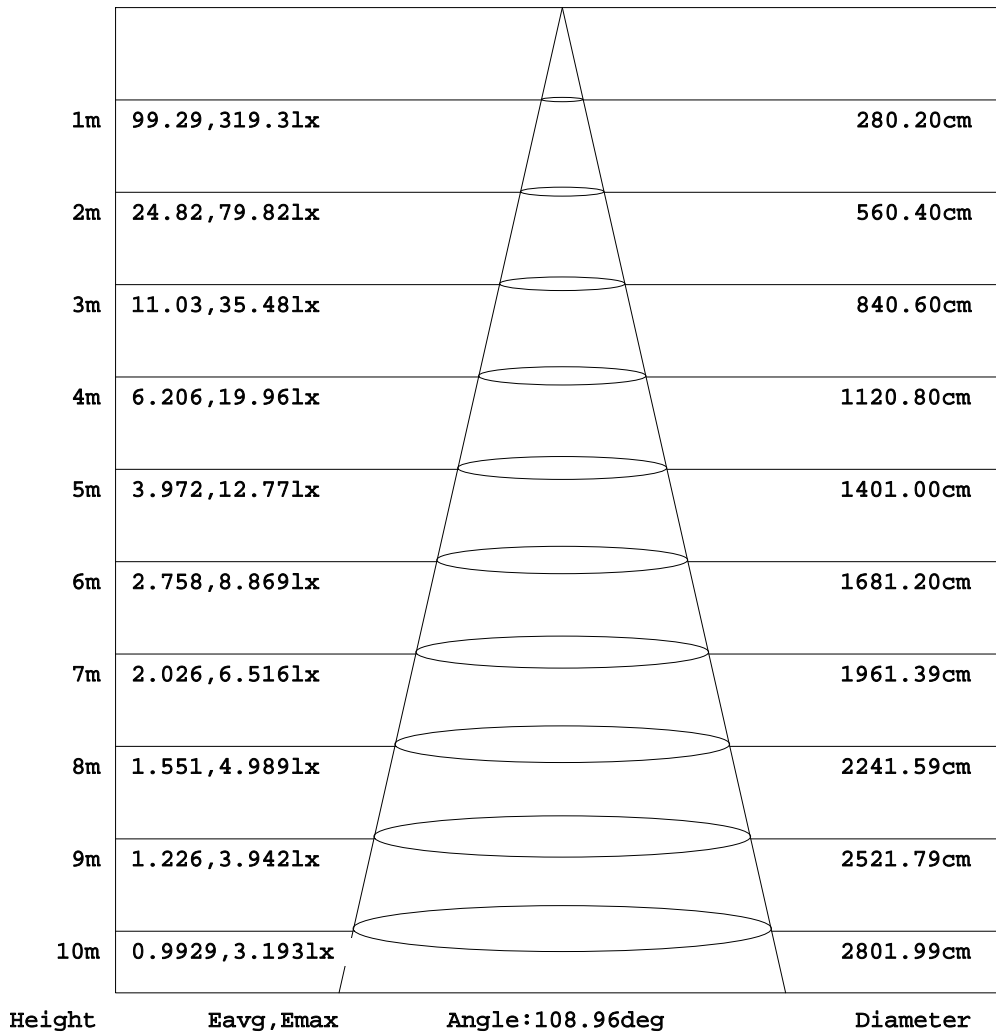
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Water
 Test Date: 2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 50%
 Test Distance: 2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

AAI Figure

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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

