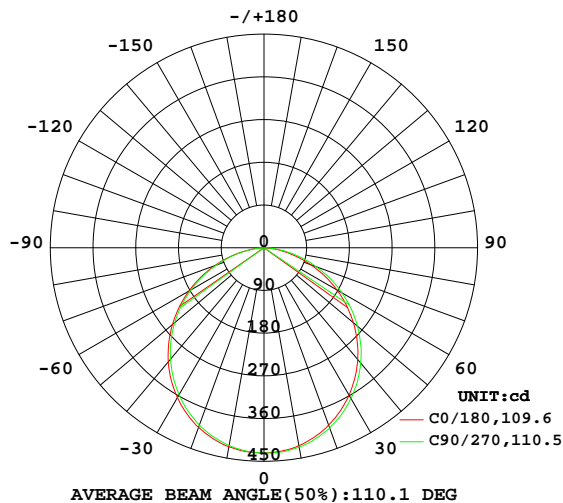


LUMINAIRE PHOTOMETRIC TEST REPORT

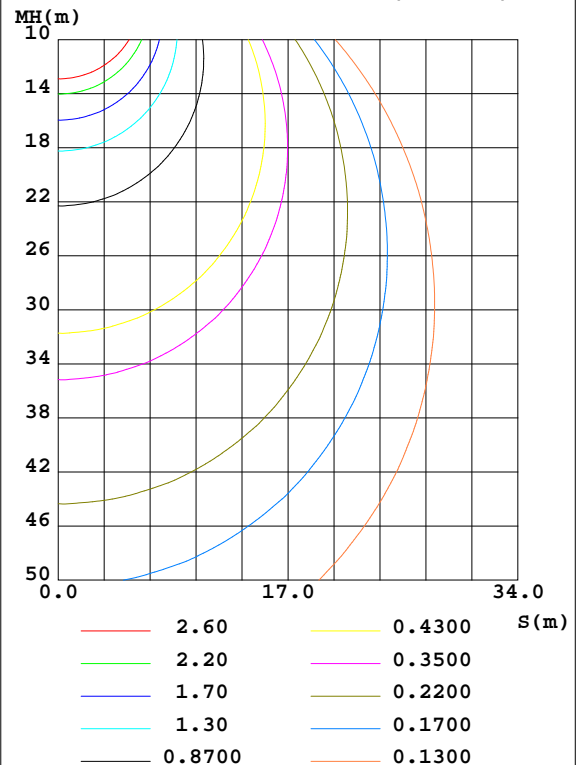
Test:U:120.0V I:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 lm		
NAME: LED ceiling light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.:	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 59.66 lm/W			
MODEL	4329-1BN-3K	Imax(cd)	432.8	S/MH(C0/180)	1.24
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1199.7	η UP,DN(C0-180)	0.1,49.3
NOMINAL FLUX(lm)	1199.72	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,50.6
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	425.6	424.5	423.1	422.8	423.4	425.6	426.6	426.9	0- 10	40.92	40.92	3.41,3.41
20	402.7	400.4	397.6	397.0	397.8	401.1	404.3	404.8	10- 20	117.0	157.9	13.2,13.2
30	364.7	361.3	357.5	356.7	358.3	363.1	366.4	367.6	20- 30	176.5	334.4	27.9,27.9
40	313.6	310.9	306.6	305.4	307.2	313.0	316.7	317.8	30- 40	211.5	545.9	45.5,45.5
50	251.7	250.1	245.6	245.3	245.8	253.2	257.0	257.5	40- 50	217.6	763.5	63.6,63.6
60	182.9	180.6	177.5	176.4	177.4	185.2	189.5	188.5	50- 60	194.1	957.7	79.8,79.8
70	110.5	107.4	106.4	103.8	105.0	111.9	117.3	114.5	60- 70	144.8	1102	91.9,91.9
80	41.47	38.34	39.00	35.65	37.89	42.80	48.72	44.88	70- 80	78.70	1181	98.5,98.5
90	0.1351	0.0725	0.0740	0.0725	0.0218	0.0227	0.0231	0.1204	80- 90	17.29	1198	99.9,99.9
100	0.1025	0.1135	0.1148	0.1119	0.0423	0.0456	0.0403	0.0428	90-100	0.0688	1199	99.9,99.9
110	0.1228	0.1330	0.1375	0.1333	0.0719	0.0755	0.0739	0.0705	100-110	0.0944	1199	99.9,99.9
120	0.1634	0.1701	0.1752	0.1699	0.1115	0.1079	0.1063	0.1042	110-120	0.1181	1199	99.9,99.9
130	0.2467	0.2547	0.2618	0.2576	0.1614	0.1571	0.1472	0.1529	120-130	0.1512	1199	99.9,99.9
140	0.3865	0.4226	0.4251	0.4172	0.2111	0.2018	0.2013	0.2119	130-140	0.1952	1199	99.9,99.9
150	0.5626	0.6244	0.6344	0.6103	0.2559	0.2519	0.2599	0.2565	140-150	0.2364	1199	100,100
160	0.7088	0.7315	0.7361	0.7461	0.3396	0.3383	0.3240	0.3185	150-160	0.2258	1200	100,100
170	0.6513	0.6674	0.6738	0.6761	0.4083	0.3839	0.3748	0.3728	160-170	0.1521	1200	100,100
180	0.5504	0.5214	0.4884	0.5255	0.5521	0.5361	0.5017	0.5107	170-180	0.0500	1200	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 655.83 lm

