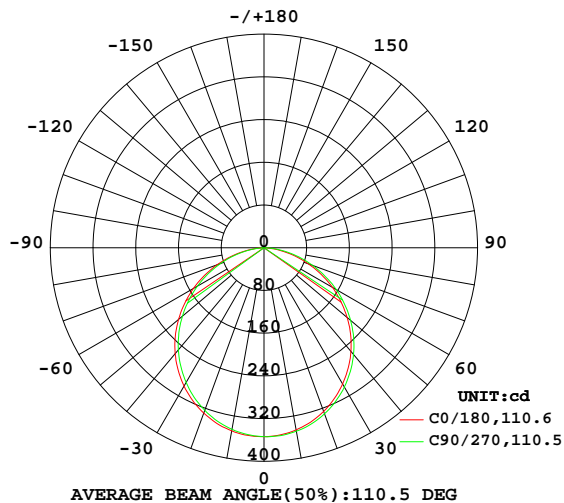


LUMINAIRE PHOTOMETRIC TEST REPORT

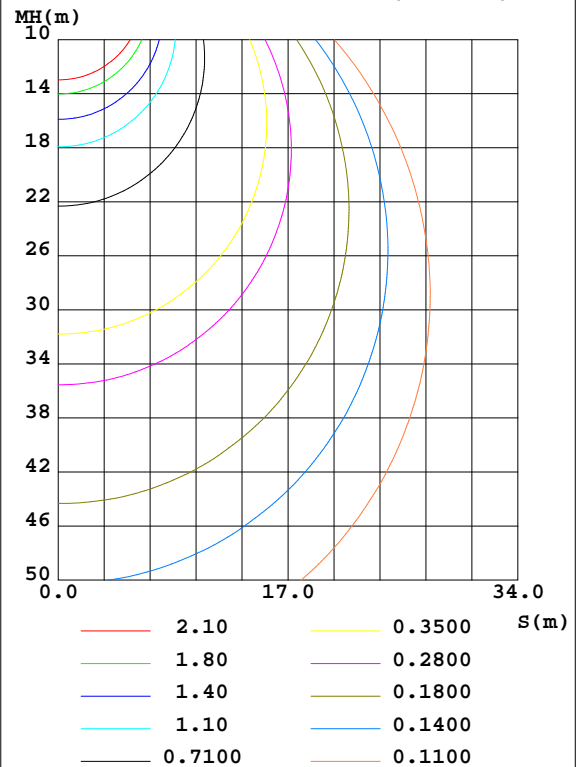
Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.25 lm/W			
MODEL	4328-1BN-3K	Imax(cd)	354.0	S/MH(C0/180)	1.24
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	988.99	η UP,DN(C0-180)	0.1,49.1
NOMINAL FLUX(lm)	988.995	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.8
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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:48%
 Test Distance:2.503m [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	348.2	346.8	345.3	345.6	346.4	348.4	348.9	349.2	0- 10	33.46	33.46	3.38,3.38
20	329.6	326.9	324.0	324.6	326.3	329.7	331.1	331.5	10- 20	95.69	129.2	13.1,13.1
30	299.4	295.3	291.3	292.1	294.5	298.8	301.3	301.6	20- 30	144.5	273.7	27.7,27.7
40	258.8	254.2	249.7	250.4	253.3	258.2	260.9	261.7	30- 40	173.5	447.2	45.2,45.2
50	208.9	205.5	199.4	201.5	203.2	209.8	211.7	213.6	40- 50	179.1	626.3	63.3,63.3
60	152.6	149.0	144.0	145.4	147.9	153.8	156.2	157.5	50- 60	160.3	786.5	79.5,79.5
70	93.49	89.16	86.68	86.77	88.77	93.52	97.09	96.26	60- 70	120.0	906.5	91.7,91.7
80	36.90	32.91	32.28	30.80	33.04	36.54	40.81	38.76	70- 80	66.30	972.8	98.4,98.4
90	0.1723	0.0595	0.0589	0.0594	0.0175	0.0163	0.0171	0.0697	80- 90	15.12	987.9	99.9,99.9
100	0.0839	0.0910	0.0903	0.0935	0.0345	0.0363	0.0326	0.0363	90-100	0.0553	988.0	99.9,99.9
110	0.1018	0.1064	0.1093	0.1084	0.0584	0.0569	0.0556	0.0565	100-110	0.0759	988.1	99.9,99.9
120	0.1343	0.1371	0.1393	0.1385	0.0930	0.0822	0.0816	0.0829	110-120	0.0939	988.2	99.9,99.9
130	0.1999	0.2069	0.2132	0.2096	0.1310	0.1214	0.1161	0.1215	120-130	0.1214	988.3	99.9,99.9
140	0.3156	0.3448	0.3457	0.3381	0.1708	0.1677	0.1642	0.1688	130-140	0.1580	988.5	99.9,99.9
150	0.4584	0.5117	0.5164	0.5006	0.2086	0.2074	0.2127	0.2119	140-150	0.1914	988.6	100,100
160	0.5801	0.5994	0.6060	0.6125	0.2779	0.2799	0.2631	0.2627	150-160	0.1841	988.8	100,100
170	0.5364	0.5378	0.5451	0.5527	0.3310	0.3168	0.3032	0.3077	160-170	0.1244	989.0	100,100
180	0.4571	0.4266	0.4081	0.4396	0.4563	0.4398	0.4111	0.4208	170-180	0.0409	989.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 537.56 lm