Flux out:636.2 lm



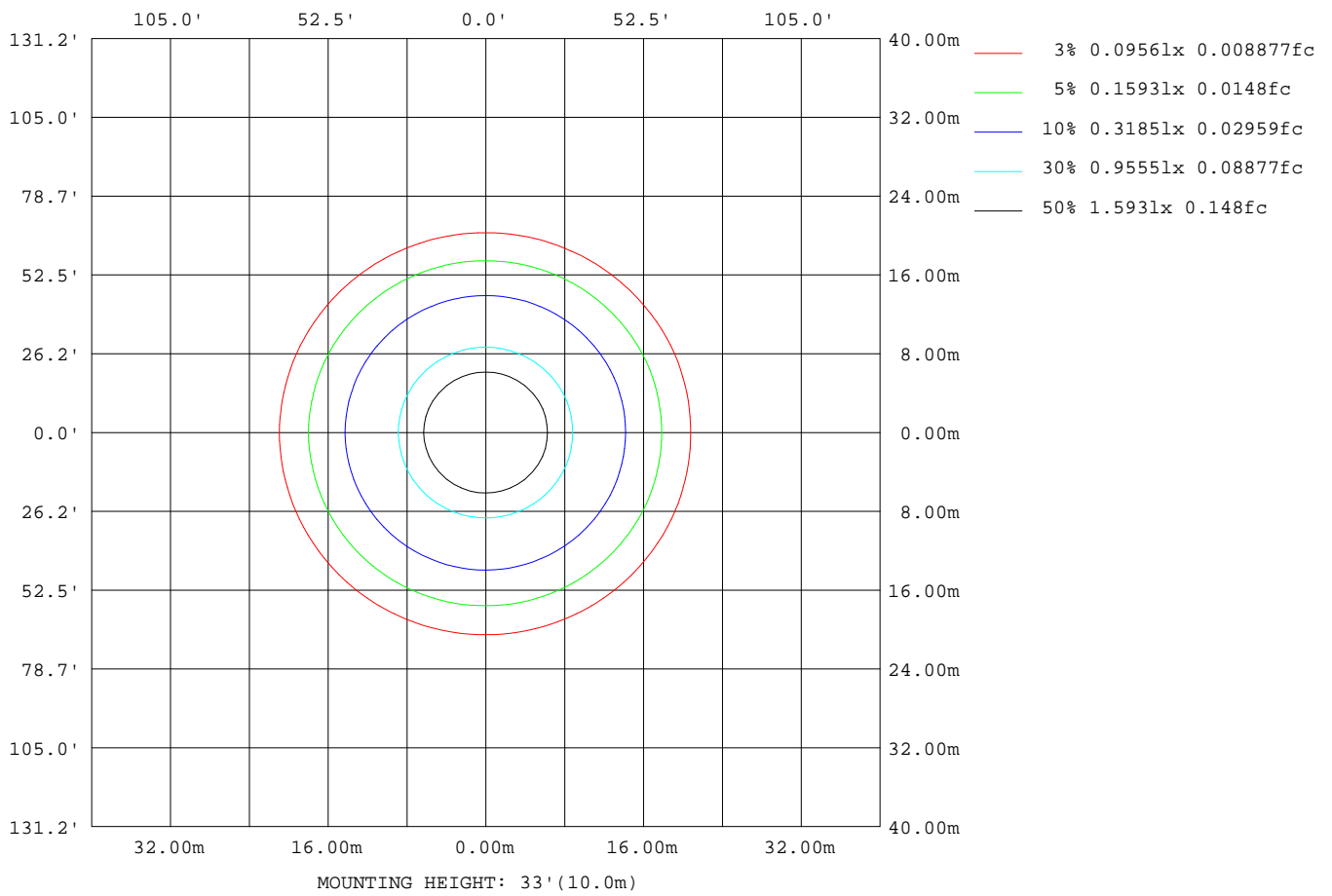
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Water
 Test Date: 2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 50%
 Test Distance: 2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

ISOLUX DIAGRAM

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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: Water
 Test Date: 2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 50%
 Test Distance: 2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

LED Avg.L Report

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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

