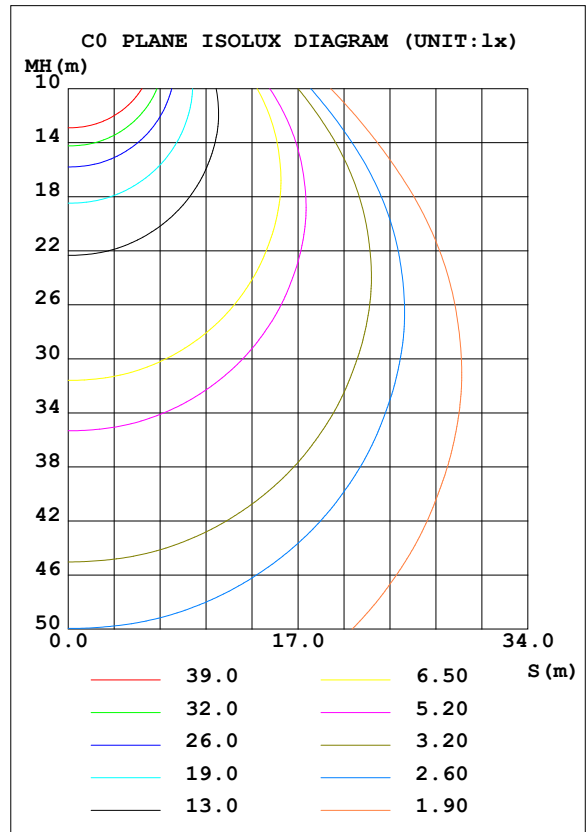
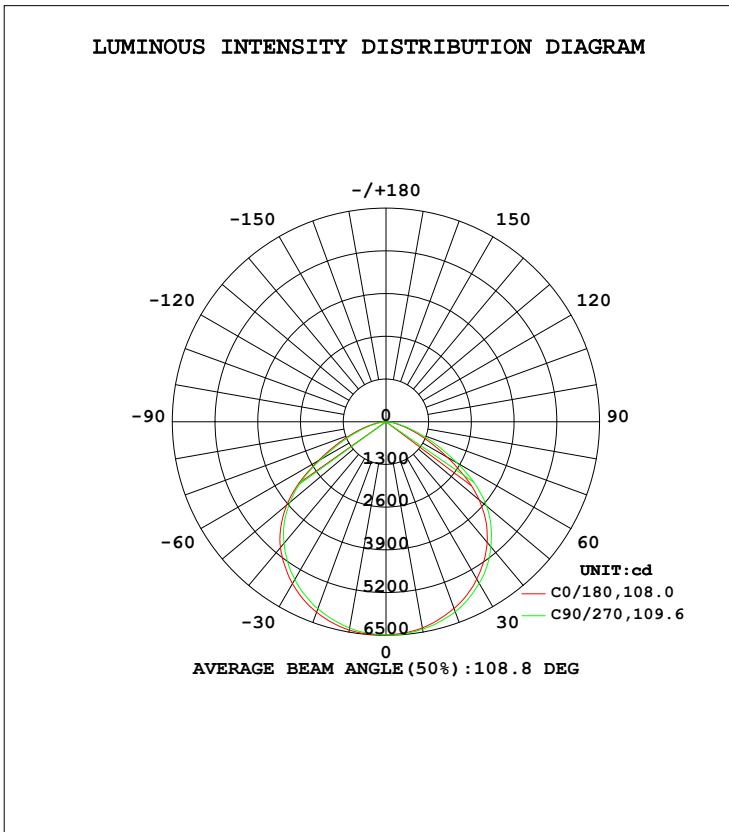


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME: LED CANOPY LIGHT	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.49 lm/W			
MODEL	ERS-C120W-A	I _{max} (cd)	6496	S/MH (C0/180)	1.27
NOMINAL POWER (W)	120	LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	17099	η UP, DN (C0-180)	0.1,49.5
NOMINAL FLUX (lm)	17099.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.4
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	99.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Ben
 Test Date: 2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [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	6437	6405	6374	6354	6369	6398	6410	6432	0- 10	615.2	615.2	3.6,3.6
20	6171	6125	6058	6043	6048	6090	6153	6172	10- 20	1772	2387	14,14
30	5692	5628	5545	5524	5527	5614	5674	5712	20- 30	2714	5102	29.8,29.8
40	4997	4914	4828	4790	4789	4901	4962	5016	30- 40	3306	8407	49.2,49.2
50	3943	3943	3817	3796	3704	3887	3991	4028	40- 50	3418	11826	69.2,69.2
60	2384	2417	2287	2234	2147	2382	2481	2503	50- 60	2820	14646	85.7,85.7
70	1106	1042	968.4	945.0	949.0	1066	1125	1154	60- 70	1634	16280	95.2,95.2
80	340.2	299.3	265.4	270.5	278.1	308.1	326.3	348.7	70- 80	664.0	16944	99.1,99.1
90	8.105	2.931	4.515	4.628	0.2977	0.4501	2.150	2.588	80- 90	136.7	17081	99.9,99.9
