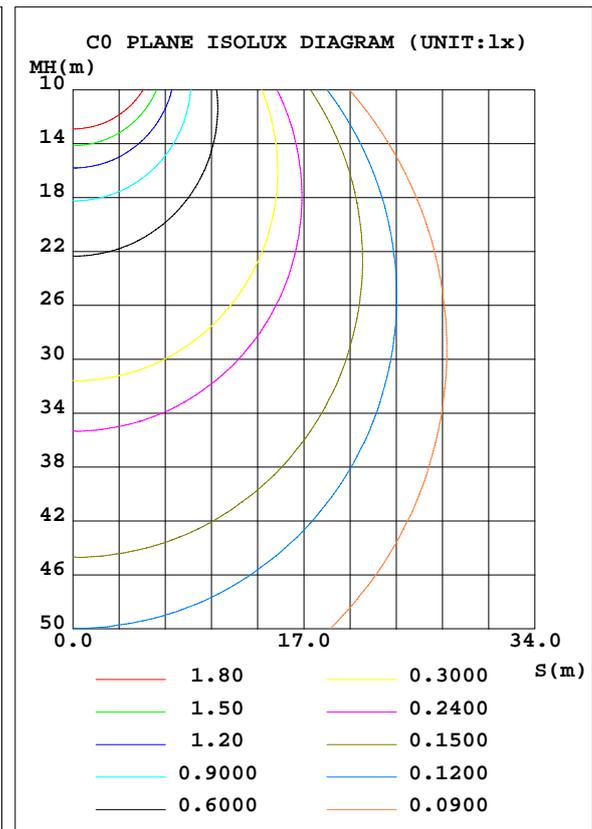
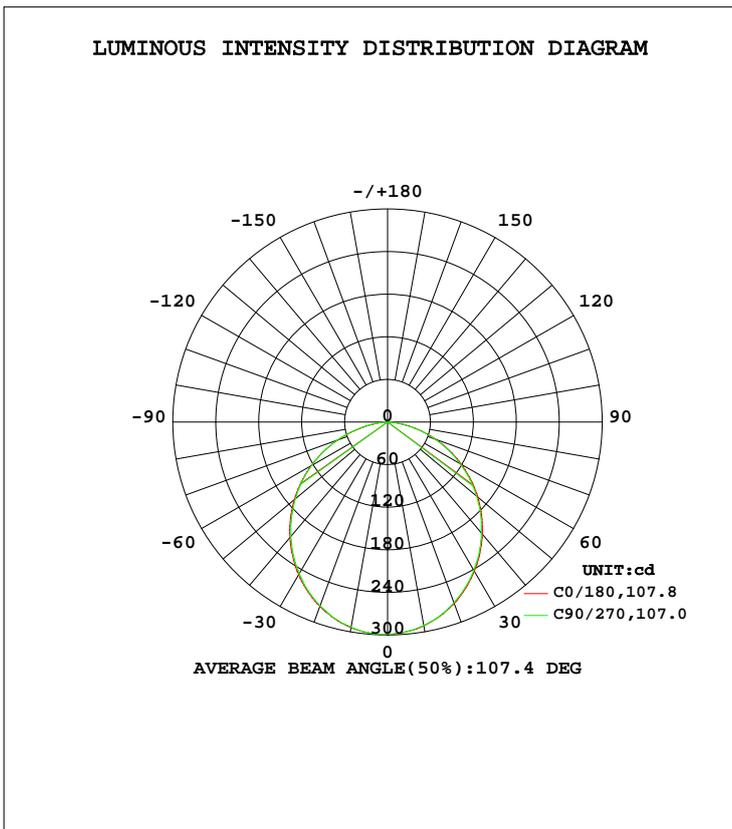