%lum = 54.4%

%lamp = 54.4%

Conical surface Flux(120deg): 786.51 lm

%lum = 79.5%

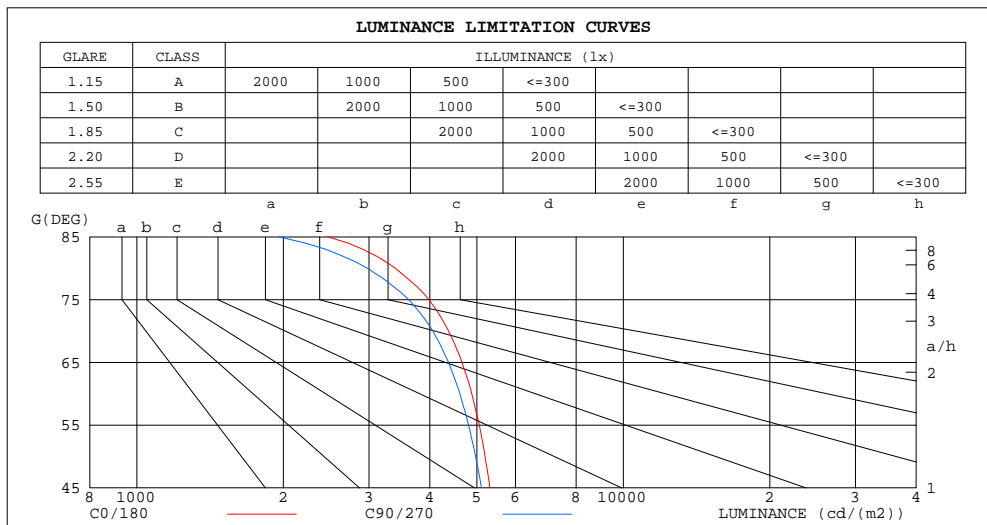
%lamp = 79.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:48%
 Test Distance:2.503m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2468	1958
80	3398	2976
75	3983	3620
70	4371	4058
65	4659	4372
60	4882	4613
55	5057	4808
50	5196	4968
45	5316	5107