100	1.250	1.358	1.411	1.405	0.5680	0.5692	0.5426	0.5296	90-100	0.9848	17082	99.9,99.9
110	1.647	1.775	1.871	1.832	0.9492	0.9475	0.9274	0.8856	100-110	1.220	17083	99.9,99.9
120	2.324	2.380	2.479	2.437	1.534	1.409	1.398	1.342	110-120	1.591	17085	99.9,99.9
130	3.509	3.629	3.801	3.714	2.258	2.079	2.005	1.997	120-130	2.100	17087	99.9,99.9
140	5.658	6.112	6.235	6.053	3.125	3.029	2.927	2.972	130-140	2.794	17089	99.9,99.9
150	8.316	9.231	9.347	9.088	3.860	3.860	3.883	3.864	140-150	3.463	17093	100,100
160	10.45	10.78	10.92	11.01	5.046	5.034	4.867	4.803	150-160	3.341	17096	100,100
170	9.599	9.734	9.805	9.892	6.085	5.756	5.599	5.636	160-170	2.245	17099	100,100
180	8.194	7.848	7.445	7.945	8.213	8.024	7.581	7.665	170-180	0.7456	17099	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 10139 lm

%lum = 59.3%
%lamp = 59.3%

Conical surface Flux(120deg): 14646 lm

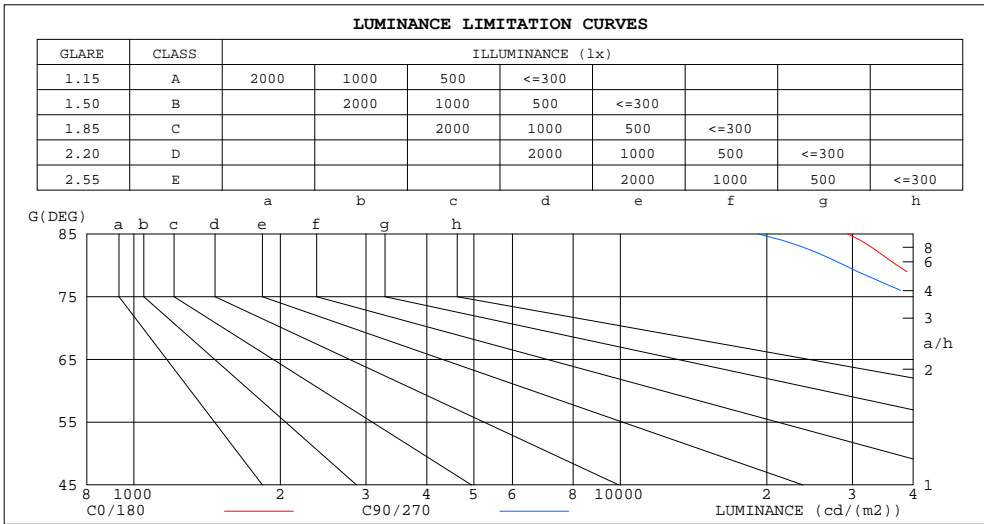
%lum = 85.7%
%lamp = 85.7%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:Ben
Test Date:2020-10-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.492m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	29331	19166
80	37033	28885
75	48382	40124
70	61102	53512
65	75306	68769
60	90128	86467
55	105660	103204
50	115964	112236
45	120960	117105

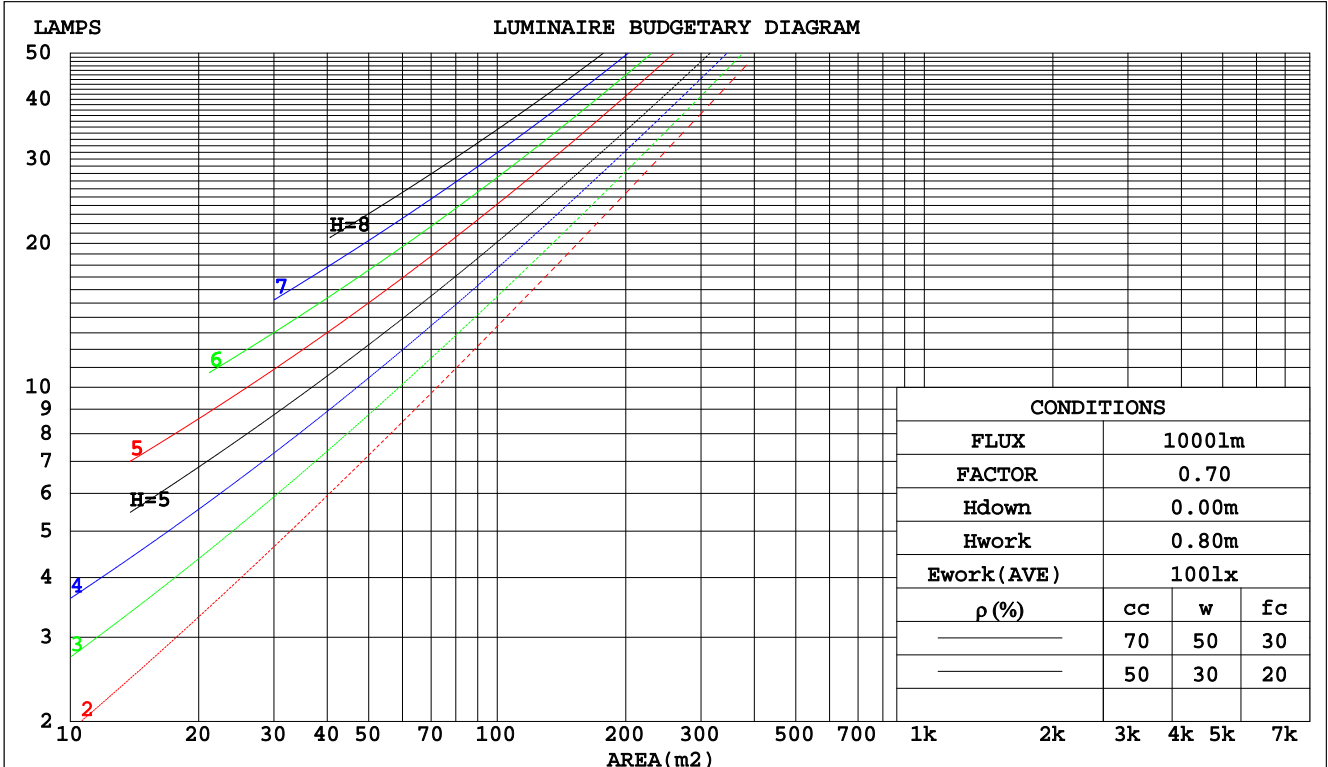
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Ben
 Test Date: 2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	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%	
