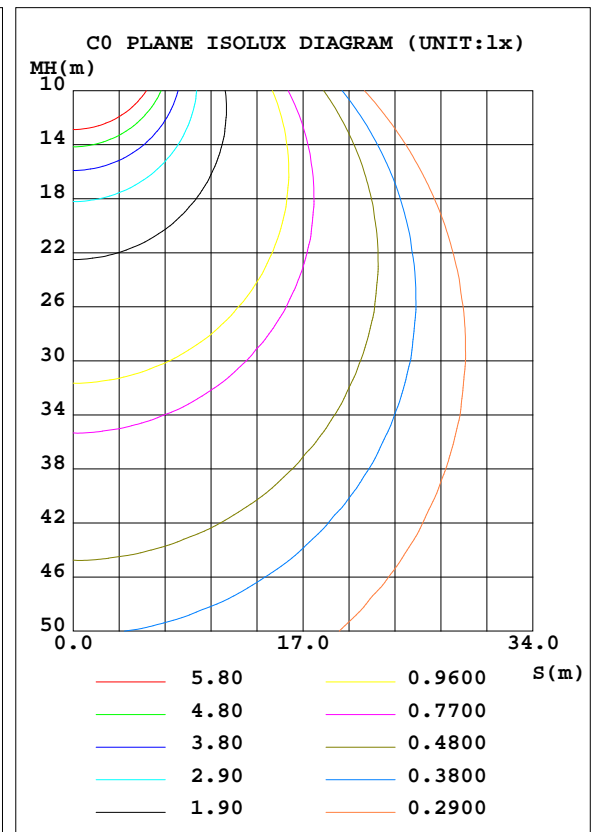
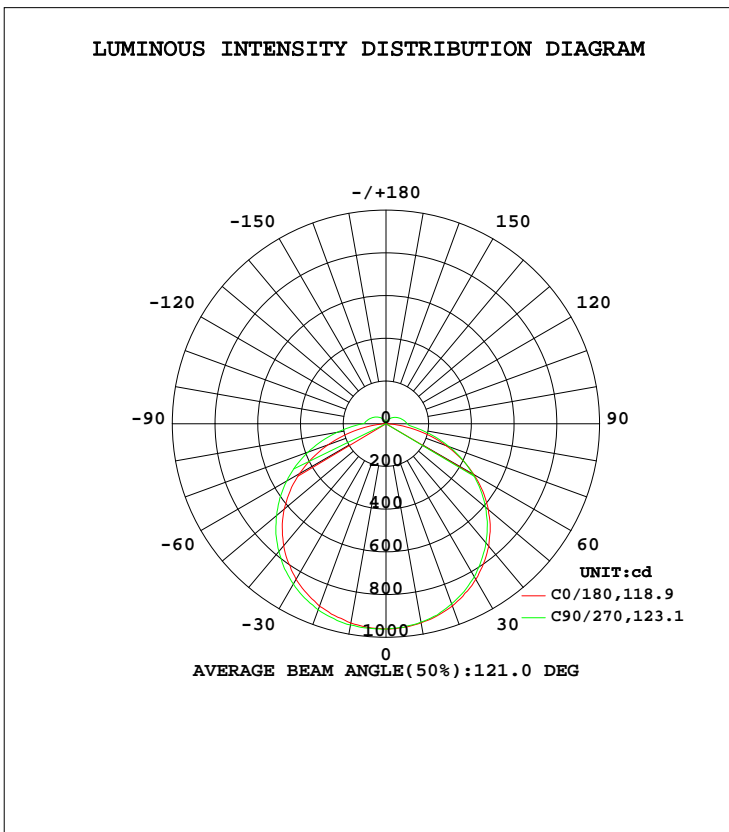