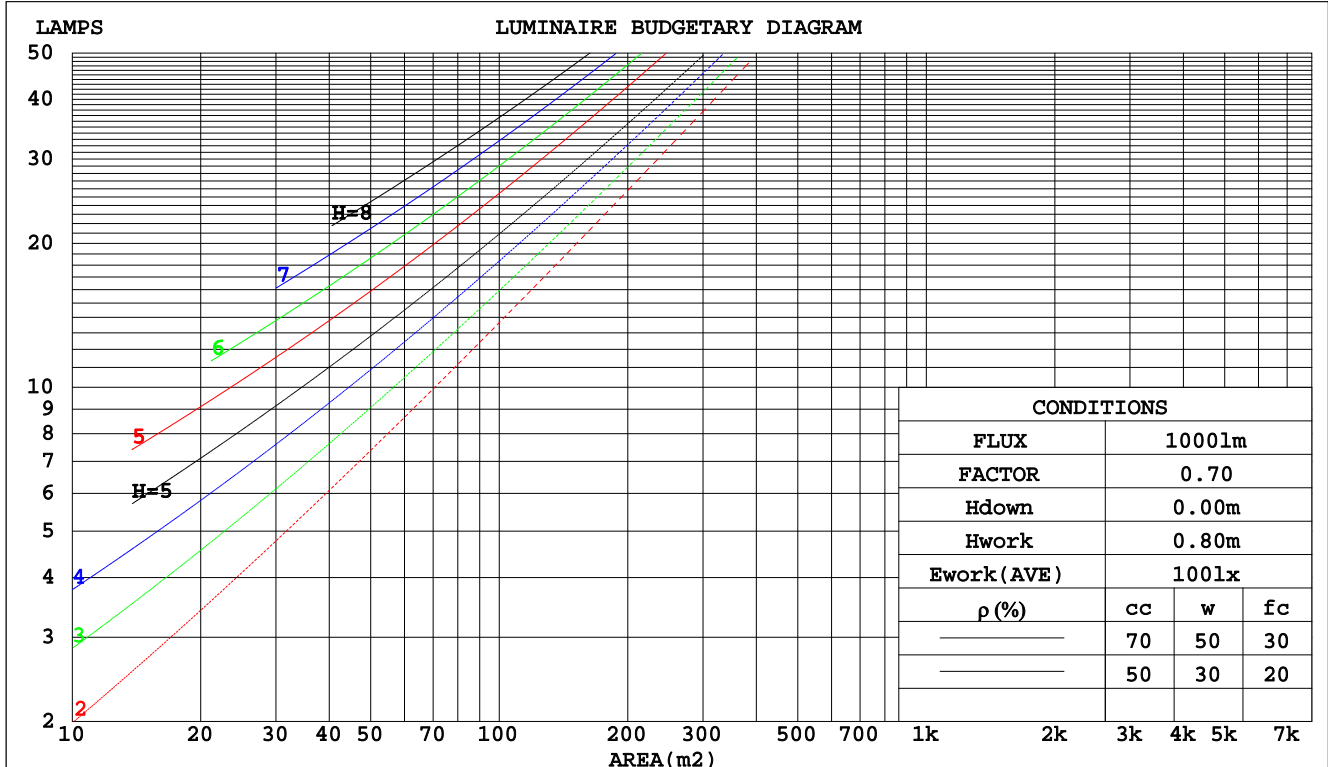
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Ben
Test Date: 2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 48%
Test Distance: 2.503m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	.95	.98	.94	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.78	.89	.83	.77	.85	.80	.76	.82	.78	.74	.79	.75	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.50
5.0	.63	.54	.47	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.46	.40	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:48%
 Test Distance:2.503m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm					
NAME: LED ceiling light			TYPE:N/A		WEIGHT:N/A
SPEC.:N/A			DIM.: N/A		SERIAL No.:N/A
MFR.:			SUR.:N/A		Shielding Angle:N/A