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	1.06	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.81	.88	.83	.79	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.66	.73	.68	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.63	.57	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.56	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.35	.46	.39	.34	.45	.39	.34	.32
9.0	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Ben
 Test Date: 2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	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	.276	.157	.050	.269	.153	.049	.256	.147	.047	.244	.141	.045	.233	.135	.043	
2.0	.266	.146	.045	.260	.143	.044	.249	.138	.043	.238	.134	.042	.228	.129	.041	
3.0	.251	.134	.040	.246	.131	.040	.235	.128	.039	.226	.124	.038	.217	.120	.037	
4.0	.235	.122	.036	.230	.120	.036	.221	.117	.035	.212	.114	.034	.205	.111	.034	
5.0	.219	.112	.032	.215	.110	.032	.207	.108	.032	.199	.105	.031	.192	.103	.031	
6.0	.205	.103	.029	.201	.102	.029	.194	.099	.029	.187	.097	.029	.181	.095	.028	
7.0	.192	.095	.027	.188	.094	.027	.182	.092	.027	.176	.090	.026	.170	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.169	.082	.023	.167	.081	.023	.161	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.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	.191	.191	.191	.163	.163	.163	.112	.112	.112	.064	.064	.064	.020	.020	.020	
1.0	.179	.157	.138	.153	.135	.119	.105	.093	.082	.060	.054	.048	.019	.017	.015	
2.0	.170	.133	.102	.145	.114	.088	.100	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.162	.115	.078	.139	.099	.067	.095	.069	.047	.055	.040	.028	.018	.013	.009	
4.0	.154	.102	.061	.132	.088	.053	.091	.061	.038	.053	.036	.022	.017	.012	.007	
5.0	.147	.091	.050	.126	.079	.043	.087	.055	.031	.050	.032	.018	.016	.011	.006	
6.0	.140	.083	.041	.120	.071	.036	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.076	.035	.115	.066	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.127	.070	.030	.110	.061	.026	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.027	.105	.056	.023	.073	.040	.016	.042	.023	.010	.014	.008	.003	
10.0	.116	.061	.024	.100	.053	.021	.069	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm										
NAME:					TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A		
MFR.: ERS					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	29.0	30.4	29.2	30.6	30.8	28.8	30.3	29.1	30.5	30.7
3H	29.7	31.1	30.0	31.3	31.5	29.5	30.8	29.8	31.1	31.3
4H	29.9	31.2	30.3	31.5	31.7	29.7	30.9	30.0	31.2	31.4
6H	30.0	31.2	30.4	31.5	31.8	29.7	30.9	30.0	31.2	31.4
8H	30.1	31.2	30.4	31.5	31.8	29.7	30.8	30.0	31.1	31.4
12H	30.1	31.2	30.4	31.4	31.7	29.7	30.8	30.0	31.1	31.4
4H 2H	29.3	30.6	29.6	30.8	31.1	29.2	30.5	29.5	30.7	31.0
