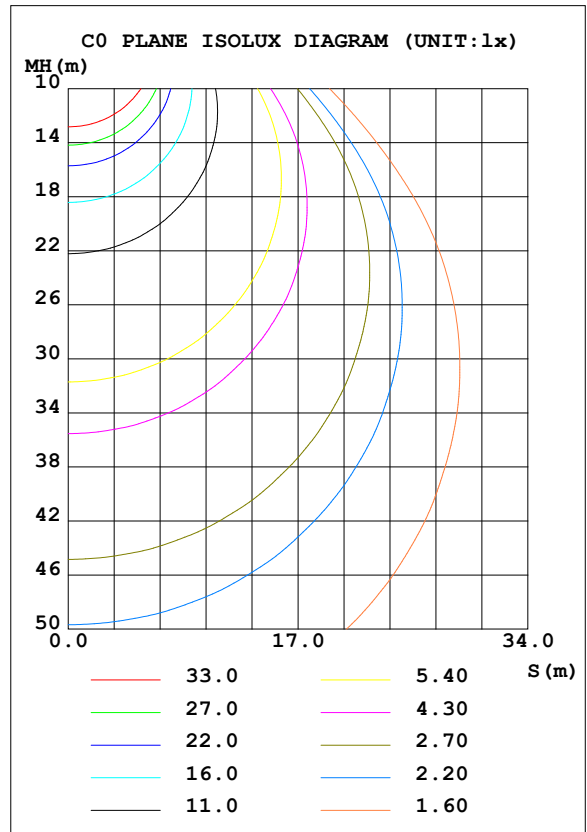
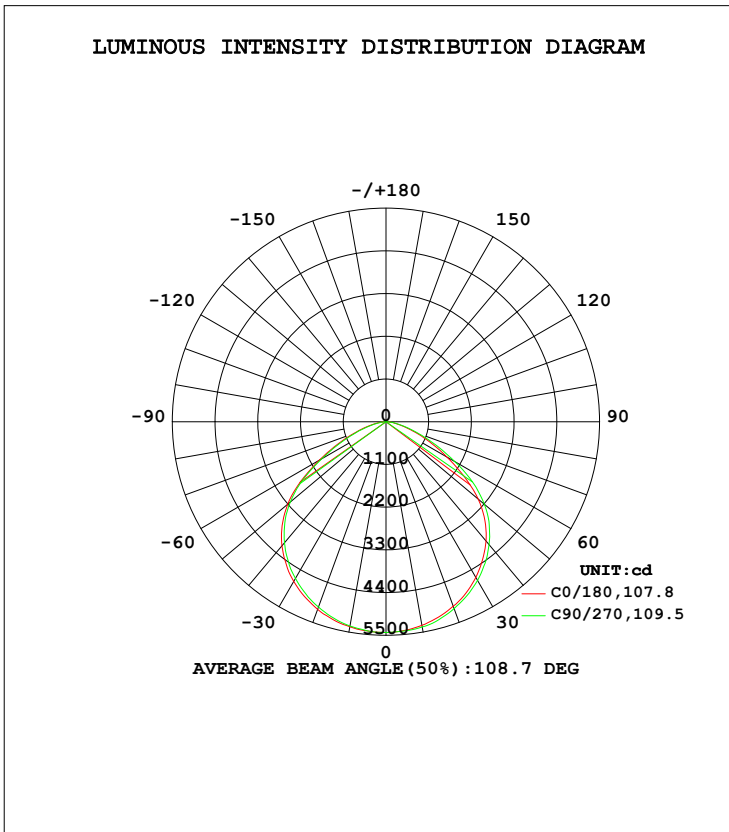


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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: 142.30 lm/W			
MODEL	ERS-C100W-A	I <sub>max</sub> (cd)	5428	S/MH (C0/180)	1.27
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	14270	η UP, DN (C0-180)	0.1,49.6
NOMINAL FLUX (lm)	14270.1	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0,50.3
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	5361	5342	5339	5325	5325	5338	5365	5369	0- 10	514.1	514.1	3.6,3.6
20	5143	5120	5079	5066	5058	5090	5121	5157	10- 20	1482	1996	14,14
30	4748	4714	4658	4641	4629	4680	4716	4747	20- 30	2269	4265	29.9,29.9
40	4170	4126	4068	4030	4008	4078	4128	4159	30- 40	2764	7029	49.3,49.3
50	3303	3307	3218	3156	3101	3237	3303	3368	40- 50	2859	9887	69.3,69.3
60	1985	2008	1908	1858	1807	1963	2045	2081	50- 60	2347	12234	85.7,85.7
70	893.6	883.0	821.6	808.0	812.1	860.9	904.7	921.0	60- 70	1355	13589	95.2,95.2
80	277.3	254.3	223.1	232.1	242.2	255.0	267.0	284.2	70- 80	550.4	14140	99.1,99.1
90	5.075	5.872	0.6703	0.6799	0.2399	0.5636	2.804	3.314	80- 90	115.2	14255	99.9,99.9
