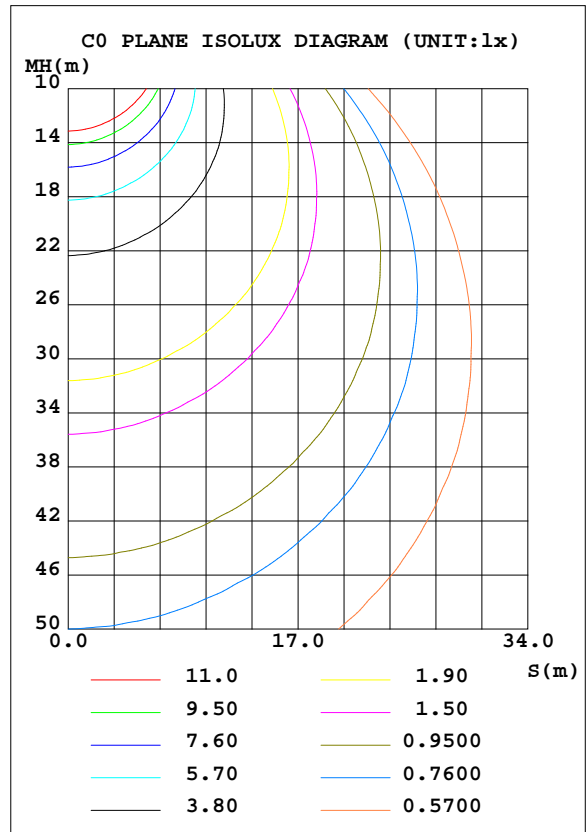
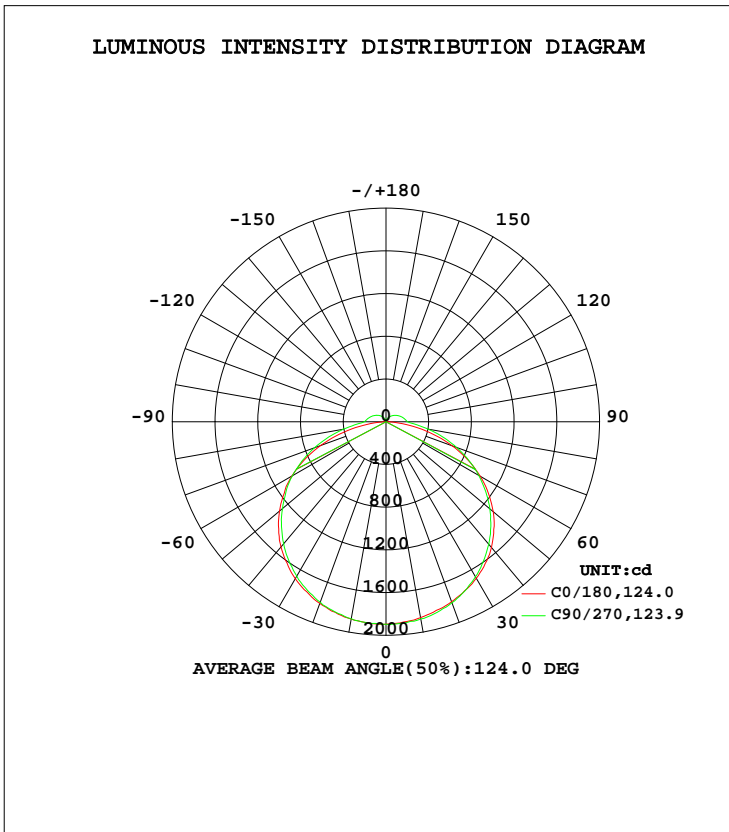


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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: 137.59 lm/W			
MODEL	RSZ210112507-10	I _{max} (cd)	1900	S/MH(C0/180)	1.33
NOMINAL POWER(W)	48	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6728.2	η UP, DN(C0-180)	3.2,46.7
NOMINAL FLUX(lm)	6728.19	CIE CLASS	DIRECT	η UP, DN(C180-360)	3.2,46.9
LAMPS INSIDE	1	η up(%)	6.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down(%)	93.6	CIBSE SHR MAX	1.55