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.21 lm/W			
MODEL	RSZ190524815-10	Imax(cd)	299.6	S/MH(C0/180)	1.21
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	802.42	η UP, DN(C0-180)	0.1,50.4
NOMINAL FLUX(lm)	802.421	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.4
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:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [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	293.9	294.2	293.4	292.0	291.3	290.3	291.0	292.6	0- 10	28.22	28.22	3.52,3.52
20	276.3	277.1	275.7	273.1	272.0	269.8	270.8	274.3	10- 20	80.20	108.4	13.5,13.5
30	248.2	249.3	246.7	243.6	242.3	239.9	241.1	245.5	20- 30	119.9	228.3	28.4,28.4
40	212.1	212.9	210.2	206.8	205.9	203.2	204.1	209.1	30- 40	142.1	370.3	46.2,46.2
50	170.0	170.9	168.2	164.7	164.6	161.6	162.4	167.5	40- 50	144.8	515.1	64.2,64.2
60	123.4	124.7	122.6	119.3	118.8	116.1	117.0	121.2	50- 60	128.4	643.5	80.2,80.2
70	73.86	75.60	74.70	71.85	72.02	69.69	70.47	73.23	60- 70	95.60	739.1	92.1,92.1
80	25.76	27.66	28.01	25.89	26.49	25.12	25.69	26.80	70- 80	51.68	790.8	98.6,98.6
90	0.0423	0.0431	0.0409	0.0434	0.0382	0.0096	0.0087	0.0090	80- 90	10.79	801.6	99.9,99.9
100	0.0678	0.1260	0.0776	0.1158	0.0368	0.0865	0.0516	0.0844	90-100	0.0640	801.7	99.9,99.9
110	0.0879	0.1039	0.0878	0.1016	0.0517	0.0723	0.0702	0.0669	100-110	0.0837	801.8	99.9,99.9
120	0.1026	0.1089	0.1032	0.1101	0.0733	0.0679	0.0894	0.0696	110-120	0.0829	801.8	99.9,99.9
130	0.1435	0.1479	0.1476	0.1532	0.1015	0.0971	0.1128	0.0933	120-130	0.0946	801.9	99.9,99.9
140	0.2233	0.2415	0.2452	0.2437	0.1240	0.1258	0.1348	0.1193	130-140	0.1161	802.0	100,100
150	0.3202	0.3545	0.3604	0.3518	0.1434	0.1454	0.1571	0.1432	140-150	0.1355	802.2	100,100
160	0.3974	0.4150	0.4157	0.4165	0.1901	0.1879	0.1857	0.1805	150-160	0.1279	802.3	100,100
170	0.3673	0.3726	0.3688	0.3730	0.2296	0.2188	0.2118	0.2129	160-170	0.0852	802.4	100,100
180	0.3020	0.2894	0.2876	0.2979	0.3041	0.2983	0.2818	0.2885	170-180	0.0280	802.4	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 9.0 %									UNIT:lm		

Conical surface Flux(90deg): 443.59 lm

%lum = 55.3%
%lamp = 55.3%

Conical surface Flux(120deg): 643.53 lm

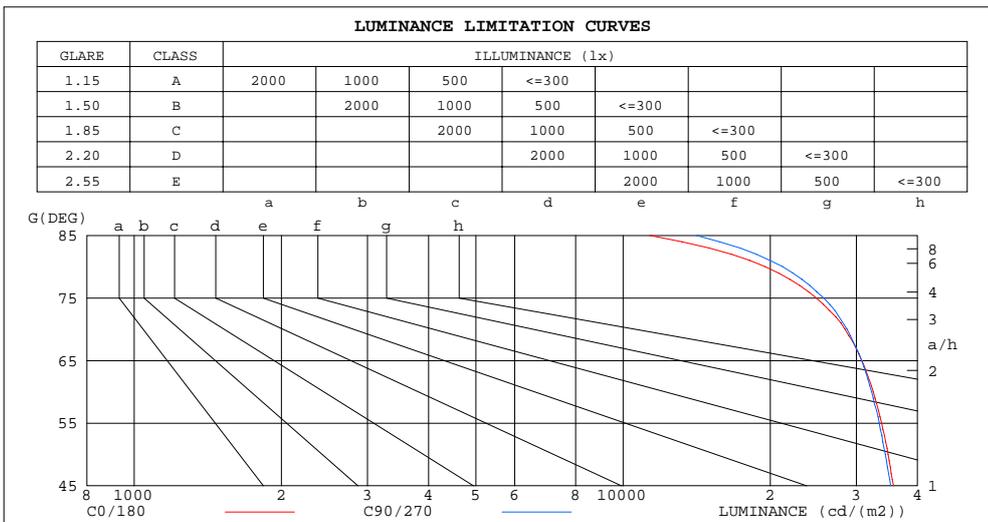
%lum = 80.2%
%lamp = 80.2%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:42%
Test Distance:2.482m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11335	14112
80	19531	21207
75	24846	25724
70	28430	28721
65	30795	30735
60	32483	32245
55	33783	33402
50	34824	34399
45	35745	35258