100	1.046	1.119	1.154	1.155	0.4645	0.4720	0.4522	0.4440	90-100	0.8039	14256	99.9,99.9
110	1.375	1.474	1.541	1.519	0.7804	0.7874	0.7746	0.7410	100-110	1.010	14257	99.9,99.9
120	1.942	1.983	2.054	2.028	1.265	1.173	1.166	1.123	110-120	1.323	14258	99.9,99.9
130	2.938	3.032	3.161	3.095	1.867	1.732	1.672	1.671	120-130	1.749	14260	99.9,99.9
140	4.741	5.121	5.209	5.061	2.592	2.520	2.440	2.475	130-140	2.331	14262	99.9,99.9
150	6.958	7.722	7.803	7.594	3.211	3.214	3.236	3.221	140-150	2.892	14265	100,100
160	8.729	9.007	9.120	9.199	4.210	4.201	4.060	4.006	150-160	2.790	14268	100,100
170	8.019	8.125	8.185	8.263	5.083	4.804	4.681	4.709	160-170	1.874	14270	100,100
180	6.848	6.561	6.239	6.594	6.866	6.711	6.339	6.407	170-180	0.6225	14270	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8476.8 lm

%lum = 59.4%  
%lamp = 59.4%

Conical surface Flux(120deg): 12234 lm

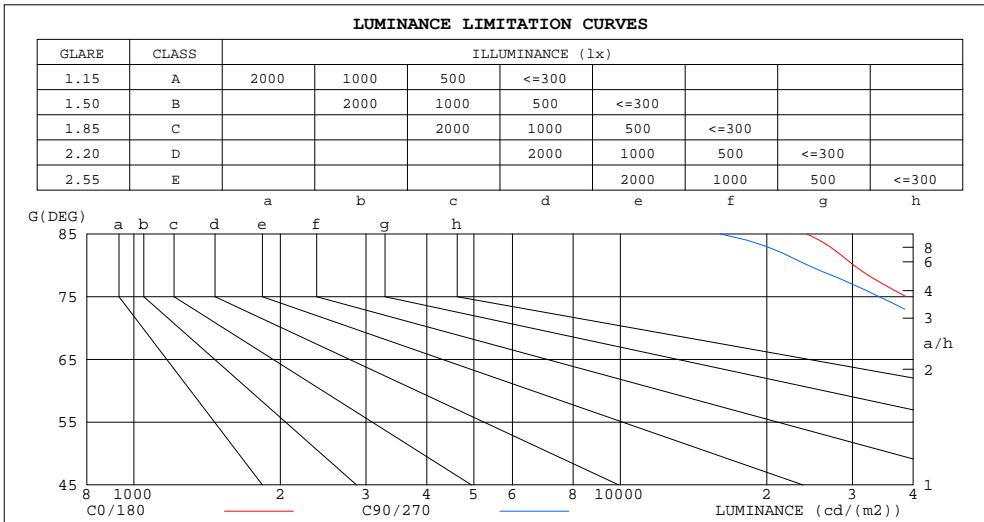
%lum = 85.7%  
%lamp = 85.7%

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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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	24181	16028
80	30196	24290
75	38659	33994
