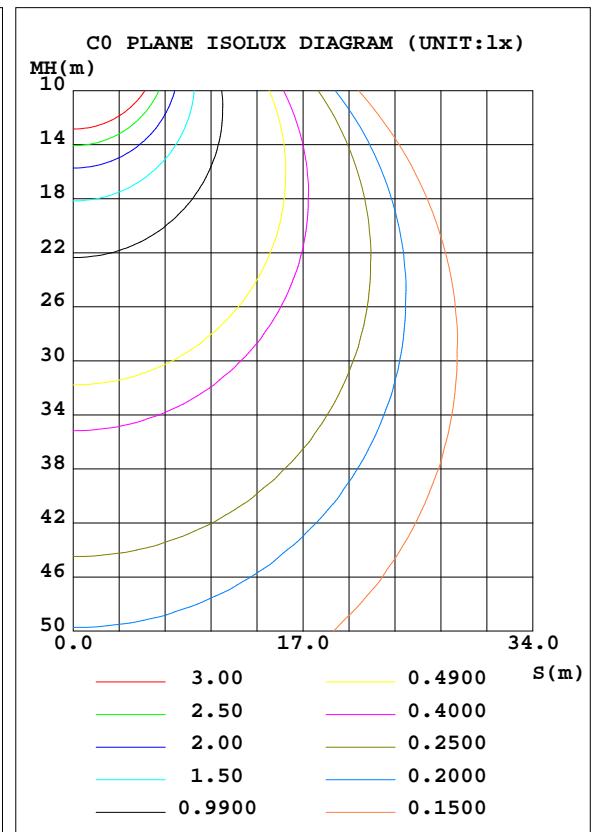
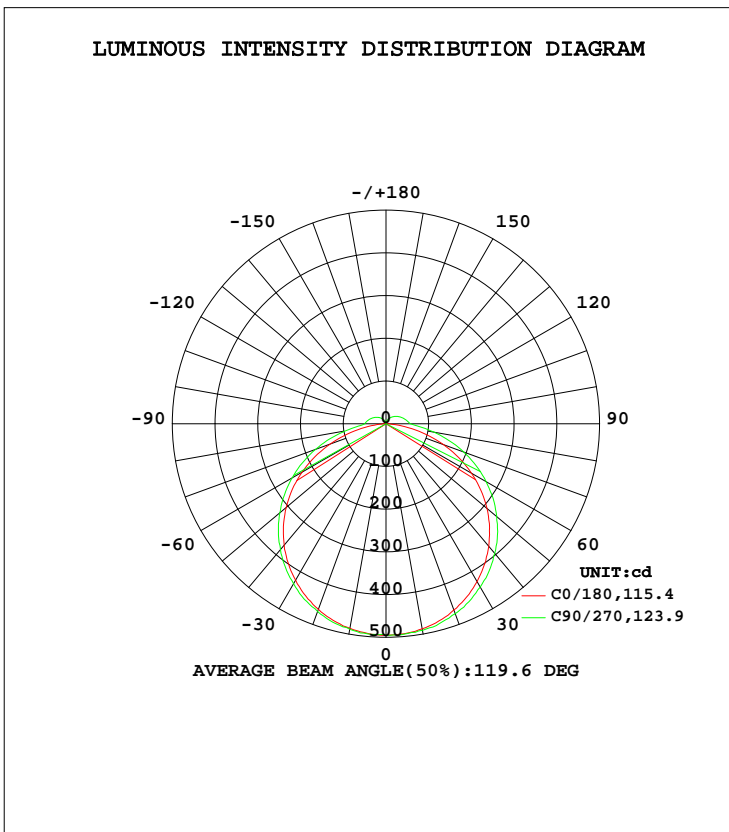


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 138.69 lm/W			
MODEL	RSZ210112502-10	I _{max} (cd)	496.1	S/MH(C0/180)	1.27
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1679.5	η UP, DN(C0-180)	3.5,47.6
NOMINAL FLUX(lm)	1679.53	CIE CLASS	DIRECT	η UP, DN(C180-360)	3.1,45.8
LAMPS INSIDE	1	η up(%)	6.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	93.4	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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	487.5	489.4	491.2	488.4	486.2	487.3	488.6	487.3	0- 10	46.91	46.91	2.79,2.79
20	464.0	469.9	473.4	468.8	462.3	465.4	467.6	465.5	10- 20	135.4	182.3	10.9,10.9
30	426.5	436.1	441.4	434.9	423.1	428.4	432.8	429.5	20- 30	208.1	390.5	23.2,23.2
40	374.1	388.8	396.1	386.6	370.9	378.9	384.5	380.1	30- 40	255.9	646.3	38.5,38.5
50	308.8	328.7	338.6	327.0	304.8	316.6	324.5	317.9	40- 50	272.5	918.9	54.7,54.7
60	230.8	257.7	270.5	256.7	226.8	243.7	254.0	245.1	50- 60	255.6	1174	69.9,69.9
70	143.2	177.7	193.9	176.5	139.2	162.1	175.4	164.0	60- 70	206.2	1381	82.2,82.2
80	53.92	94.69	114.1	94.29	50.53	80.57	96.11	81.63	70- 80	131.7	1512	90,90
90	0.2393	38.13	57.17	37.19	0.0662	33.45	50.20	33.03	80- 90	56.95	1569	93.4,93.4
100	0.1648	31.39	48.58	30.59	0.0887	28.06	43.81	27.68	90-100	31.63	1601	95.3,95.3