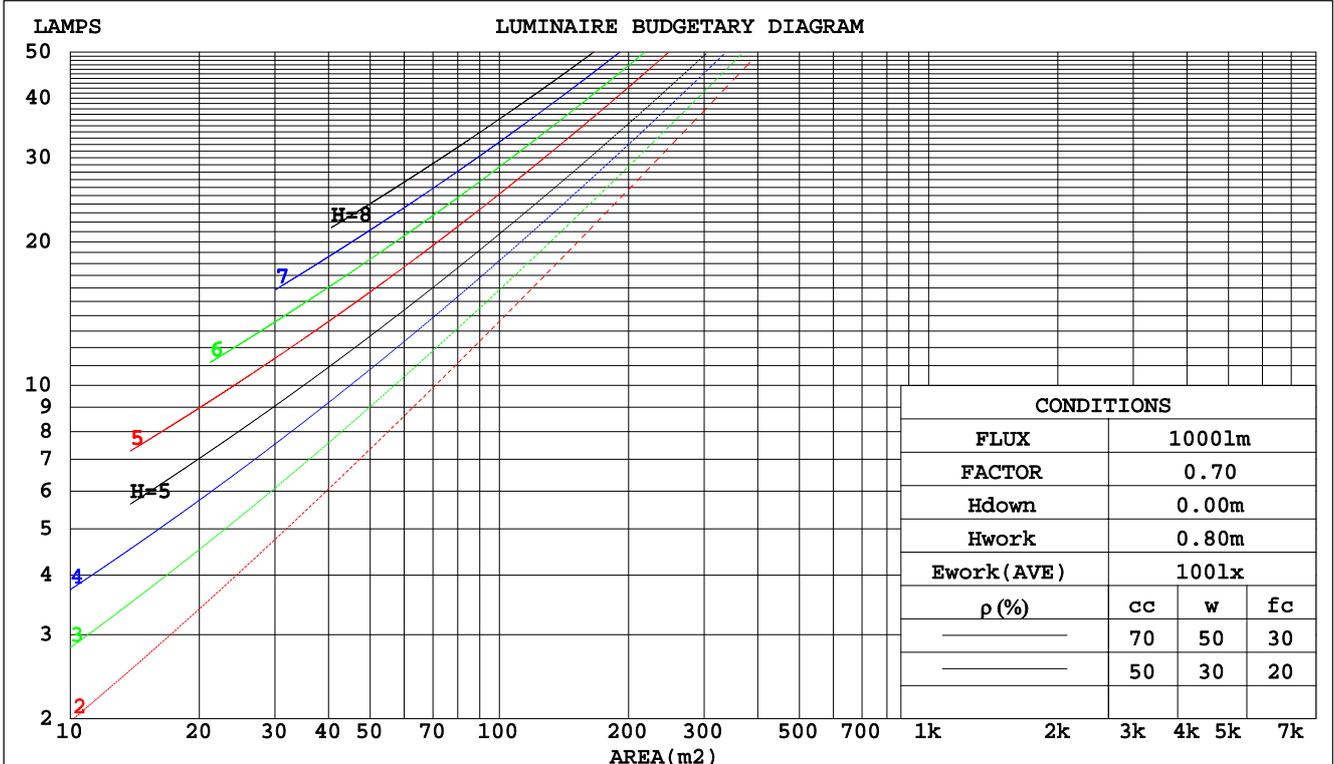
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.482m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

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	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	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.56	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.55	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.38	.33	.43	.37	.32	.31
9.0	.44	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.29	.40	.34	.29	.28
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.482m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.421x1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