70	49401	45411
65	61661	58313
60	75055	72137
55	88491	86382
50	97153	94640
45	101152	98554

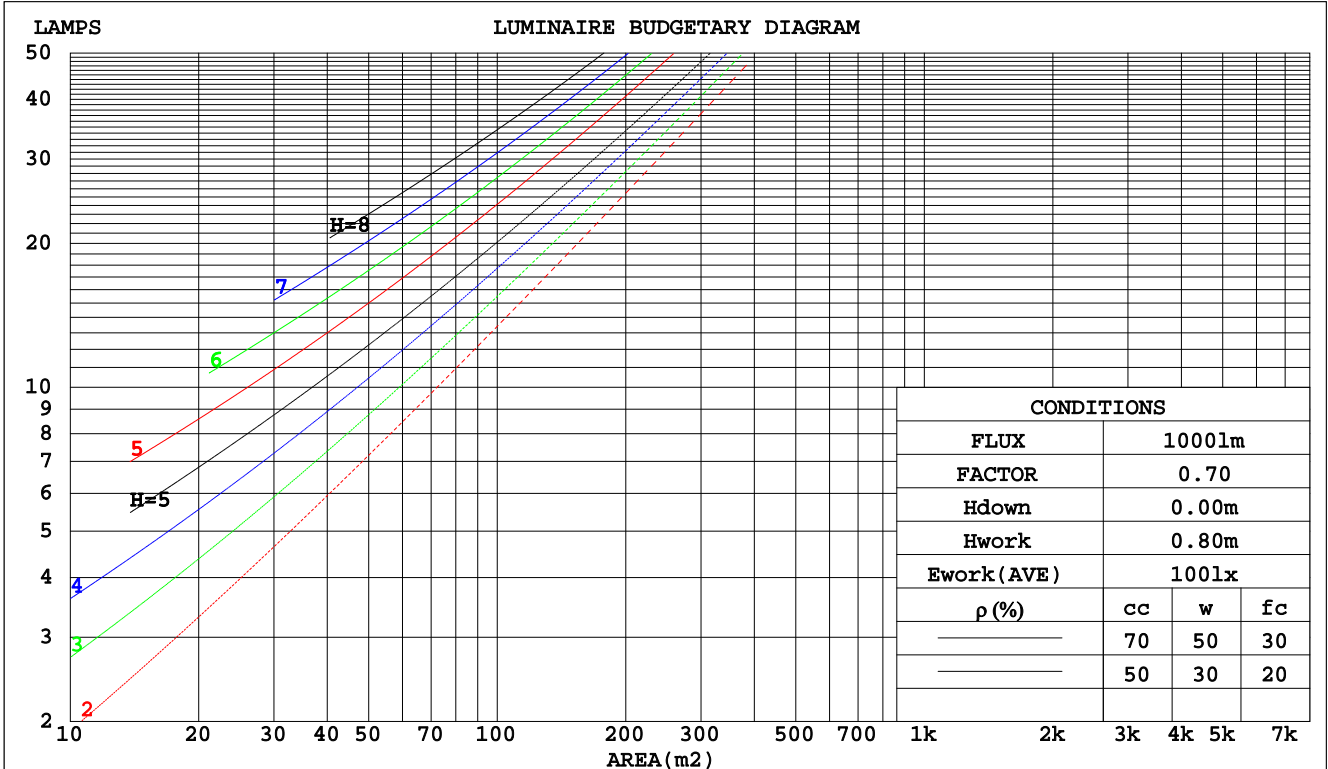
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.2DEG  
 Operators: Ben  
 Test Date: 2020-10-24

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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	.82	.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	.65	.62
4.0	.73	.65	.59	.72	.64	.58	.70	.63	.57	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.56	.50	.62	.55	.50	.61	.54	.49	.59	.53	.49	.47
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.48	.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	.35	.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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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	.140	.045	.232	.135	.043	
2.0	.266	.146	.045	.260	.143	.044	.249	.138	.043	.238	.133	.042	.228	.129	.041	
3.0	.251	.133	.040	.245	.131	.040	.235	.127	.039	.226	.124	.038	.217	.120	.037	
4.0	.234	.122	.036	.230	.120	.036	.221	.117	.035	.212	.114	.034	.204	.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	.101	.029	.194	.099	.029	.187	.097	.029	.181	.095	.028	