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	1863	1878	1876	1860	1876	1872	1874	1885	0- 10	179.9	179.9	2.67,2.67
20	1794	1810	1805	1782	1810	1801	1800	1821	10- 20	521.1	700.9	10.4,10.4
30	1692	1693	1675	1665	1698	1681	1671	1704	20- 30	807.4	1508	22.4,22.4
40	1536	1522	1497	1506	1530	1511	1491	1535	30- 40	1006	2515	37.4,37.4
50	1311	1300	1271	1298	1302	1289	1265	1314	40- 50	1089	3604	53.6,53.6
60	1018	1023	1002	1033	1018	1026	1012	1051	50- 60	1041	4645	69,69
70	659.4	702.7	702.4	714.1	651.7	703.6	712.6	730.8	60- 70	856.0	5501	81.8,81.8
80	265.6	368.7	401.5	380.1	251.1	363.6	404.7	390.4	70- 80	555.9	6056	90,90
90	5.015	146.0	202.5	152.4	0.3099	148.3	203.4	151.2	80- 90	239.4	6296	93.6,93.6
100	0.7053	119.9	174.9	126.3	0.3960	121.2	173.8	121.2	90-100	127.2	6423	95.5,95.5
110	0.8816	96.56	147.4	102.2	0.6252	99.20	146.5	99.10	100-110	102.2	6525	97,97
120	1.084	75.50	119.8	80.31	0.8552	79.07	119.5	79.39	110-120	77.94	6603	98.1,98.1
130	1.553	56.89	93.19	60.48	1.149	60.28	94.43	61.27	120-130	55.50	6659	99,99
140	2.412	40.31	68.33	42.88	1.351	42.21	70.20	45.39	130-140	36.10	6695	99.5,99.5
150	3.348	26.54	45.64	28.33	1.686	24.09	46.90	33.07	140-150	20.61	6715	99.8,99.8
160	4.029	14.19	25.47	14.61	2.246	7.654	25.36	21.39	150-160	9.495	6725	100,100
170	3.939	5.370	8.749	5.496	2.618	3.075	7.672	8.291	160-170	2.890	6728	100,100
180	3.327	3.408	3.695	3.409	3.324	3.332	3.596	3.582	170-180	0.4147	6728	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3056.9 lm

%lum = 45.4%
%lamp = 45.4%

Conical surface Flux(120deg): 4644.6 lm

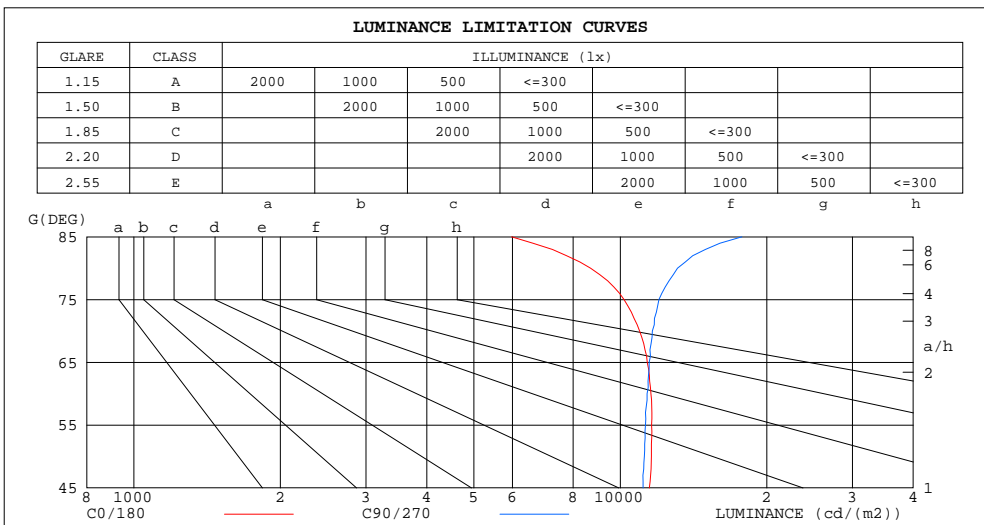
%lum = 69.0%
%lamp = 69.0%

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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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	5980	17780
80	8688	13103
75	10174	12004
70	10952	11639
65	11356	11462
60	11562	11354
55	11594	11263
50	11583	11206
45	11472	11133