3H	30.2	31.3	30.6	31.6	31.9	30.0	31.1	30.4	31.4	31.7
4H	30.5	31.5	30.9	31.8	32.2	30.2	31.2	30.6	31.6	31.9
6H	30.7	31.6	31.1	31.9	32.3	30.4	31.2	30.8	31.6	31.9
8H	30.7	31.5	31.1	31.9	32.3	30.4	31.2	30.8	31.6	31.9
12H	30.8	31.5	31.2	31.9	32.3	30.4	31.1	30.8	31.5	31.9
8H 4H	30.6	31.4	31.0	31.7	32.1	30.3	31.1	30.7	31.5	31.9
6H	30.8	31.5	31.2	31.9	32.3	30.5	31.2	30.9	31.6	32.0
8H	30.9	31.5	31.4	31.9	32.4	30.5	31.1	31.0	31.5	32.0
12H	31.0	31.5	31.4	31.9	32.4	30.6	31.1	31.0	31.5	32.0
12H 4H	30.5	31.3	31.0	31.7	32.1	30.3	31.0	30.7	31.4	31.8
6H	30.8	31.4	31.3	31.8	32.3	30.5	31.1	30.9	31.5	31.9
8H	30.9	31.4	31.4	31.9	32.3	30.5	31.1	31.0	31.5	32.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.6					+ 0.4 / - 0.7				
2.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.8				

CIE Pub.117 Corrected 17099 lm Total Lamp Luminous Flux.(8log(F/F0) = 9.9)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

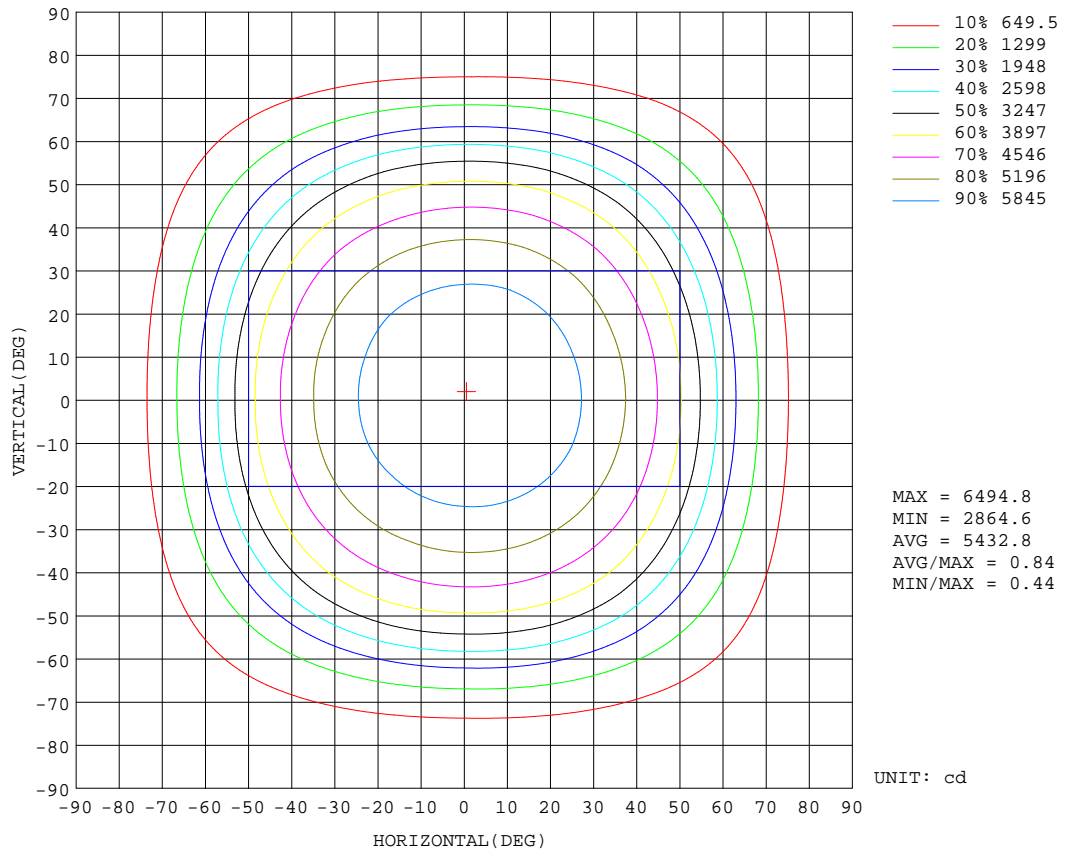
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	48	42	59	48	42	58	48	41	35
0.80	70	59	52	69	59	52	67	58	51	45
1.00	79	69	62	78	68	61	76	69	61	54
1.25	86	76	70	85	76	69	82	74	69	62
1.50	91	82	75	89	81	75	86	79	74	67
2.00	98	90	84	96	89	83	92	86	82	74
2.50	101	94	89	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	94	90	82
4.00	108	103	98	105	101	97	101	97	94	86
5.00	110	105	102	107	104	100	103	100	97	88