7.0	.192	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.161	.082	.024	
9.0	.169	.082	.023	.167	.081	.023	.161	.080	.023	.157	.078	.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	.068	.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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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	28.3	29.8	28.6	30.0	30.2	28.2	29.7	28.5	29.9	30.1
3H	29.1	30.4	29.4	30.6	30.9	28.9	30.2	29.2	30.5	30.7
4H	29.3	30.5	29.6	30.8	31.0	29.1	30.3	29.4	30.6	30.8
6H	29.4	30.6	29.7	30.8	31.1	29.1	30.3	29.5	30.6	30.9
8H	29.4	30.5	29.7	30.8	31.1	29.1	30.3	29.5	30.5	30.8
12H	29.4	30.5	29.7	30.8	31.1	29.1	30.2	29.4	30.5	30.8
4H 2H	28.7	29.9	29.0	30.2	30.5	28.6	29.9	28.9	30.1	30.4
3H	29.6	30.7	29.9	31.0	31.3	29.4	30.5	29.8	30.8	31.1
4H	29.9	30.8	30.2	31.2	31.5	29.7	30.7	30.0	31.0	31.3
6H	30.0	30.9	30.4	31.2	31.6	29.8	30.7	30.2	31.0	31.4
8H	30.1	30.9	30.5	31.2	31.6	29.8	30.6	30.2	31.0	31.4
12H	30.1	30.8	30.5	31.2	31.6	29.8	30.5	30.2	30.9	31.3
8H 4H	29.9	30.7	30.3	31.1	31.5	29.7	30.5	30.1	30.9	31.3
6H	30.1	30.8	30.6	31.2	31.6	29.9	30.6	30.4	31.0	31.4