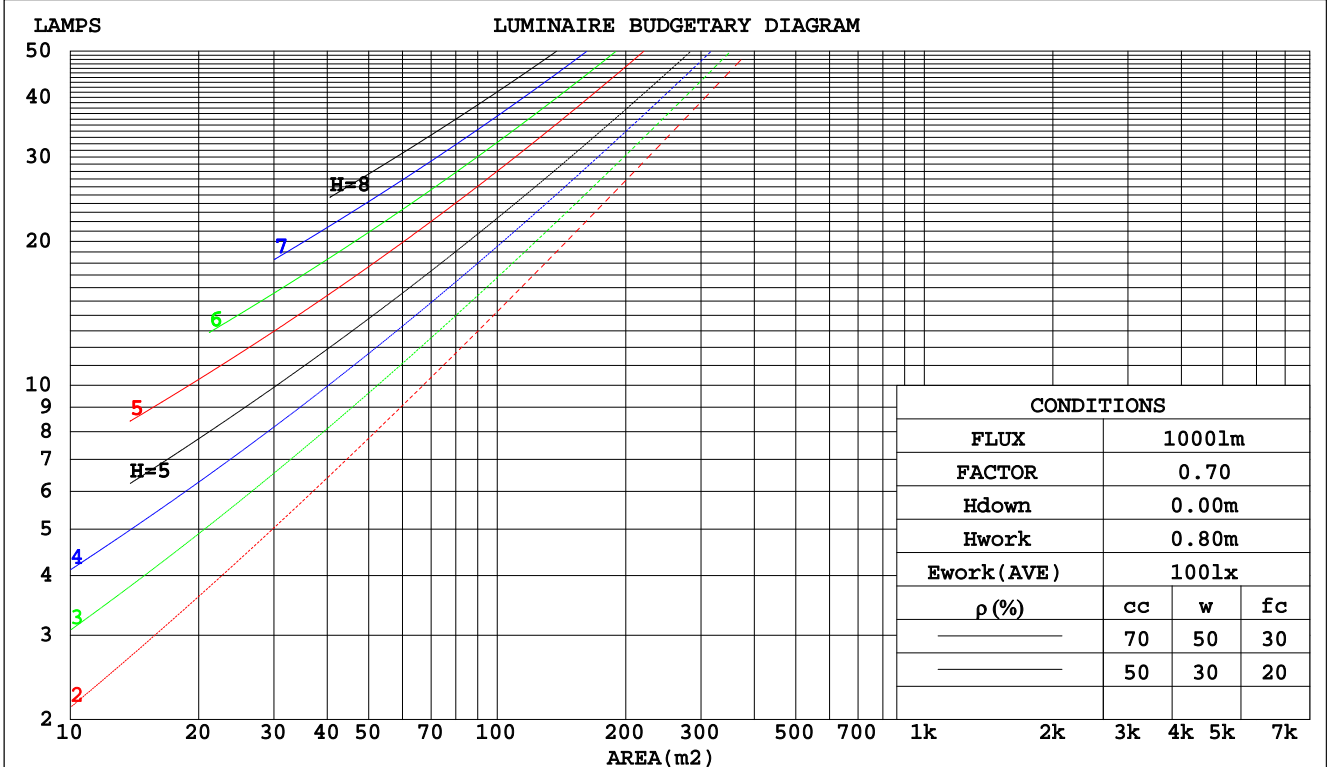
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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
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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.96	.96	.96	.94
1.0	1.01	.96	.92	.98	.94	.90	.92	.89	.86	.87	.85	.82	.83	.81	.78	.76
2.0	.87	.80	.74	.85	.78	.72	.80	.74	.70	.76	.71	.67	.72	.68	.65	.62
3.0	.76	.67	.60	.74	.66	.59	.70	.63	.58	.66	.60	.56	.63	.58	.54	.51
4.0	.67	.58	.51	.65	.56	.50	.62	.54	.48	.59	.52	.47	.56	.50	.46	.43
5.0	.59	.50	.43	.58	.49	.43	.55	.47	.42	.52	.46	.41	.50	.44	.39	.37
6.0	.53	.44	.37	.52	.43	.37	.49	.42	.36	.47	.40	.35	.45	.39	.34	.32
7.0	.48	.39	.33	.47	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28
8.0	.44	.35	.29	.43	.35	.29	.41	.33	.28	.39	.33	.28	.37	.32	.27	.25
9.0	.40	.32	.26	.39	.31	.26	.38	.30	.25	.36	.29	.25	.35	.29	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20