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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: 135.73 lm/W			
MODEL	RSZ210112505-10	I _{max} (cd)	963.8	S/MH(C0/180)	1.30
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3307.7	η UP, DN(C0-180)	3.2,45.1
NOMINAL FLUX(lm)	3307.67	CIE CLASS	DIRECT	η UP, DN(C180-360)	3.3,48.4
LAMPS INSIDE	1	η up(%)	6.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	93.5	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	946.8	943.5	942.8	944.8	947.6	953.1	956.4	954.9	0- 10	91.11	91.11	2.75,2.75
20	908.6	903.2	897.8	902.2	909.1	920.8	927.2	921.6	10- 20	263.6	354.7	10.7,10.7
30	841.6	832.3	827.0	832.0	841.8	862.0	867.4	862.3	20- 30	406.5	761.2	23,23
40	748.9	737.9	727.7	736.2	745.5	773.5	780.0	775.5	30- 40	502.2	1263	38.2,38.2
50	626.3	619.6	608.2	613.7	622.1	660.6	668.7	662.1	40- 50	537.8	1801	54.5,54.5
60	475.5	477.4	468.8	470.0	468.6	523.1	537.0	524.6	50- 60	506.6	2308	69.8,69.8
70	298.9	317.2	315.5	307.4	289.5	363.8	387.5	367.0	60- 70	409.7	2718	82.2,82.2
80	114.5	155.8	167.5	145.5	102.0	196.8	232.1	201.4	70- 80	261.4	2979	90.1,90.1
90	2.649	70.66	100.8	69.81	0.1283	74.78	110.3	76.38	80- 90	113.4	3092	93.5,93.5
100	0.3267	58.14	86.44	57.61	0.1768	60.29	90.27	60.49	90-100	62.62	3155	95.4,95.4
110	0.4202	47.16	72.82	46.88	0.2674	49.43	76.53	49.61	100-110	50.51	3205	96.9,96.9
120	0.5271	37.51	59.47	37.35	0.4053	39.50	62.52	39.60	110-120	38.79	3244	98.1,98.1
130	0.7624	28.79	46.44	28.85	0.5473	30.50	48.87	30.63	120-130	27.80	3272	98.9,98.9
140	1.223	20.86	34.42	21.07	0.6665	22.03	36.23	22.91	130-140	18.26	3290	99.5,99.5
150	1.702	13.83	23.37	14.09	0.8562	13.25	24.53	17.11	140-150	10.58	3301	99.8,99.8
160	2.037	7.447	13.08	7.552	1.130	5.189	13.86	11.58	150-160	4.986	3306	99.9,99.9
170	1.980	2.757	4.433	2.594	1.299	1.922	5.105	4.934	160-170	1.565	3307	100,100
180	1.645	1.664	1.788	1.672	1.645	1.645	1.712	1.717	170-180	0.2243	3308	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1531.9 lm

%lum = 46.3%
%lamp = 46.3%

Conical surface Flux(120deg): 2307.9 lm

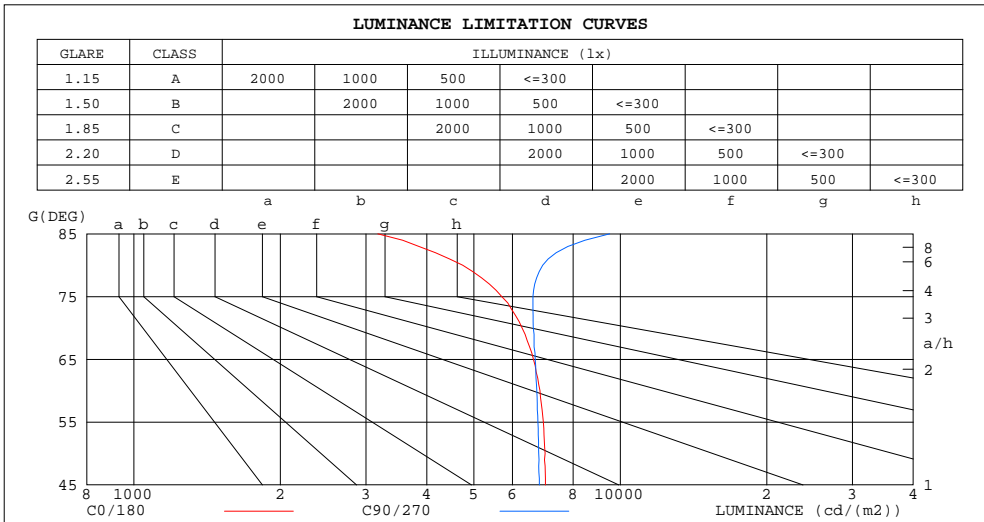
%lum = 69.8%
%lamp = 69.8%

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:

LUMINANCE LIMITATION CURVES

Test:U:230.1V I:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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	3174	9509
80	4742	6927
75	5704	6613
70	6283	6624
65	6630	6682
60	6837	6733
55	6947	6770
50	7005	6794
45	7013	6816