8H	30.2	30.8	30.7	31.3	31.7	30.0	30.6	30.4	31.0	31.4
12H	30.3	30.8	30.8	31.2	31.7	30.0	30.5	30.5	30.9	31.4
12H 4H	29.9	30.6	30.3	31.0	31.4	29.7	30.5	30.1	30.8	31.2
6H	30.1	30.7	30.6	31.2	31.6	29.9	30.5	30.4	30.9	31.4
8H	30.2	30.7	30.7	31.2	31.7	30.0	30.5	30.5	30.9	31.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.7				
2.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.8				

CIE Pub.117 Corrected 14270 lm Total Lamp Luminous Flux. (8log(F/F0) = 9.2)

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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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

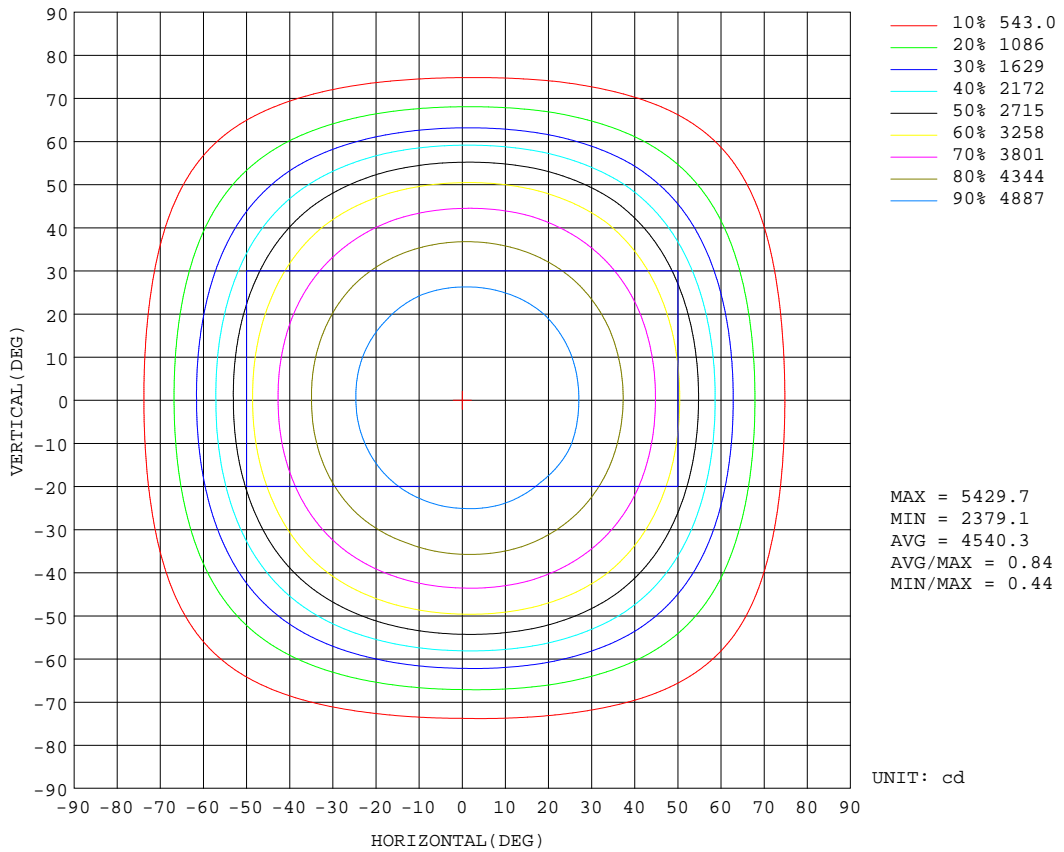
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	60	48	42	59	48	42	58	48	41	35
0.80	70	59	52	69	59	52	67	58	52	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	76	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	98	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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

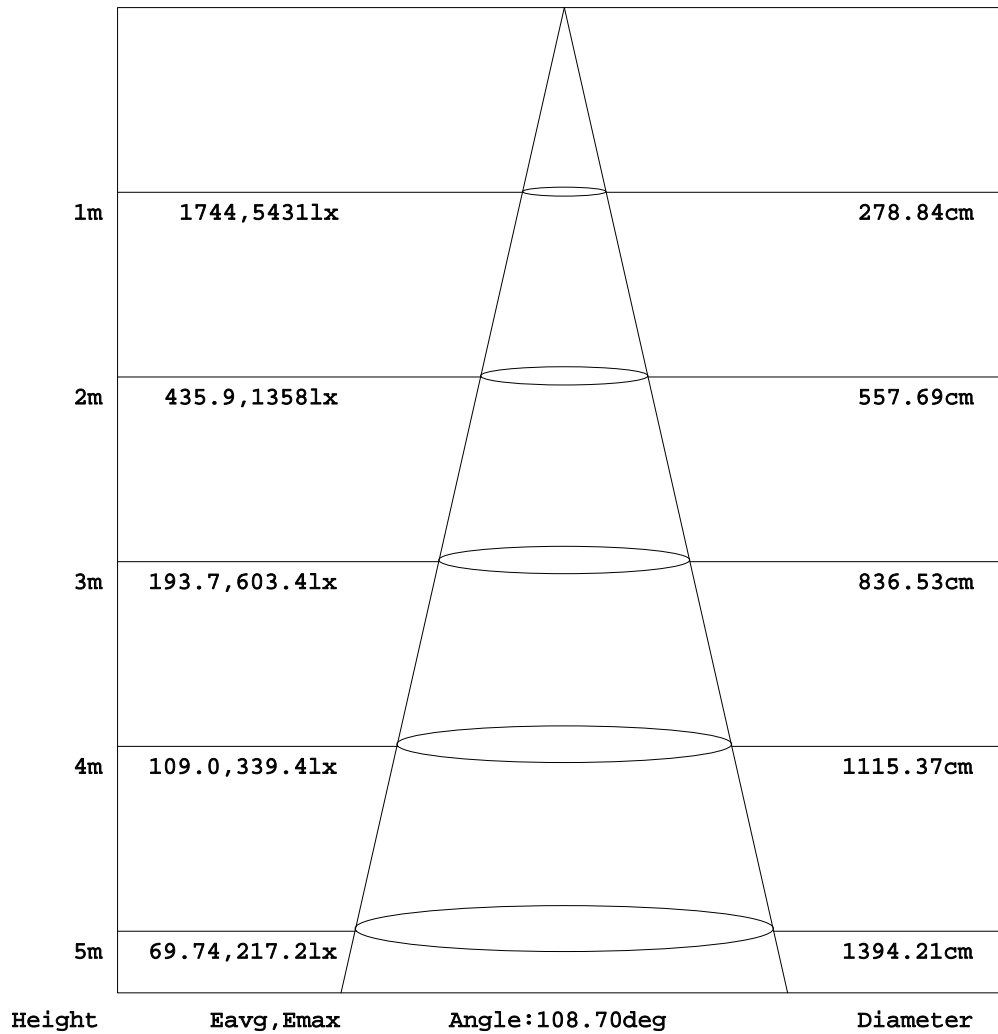
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.0.351  
 Humidity:43%  