%lum = 54.7%

%lamp = 54.7%

Conical surface Flux(120deg): 957.67 lm

%lum = 79.8%

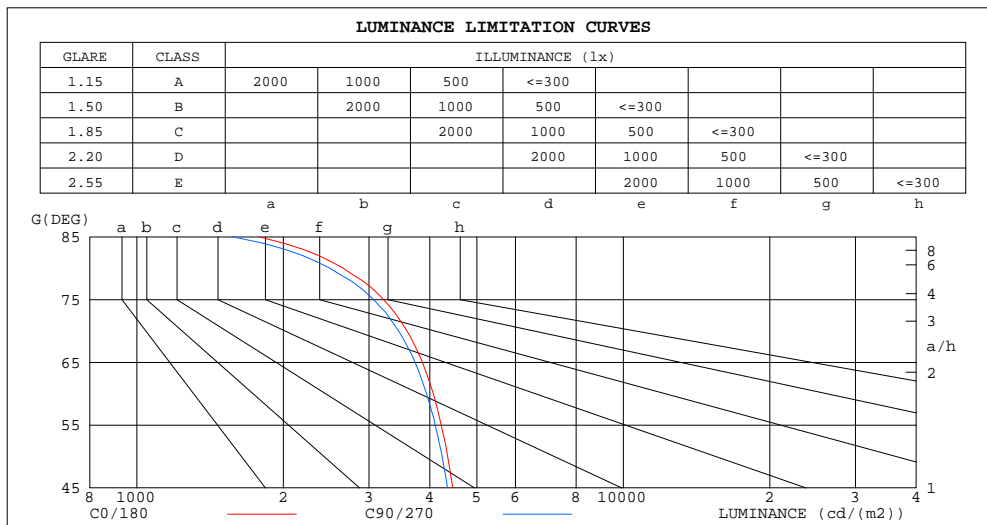
%lamp = 79.8%

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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	1783	1576
80	2655	2492
75	3215	3068
70	3592	3453
65	3865	3731
60	4067	3940
55	4223	4104
50	4353	4241
45	4462	4350