110	0.2042	26.06	41.17	25.38	0.1320	23.01	37.02	22.62	100-110	25.70	1627	96.9,96.9
120	0.2646	21.21	33.96	20.71	0.2234	18.34	30.14	18.01	110-120	19.88	1647	98,98
130	0.3936	16.74	26.99	16.39	0.2742	14.07	23.45	13.84	120-130	14.38	1661	98.9,98.9
140	0.6130	12.55	20.39	12.37	0.3348	9.933	17.06	10.14	130-140	9.510	1670	99.5,99.5
150	1.003	8.689	14.17	8.624	0.5116	5.611	11.13	7.346	140-150	5.539	1676	99.8,99.8
160	1.216	5.115	8.353	5.148	0.6756	2.030	5.818	4.715	150-160	2.628	1679	99.9,99.9
170	1.096	2.099	3.237	1.895	0.6412	0.7067	1.866	1.734	160-170	0.8370	1679	100,100
180	0.8757	0.8695	0.8275	0.7443	0.8746	0.8788	0.8795	0.8575	170-180	0.1152	1680	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 782.61 lm

%lum = 46.6%
%lamp = 46.6%

Conical surface Flux(120deg): 1174.4 lm

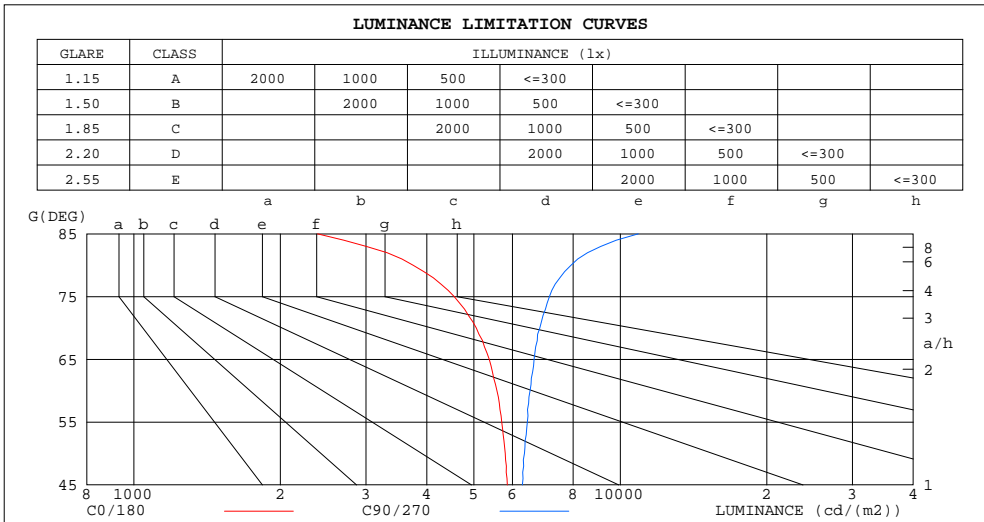
%lum = 69.9%
%lamp = 69.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Ben
Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2385	10886
80	3750	7921
75	4554	7149
70	5058	6833
65	5376	6646
60	5574	6521
55	5705	6441
50	5801	6351
45	5858	6289

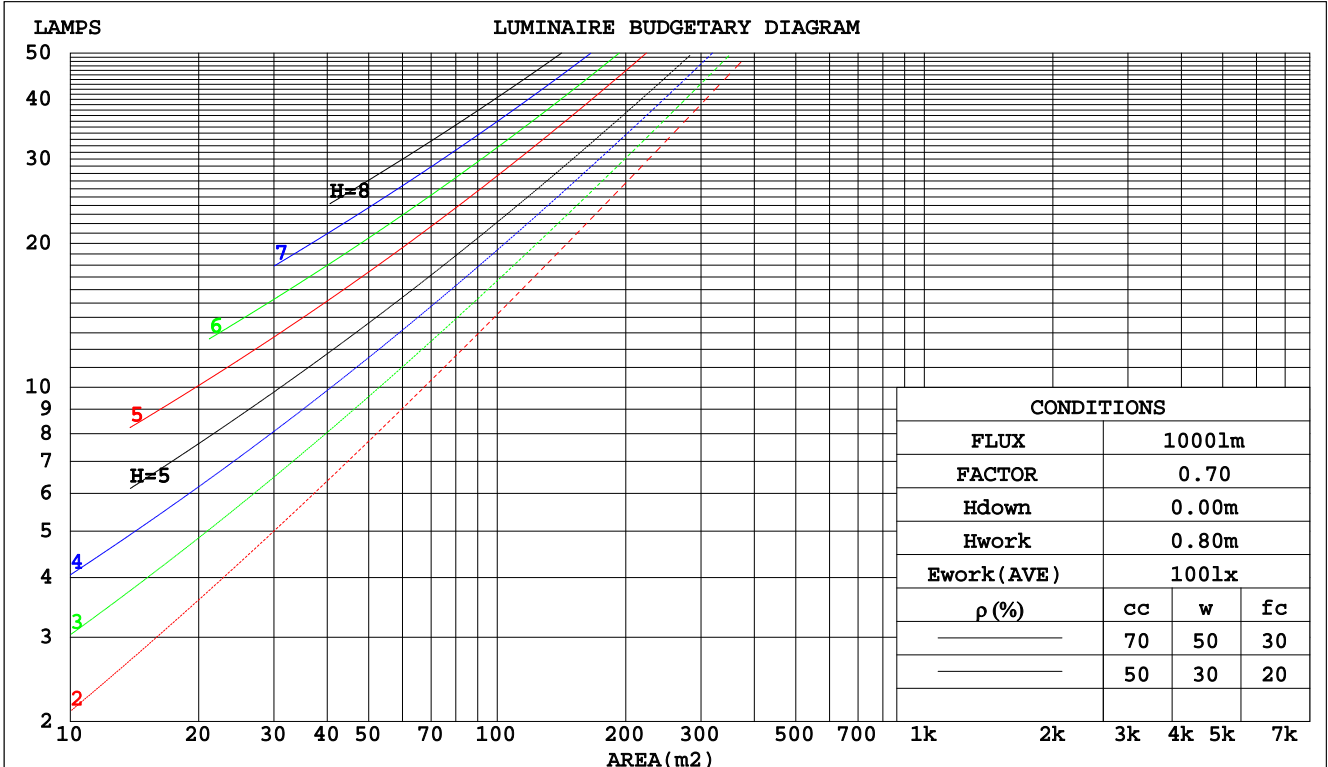
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Ben
 Test Date: 2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	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	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.96	.96	.96	.93