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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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	.338	.192	.061	.329	.188	.060	.312	.179	.057	.297	.171	.055	.282	.164	.053	
2.0	.310	.170	.052	.302	.166	.051	.286	.159	.049	.272	.153	.048	.259	.147	.046	
3.0	.283	.150	.045	.275	.147	.044	.262	.142	.043	.249	.136	.042	.237	.131	.041	
4.0	.258	.134	.039	.252	.132	.039	.240	.127	.038	.228	.123	.037	.218	.118	.036	
5.0	.237	.121	.035	.231	.119	.035	.220	.115	.034	.210	.111	.033	.201	.107	.032	
6.0	.219	.110	.031	.214	.108	.031	.204	.104	.030	.195	.101	.030	.186	.098	.029	
7.0	.203	.100	.028	.198	.099	.028	.189	.096	.028	.181	.093	.027	.173	.090	.026	
8.0	.189	.092	.026	.185	.091	.026	.177	.088	.025	.169	.086	.025	.162	.083	.024	
9.0	.177	.085	.024	.173	.084	.024	.165	.082	.023	.158	.079	.023	.152	.077	.022	
10.0	.166	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.143	.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	.239	.239	.239	.205	.205	.205	.140	.140	.140	.080	.080	.080	.026	.026	.026	
1.0	.232	.205	.181	.198	.176	.156	.136	.121	.108	.078	.070	.063	.025	.023	.020	
2.0	.224	.182	.146	.192	.156	.126	.132	.108	.088	.076	.063	.051	.024	.020	.017	
3.0	.217	.164	.122	.186	.142	.106	.128	.098	.074	.074	.058	.044	.024	.019	.014	
4.0	.209	.151	.107	.180	.131	.093	.124	.091	.066	.071	.053	.039	.023	.017	.013	
5.0	.202	.141	.096	.173	.122	.084	.119	.085	.059	.069	.050	.035	.022	.016	.012	
6.0	.195	.133	.089	.167	.115	.077	.115	.081	.055	.067	.047	.033	.022	.016	.011	
7.0	.188	.126	.083	.161	.109	.073	.112	.077	.051	.065	.045	.031	.021	.015	.010	
8.0	.181	.121	.079	.156	.105	.069	.108	.073	.049	.063	.043	.029	.020	.014	.010	
9.0	.175	.116	.076	.151	.100	.066	.104	.071	.047	.061	.042	.028	.020	.014	.009	
10.0	.169	.111	.073	.146	.097	.064	.101	.068	.045	.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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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	21.2	22.7	21.5	23.0	23.3	21.0	22.5	21.4	22.8	23.2
3H	22.9	24.2	23.3	24.6	25.0	22.9	24.3	23.3	24.6	25.0
4H	23.5	24.8	23.9	25.2	25.6	23.7	25.0	24.1	25.4	25.8
6H	24.0	25.2	24.4	25.6	26.0	24.5	25.7	24.9	26.1	26.5
8H	24.1	25.3	24.5	25.7	26.1	24.9	26.0	25.3	26.4	26.9
12H	24.1	25.3	24.6	25.7	26.1	25.2	26.4	25.7	26.8	27.2
4H 2H	21.8	23.1	22.2	23.5	23.9	21.7	23.1	22.2	23.4	23.8
3H	23.7	24.9	24.2	25.3	25.7	23.8	24.9	24.2	25.3	25.8
4H	24.5	25.6	25.0	26.0	26.5	24.8	25.8	25.2	26.2	26.7
6H	25.1	26.1	25.6	26.5	27.0	25.7	26.6	26.2	27.1	27.6
8H	25.3	26.2	25.8	26.7	27.2	26.1	27.0	26.6	27.5	28.0
12H	25.4	26.2	25.9	26.7	27.3	26.6	27.4	27.1	27.9	28.4
8H 4H	24.9	25.8	25.4	26.3	26.8	25.1	26.0	25.6	26.4	27.0
6H	25.7	26.4	26.2	26.9	27.5	26.2	27.0	26.8	27.5	28.0
8H	26.0	26.6	26.6	27.2	27.8	26.8	27.5	27.4	28.0	28.6
12H	26.2	26.7	26.8	27.3	27.9	27.4	28.0	28.0	28.5	29.2
12H 4H	25.0	25.8	25.5	26.3	26.8	25.1	25.9	25.6	26.4	27.0
6H	25.8	26.5	26.4	27.0	27.6	26.3	27.0	26.9	27.5	28.1
8H	26.2	26.7	26.8	27.3	27.9	27.0	27.5	27.5	28.1	28.7
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 / - 0.4					+ 0.1 / - 0.4				

CIE Pub.117 Corrected 6728 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.6)

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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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