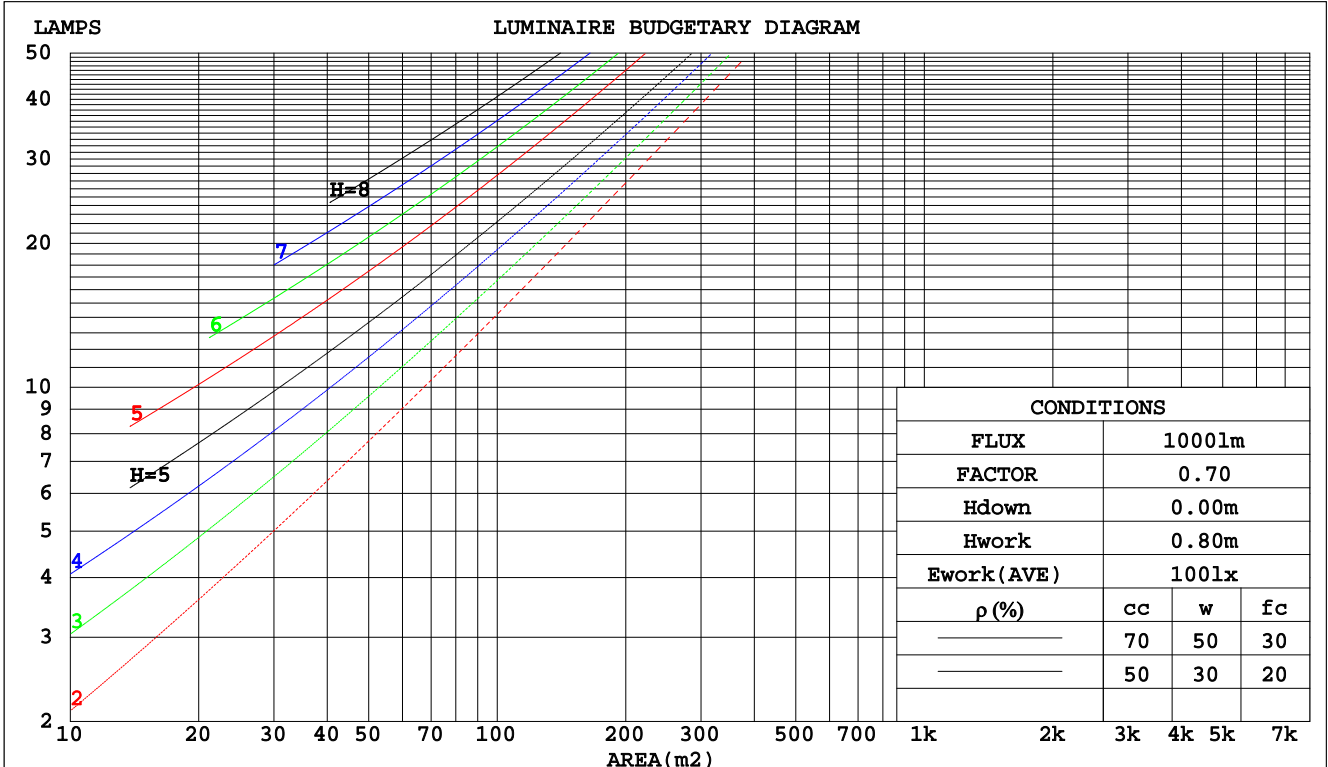
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.0DEG
 Operators: Ben
 Test Date: 2021-01-14