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	.299	.170	.054	.292	.167	.053	.279	.160	.051	.267	.154	.049	.256	.148	.048	
2.0	.285	.156	.048	.278	.153	.047	.267	.148	.046	.256	.144	.045	.246	.139	.044	
3.0	.265	.141	.042	.259	.139	.042	.249	.135	.041	.239	.131	.040	.230	.128	.039	
4.0	.245	.127	.037	.240	.126	.037	.231	.122	.037	.222	.119	.036	.215	.117	.036	
5.0	.227	.116	.034	.223	.114	.033	.215	.112	.033	.207	.109	.032	.200	.107	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.029	.187	.098	.029	
7.0	.197	.097	.028	.193	.096	.027	.187	.094	.027	.181	.093	.027	.175	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.172	.083	.023	.170	.083	.023	.164	.081	.023	.160	.080	.023	.155	.079	.023	
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.146	.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	.180	.157	.136	.154	.135	.117	.106	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.100	.147	.114	.086	.101	.079	.060	.058	.046	.035	.019	.015	.011	
3.0	.164	.115	.076	.141	.099	.066	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.157	.102	.060	.134	.088	.052	.092	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.091	.048	.128	.079	.042	.088	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.142	.083	.040	.122	.072	.035	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.034	.116	.066	.030	.080	.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	.073	.040	.016	.043	.023	.010	.014	.008	.003	
10.0	.117	.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:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm										
NAME: END-MULTI-120V-01FT					TYPE: LED Fixture			WEIGHT: N/A		
SPEC.: 10W					DIM.: 315*28*25 (MM)			SERIAL No.: 001		
MFR.: Flexfire LEDs, Inc.					SUR.: N/A			Shielding Angle: 120		
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	25.2	26.7	25.4	26.9	27.1	25.1	26.6	25.4	26.8	27.0
3H	26.6	28.0	26.9	28.2	28.5	26.6	28.0	26.9	28.2	28.4
4H	27.1	28.4	27.4	28.7	28.9	27.1	28.4	27.4	28.7	28.9
6H	27.4	28.6	27.7	28.9	29.2	27.5	28.7	27.8	29.0	29.3
8H	27.5	28.7	27.8	28.9	29.2	27.5	28.7	27.9	29.0	29.3
12H	27.5	28.6	27.8	28.9	29.2	27.6	28.7	27.9	29.0	29.3
4H 2H	25.8	27.1	26.1	27.3	27.6	25.7	27.1	26.1	27.3	27.6
3H	27.4	28.5	27.7	28.8	29.1	27.4	28.5	27.7	28.8	29.1
4H	28.0	29.0	28.4	29.4	29.7	28.0	29.1	28.4	29.4	29.7
6H	28.4	29.3	28.8	29.7	30.1	28.5	29.4	28.9	29.8	30.1
8H	28.5	29.4	28.9	29.7	30.1	28.6	29.5	29.0	29.8	30.2
12H	28.5	29.3	28.9	29.7	30.1	28.6	29.4	29.1	29.8	30.2
8H 4H	28.2	29.1	28.6	29.5	29.8	28.3	29.1	28.7	29.5	29.9
6H	28.7	29.5	29.2	29.9	30.3	28.8	29.5	29.3	29.9	30.4
8H	28.9	29.5	29.4	30.0	30.4	29.0	29.6	29.5	30.1	30.5
12H	29.0	29.5	29.4	30.0	30.4	29.1	29.6	29.6	30.1	30.6
12H 4H	28.2	29.0	28.7	29.4	29.8	28.2	29.0	28.7	29.4	29.8
6H	28.8	29.4	29.2	29.8	30.3	28.9	29.5	29.3	29.9	30.4
8H	29.0	29.5	29.4	30.0	30.4	29.1	29.6	29.5	30.1	30.5
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 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 802.4 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

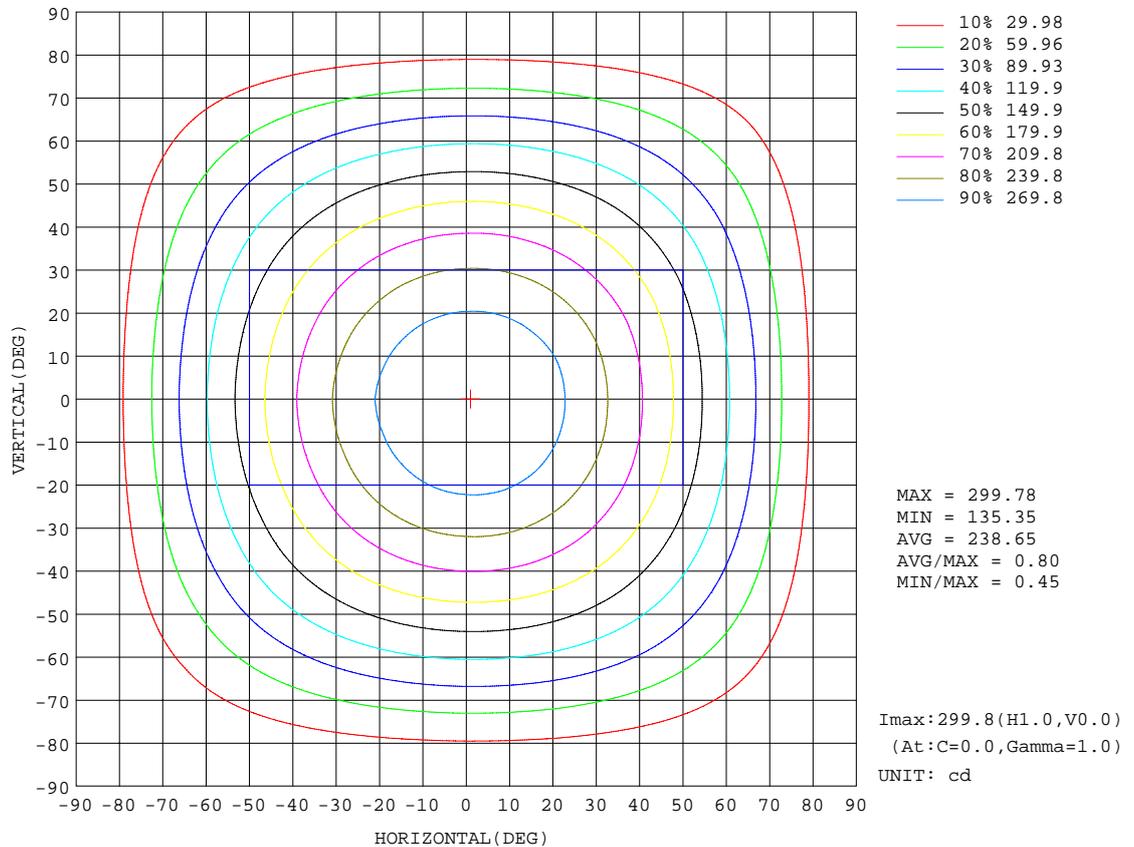
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	58	47	40	56	46	40	33
0.80	68	57	50	67	57	50	66	56	49	42
1.00	77	66	59	76	65	58	73	67	58	51
1.25	84	74	67	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	77	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	99	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	100	107	102	99	102	99	96	87
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:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