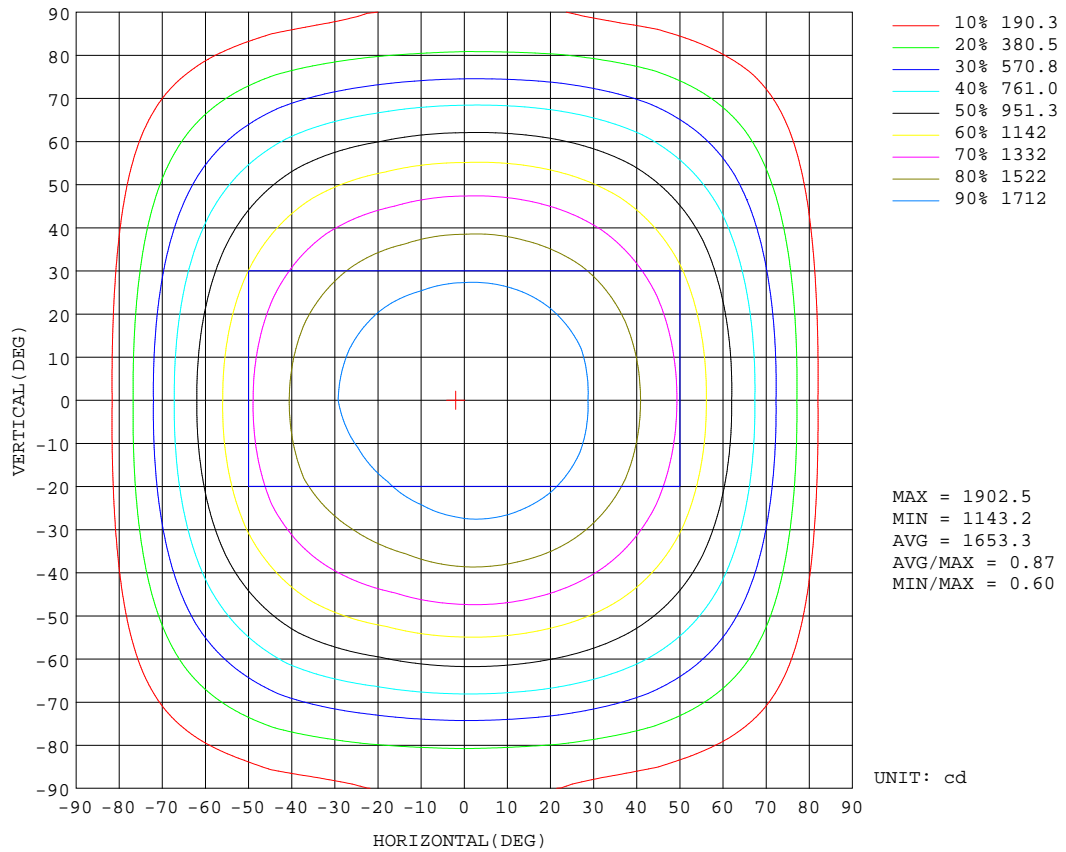
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	53	41	34	52	41	34	51	40	33	27
0.80	63	51	43	62	50	43	59	49	42	35
1.00	71	59	51	70	58	51	67	60	50	42
1.25	78	67	59	77	66	59	73	64	57	49
1.50	83	73	65	81	71	64	78	69	63	54
2.00	91	81	74	88	80	73	84	77	71	62
2.50	95	86	79	92	84	78	88	81	76	66
3.00	98	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	102	97	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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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