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.304	.173	.055	.297	.169	.054	.284	.163	.052	.271	.157	.050	.260	.151	.049		
2.0	.288	.158	.048	.282	.155	.048	.270	.150	.047	.259	.145	.046	.249	.141	.044		
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.242	.133	.041	.233	.129	.040		
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.229	.117	.034	.225	.115	.034	.216	.113	.033	.209	.110	.033	.202	.108	.032		
6.0	.212	.106	.030	.209	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027		
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.165	.085	.025		
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023		
10.0	.163	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.147	.074	.021		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.136	.155	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.075	.141	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.059	.135	.088	.052	.093	.061	.036	.054	.036	.022	.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	.129	.070	.030	.111	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.123	.065	.026	.106	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.023	.101	.053	.020	.070	.037	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:48%
Test Distance:2.503m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm										
NAME: LED ceiling light					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.:					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	18.5	20.0	18.7	20.2	20.4	18.3	19.8	18.5	20.0	20.2
	3H	19.9	21.3	20.2	21.6	21.8	19.7	21.1	20.0	21.3
	4H	20.5	21.8	20.8	22.1	22.3	20.2	21.5	20.5	21.8
	6H	20.9	22.1	21.2	22.4	22.7	20.5	21.8	20.9	22.1
	8H	21.0	22.2	21.3	22.5	22.8	20.6	21.8	20.9	22.1
	12H	21.0	22.2	21.4	22.5	22.8	20.6	21.8	21.0	22.1
4H	2H	19.0	20.4	19.4	20.6	20.9	18.9	20.2	19.2	20.5
	3H	20.7	21.8	21.0	22.1	22.4	20.5	21.6	20.8	21.9
	4H	21.4	22.4	21.7	22.7	23.1	21.1	22.2	21.5	22.5
	6H	21.8	22.8	22.2	23.1	23.5	21.5	22.5	21.9	22.8
	8H	22.0	22.9	22.4	23.2	23.6	21.7	22.5	22.1	22.9
	12H	22.1	22.9	22.5	23.3	23.7	21.7	22.5	22.1	22.9
8H	4H	21.6	22.4	22.0	22.8	23.2	21.3	22.2	21.8	22.6
	6H	22.2	22.9	22.6	23.3	23.7	21.9	22.6	22.3	23.0
	8H	22.4	23.0	22.8	23.5	23.9	22.1	22.7	22.5	23.1
	12H	22.5	23.1	23.0	23.5	24.0	22.2	22.7	22.6	23.2
12H	4H	21.6	22.4	22.0	22.8	23.2	21.3	22.1	21.8	22.5
	6H	22.2	22.8	22.7	23.3	23.7	21.9	22.6	22.4	23.0
	8H	22.4	23.0	22.9	23.4	23.9	22.1	22.7	22.6	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 989.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:48%
Test Distance:2.503m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

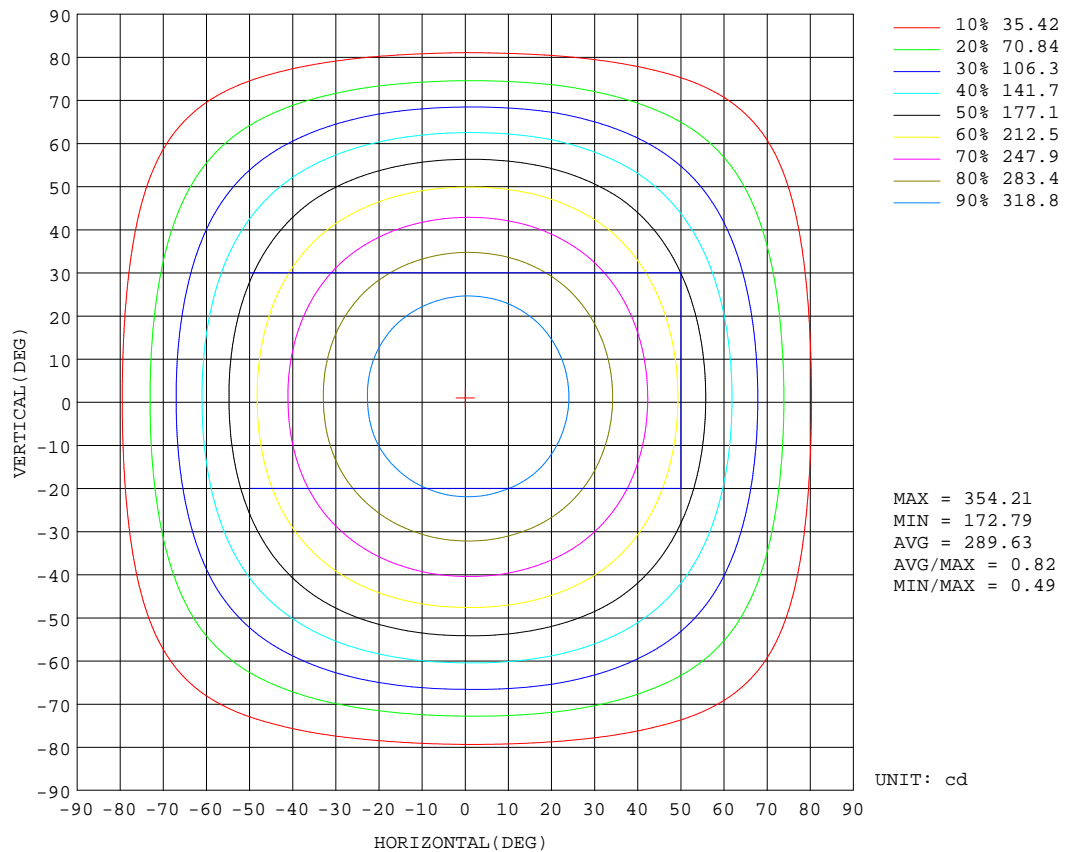
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	39	57	46	39	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	66	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	86	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	79
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	99	102	99	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:48%
Test Distance:2.503m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