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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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	1.02	1.02	1.02	.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	.67	.72	.68	.65	.62
3.0	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.63	.58	.54	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5.0	.60	.51	.44	.58	.50	.43	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38
6.0	.54	.45	.38	.52	.44	.38	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33
7.0	.49	.40	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.41	.35	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.36	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.36	.29	.24	.35	.28	.23	.34	.27	.23	.32	.27	.22	.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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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	.334	.190	.060	.325	.185	.059	.308	.177	.056	.292	.169	.054	.278	.161	.052	
2.0	.306	.168	.051	.298	.164	.051	.283	.157	.049	.269	.151	.047	.256	.145	.046	
3.0	.280	.149	.045	.273	.146	.044	.259	.140	.043	.246	.135	.041	.235	.130	.040	
4.0	.256	.133	.039	.250	.131	.039	.237	.126	.038	.226	.121	.037	.215	.117	.036	
5.0	.235	.120	.035	.230	.118	.034	.219	.114	.034	.208	.110	.033	.199	.106	.032	
6.0	.217	.109	.031	.212	.107	.031	.202	.104	.030	.193	.100	.029	.184	.097	.029	
7.0	.202	.100	.028	.197	.098	.028	.188	.095	.027	.180	.092	.027	.172	.089	.026	
8.0	.188	.092	.026	.184	.090	.026	.175	.088	.025	.168	.085	.025	.161	.082	.024	
9.0	.176	.085	.024	.172	.084	.024	.164	.081	.023	.157	.079	.023	.151	.077	.022	
10.0	.165	.079	.022	.161	.078	.022	.155	.076	.021	.148	.074	.021	.142	.072	.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	.240	.240	.240	.205	.205	.205	.140	.140	.140	.080	.080	.080	.026	.026	.026	
1.0	.232	.206	.182	.199	.177	.157	.136	.122	.109	.078	.070	.063	.025	.023	.020	
2.0	.225	.182	.147	.192	.157	.127	.132	.109	.088	.076	.063	.052	.024	.020	.017	
3.0	.217	.165	.124	.186	.142	.107	.128	.099	.075	.074	.058	.044	.024	.019	.015	
4.0	.209	.152	.108	.180	.131	.094	.124	.092	.066	.071	.054	.039	.023	.017	.013	
5.0	.202	.142	.097	.173	.123	.085	.119	.086	.060	.069	.050	.036	.022	.016	.012	
6.0	.195	.134	.090	.167	.116	.078	.115	.081	.055	.067	.048	.033	.022	.016	.011	
7.0	.188	.127	.084	.162	.110	.073	.112	.077	.052	.065	.045	.031	.021	.015	.010	
8.0	.181	.121	.080	.156	.105	.070	.108	.074	.049	.063	.044	.029	.020	.014	.010	
9.0	.175	.116	.076	.151	.101	.067	.105	.071	.047	.061	.042	.028	.020	.014	.009	
10.0	.169	.112	.074	.146	.097	.064	.101	.068	.046	.059	.040	.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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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	19.2	20.7	19.6	21.0	21.3	19.1	20.6	19.5	20.9	21.2
3H	20.8	22.1	21.2	22.5	22.9	20.8	22.2	21.2	22.5	22.9
4H	21.4	22.7	21.8	23.1	23.5	21.6	22.9	22.0	23.2	23.6
6H	21.8	23.0	22.2	23.4	23.8	22.2	23.4	22.7	23.8	24.3
8H	21.9	23.1	22.3	23.5	23.9	22.5	23.7	23.0	24.1	24.5
12H	21.9	23.0	22.4	23.5	23.9	22.8	24.0	23.3	24.4	24.8
4H 2H	19.8	21.1	20.2	21.5	21.9	19.8	21.1	20.2	21.4	21.8
3H	21.6	22.7	22.1	23.2	23.6	21.7	22.8	22.1	23.2	23.7
4H	22.4	23.4	22.8	23.8	24.3	22.6	23.6	23.0	24.0	24.5
6H	22.9	23.8	23.4	24.3	24.8	23.4	24.3	23.9	24.7	25.3
8H	23.0	23.9	23.5	24.4	24.9	23.7	24.6	24.2	25.1	25.6
12H	23.1	23.9	23.6	24.4	24.9	24.1	24.9	24.7	25.4	26.0
8H 4H	22.7	23.5	23.2	24.0	24.5	22.9	23.7	23.4	24.2	24.7
6H	23.4	24.1	23.9	24.6	25.2	23.9	24.6	24.4	25.1	25.7
8H	23.6	24.3	24.2	24.8	25.4	24.4	25.0	24.9	25.5	26.1
12H	23.8	24.3	24.4	24.9	25.5	24.9	25.5	25.5	26.0	26.7
12H 4H	22.7	23.5	23.2	24.0	24.5	22.9	23.7	23.4	24.2	24.7
6H	23.5	24.1	24.0	24.7	25.3	23.9	24.6	24.5	25.1	25.7
8H	23.8	24.3	24.4	24.9	25.5	24.5	25.1	25.1	25.6	26.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 3308 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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