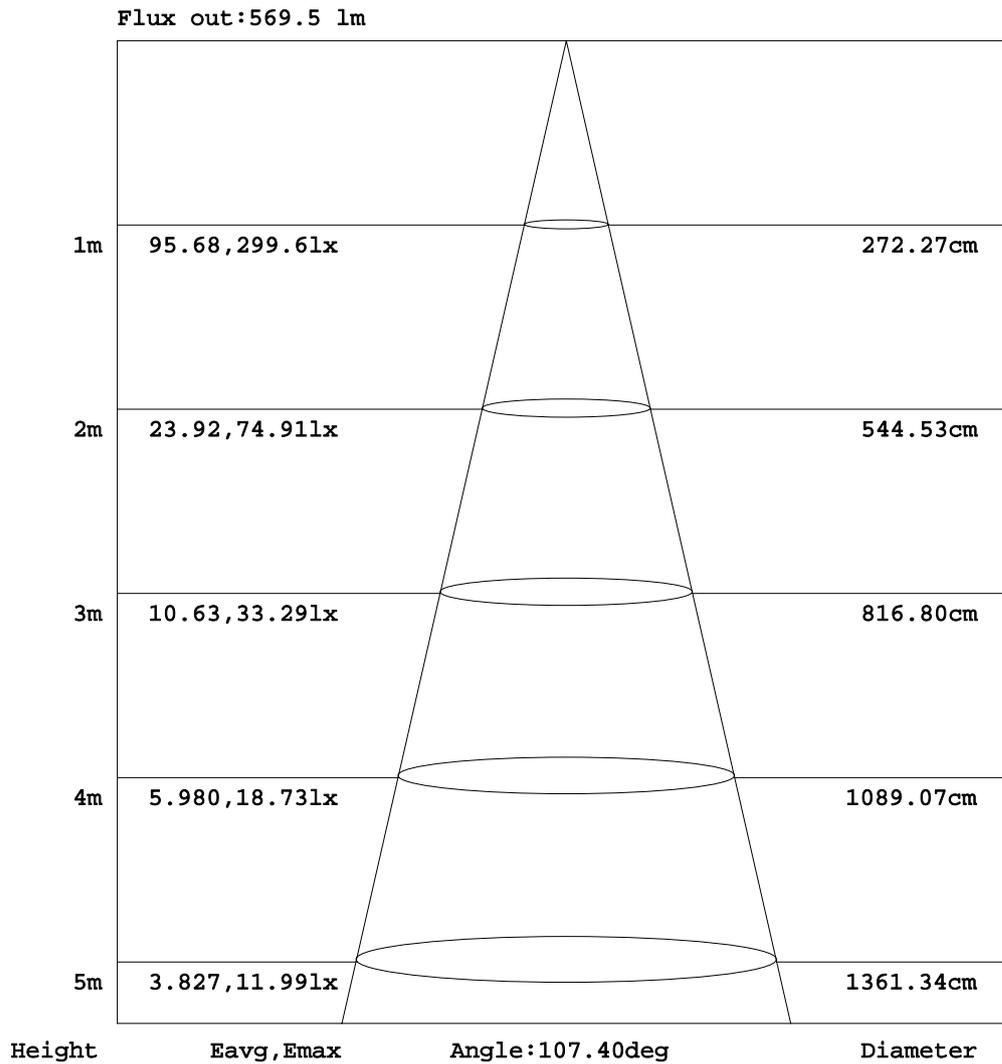


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.482m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120