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:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



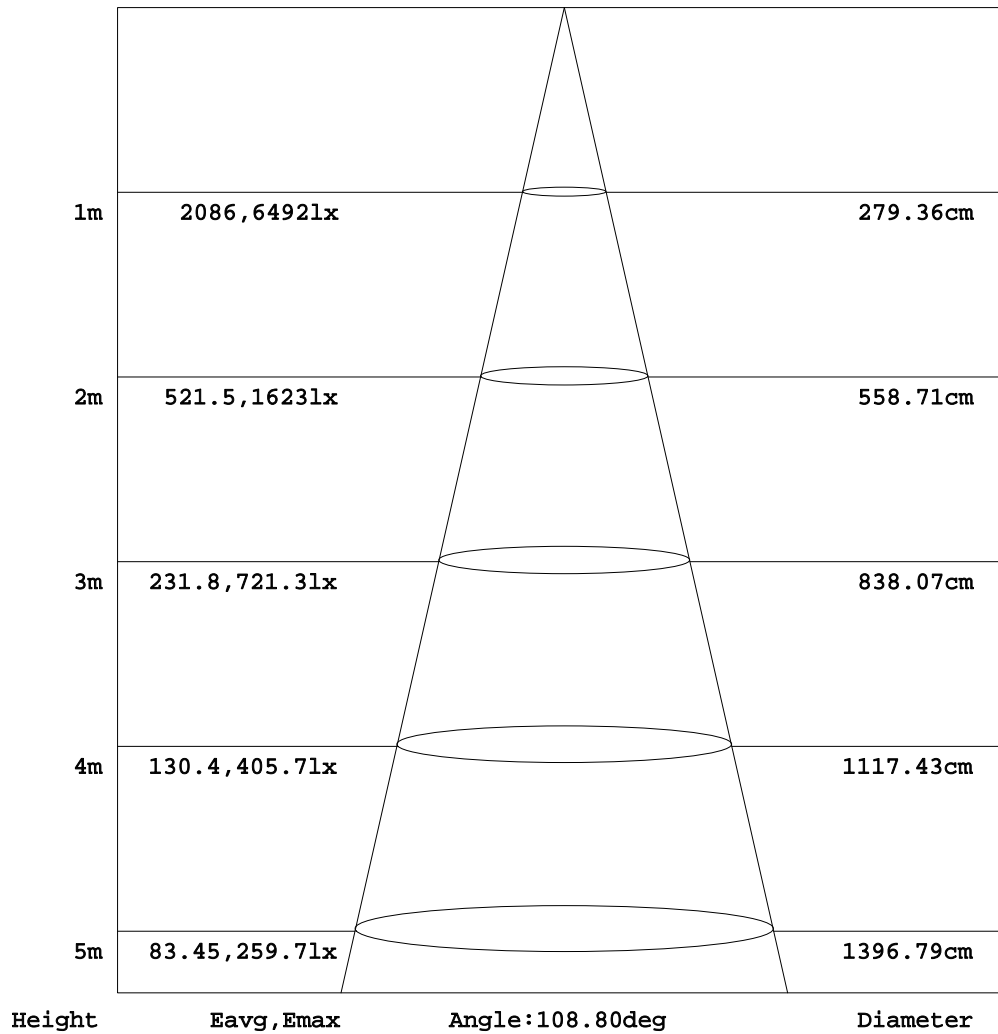
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

Flux out:13367 lm



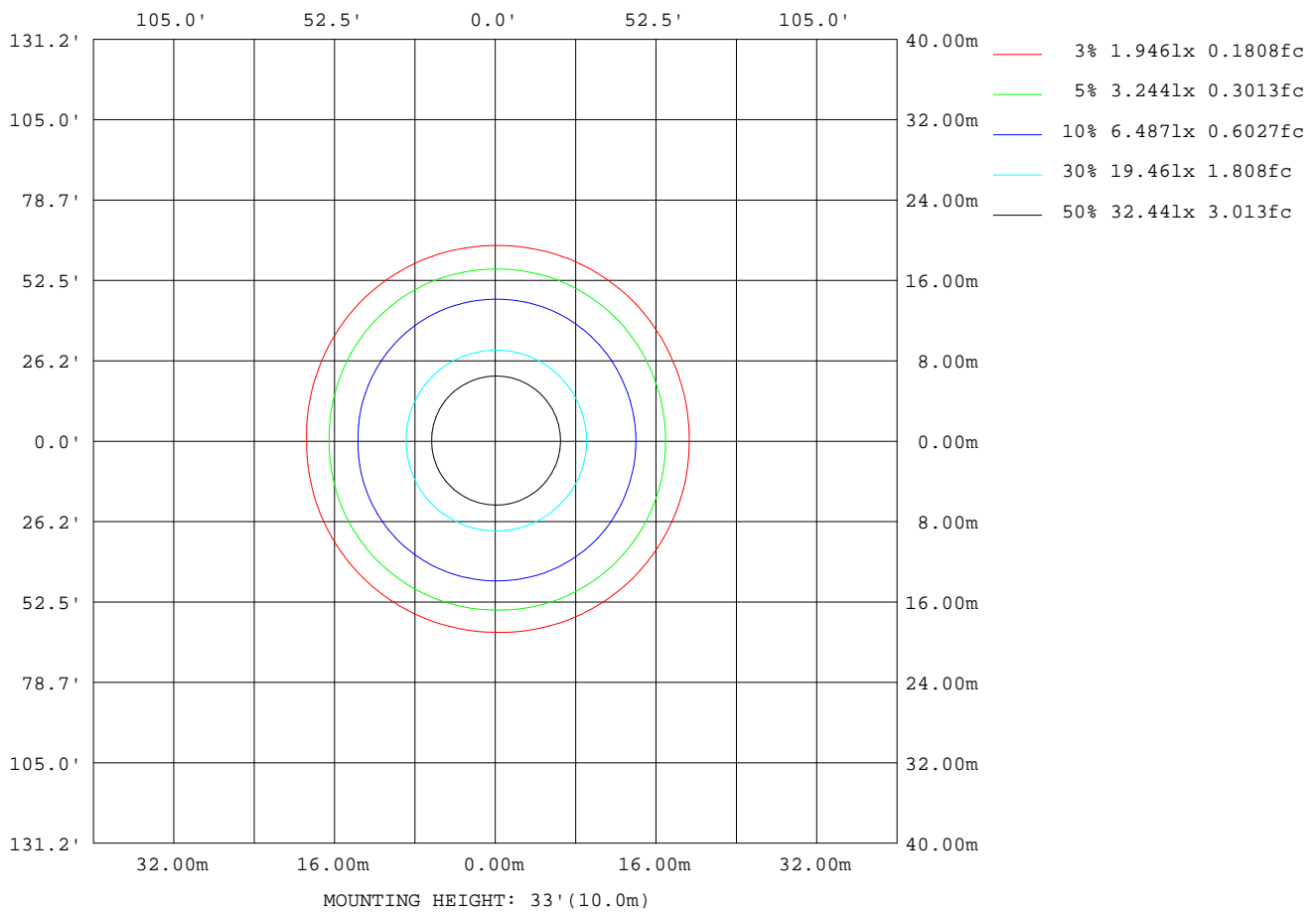
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	SUR.:N/A	Shielding Angle:N/A

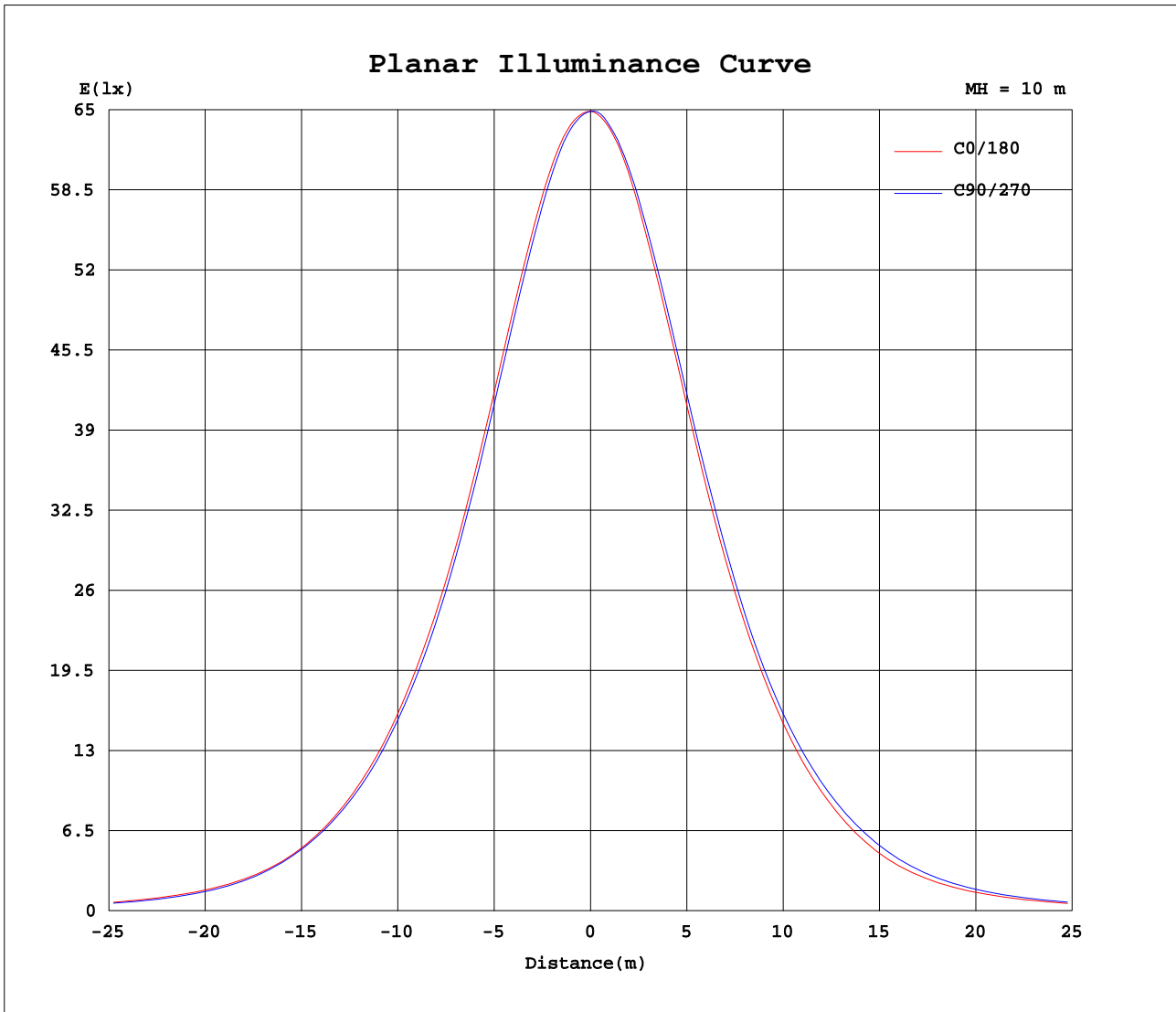
AvgL	cd/m2
L_0~180 (65) av	70932
L_0~180 (75) av	44054
L_0~180 (85) av	25372
L_90~270 (65) av	72993
L_90~270 (75) av	43732
L_90~270 (85) av	23290
L_45 (65) av	73676
L_45 (75) av	44472
L_45 (85) av	24447

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.492m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Ben
 Test Date: 2020-10-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.492m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.1V I:0.5366A P:120.0W PF:0.9721 Lamp Flux:17099.3x1 lm		
NAME:	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: ERS	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	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488	6488			
5	6483	6472	6466	6460	6454	6448	6446	6448	6450	6464	6469	6472	6474	6479	6481	6484			
10	6437	6417	6405	6396	6374	6363	6354	6364	6369	6384	6398	6404	6410	6426	6432	6434			
15	6329	6304	6286	6266	6233	6228	6223	6225	6226	6242	6274	6295	6300	6316	6327	6327			
20	6171	6149	6125	6084	6058	6049	6043	6040	6048	6065	6090	6134	6153	6162	6172	6167			