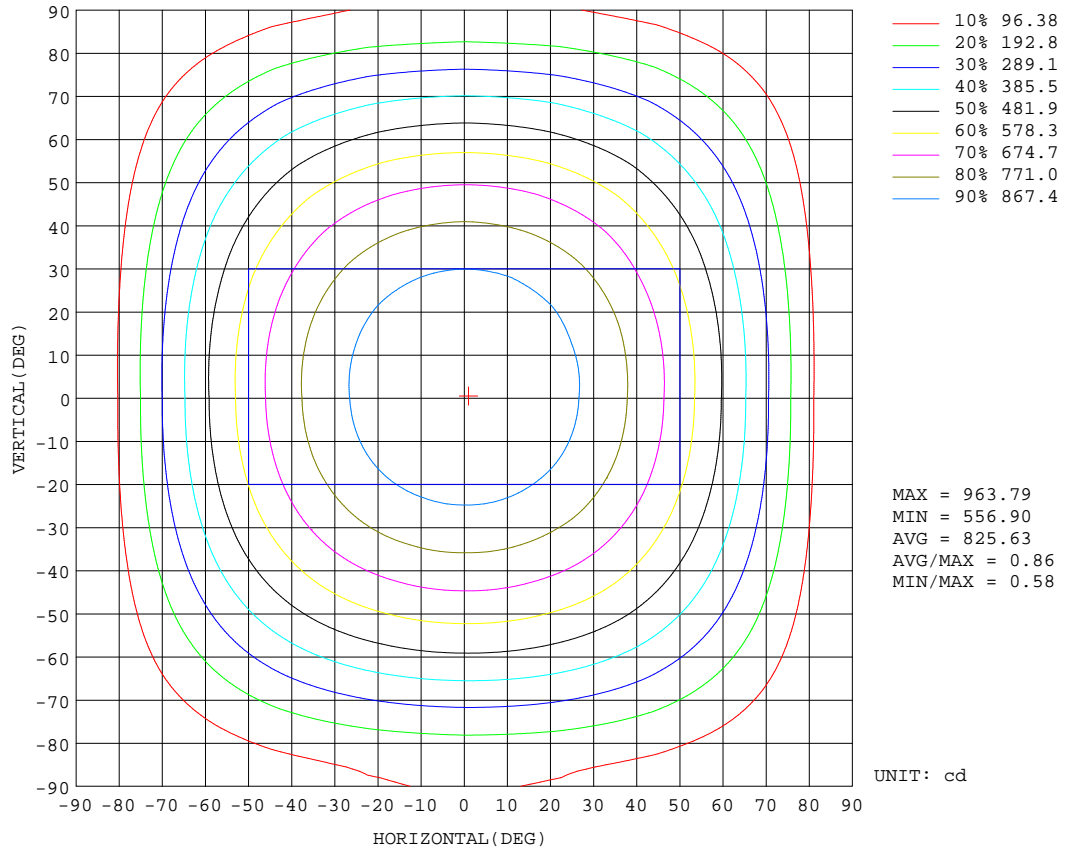
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	54	42	34	53	41	34	51	41	34	27
0.80	63	51	44	62	51	43	60	50	43	35
1.00	72	60	52	70	59	52	67	60	51	43
1.25	79	67	60	77	66	59	74	65	58	50
1.50	84	73	65	82	72	65	78	70	63	55
2.00	91	82	74	89	80	73	84	77	71	62
2.50	95	86	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	89	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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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