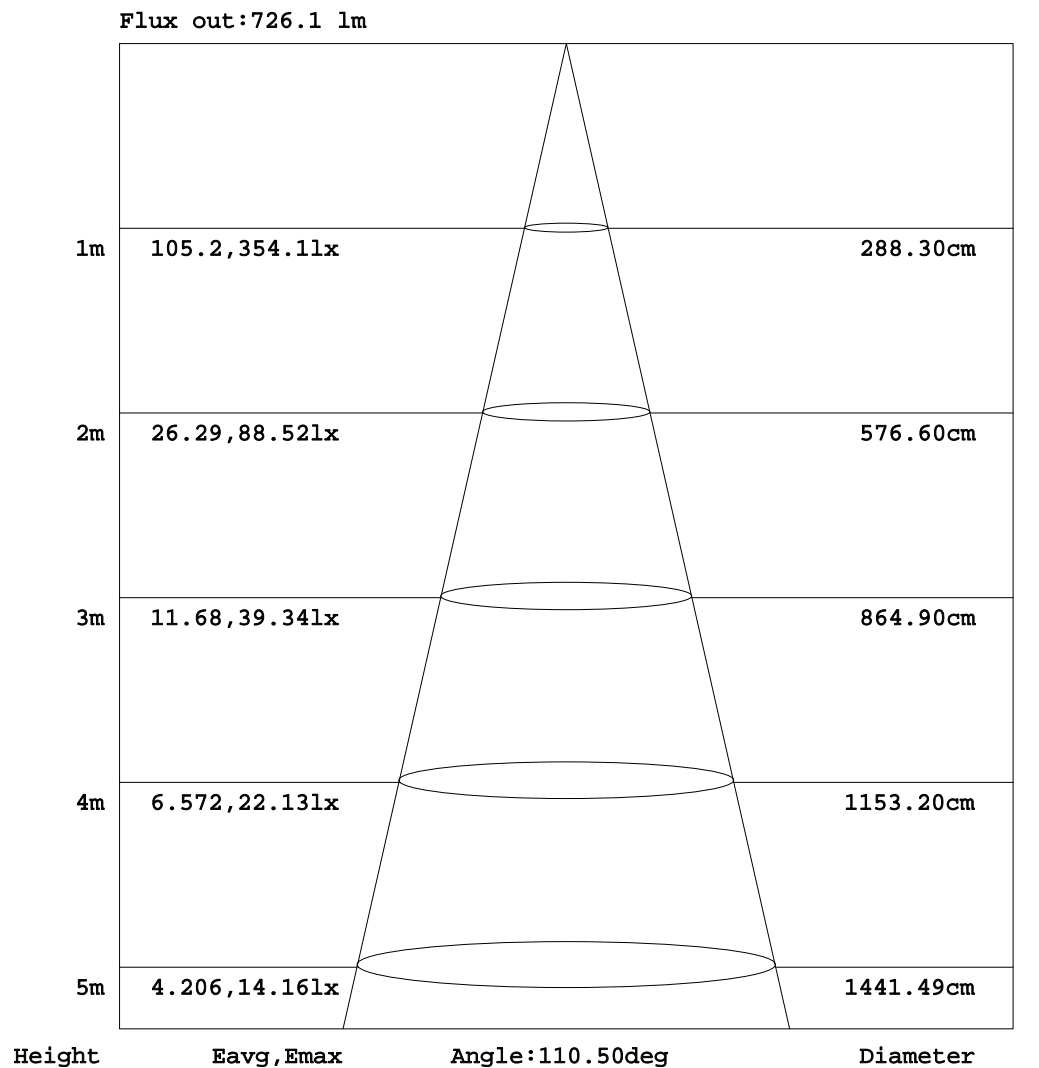


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:48%
 Test Distance:2.503m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