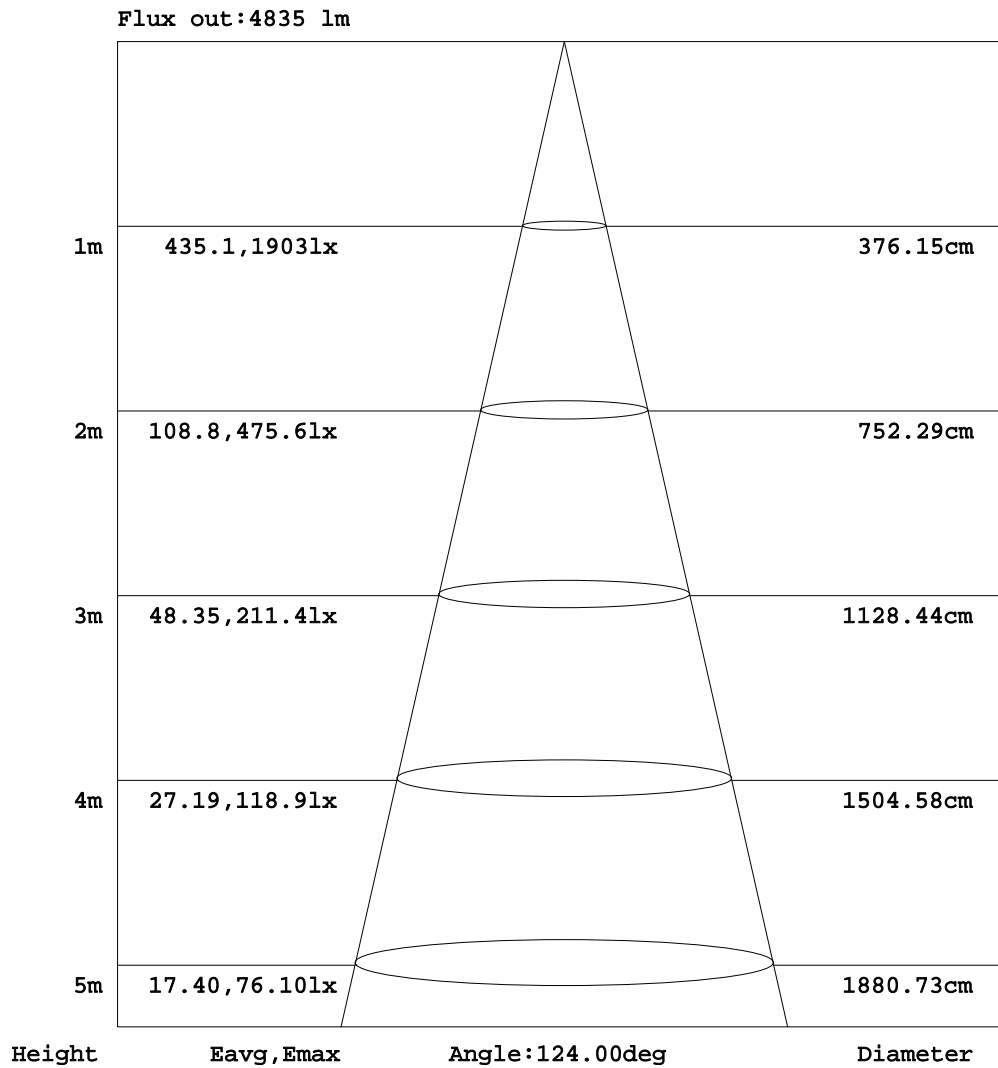


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Ben
 Test Date:2021-01-14

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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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



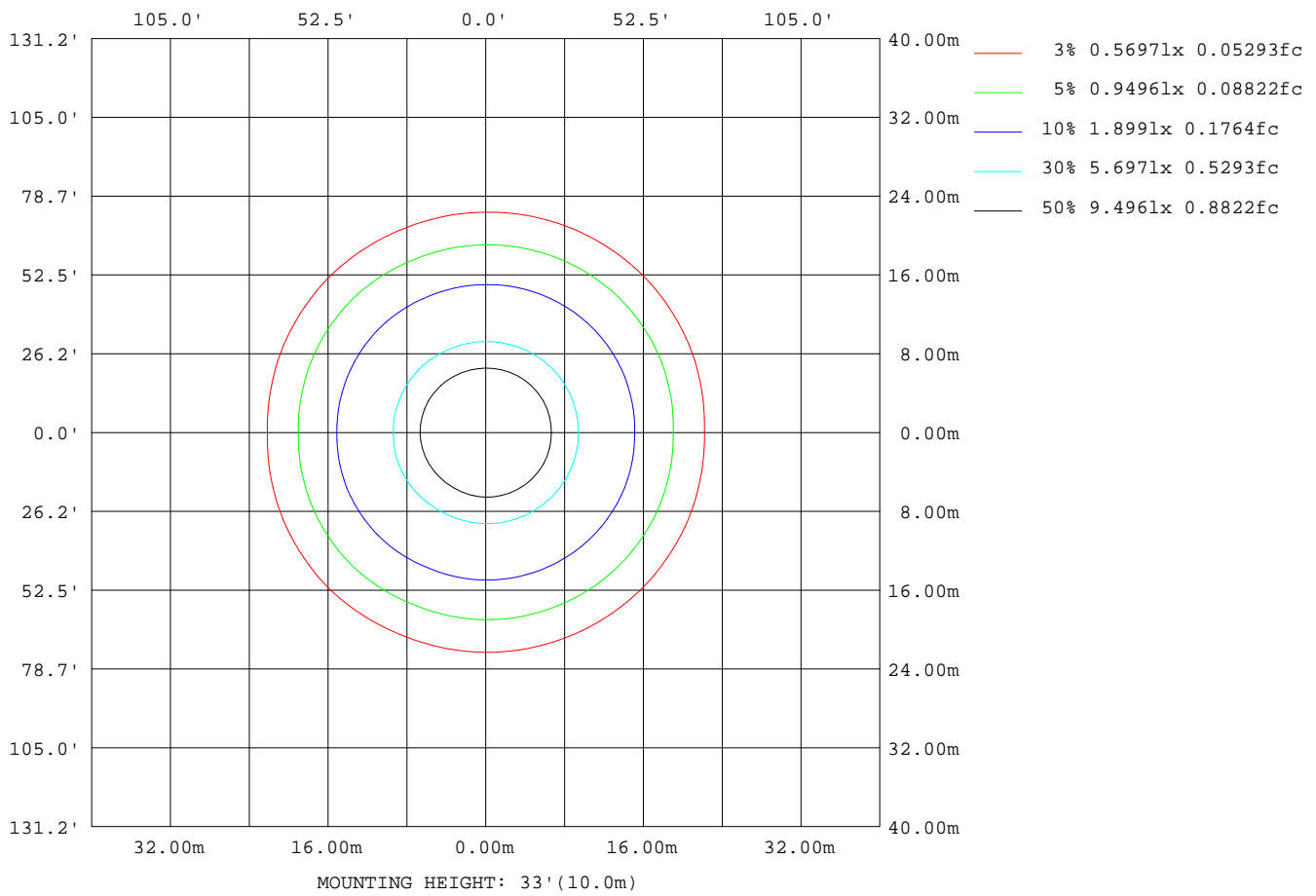
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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