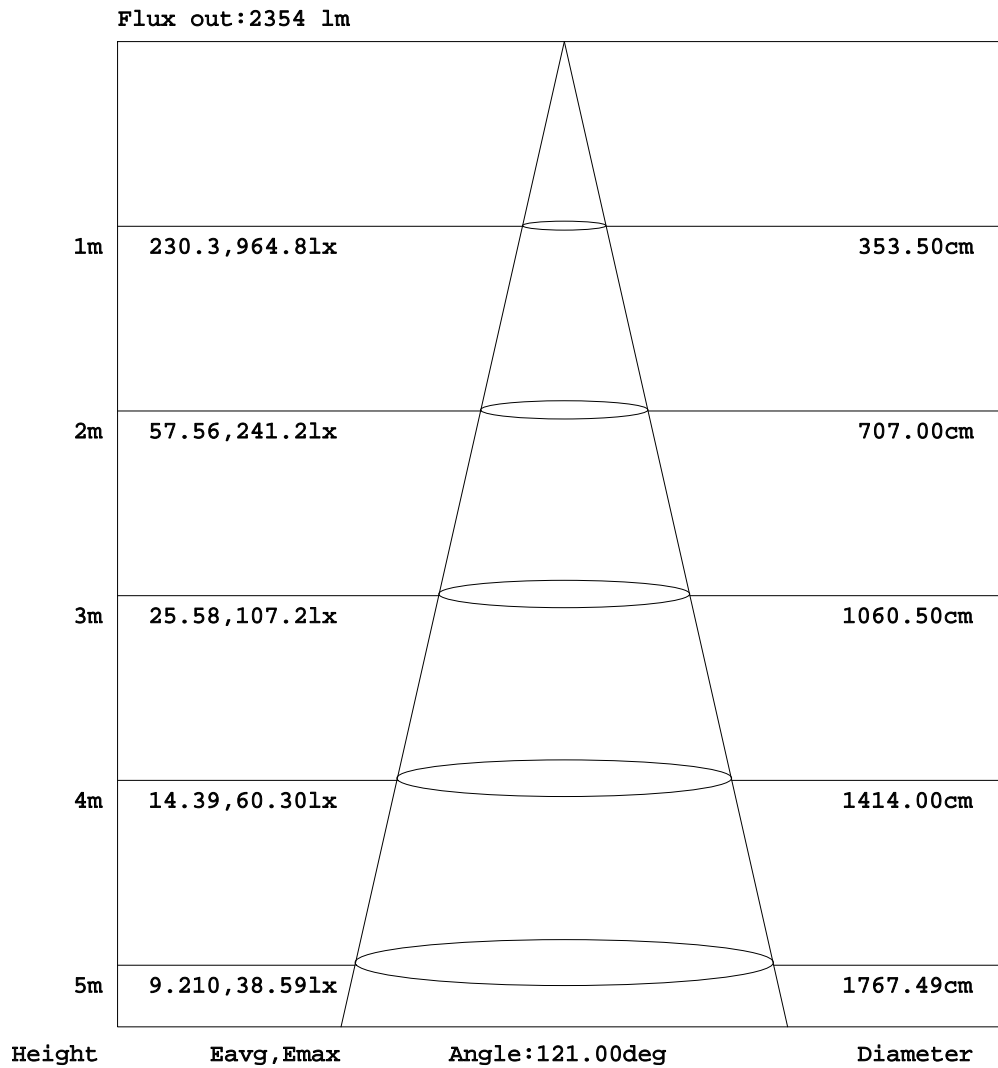


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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 Test Date:2021-01-14

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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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



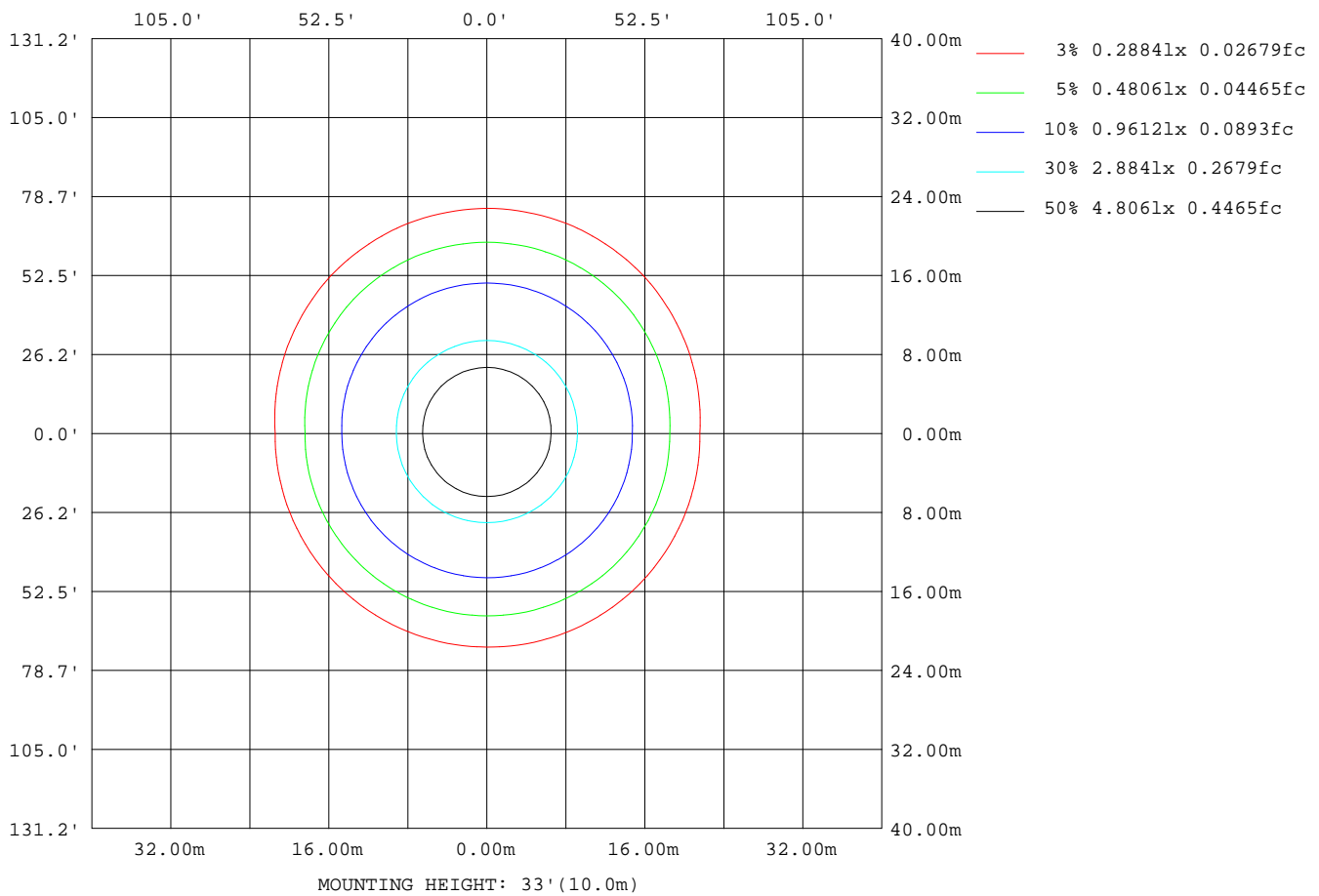
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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