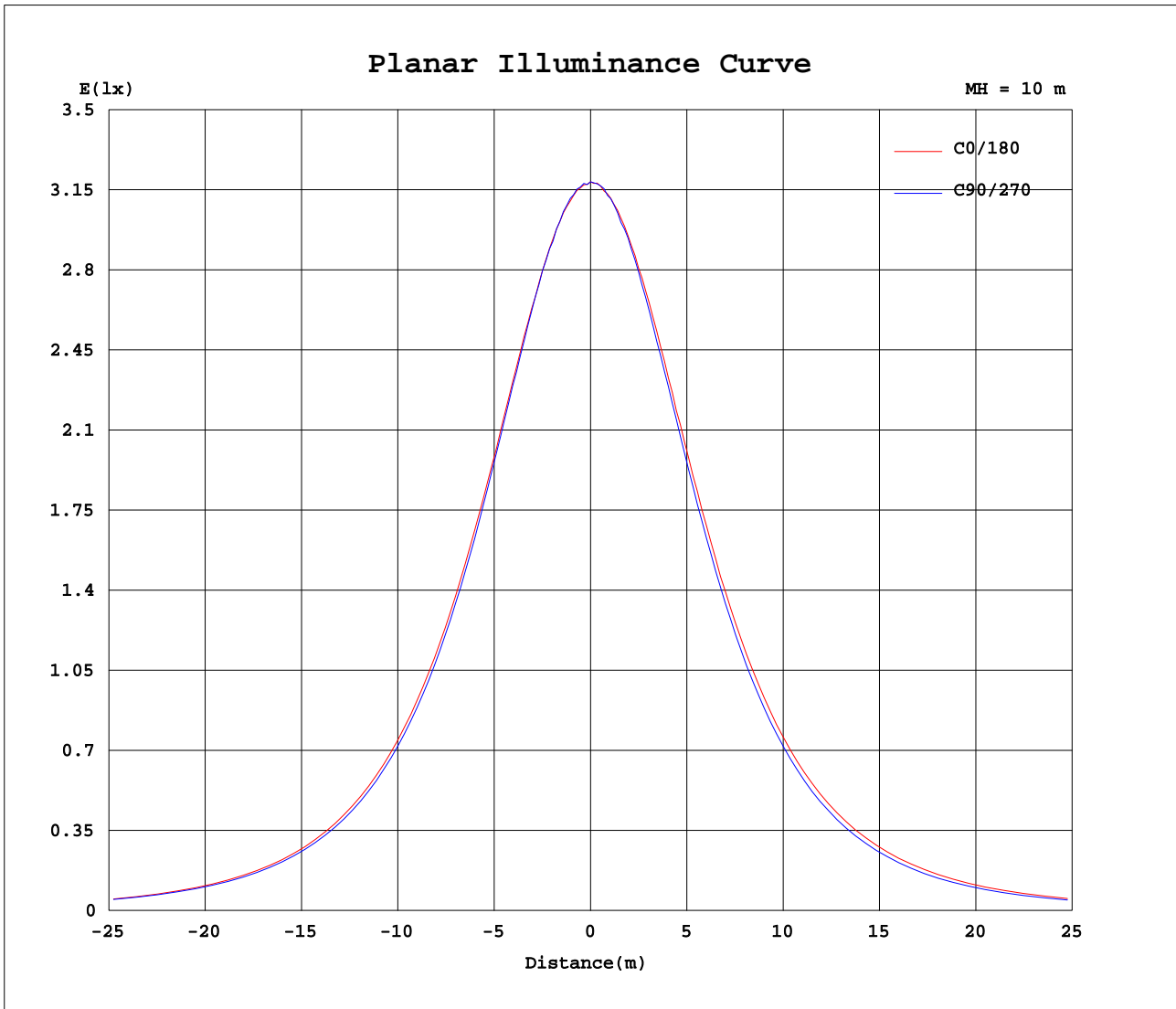
AvgL	cd/m2
L_0~180(65)av	15040
L_0~180(75)av	13033
L_0~180(85)av	9080
L_90~270(65)av	13844
L_90~270(75)av	11802
L_90~270(85)av	7382
L_45(65)av	14432
L_45(75)av	12390
L_45(85)av	8279

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Water
 Test Date:2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity:50%
 Test Distance:2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Water
 Test Date: 2023-09-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.446
 Humidity: 50%
 Test Distance: 2.513m [K=1.0000]
 Remarks: Model No: UCL-31B-24G