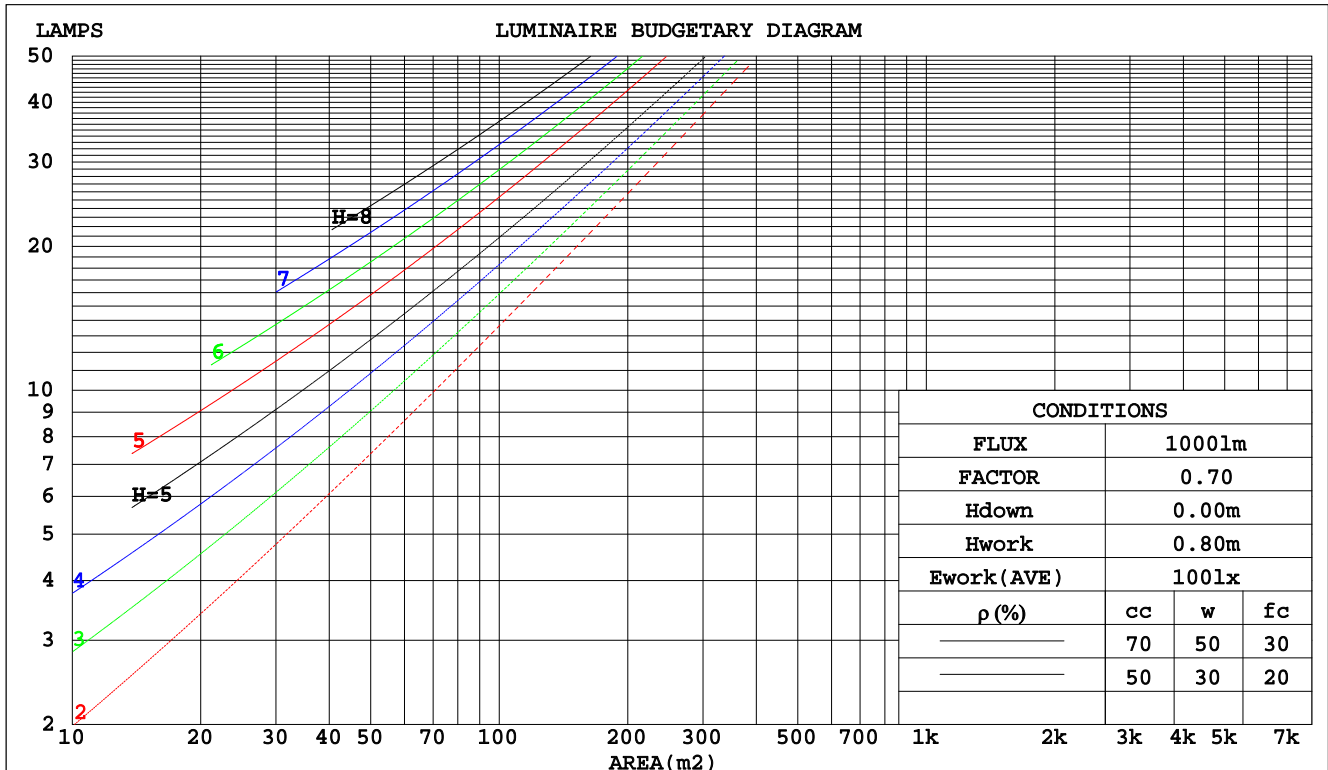
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-06

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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	1.00	.96	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.85	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.64	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.53	.51
5.0	.63	.54	.48	.62	.54	.47	.60	.53	.47	.58	.51	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.43	.37	.32	.30
9.0	.43	.35	.30	.43	.35	.29	.42	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.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:

WEC AND CCEC

Test:U:120.0V I:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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	.302	.172	.054	.295	.168	.053	.282	.162	.052	.269	.155	.050	.258	.150	.048	
2.0	.287	.157	.048	.280	.154	.048	.269	.149	.046	.258	.145	.045	.248	.140	.044	
3.0	.266	.142	.042	.261	.140	.042	.250	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.246	.128	.038	.242	.126	.037	.232	.123	.037	.224	.120	.036	.216	.117	.036	
5.0	.228	.116	.034	.224	.115	.033	.216	.112	.033	.208	.110	.033	.201	.107	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.188	.095	.027	.181	.093	.027	.176	.091	.027	
8.0	.185	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.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	.172	.133	.099	.148	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.165	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.135	.088	.052	.093	.061	.036	.054	.036	.022	.017	.012	.007	
5.0	.150	.091	.048	.128	.079	.042	.089	.055	.030	.051	.032	.018	.017	.011	.006	
6.0	.143	.083	.040	.122	.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	.014	.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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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		17.8	19.4	18.1	19.6	19.8	17.7	19.3	18.0	19.5	19.7
	3H	19.3	20.7	19.6	20.9	21.1	19.2	20.5	19.5	20.8	21.0
	4H	19.8	21.1	20.1	21.4	21.6	19.7	21.0	20.0	21.2	21.5
	6H	20.2	21.4	20.5	21.7	22.0	20.0	21.2	20.3	21.5	21.8
	8H	20.2	21.4	20.6	21.7	22.0	20.1	21.3	20.4	21.5	21.8
	12H	20.3	21.4	20.6	21.7	22.0	20.1	21.2	20.4	21.5	21.8
4H	2H	18.4	19.7	18.7	20.0	20.2	18.3	19.7	18.7	19.9	20.2
	3H	20.0	21.2	20.4	21.5	21.8	19.9	21.1	20.3	21.4	21.7
	4H	20.7	21.7	21.0	22.0	22.4	20.5	21.6	20.9	21.9	22.3
	6H	21.1	22.0	21.5	22.4	22.8	21.0	21.9	21.4	22.3	22.6
	8H	21.2	22.1	21.6	22.5	22.9	21.1	21.9	21.5	22.3	22.7
	12H	21.3	22.1	21.7	22.5	22.9	21.1	21.9	21.5	22.3	22.7
8H	4H	20.9	21.7	21.3	22.1	22.5	20.8	21.6	21.2	22.0	22.4
	6H	21.4	22.2	21.9	22.6	23.0	21.3	22.0	21.7	22.4	22.9
	8H	21.6	22.2	22.1	22.7	23.1	21.5	22.1	21.9	22.5	23.0
	12H	21.7	22.3	22.2	22.7	23.2	21.5	22.1	22.0	22.5	23.0
12H	4H	20.9	21.7	21.3	22.1	22.5	20.8	21.6	21.2	22.0	22.4
	6H	21.5	22.1	21.9	22.5	23.0	21.3	22.0	21.8	22.4	22.8
	8H	21.7	22.2	22.1	22.7	23.1	21.5	22.1	22.0	22.5	23.0
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 1200 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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

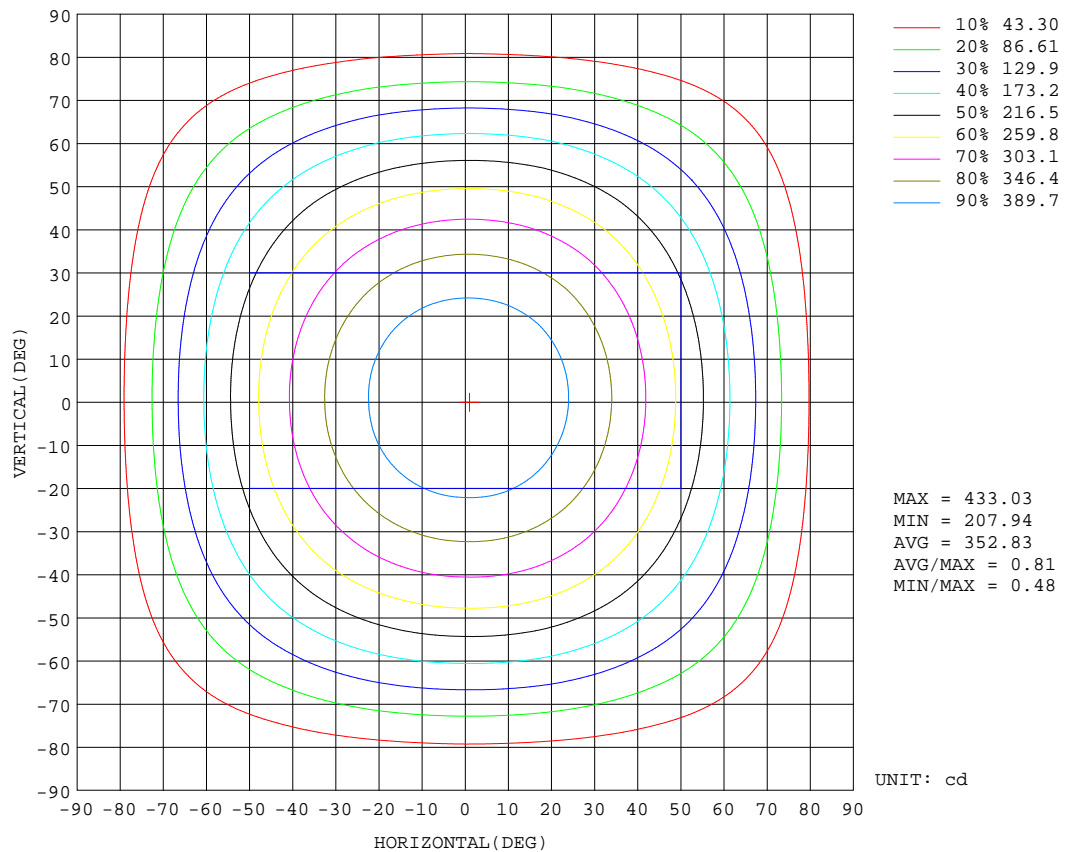
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	58	46	40	57	46	39	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	57	50
1.25	84	73	66	82	73	66	79	71	65	58
1.50	89	79	72	87	78	71	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	90	100	94	89	96	91	87	79
4.00	107	101	96	104	99	95	100	96	92	84
5.00	109	104	100	107	102	99	102	99	96	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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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