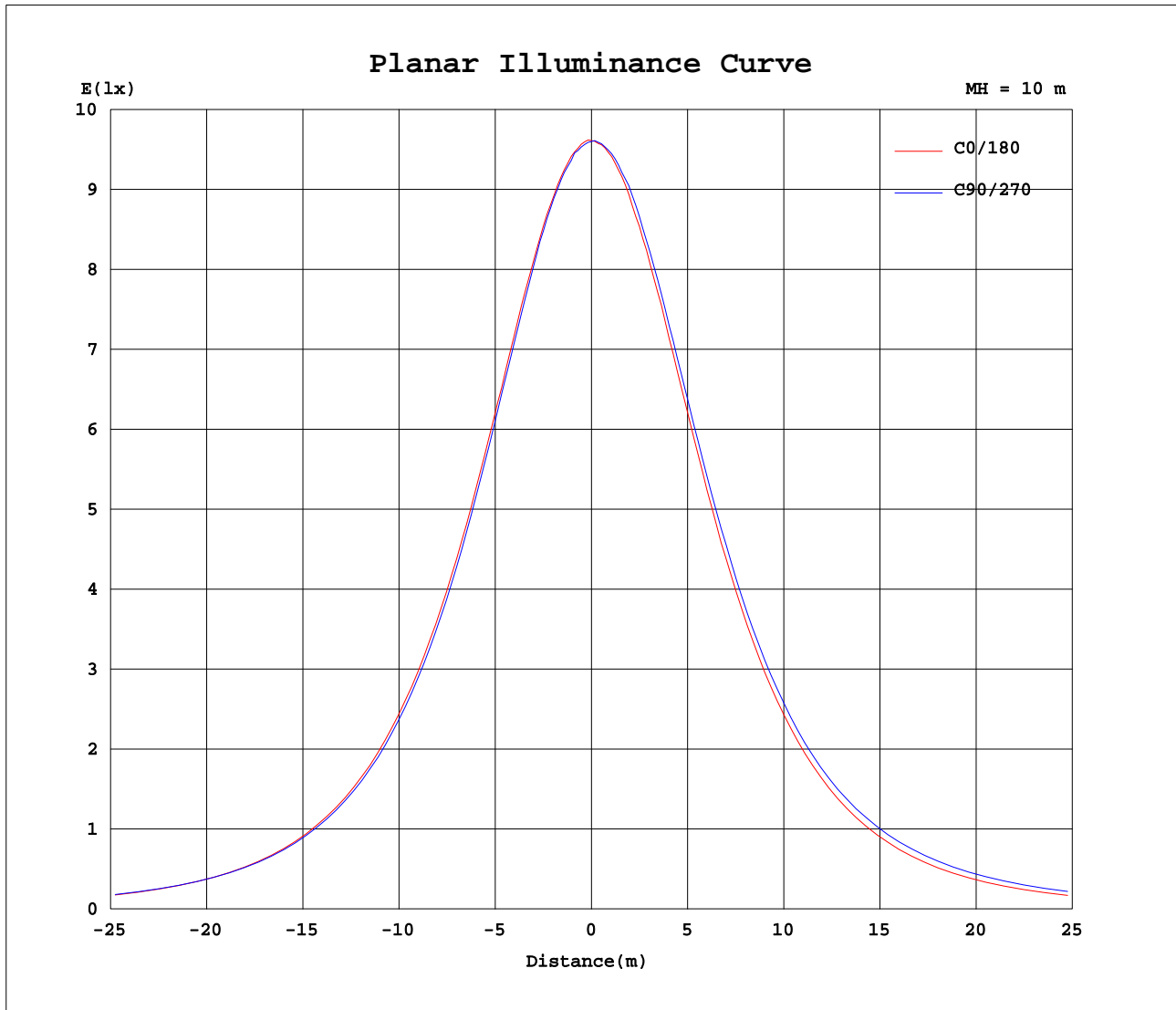
AvgL	cd/m2
L_0~180(65)av	6546
L_0~180(75)av	5536
L_0~180(85)av	2736
L_90~270(65)av	7300
L_90~270(75)av	7619
L_90~270(85)av	11428
L_45(65)av	7144
L_45(75)av	7081
L_45(85)av	8849