 Test Distance:2.492m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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:11172 lm



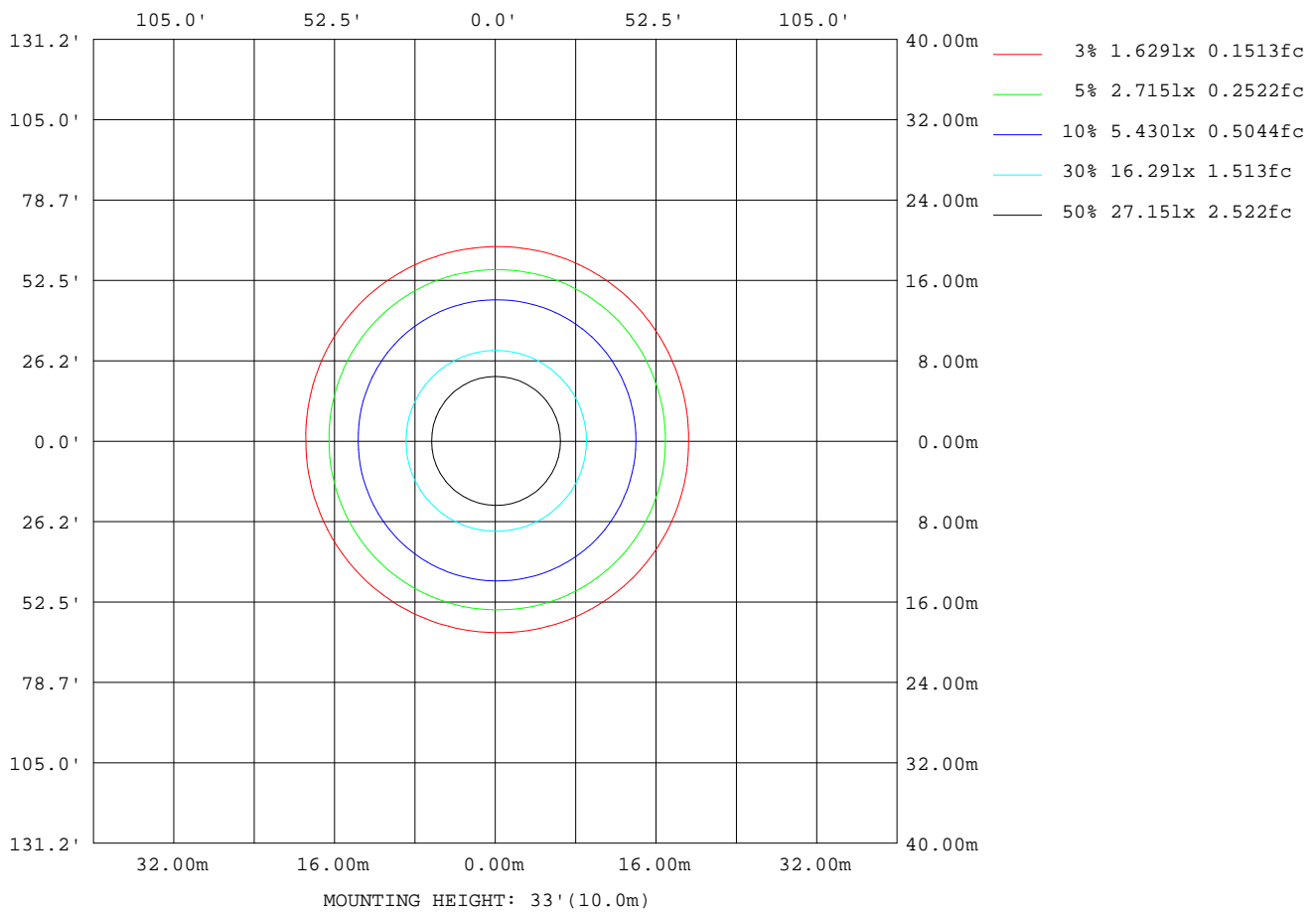
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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

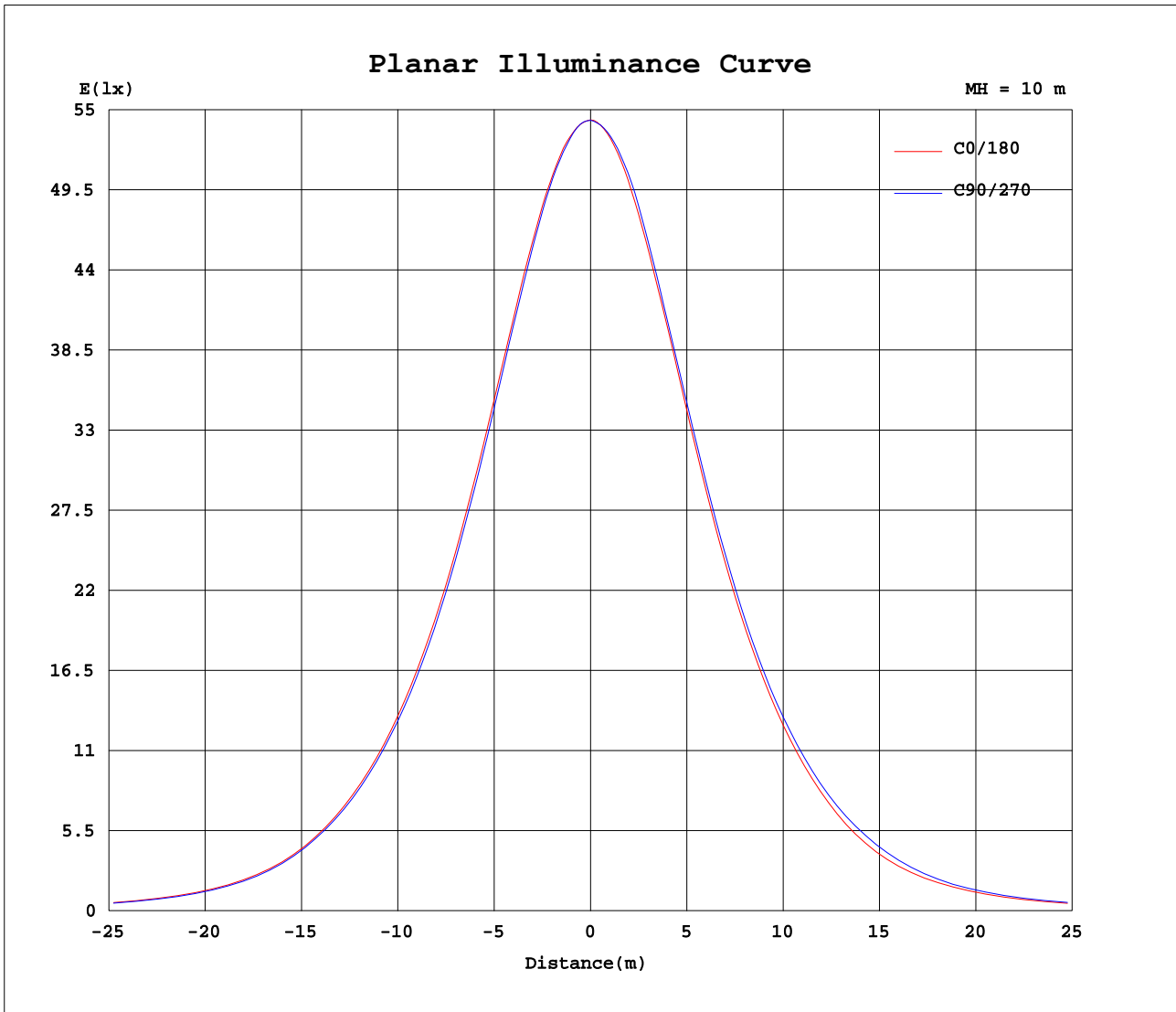
AvgL	cd/m2
L_0~180 (65) av	59029
L_0~180 (75) av	36458
L_0~180 (85) av	21572
L_90~270 (65) av	60686
L_90~270 (75) av	36344
L_90~270 (85) av	19415
L_45 (65) av	61053
L_45 (75) av	36865
L_45 (85) av	20608

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:230.0V I:0.4424A P:100.3W PF:0.9853 Lamp Flux:14270.1x1 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	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428	5428			
5	5409	5409	5404	5406	5406	5405	5405	5406	5397	5395	5398	5403	5408	5406	5407	5411			
10	5361	5351	5342	5343	5339	5323	5325	5326	5325	5334	5338	5358	5365	5365	5369	5368			
15	5273	5272	5257	5245	5232	5216	5223	5205	5209	5224	5243	5256	5272	5278	5284	5268			
20	5143	5143	5120	5101	5079	5073	5066	5068	5058	5087	5090	5113	5121	5145	5157	5158			