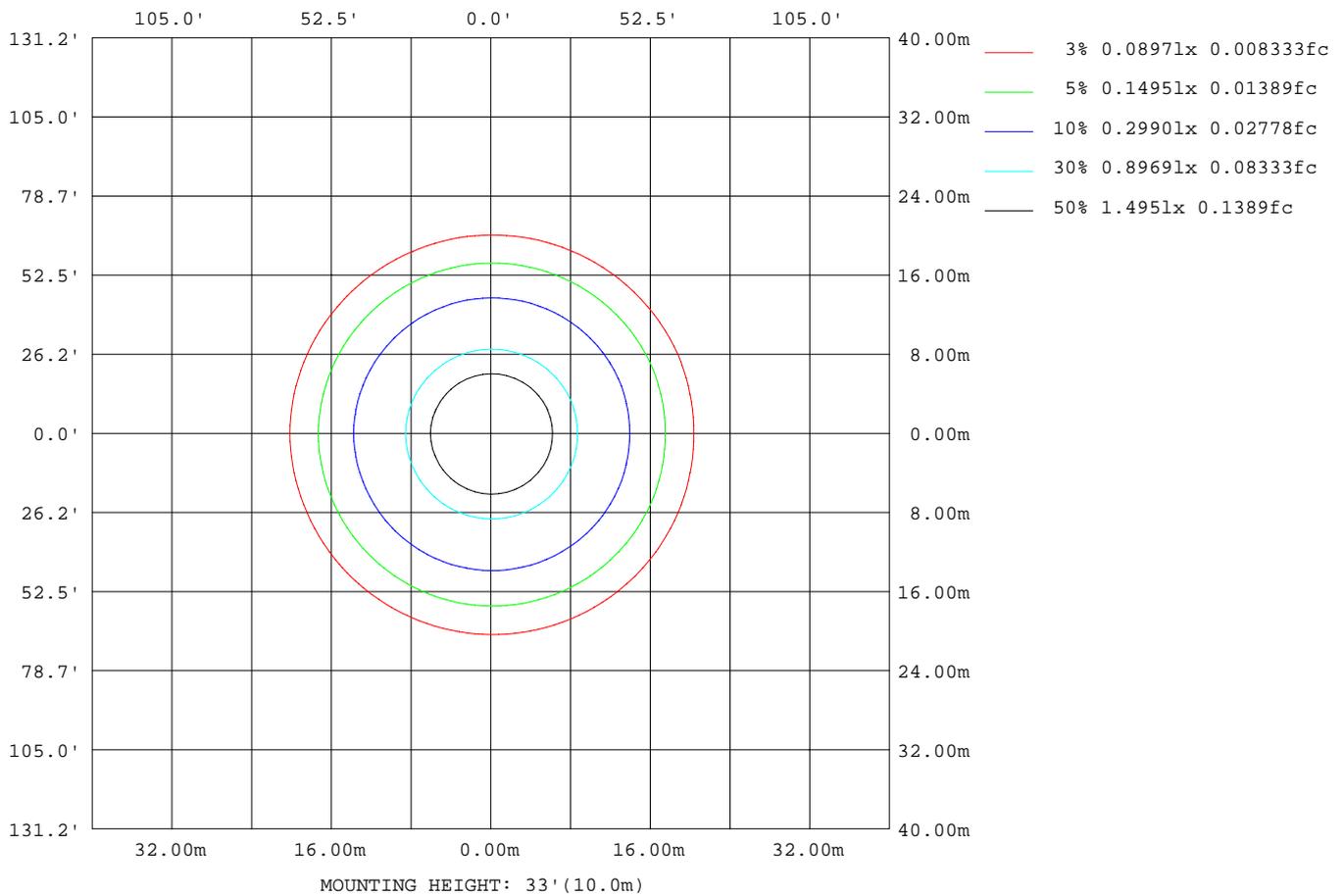
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.482m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