1.0	1.01	.96	.92	.98	.94	.90	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.80	.74	.85	.78	.73	.80	.75	.70	.76	.71	.68	.72	.68	.65	.62
3.0	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.63	.59	.55	.52
4.0	.67	.58	.51	.66	.57	.51	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.46	.41	.50	.45	.40	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.49	.40	.33	.48	.39	.33	.45	.38	.32	.43	.37	.32	.41	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.27	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	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	.333	.189	.060	.324	.185	.059	.307	.176	.056	.291	.168	.054	.276	.160	.052	
2.0	.305	.167	.051	.297	.164	.050	.282	.157	.049	.268	.150	.047	.255	.144	.045	
3.0	.279	.148	.044	.272	.146	.044	.258	.140	.042	.245	.134	.041	.234	.129	.040	
4.0	.255	.133	.039	.249	.130	.039	.237	.126	.037	.225	.121	.036	.215	.117	.036	
5.0	.235	.120	.035	.229	.118	.034	.218	.114	.033	.208	.110	.033	.198	.106	.032	
6.0	.217	.109	.031	.212	.107	.031	.202	.103	.030	.192	.100	.029	.184	.097	.029	
7.0	.201	.100	.028	.197	.098	.028	.188	.095	.027	.179	.092	.027	.171	.089	.026	
8.0	.188	.092	.026	.183	.090	.026	.175	.087	.025	.167	.085	.024	.160	.082	.024	
9.0	.175	.085	.024	.172	.084	.023	.164	.081	.023	.157	.079	.023	.150	.076	.022	
10.0	.165	.079	.022	.161	.078	.022	.154	.076	.021	.148	.073	.021	.142	.071	.020	