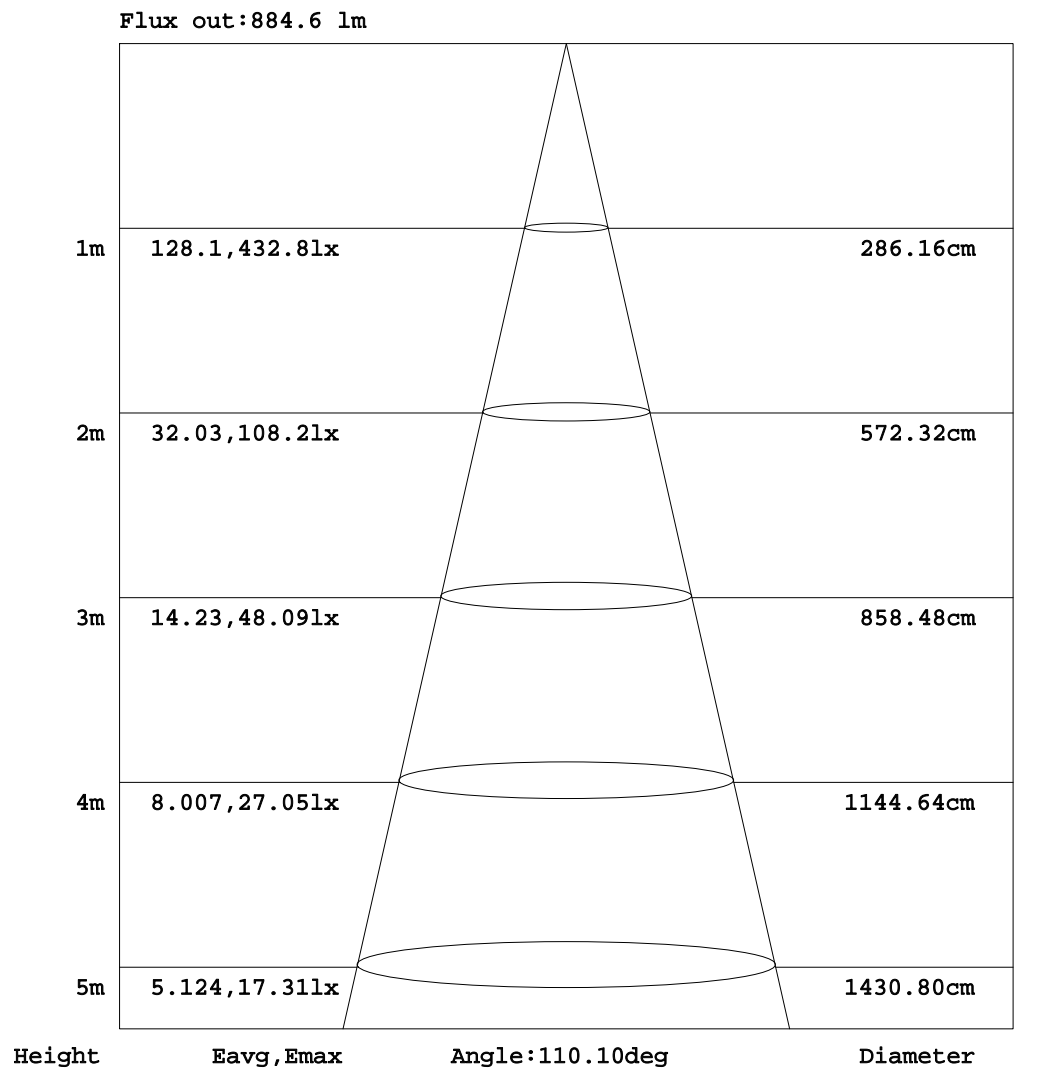


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Ben
 Test Date: 2021-01-06

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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