25	4965	4972	4933	4917	4890	4877	4871	4869	4871	4888	4902	4929	4938	4952	4988	4980			
30	4748	4739	4714	4696	4658	4644	4641	4634	4629	4646	4680	4702	4716	4746	4747	4758			
35	4482	4461	4448	4424	4388	4360	4361	4351	4338	4368	4408	4432	4447	4463	4486	4483			
40	4170	4149	4126	4103	4068	4047	4030	4022	4008	4032	4078	4111	4128	4156	4159	4187			
45	3783	3781	3756	3732	3686	3666	3643	3618	3604	3648	3689	3733	3762	3801	3803	3809			
50	3303	3297	3307	3267	3218	3185	3156	3109	3101	3155	3237	3276	3303	3350	3368	3329			
55	2684	2677	2699	2679	2621	2573	2515	2468	2456	2534	2644	2710	2738	2788	2794	2726			
60	1985	1997	2008	1969	1908	1878	1858	1821	1807	1880	1963	2018	2045	2084	2081	2016			
65	1378	1389	1387	1358	1304	1287	1273	1261	1261	1311	1360	1389	1410	1441	1439	1408			
70	894	893	883	864	822	817	808	806	812	837	861	892	905	931	921	908			
75	529	525	513	491	465	463	467	468	469	483	497	520	530	548	542	536			
80	277	268	254	235	223	223	232	238	242	248	255	260	267	278	284	282			
85	111	103	90.6	80.5	73.9	74.3	77.4	83.1	87.5	93.0	97.5	102	105	112	115	114			
90	5.08	3.29	5.87	4.05	0.67	0.69	0.68	11.9	0.24	0.24	0.56	1.75	2.80	3.56	3.31	2.30			