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	.240	.240	.240	.206	.206	.206	.140	.140	.140	.081	.081	.081	.026	.026	.026	
1.0	.232	.206	.183	.199	.177	.157	.136	.122	.109	.078	.071	.063	.025	.023	.020	
2.0	.225	.183	.147	.193	.157	.127	.132	.109	.089	.076	.063	.052	.024	.020	.017	
3.0	.217	.165	.124	.186	.143	.108	.128	.099	.075	.074	.058	.044	.024	.019	.015	
4.0	.210	.152	.109	.180	.132	.094	.124	.092	.066	.072	.054	.039	.023	.017	.013	
5.0	.202	.142	.098	.174	.123	.085	.120	.086	.060	.069	.050	.036	.022	.016	.012	
6.0	.195	.134	.090	.168	.116	.079	.116	.081	.056	.067	.048	.033	.022	.016	.011	
7.0	.188	.127	.085	.162	.110	.074	.112	.077	.052	.065	.046	.031	.021	.015	.010	
8.0	.182	.122	.080	.156	.105	.070	.108	.074	.050	.063	.044	.030	.020	.014	.010	
9.0	.175	.117	.077	.151	.101	.067	.105	.071	.048	.061	.042	.028	.020	.014	.009	
10.0	.170	.112	.074	.146	.098	.065	.101	.069	.046	.059	.041	.027	.019	.013	.009	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm										
NAME: LED Batten Light					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: ERS Technology					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	18.6	20.1	19.0	20.4	20.7	19.2	20.7	19.6	21.0	21.3
3H	20.2	21.5	20.6	21.9	22.2	21.1	22.5	21.5	22.9	23.2
4H	20.8	22.0	21.2	22.4	22.8	22.1	23.3	22.5	23.7	24.1