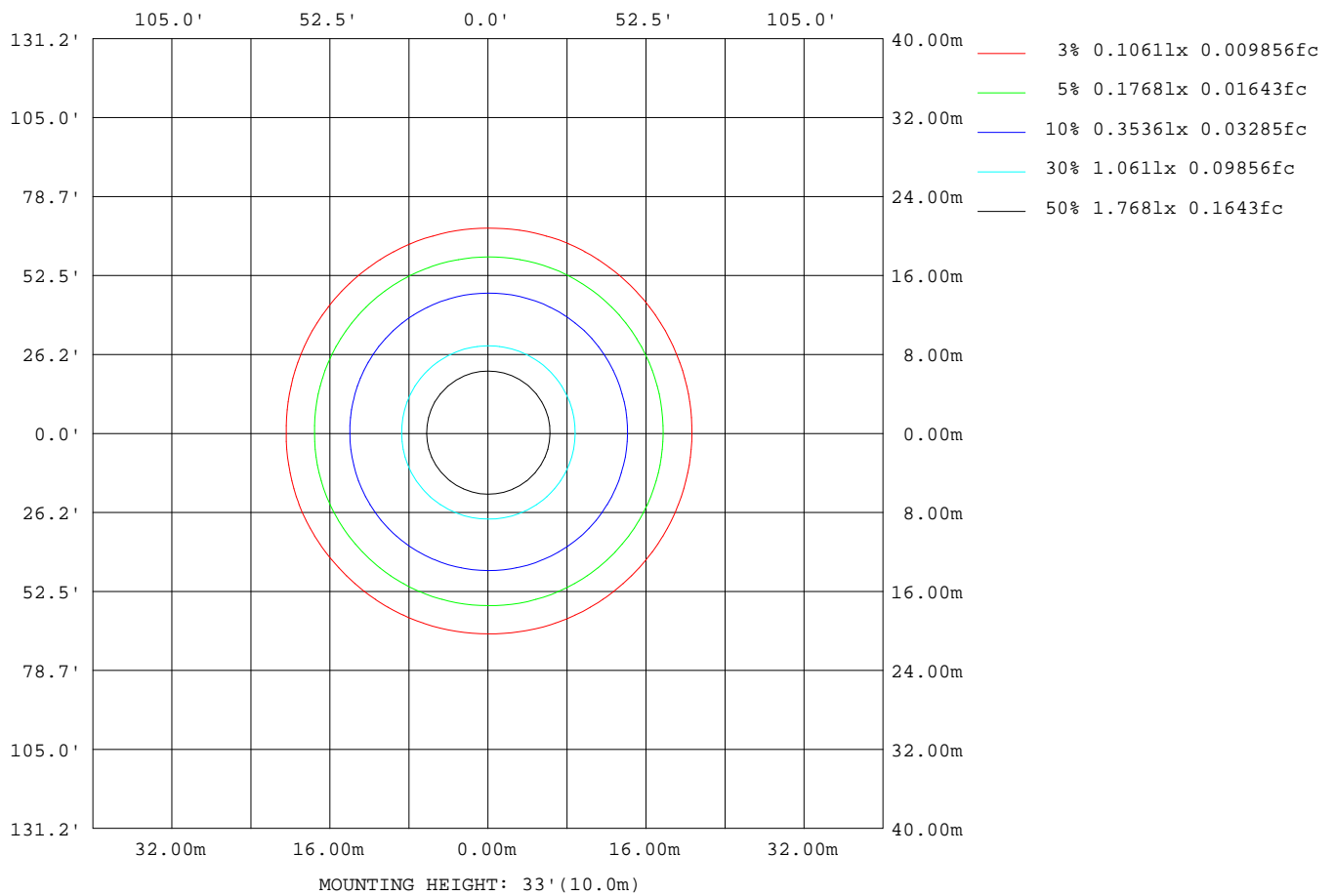
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:48%
 Test Distance:2.503m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:48%
Test Distance:2.503m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