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.06V I:0.1087A P:12.470W PF:0.9555 Freq:60.00Hz Lamp Flux:892.523x1 lm		
NAME: ASD-UCS-24D12CC	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	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319	319			
5	316	317	317	317	316	316	316	317	317	317	317	317	316	316	317	317			
10	312	312	312	312	312	311	311	312	313	313	313	312	312	311	313	313			
15	304	305	304	303	304	303	304	306	307	306	305	304	303	303	304	306			
20	294	295	294	292	292	292	293	295	297	297	295	293	292	292	294	296			
25	282	282	280	279	278	278	280	283	285	284	282	279	278	279	280	283			
30	267	267	265	263	262	262	265	268	270	269	267	264	263	263	265	269			
35	250	250	247	245	244	245	248	251	254	253	250	246	244	244	247	251			
40	232	231	228	225	224	225	229	232	235	233	230	226	224	225	228	232			
45	211	210	207	204	203	205	208	212	214	213	209	205	203	203	206	211			
50	189	188	185	182	181	182	186	189	192	190	186	182	180	181	184	189			
55	165	164	161	159	158	159	163	166	169	166	162	158	156	157	160	164			
60	140	139	137	134	133	135	138	141	144	142	136	132	130	131	135	139			
65	114	114	111	109	108	110	113	115	117	114	110	106	104	105	109	113			
70	86.3	86.9	85.5	83.4	82.9	83.9	86.3	88.3	89.9	87.3	83.1	79.2	77.6	78.6	82.2	86.3			
75	59.5	60.2	59.6	58.1	58.7	58.7	60.2	61.2	62.9	60.5	56.8	53.4	52.0	53.0	56.0	59.6			
80	33.9	35.1	35.0	34.4	34.1	34.6	35.5	35.9	37.2	35.2	32.2	29.7	28.6	29.3	31.6	34.5			
85	13.1	14.1	14.4	14.3	14.2	14.4	14.6	14.6	15.6	14.2	11.9	10.1	9.16	9.55	11.4	13.7			
90	0.06	0.06	0.05	0.04	0.04	0.04	0.05	0.10	0.50	0.13	0.02	0.01	0.01	0.01	0.01	0.05			
95	0.07	0.08	0.09	0.05	0.05	0.05	0.09	0.08	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
100	0.08	0.08	0.09	0.08	0.08	0.08	0.09	0.08	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
105	0.08	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04			
110	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
115	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
120	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.08			
125	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09			
130	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.19	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11			
135	0.23	0.23	0.24	0.24	0.25	0.25	0.24	0.22	0.13	0.14	0.13	0.13	0.13	0.13	0.13	0.13			
140	0.29	0.30	0.32	0.31	0.32	0.32	0.31	0.29	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15			
145	0.36	0.38	0.40	0.41	0.41	0.41	0.39	0.36	0.17	0.17	0.18	0.18	0.18	0.18	0.17	0.18			
150	0.41	0.45	0.47	0.47	0.48	0.47	0.45	0.42	0.18	0.18	0.20	0.20	0.20	0.20	0.19	0.20			
155	0.48	0.51	0.52	0.53	0.54	0.53	0.51	0.49	0.21	0.21	0.23	0.23	0.22	0.22	0.22	0.24			
160	0.52	0.54	0.55	0.57	0.56	0.56	0.54	0.53	0.26	0.25	0.26	0.26	0.26	0.25	0.25	0.27			
165	0.52	0.53	0.54	0.56	0.56	0.55	0.54	0.52	0.29	0.28	0.27	0.28	0.27	0.27	0.27	0.29			
170	0.49	0.50	0.51	0.51	0.51	0.50	0.50	0.50	0.32	0.32	0.30	0.30	0.29	0.28	0.29	0.31			
175	0.47	0.47	0.48	0.46	0.45	0.45	0.47	0.47	0.36	0.36	0.36	0.34	0.33	0.32	0.33	0.35			
180	0.42	0.41	0.40	0.39	0.38	0.39	0.40	0.42	0.42	0.42	0.41	0.40	0.39	0.38	0.39	0.41			

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