6H	21.1	22.3	21.6	22.7	23.2	22.9	24.1	23.3	24.5	24.9
8H	21.2	22.4	21.7	22.8	23.2	23.3	24.4	23.7	24.8	25.3
12H	21.2	22.4	21.7	22.8	23.2	23.7	24.8	24.1	25.2	25.7
4H 2H	19.4	20.7	19.8	21.0	21.4	19.8	21.1	20.3	21.5	21.9
3H	21.1	22.3	21.6	22.7	23.1	22.0	23.1	22.4	23.5	24.0
4H	21.9	22.9	22.3	23.3	23.8	23.0	24.1	23.5	24.5	25.0
6H	22.4	23.3	22.9	23.8	24.3	24.0	24.9	24.5	25.4	25.9
8H	22.5	23.4	23.0	23.9	24.4	24.5	25.4	25.0	25.8	26.4
12H	22.6	23.4	23.1	23.9	24.4	25.0	25.8	25.5	26.3	26.8
8H 4H	22.3	23.2	22.8	23.7	24.2	23.3	24.2	23.8	24.7	25.2
6H	23.0	23.8	23.6	24.3	24.8	24.5	25.2	25.1	25.8	26.3
8H	23.3	23.9	23.9	24.5	25.1	25.2	25.8	25.7	26.3	26.9
12H	23.5	24.0	24.0	24.6	25.2	25.8	26.4	26.4	27.0	27.6
12H 4H	22.4	23.2	22.9	23.7	24.2	23.3	24.1	23.9	24.6	25.2
6H	23.2	23.8	23.8	24.4	25.0	24.6	25.2	25.2	25.8	26.4
8H	23.5	24.1	24.1	24.7	25.3	25.3	25.9	25.9	26.4	27.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1680 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A

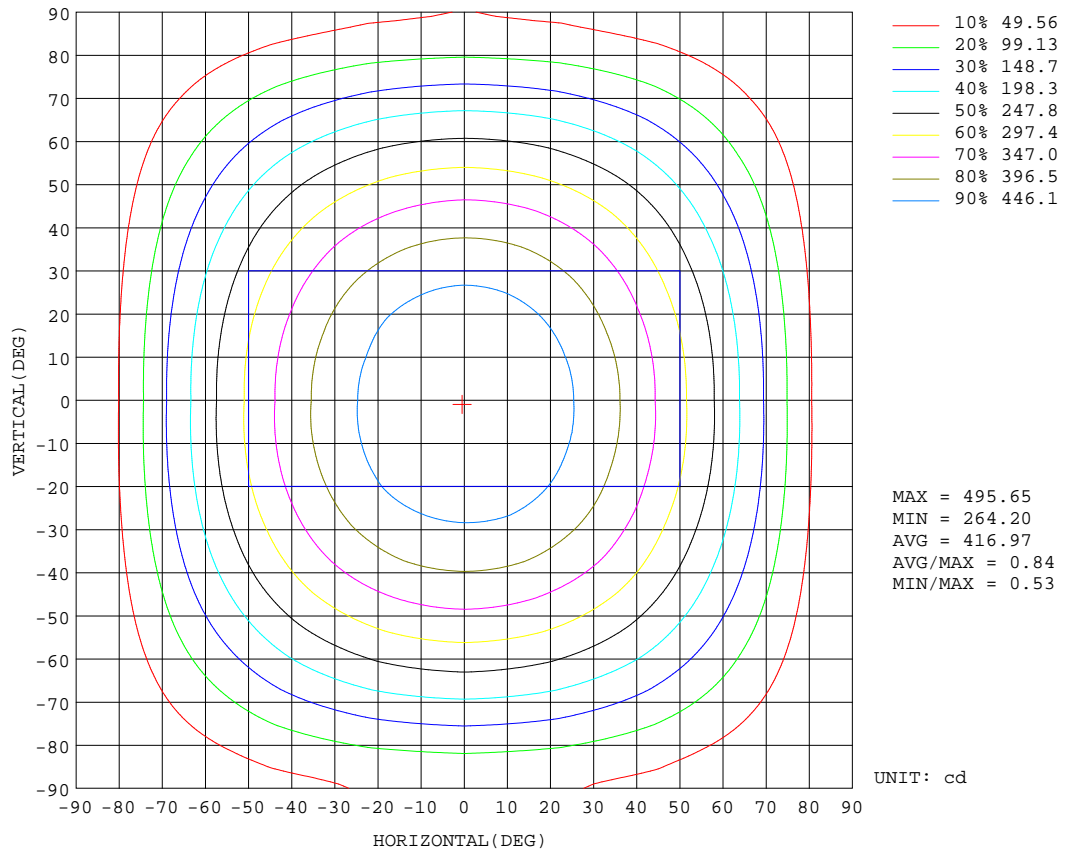
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	35	53	41	35	51	41	34	28
0.80	64	51	44	62	51	43	60	50	43	36
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	68	60	77	67	59	74	65	58	50
1.50	84	73	66	82	72	65	78	70	64	55
2.00	91	82	75	89	80	74	84	77	72	62
2.50	95	87	80	93	85	79	88	81	76	66
3.00	99	91	85	96	89	83	91	85	81	70
4.00	103	97	91	100	94	89	95	90	86	75