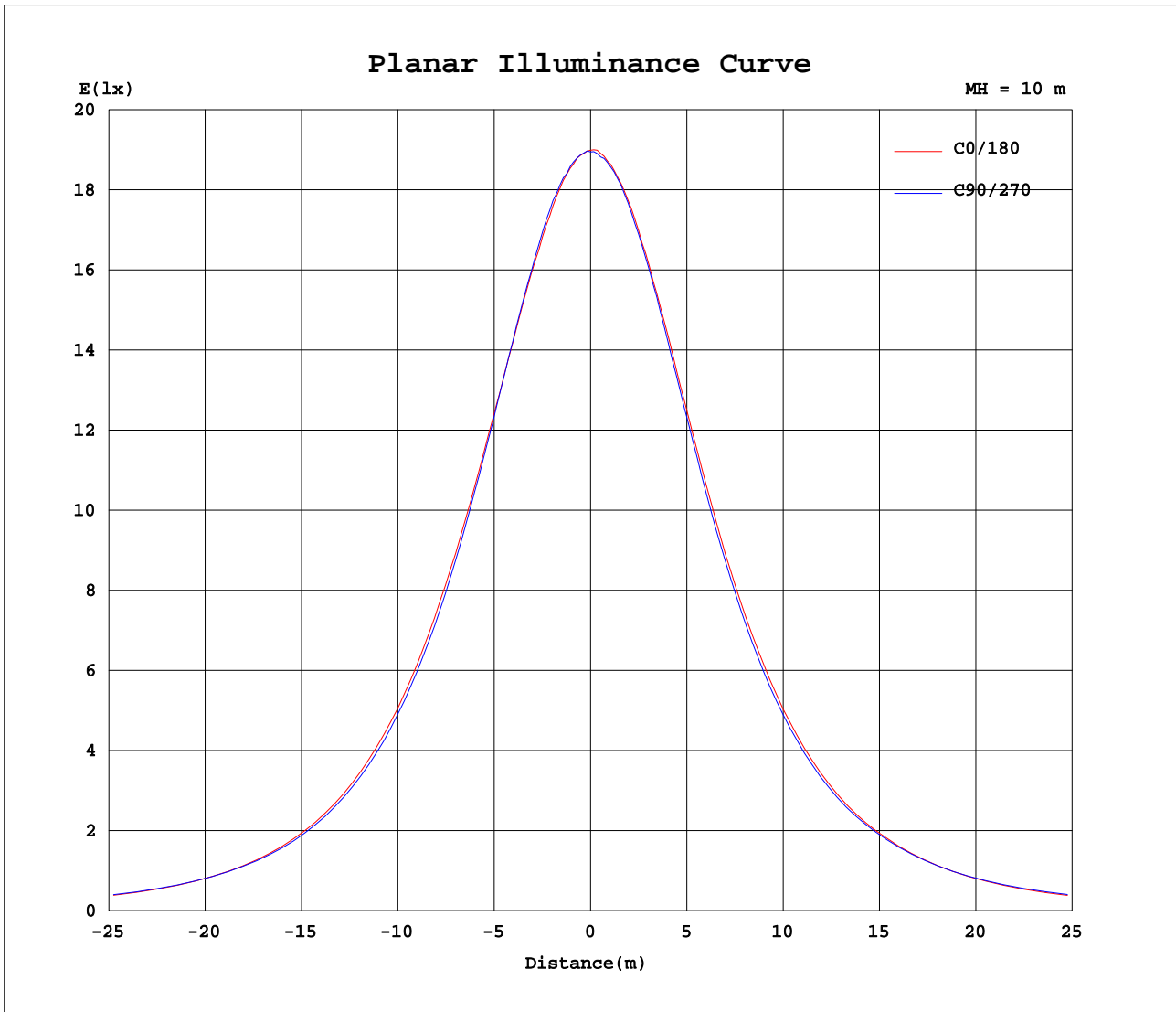
AvgL	cd/m2
L_0~180(65)av	11312
L_0~180(75)av	10015
L_0~180(85)av	5550
L_90~270(65)av	11533
L_90~270(75)av	12087
L_90~270(85)av	17814
L_45(65)av	11775
L_45(75)av	11867
L_45(85)av	14914