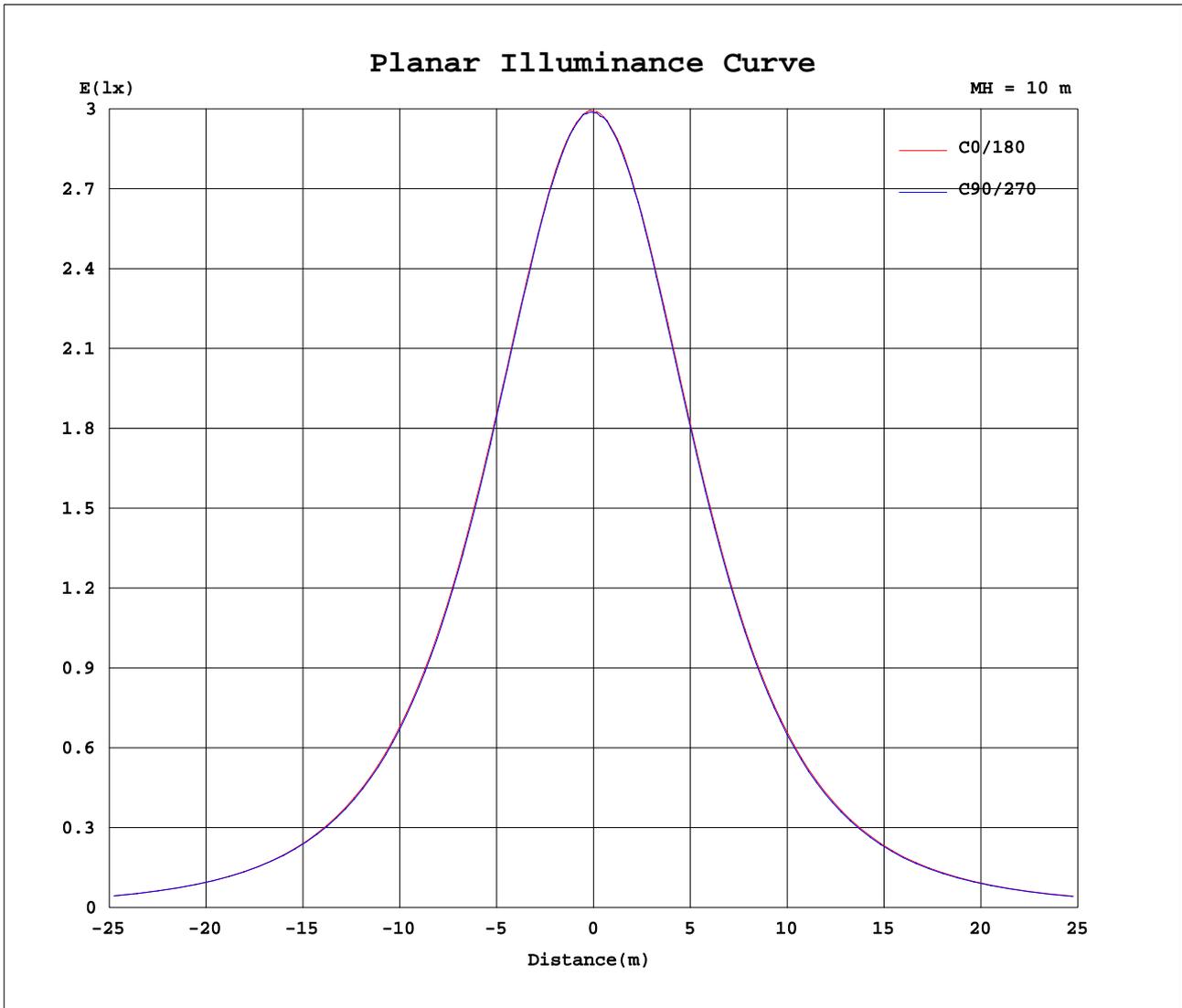
AvgL	cd/m2
L_0~180(65)av	30272
L_0~180(75)av	24746
L_0~180(85)av	12056
L_90~270(65)av	29979
L_90~270(75)av	24896
L_90~270(85)av	13079
L_45(65)av	30079
L_45(75)av	24745
L_45(85)av	12333

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:42%
 Test Distance:2.482m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2019-06-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 42%
 Test Distance: 2.482m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.0854A P:10.13W PF:0.9881 Lamp Flux:802.42lx1 lm		
NAME: END-MULTI-120V-01FT	TYPE: LED Fixture	WEIGHT: N/A
SPEC.: 10W	DIM.: 315*28*25 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: N/A	Shielding Angle: 120