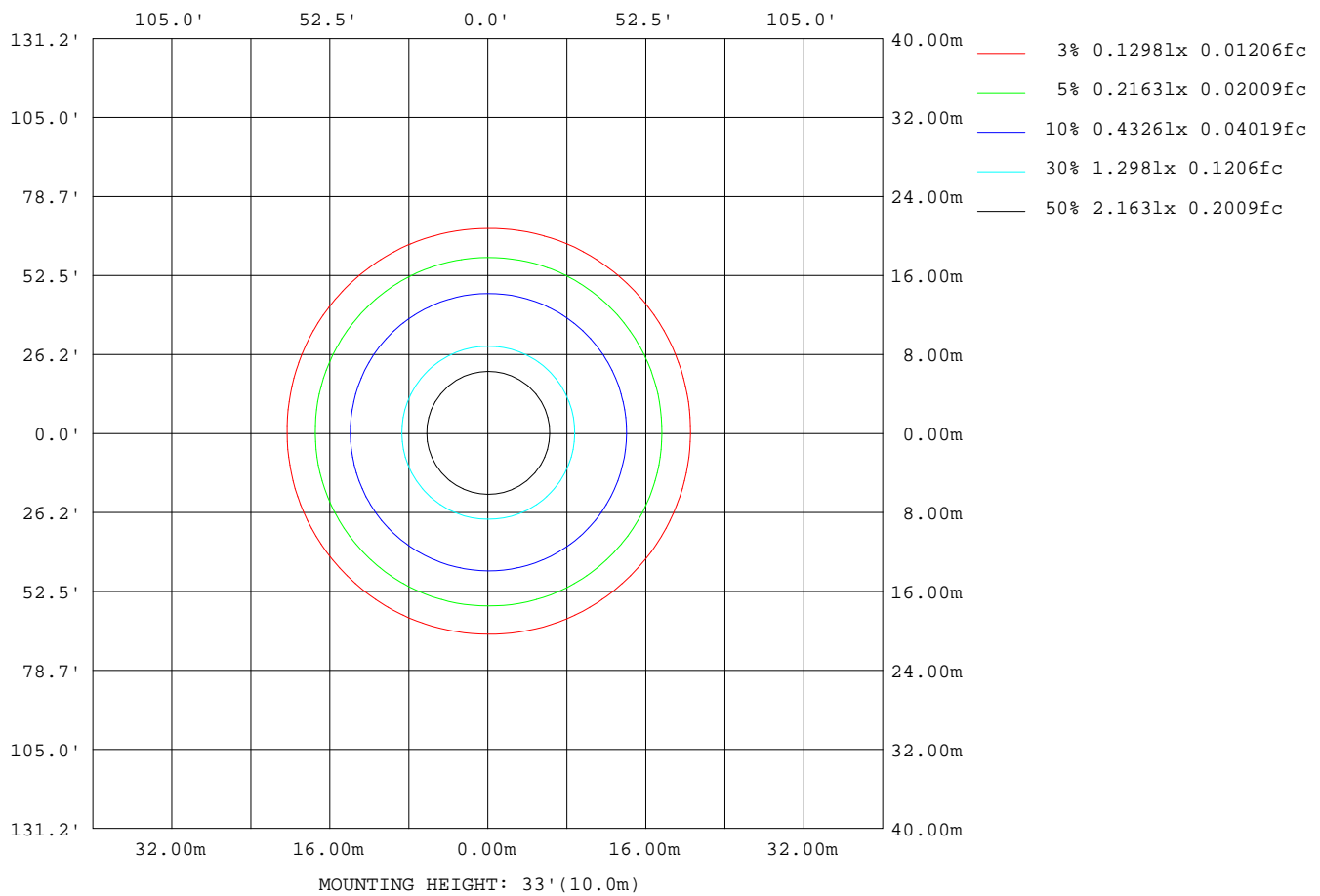
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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