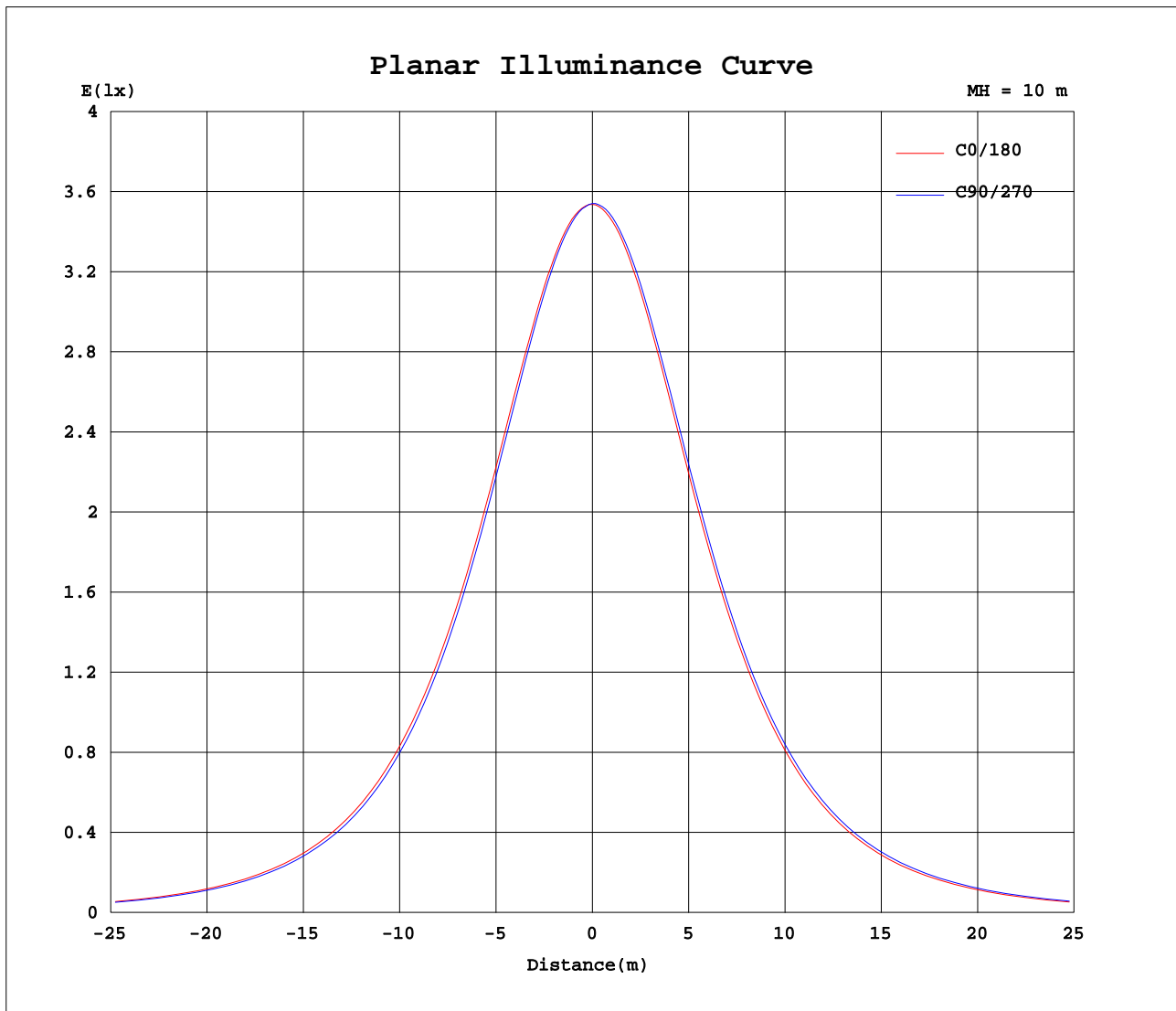
AvgL	cd/m2
L_0~180(65)av	4566
L_0~180(75)av	3844
L_0~180(85)av	2196
L_90~270(65)av	4574
L_90~270(75)av	3919
L_90~270(85)av	2555
L_45(65)av	4589
L_45(75)av	3842
L_45(85)av	2197