25	5960	5935	5897	5864	5828	5803	5805	5816	5820	5843	5888	5919	5942	5972	5978	5961			
30	5692	5666	5628	5582	5545	5527	5524	5532	5527	5570	5614	5637	5674	5706	5712	5696			
35	5364	5338	5298	5258	5217	5183	5190	5200	5188	5228	5286	5327	5359	5390	5394	5380			
40	4997	4964	4914	4883	4828	4798	4790	4789	4789	4825	4901	4941	4962	5002	5016	4994			
45	4525	4507	4470	4430	4381	4364	4342	4327	4305	4368	4442	4480	4523	4562	4571	4537			
50	3943	3925	3943	3888	3817	3806	3796	3742	3704	3787	3887	3956	3991	4034	4028	3960			
55	3206	3213	3244	3212	3132	3114	3075	3016	2952	3051	3178	3285	3313	3360	3321	3232			
60	2384	2399	2417	2374	2288	2258	2234	2196	2147	2252	2382	2463	2481	2523	2503	2422			
65	1684	1674	1655	1609	1538	1525	1505	1493	1488	1569	1664	1716	1726	1768	1765	1705			
70	1106	1082	1042	1015	968	963	945	948	949	1002	1066	1119	1125	1157	1154	1126			
75	662	637	598	579	549	548	541	544	544	579	617	644	648	674	680	671			
80	340	323	299	279	265	265	270	278	278	294	308	317	326	337	349	345			
85	135	123	107	95.3	88.4	87.3	90.0	96.7	98.7	108	115	122	126	133	138	138			
90	8.11	4.52	2.93	5.63	4.52	4.33	4.63	5.55	0.30	0.30	0.45	1.30	2.15	2.77	2.59	1.93			
95	0.98	1.02	1.07	1.10	1.11	1.12	1.12	1.08	0.42	0.41	0.41	0.40	0.39	0.39	0.38	0.38			
100	1.25	1.29	1.36	1.39	1.41	1.42	1.41	1.36	0.57	0.57	0.57	0.55	0.54	0.54	0.53	0.52			
105	1.46	1.51	1.56	1.63	1.65	1.64	1.62	1.56	0.75	0.75	0.75	0.73	0.72	0.73	0.71	0.70			