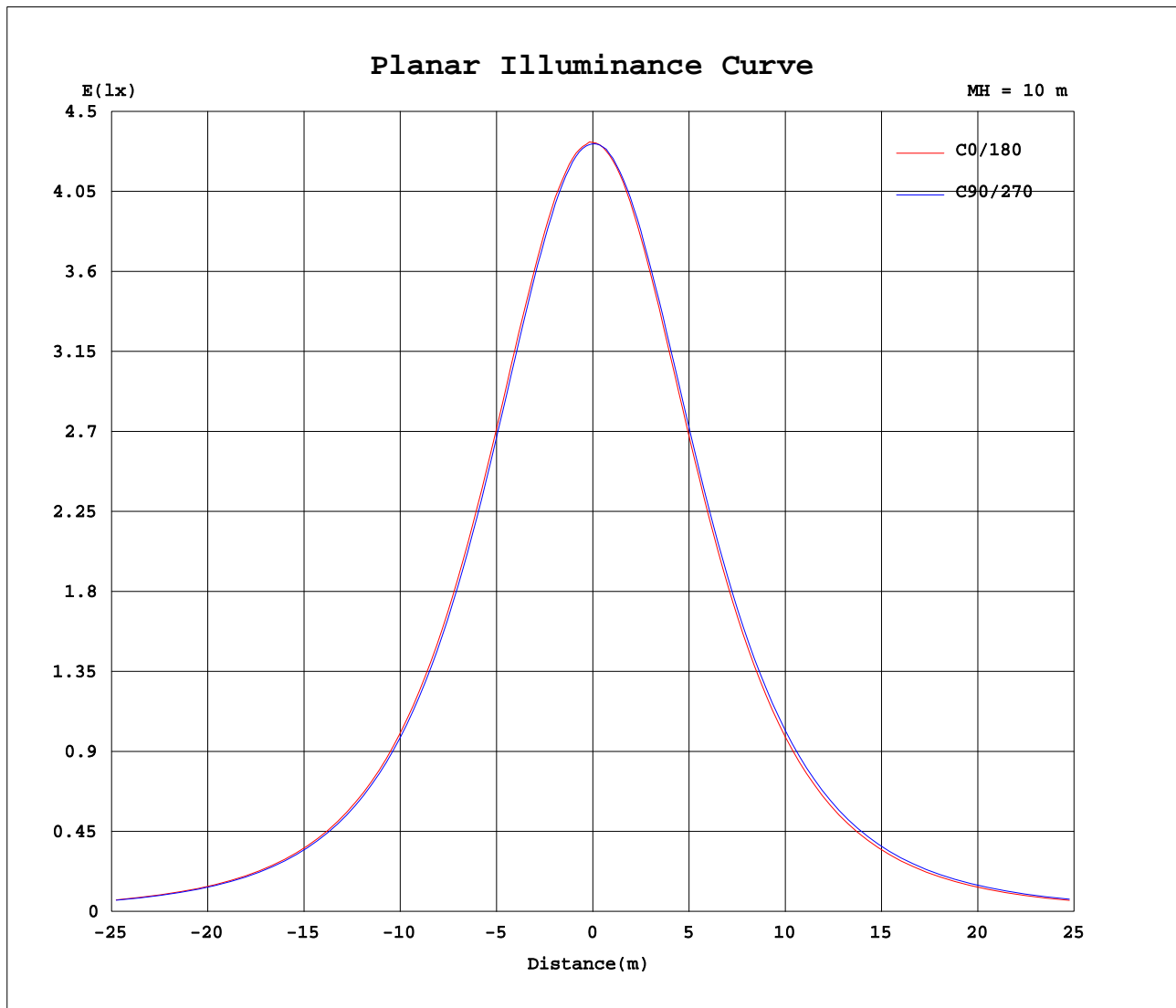
AvgL	cd/m2
L_0~180(65)av	3791
L_0~180(75)av	3108
L_0~180(85)av	1644
L_90~270(65)av	3894
L_90~270(75)av	3295
L_90~270(85)av	2048
L_45(65)av	3848
L_45(75)av	3160
L_45(85)av	1704