5.00	106	100	95	103	98	93	97	93	90	78
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:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A

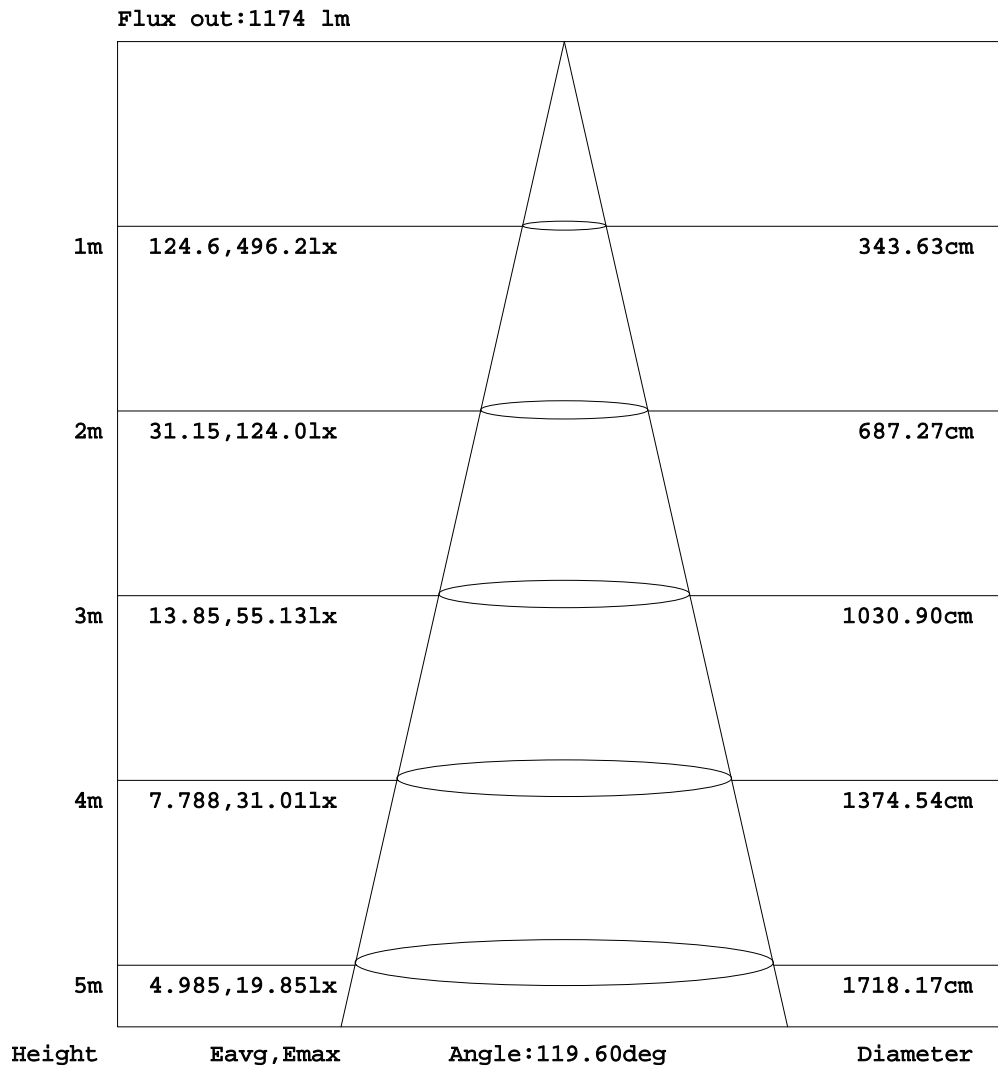


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A



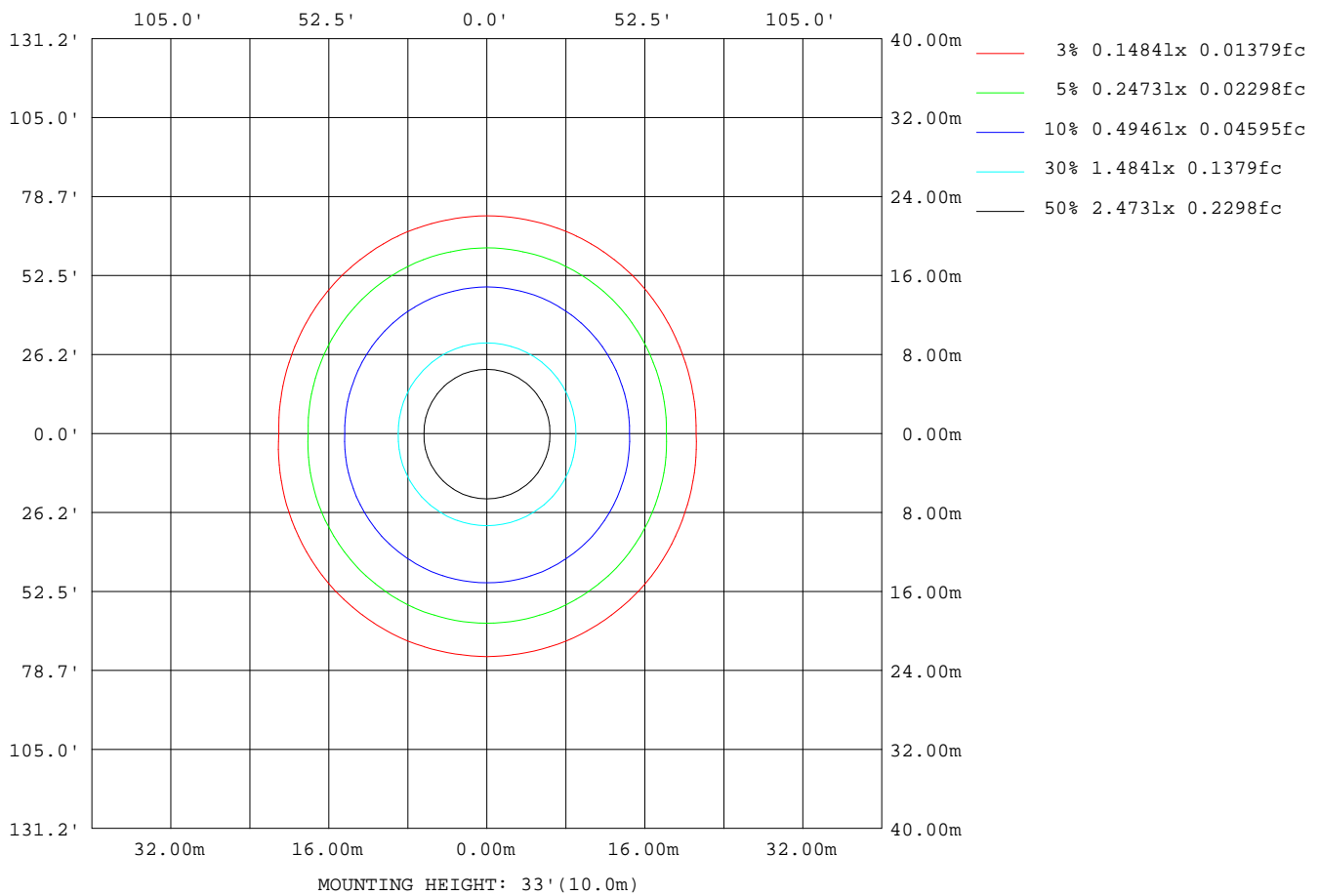
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	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:2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	SUR.:N/A	Shielding Angle:N/A

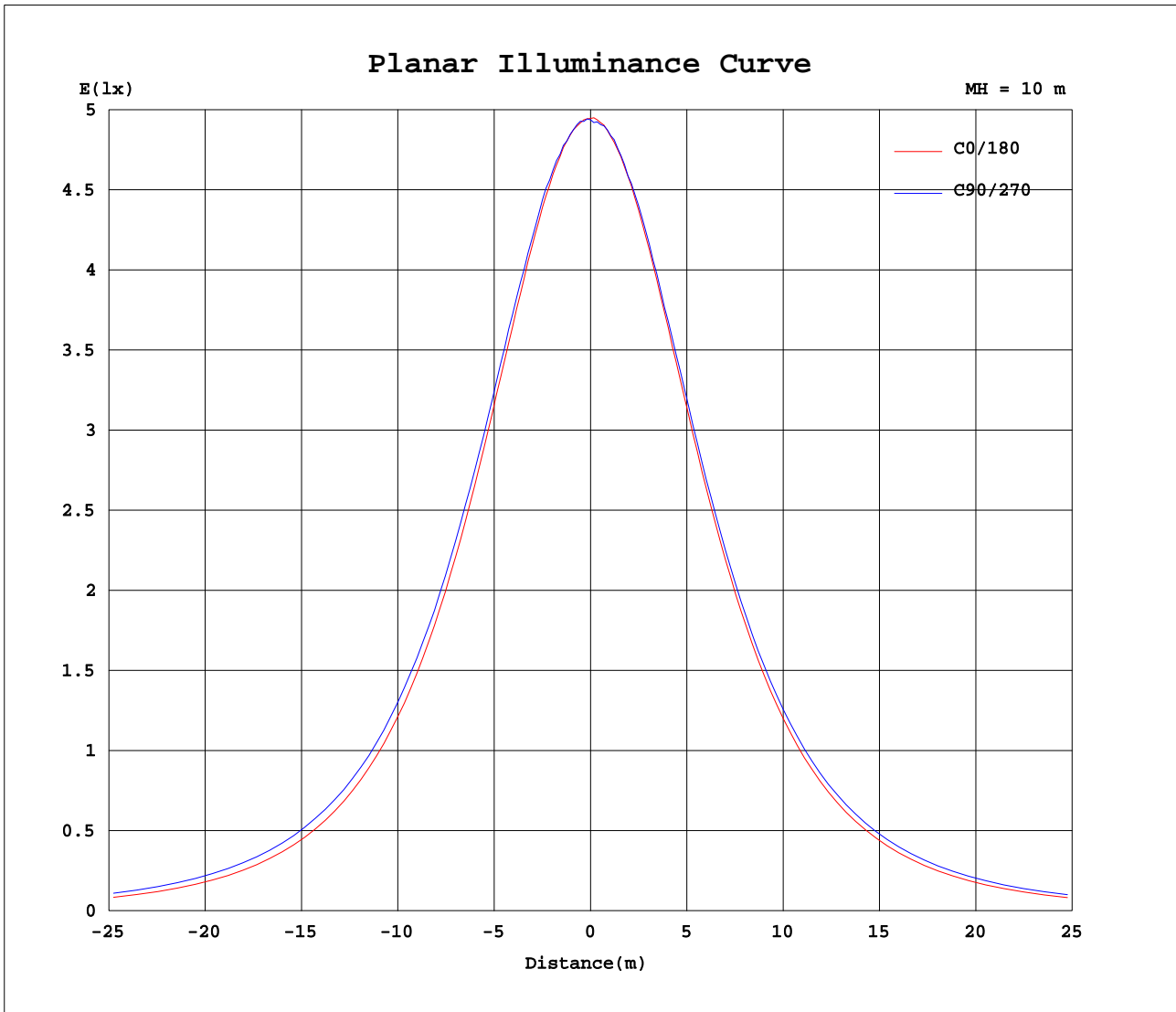
AvgL	cd/m2
L_0~180(65)av	5318
L_0~180(75)av	4458
L_0~180(85)av	2309
L_90~270(65)av	6403
L_90~270(75)av	6742
L_90~270(85)av	9919
L_45(65)av	6036
L_45(75)av	5978
L_45(85)av	7403

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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: 2021-01-14

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:230.1V I:0.0574A P:12.11W PF:0.9170 Lamp Flux:1679.53x1 lm		
NAME: LED Batten Light	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS Technology	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	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495	495			
5	493	492	494	496	494	494	492	492	493	491	493	494	494	493	492	491			
10	487	489	489	490	491	490	488	488	486	486	487	488	489	488	487	487			
15	478	478	482	485	484	483	480	477	477	475	478	481	481	480	478	476			