110	1.65	1.70	1.77	1.84	1.87	1.86	1.83	1.76	0.95	0.94	0.95	0.93	0.93	0.92	0.89	0.88			
115	1.94	1.97	2.04	2.08	2.11	2.10	2.09	2.05	1.22	1.16	1.16	1.15	1.15	1.14	1.09	1.10			
120	2.32	2.35	2.38	2.47	2.48	2.47	2.44	2.42	1.53	1.43	1.41	1.41	1.40	1.33	1.34	1.30			
125	2.83	2.87	2.91	3.01	3.05	3.00	2.94	2.93	1.88	1.78	1.74	1.71	1.68	1.66	1.65	1.64			
130	3.51	3.62	3.63	3.76	3.80	3.78	3.71	3.65	2.26	2.21	2.08	2.08	2.01	2.07	2.00	2.07			
135	4.39	4.58	4.64	4.70	4.82	4.83	4.68	4.56	2.73	2.63	2.52	2.53	2.51	2.48	2.47	2.56			
140	5.66	5.91	6.11	6.12	6.24	6.25	6.05	5.79	3.12	2.94	3.03	2.99	2.93	2.91	2.97	3.01			
145	7.10	7.48	7.85	8.01	8.08	8.00	7.70	7.34	3.47	3.32	3.46	3.63	3.53	3.53	3.44	3.54			
150	8.32	8.87	9.23	9.39	9.35	9.38	9.09	8.61	3.86	3.78	3.86	3.87	3.88	3.91	3.86	4.04			
155	9.61	10.1	10.3	10.4	10.5	10.4	10.2	9.90	4.39	4.19	4.48	4.44	4.36	4.48	4.41	4.75			
160	10.5	10.7	10.8	11.2	10.9	11.1	11.0	10.4	5.05	4.93	5.03	4.90	4.87	4.80	4.80	5.26			
165	10.2	10.4	10.5	10.7	10.8	10.7	10.7	10.3	5.57	5.49	5.33	5.40	5.24	5.14	5.18	5.73			
170	9.60	9.72	9.73	9.68	9.80	9.77	9.89	9.69	6.08	6.07	5.76	5.67	5.60	5.48	5.64	6.05			
175	9.34	9.22	9.18	8.92	8.71	9.01	9.17	9.30	7.14	7.16	6.88	6.56	6.49	6.14	6.59	6.95			
180	8.19	7.97	7.85	7.58	7.45	7.60	7.95	8.09	8.21	8.24	8.02	7.90	7.58	7.59	7.66	8.01			

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