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	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299			
5	298	298	298	298	298	297	297	297	297	297	296	296	297	297	298	298			
10	294	295	294	294	293	293	292	291	291	291	290	290	291	292	293	294			
15	287	287	287	287	286	285	284	283	283	282	281	282	282	283	285	286			
20	276	277	277	276	276	274	273	272	272	271	270	270	271	272	274	276			
25	264	265	264	264	262	261	259	258	258	257	256	256	257	259	261	263			
30	248	249	249	248	247	245	244	242	242	241	240	240	241	243	246	248			
35	231	232	232	231	229	228	226	224	225	224	222	222	223	225	228	231			
40	212	214	213	212	210	208	207	205	206	205	203	203	204	206	209	212			
45	192	193	192	191	190	188	186	185	186	184	183	182	184	186	189	192			
50	170	171	171	170	168	166	165	163	165	163	162	161	162	164	167	170			
55	147	148	148	147	146	144	142	141	143	141	140	139	140	142	145	148			
60	123	125	125	124	123	121	119	118	119	118	116	116	117	119	121	124			
65	98.9	100	100	99.8	98.8	97.3	95.8	94.5	95.6	94.2	93.1	92.9	93.8	95.2	97.3	99.6			
70	73.9	75.1	75.6	75.4	74.7	73.2	71.9	70.5	72.0	70.7	69.7	69.6	70.5	71.5	73.2	75.1			
75	48.8	50.2	50.8	51.1	50.6	49.3	47.9	46.6	48.5	47.4	46.7	46.6	47.3	48.1	49.2	50.7			
80	25.8	26.8	27.7	28.2	28.0	27.0	25.9	24.6	26.5	25.6	25.1	25.1	25.7	26.2	26.8	27.7			
85	7.50	8.14	8.77	9.27	9.35	8.76	7.93	7.12	8.47	7.89	7.64	7.69	7.97	8.14	8.34	8.84			
90	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.01			
95	0.05	0.05	0.10	0.07	0.06	0.06	0.13	0.06	0.02	0.02	0.13	0.07	0.03	0.05	0.14	0.01			
100	0.07	0.10	0.13	0.11	0.08	0.09	0.12	0.10	0.04	0.07	0.09	0.06	0.05	0.06	0.08	0.06			
105	0.08	0.10	0.11	0.10	0.08	0.09	0.11	0.10	0.04	0.06	0.07	0.06	0.06	0.06	0.07	0.06			
110	0.09	0.10	0.10	0.10	0.09	0.09	0.10	0.10	0.05	0.06	0.07	0.06	0.07	0.06	0.07	0.06			
115	0.09	0.10	0.10	0.10	0.09	0.10	0.10	0.10	0.07	0.07	0.06	0.07	0.08	0.07	0.07	0.06			
120	0.10	0.11	0.11	0.10	0.10	0.11	0.11	0.11	0.07	0.08	0.07	0.08	0.09	0.07	0.07	0.07			
125	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.09	0.09	0.08	0.09	0.10	0.09	0.08	0.08			
130	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.10	0.10	0.10	0.11	0.11	0.10	0.09	0.10			
135	0.18	0.18	0.19	0.18	0.19	0.19	0.19	0.18	0.11	0.11	0.11	0.12	0.13	0.11	0.11	0.11			
140	0.22	0.23	0.24	0.24	0.25	0.25	0.24	0.23	0.12	0.13	0.13	0.13	0.13	0.12	0.12	0.12			
145	0.28	0.29	0.30	0.31	0.32	0.31	0.30	0.29	0.13	0.14	0.14	0.15	0.15	0.14	0.13	0.14			
150	0.32	0.34	0.35	0.36	0.36	0.36	0.35	0.33	0.14	0.14	0.15	0.15	0.16	0.15	0.14	0.15			
155	0.37	0.39	0.39	0.40	0.41	0.40	0.39	0.38	0.16	0.16	0.17	0.17	0.17	0.17	0.16	0.18			
160	0.40	0.41	0.41	0.42	0.42	0.42	0.42	0.40	0.19	0.18	0.19	0.19	0.19	0.18	0.18	0.20			
165	0.39	0.40	0.41	0.40	0.41	0.41	0.41	0.39	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.21			
170	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.23	0.23	0.22	0.22	0.21	0.21	0.21	0.23			
175	0.36	0.35	0.35	0.33	0.33	0.34	0.34	0.35	0.26	0.26	0.25	0.24	0.24	0.23	0.25	0.26			
180	0.30	0.30	0.29	0.28	0.29	0.28	0.30	0.30	0.30	0.30	0.30	0.29	0.28	0.28	0.29	0.30			

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