20	464	467	470	472	473	472	469	466	462	463	465	467	468	468	465	465			
25	447	449	455	460	460	458	453	447	445	445	450	453	453	451	449	446			
30	427	430	436	440	441	440	435	429	423	426	428	432	433	433	430	427			
35	402	406	415	420	421	418	413	405	399	400	406	411	410	409	406	402			
40	374	381	389	394	396	394	387	379	371	374	379	383	385	384	380	375			
45	343	349	360	367	369	365	358	348	340	342	350	354	356	355	350	343			
50	309	318	329	336	339	336	327	316	305	310	317	322	325	323	318	311			
55	271	281	294	303	306	302	293	279	267	272	281	288	290	289	282	274			
60	231	243	258	267	270	267	257	241	227	234	244	251	254	252	245	236			
65	188	202	219	230	233	229	217	200	184	192	204	212	215	213	205	193			
70	143	159	178	189	194	189	176	158	139	149	162	172	175	173	164	151			
75	97.6	115	136	149	153	148	135	114	93.5	105	120	131	135	132	122	106			
80	53.9	73.5	94.7	109	114	109	94.3	72.2	50.5	64.2	80.6	91.6	96.1	92.3	81.6	65.1			
85	17.2	36.9	59.1	73.6	78.7	73.3	58.3	35.9	16.1	30.4	47.8	59.8	64.5	60.4	48.5	30.6			
90	0.24	17.4	38.1	53.0	57.2	52.5	37.2	16.4	0.07	15.2	33.5	45.8	50.2	45.6	33.0	14.5			
95	0.14	14.7	34.4	47.8	52.5	47.2	33.5	13.9	0.06	13.1	30.7	42.7	47.0	42.6	30.3	12.4			
100	0.16	13.0	31.4	44.1	48.6	43.6	30.6	12.3	0.09	11.4	28.1	39.6	43.8	39.5	27.7	10.7			
105	0.18	11.6	28.6	40.6	44.8	40.1	27.9	11.0	0.11	9.99	25.5	36.5	40.4	36.3	25.1	9.41			