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:0.1128A P:24.37W PF:0.9394 Lamp Flux:3307.67x1 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	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960	960			
5	957	959	956	955	957	955	957	954	957	959	960	962	961	959	961	956			
10	947	946	944	944	943	943	945	945	948	950	953	956	956	956	955	947			
15	931	930	927	924	927	924	930	926	929	937	942	945	944	943	942	933			
20	909	905	903	899	898	899	902	905	909	915	921	923	927	926	922	913			
25	875	876	871	868	866	865	872	873	877	888	895	900	900	898	896	886			
30	842	838	832	828	827	828	832	836	842	852	862	866	867	866	862	851			
35	797	796	789	783	779	780	788	791	796	812	821	825	829	824	822	809			
40	749	744	738	731	728	730	736	741	745	761	773	780	780	780	775	761			
45	690	689	682	673	671	671	679	682	687	708	721	727	730	725	722	706			
50	626	624	620	612	608	609	614	618	622	643	661	667	669	668	662	644			
55	554	555	551	546	541	540	546	545	547	575	594	603	606	602	596	576			
60	475	477	477	473	469	468	470	468	469	497	523	533	537	535	525	502			
65	390	396	399	397	393	390	389	384	380	416	445	459	466	460	448	420			
70	299	308	317	318	315	312	307	296	289	329	364	382	387	384	367	334			
75	205	220	234	239	238	232	223	206	194	239	280	302	311	304	284	246			
80	115	134	156	166	168	160	145	122	102	151	197	223	232	225	201	159			
85	38.5	63.6	93.3	111	115	107	86.6	54.6	27.9	74.7	122	152	162	153	127	81.6			
90	2.65	32.8	70.7	93.3	101	92.8	69.8	32.3	0.13	33.5	74.8	101	110	102	76.4	35.2			
95	0.28	27.9	64.3	86.6	93.8	85.8	63.5	27.7	0.14	28.7	66.0	89.2	97.0	89.2	66.2	29.0			
100	0.33	24.2	58.1	79.7	86.4	79.0	57.6	24.2	0.18	25.1	60.3	82.9	90.3	82.8	60.5	25.4			
105	0.39	21.3	52.4	72.9	79.7	72.5	51.8	21.4	0.22	22.2	54.7	76.2	83.7	76.2	55.0	22.4			
110	0.42	18.8	47.2	66.5	72.8	66.0	46.9	18.9	0.27	19.8	49.4	69.7	76.5	69.5	49.6	19.9			
115	0.46	16.6	42.2	60.1	66.1	59.8	42.0	16.8	0.35	17.8	44.4	63.0	69.5	62.9	44.5	17.8			
120	0.53	14.5	37.5	53.9	59.5	53.4	37.4	14.7	0.41	15.8	39.5	56.7	62.5	56.6	39.6	15.8			
125	0.65	12.5	33.0	47.6	52.7	47.4	33.0	12.8	0.52	14.1	34.9	50.2	55.8	50.2	35.0	14.0			
130	0.76	10.8	28.8	41.9	46.4	41.6	28.8	11.0	0.55	12.3	30.5	44.1	48.9	44.1	30.6	12.3			
135	0.95	9.07	24.7	36.2	40.4	36.2	24.8	9.34	0.62	10.6	26.2	38.1	42.4	38.3	26.6	10.8			
140	1.22	7.56	20.9	30.8	34.4	30.7	21.1	7.82	0.67	8.65	22.0	32.4	36.2	32.8	22.9	9.51			
145	1.47	6.22	17.3	25.7	28.9	25.8	17.5	6.15	0.76	6.39	17.6	26.5	30.2	27.8	19.8	8.73			
150	1.70	4.99	13.8	20.8	23.4	20.8	14.1	5.07	0.86	4.25	13.2	20.9	24.5	23.1	17.1	8.21			
155	1.90	3.91	10.5	16.0	18.1	16.1	10.7	3.94	1.05	2.43	9.14	15.5	19.0	18.6	14.5	7.77			
160	2.04	3.04	7.45	11.5	13.1	11.5	7.55	2.94	1.13	1.45	5.19	10.6	13.9	14.2	11.6	6.89			
165	2.04	2.36	4.70	7.32	8.37	7.40	4.25	2.31	1.21	1.25	2.94	6.18	9.13	9.73	8.33	5.19			
170	1.98	2.06	2.76	3.90	4.43	3.77	2.59	2.03	1.30	1.31	1.92	3.25	5.10	5.71	4.93	3.37			
175	1.82	1.83	1.93	2.08	2.12	1.98	1.92	1.86	1.46	1.46	1.55	1.91	2.27	2.69	2.45	1.93			
180	1.65	1.64	1.66	1.69	1.79	1.71	1.67	1.66	1.64	1.64	1.65	1.67	1.71	1.79	1.72	1.68			

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