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:0.1786A P:20.11W PF:0.9381 Lamp Flux:1199.72x1 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(DEC)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (DEC)	0	432	432	432	432	432	432	432	432	432	432	432	432	432	432	432			
5	431	431	430	430	430	430	430	430	430	430	431	431	431	432	431	431			
10	426	425	424	424	423	423	423	423	423	425	426	426	427	427	427	427			
15	416	416	414	413	412	412	412	412	413	414	415	417	417	418	418	417			
20	403	402	400	399	398	396	397	398	398	400	401	403	404	405	405	404			
25	385	384	382	381	379	378	379	379	380	382	384	386	387	388	388	387			
30	365	363	361	359	357	357	357	358	358	361	363	365	366	367	368	367			
35	341	339	337	336	333	332	332	333	334	337	339	342	343	344	344	343			
40	314	312	311	309	307	306	305	306	307	310	313	315	317	318	318	316			
45	284	283	281	280	277	276	276	277	278	281	284	286	288	290	289	286			
50	252	250	250	248	246	245	245	245	246	249	253	256	257	259	258	254			
55	218	217	216	215	212	212	212	211	212	216	220	222	224	225	224	221			
60	183	182	181	180	178	177	176	177	177	181	185	188	190	191	189	186			
65	147	146	144	144	142	142	140	141	141	145	149	153	154	155	152	150			
70	110	109	107	108	106	106	104	104	105	109	112	116	117	117	115	112			
75	74.8	73.4	71.6	71.9	71.6	70.4	68.2	68.8	70.0	72.8	76.1	80.2	82.0	81.6	78.5	76.4			
80	41.5	39.6	38.3	38.7	39.0	37.4	35.6	36.0	37.9	40.0	42.8	46.6	48.7	47.6	44.9	43.0			
85	14.0	12.5	11.6	11.8	12.4	10.8	9.72	9.97	11.8	13.2	15.3	18.0	19.8	19.0	16.9	15.3			
90	0.14	0.08	0.07	0.10	0.07	0.07	0.07	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.12	0.25		
95	0.09	0.09	0.09	0.09	0.10	0.10	0.09	0.09	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
100	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04			
105	0.11	0.12	0.12	0.13	0.13	0.13	0.12	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05			
110	0.12	0.13	0.13	0.13	0.14	0.14	0.13	0.13	0.07	0.07	0.08	0.08	0.07	0.07	0.07	0.07			
115	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
120	0.16	0.17	0.17	0.17	0.18	0.17	0.17	0.17	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.11			
125	0.20	0.20	0.21	0.21	0.21	0.21	0.20	0.20	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
130	0.25	0.26	0.25	0.26	0.26	0.26	0.26	0.25	0.16	0.15	0.16	0.16	0.15	0.16	0.15	0.15			
135	0.30	0.32	0.32	0.32	0.33	0.33	0.32	0.31	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18			
140	0.39	0.41	0.42	0.42	0.43	0.43	0.42	0.40	0.21	0.21	0.20	0.21	0.20	0.21	0.21	0.22			
145	0.48	0.52	0.54	0.55	0.55	0.55	0.53	0.51	0.23	0.23	0.22	0.25	0.24	0.24	0.23	0.25			
150	0.56	0.61	0.62	0.64	0.63	0.64	0.61	0.58	0.26	0.26	0.25	0.25	0.26	0.27	0.26	0.28			
155	0.65	0.70	0.70	0.70	0.71	0.70	0.69	0.67	0.29	0.28	0.30	0.29	0.28	0.29	0.31	0.33			
160	0.71	0.74	0.73	0.75	0.74	0.75	0.75	0.71	0.34	0.33	0.34	0.33	0.32	0.32	0.32	0.37			
165	0.70	0.70	0.72	0.72	0.74	0.74	0.73	0.70	0.37	0.37	0.36	0.36	0.35	0.35	0.34	0.38			
170	0.65	0.67	0.67	0.66	0.67	0.67	0.68	0.66	0.41	0.40	0.38	0.38	0.37	0.37	0.37	0.42			
175	0.63	0.63	0.61	0.59	0.58	0.61	0.62	0.62	0.47	0.47	0.45	0.43	0.42	0.40	0.43	0.46			
180	0.55	0.54	0.52	0.50	0.49	0.50	0.53	0.54	0.55	0.55	0.54	0.52	0.50	0.51	0.51	0.54			

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