110	0.20	10.4	26.1	37.2	41.2	36.8	25.4	9.89	0.13	8.84	23.0	33.3	37.0	33.1	22.6	8.32			
115	0.23	9.40	23.6	33.9	37.5	33.5	23.0	8.91	0.20	7.84	20.6	30.0	33.5	30.0	20.3	7.38			
120	0.26	8.42	21.2	30.5	34.0	30.3	20.7	8.02	0.22	6.93	18.3	27.0	30.1	26.8	18.0	6.50			
125	0.32	7.51	18.9	27.4	30.4	27.1	18.5	7.18	0.25	6.08	16.2	23.8	26.8	23.8	15.9	5.72			
130	0.39	6.62	16.7	24.2	27.0	24.1	16.4	6.38	0.27	5.24	14.1	20.9	23.5	20.8	13.8	4.95			
135	0.49	5.82	14.6	21.2	23.6	21.1	14.3	5.57	0.31	4.41	12.0	17.9	20.2	17.9	11.9	4.27			
140	0.61	5.01	12.5	18.3	20.4	18.2	12.4	4.85	0.33	3.49	9.93	15.1	17.1	15.2	10.1	3.70			
145	0.78	4.25	10.6	15.4	17.2	15.3	10.5	4.21	0.39	2.52	7.76	12.1	14.1	12.7	8.68	3.34			
150	1.00	3.55	8.69	12.7	14.2	12.6	8.62	3.46	0.51	1.53	5.61	9.33	11.1	10.4	7.35	3.11			
155	1.16	2.90	6.89	10.0	11.1	9.98	6.85	2.87	0.62	0.84	3.66	6.68	8.41	8.16	6.08	2.93			
160	1.22	2.31	5.11	7.49	8.35	7.48	5.15	2.29	0.68	0.61	2.03	4.35	5.82	5.96	4.71	2.55			
165	1.18	1.76	3.49	5.01	5.61	4.98	2.85	1.68	0.59	0.60	1.04	2.50	3.63	3.86	3.20	1.88			
170	1.10	1.27	2.10	2.91	3.24	2.87	1.90	1.21	0.64	0.64	0.71	1.14	1.87	2.03	1.73	1.15			
175	0.97	1.01	1.13	1.37	1.41	1.26	1.11	0.98	0.74	0.74	0.75	0.77	0.84	0.93	0.89	0.81			
180	0.88	0.87	0.87	0.86	0.83	0.83	0.74	0.82	0.87	0.88	0.88	0.89	0.88	0.87	0.86	0.86			

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