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
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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:0.2190A P:48.90W PF:0.9707 Lamp Flux:6728.19x1 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	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895	1895			
5	1882	1889	1892	1893	1892	1890	1880	1883	1889	1890	1890	1889	1890	1896	1894	1898			
10	1863	1872	1878	1877	1876	1870	1860	1856	1876	1872	1872	1869	1874	1882	1885	1885			
15	1828	1844	1850	1852	1848	1838	1825	1824	1846	1846	1843	1842	1844	1857	1858	1860			
20	1794	1806	1810	1806	1805	1793	1782	1785	1810	1809	1801	1793	1800	1815	1821	1824			
25	1745	1758	1758	1754	1748	1735	1728	1739	1757	1757	1748	1737	1742	1760	1768	1773			
30	1692	1698	1693	1682	1675	1665	1665	1684	1698	1693	1681	1664	1671	1692	1704	1711			
35	1619	1626	1615	1600	1593	1581	1589	1621	1616	1618	1605	1582	1587	1610	1624	1635			
40	1536	1537	1522	1504	1497	1486	1506	1541	1530	1527	1511	1485	1491	1513	1535	1546			
45	1428	1434	1419	1398	1389	1381	1408	1443	1420	1423	1408	1379	1384	1408	1428	1441			
50	1311	1314	1300	1278	1271	1263	1298	1324	1302	1304	1289	1258	1265	1291	1314	1326			
55	1171	1180	1168	1148	1140	1136	1171	1190	1163	1171	1164	1139	1144	1167	1184	1189			
60	1018	1030	1023	1008	1002	998	1033	1038	1018	1031	1026	1003	1012	1033	1051	1054			
65	845	865	868	857	855	852	878	873	842	863	871	857	865	885	895	886			
70	659	687	703	703	702	699	714	693	652	684	704	699	713	727	731	711			
75	464	502	532	544	548	544	545	508	451	496	531	542	556	566	559	522			
80	266	319	369	394	401	395	380	324	251	311	364	387	405	409	390	339			
85	91.7	157	223	260	273	264	234	162	78.9	154	220	257	274	272	241	172			
90	5.02	70.8	146	189	202	191	152	75.5	0.31	71.7	148	188	203	193	151	74.0			
95	0.62	59.5	132	174	188	176	138	64.7	0.33	60.9	135	173	188	177	135	61.0			
100	0.71	50.6	120	161	175	164	126	56.0	0.40	53.2	121	159	174	163	121	53.1			
105	0.81	43.7	108	148	161	150	114	48.6	0.52	47.0	110	146	160	150	110	46.8			
110	0.88	37.9	96.6	135	147	137	102	42.4	0.63	41.7	99.2	133	147	137	99.1	41.6			
115	0.95	32.8	85.7	121	133	123	90.9	37.0	0.72	36.9	88.9	120	134	123	89.1	36.9			
120	1.08	28.3	75.5	108	120	110	80.3	32.2	0.86	32.4	79.1	107	119	111	79.4	32.6			
125	1.28	24.4	65.9	95.6	106	97.3	70.1	27.7	0.99	28.2	69.5	95.4	107	98.6	70.1	28.5			
130	1.55	20.7	56.9	83.6	93.2	84.9	60.5	23.6	1.15	24.0	60.3	84.1	94.4	86.9	61.3	24.7			
135	1.89	17.3	48.2	72.0	80.6	73.2	51.3	20.0	1.25	20.0	51.2	72.7	82.3	75.7	53.0	21.3			
140	2.41	14.3	40.3	60.9	68.3	61.8	42.9	16.5	1.35	15.7	42.2	61.6	70.2	64.9	45.4	18.4			
145	2.90	11.8	33.2	50.3	56.8	51.3	35.3	12.9	1.51	10.6	33.0	50.2	58.6	54.9	39.0	16.6			
150	3.35	9.37	26.5	40.4	45.6	41.2	28.3	10.5	1.69	6.24	24.1	39.1	46.9	45.3	33.1	15.1			
155	3.76	7.34	20.3	31.1	35.3	31.8	21.4	8.19	2.05	3.19	15.0	28.5	36.0	36.2	27.6	14.1			
160	4.03	5.52	14.2	22.5	25.5	23.0	14.6	6.23	2.25	2.36	7.65	17.7	25.4	26.8	21.4	12.0			
165	4.05	4.45	9.01	14.2	16.5	14.5	8.98	4.70	2.43	2.44	4.39	9.38	16.1	17.6	14.6	8.88			
170	3.94	4.01	5.37	7.44	8.75	7.78	5.50	4.02	2.62	2.63	3.07	5.04	7.67	9.54	8.29	5.54			
175	3.66	3.66	3.82	4.21	4.15	4.15	3.81	3.67	2.93	2.93	3.01	3.34	3.69	4.34	4.24	3.52			
180	3.33	3.33	3.41	3.57	3.70	3.57	3.41	3.33	3.32	3.32	3.33	3.40	3.60	3.67	3.58	3.41			

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