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:48%
Test Distance:2.503m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Ben
Test Date: 2021-01-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 48%
Test Distance: 2.503m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1251A P:13.88W PF:0.9244 Lamp Flux:988.995x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	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	354	354	354	354	354	354	354	354	354	354	354	354	354	354	354	354			
5	353	352	352	352	351	351	352	352	352	352	352	353	353	353	353	353			
10	348	347	347	346	345	345	346	346	346	347	348	349	349	349	349	349			
15	341	339	338	337	336	336	337	338	338	339	340	341	342	342	342	341			
20	330	328	327	325	324	324	325	326	326	328	330	331	331	331	331	330			
25	316	314	312	310	309	309	310	311	312	314	315	317	317	318	318	317			
30	299	297	295	293	291	291	292	293	295	297	299	300	301	302	302	300			
35	280	278	276	274	272	271	272	274	275	277	279	281	282	283	283	281			
40	259	256	254	252	250	249	250	252	253	256	258	260	261	262	262	260			
45	235	233	231	228	226	226	227	228	229	232	235	236	237	239	239	237			
50	209	207	205	202	199	200	201	203	203	207	210	211	212	213	214	211			
55	181	180	178	175	172	173	174	175	176	179	183	184	184	186	187	183			
60	153	151	149	147	144	144	145	147	148	151	154	155	156	158	157	155			
65	123	121	119	118	115	116	116	118	118	121	123	126	126	128	126	124			
70	93.5	91.6	89.2	88.8	86.7	86.5	86.8	88.8	88.8	91.8	93.5	96.3	97.1	98.3	96.3	94.7			
75	64.5	62.2	60.0	59.8	58.5	57.8	57.8	59.4	59.9	62.1	64.2	67.1	68.3	68.7	66.6	65.4			
80	36.9	34.5	32.9	32.7	32.3	31.3	30.8	31.9	33.0	34.5	36.5	39.4	40.8	40.5	38.8	37.5			
85	13.4	11.7	10.6	10.5	10.7	9.45	8.87	9.39	10.5	11.6	13.3	15.6	17.2	16.5	15.1	14.1			
90	0.17	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.07	0.16		
95	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.07	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02			
100	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.03			
105	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.04		
110	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
115	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
120	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08			
125	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10			
130	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12			
135	0.25	0.26	0.26	0.27	0.27	0.27	0.26	0.26	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.15			
140	0.32	0.33	0.34	0.35	0.35	0.35	0.34	0.32	0.17	0.16	0.17	0.16	0.16	0.16	0.17	0.17			
145	0.39	0.42	0.44	0.45	0.45	0.44	0.43	0.40	0.19	0.18	0.19	0.20	0.19	0.19	0.19	0.19			
150	0.46	0.49	0.51	0.52	0.52	0.52	0.50	0.48	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.22			
155	0.53	0.56	0.57	0.57	0.58	0.57	0.57	0.54	0.24	0.23	0.24	0.24	0.24	0.24	0.24	0.26			
160	0.58	0.59	0.60	0.62	0.61	0.61	0.61	0.58	0.28	0.28	0.28	0.26	0.26	0.26	0.26	0.29			
165	0.57	0.58	0.59	0.60	0.60	0.60	0.60	0.58	0.31	0.30	0.29	0.30	0.28	0.28	0.29	0.32			
170	0.54	0.54	0.54	0.54	0.55	0.54	0.55	0.55	0.33	0.33	0.32	0.31	0.30	0.30	0.31	0.33			
175	0.52	0.50	0.50	0.49	0.48	0.49	0.50	0.51	0.38	0.38	0.37	0.36	0.35	0.33	0.36	0.38			
180	0.46	0.44	0.43	0.41	0.41	0.42	0.44	0.45	0.46	0.46	0.44	0.43	0.41	0.42	0.42	0.44			

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