95	0.83	0.85	0.88	0.89	0.90	0.92	0.91	0.89	0.34	0.34	0.34	0.33	0.33	0.32	0.32	0.31			
100	1.05	1.08	1.12	1.14	1.15	1.16	1.16	1.12	0.46	0.47	0.47	0.46	0.45	0.45	0.44	0.43			
105	1.22	1.25	1.29	1.34	1.35	1.36	1.34	1.29	0.61	0.62	0.62	0.61	0.61	0.61	0.59	0.58			
110	1.37	1.41	1.47	1.52	1.54	1.54	1.52	1.47	0.78	0.78	0.79	0.78	0.77	0.77	0.74	0.74			
115	1.62	1.64	1.70	1.73	1.75	1.74	1.74	1.70	1.01	0.96	0.96	0.96	0.96	0.95	0.91	0.91			
120	1.94	1.96	1.98	2.05	2.05	2.05	2.03	2.01	1.26	1.19	1.17	1.18	1.17	1.11	1.12	1.09			
125	2.37	2.40	2.43	2.50	2.54	2.50	2.45	2.43	1.55	1.48	1.45	1.43	1.40	1.39	1.38	1.37			
130	2.94	3.03	3.03	3.13	3.16	3.15	3.09	3.04	1.87	1.84	1.73	1.74	1.67	1.73	1.67	1.73			
135	3.68	3.84	3.88	3.92	4.02	4.03	3.91	3.80	2.26	2.19	2.10	2.11	2.09	2.07	2.06	2.14			
140	4.74	4.94	5.12	5.12	5.21	5.23	5.06	4.83	2.59	2.44	2.52	2.50	2.44	2.43	2.48	2.50			
145	5.94	6.27	6.57	6.71	6.75	6.70	6.44	6.13	2.89	2.76	2.87	3.02	2.94	2.93	2.86	2.94			
150	6.96	7.41	7.72	7.86	7.80	7.84	7.59	7.19	3.21	3.15	3.21	3.23	3.24	3.26	3.22	3.36			
155	8.03	8.46	8.58	8.71	8.75	8.73	8.56	8.27	3.66	3.49	3.73	3.70	3.63	3.73	3.67	3.96			
160	8.73	8.91	9.01	9.33	9.12	9.29	9.20	8.71	4.21	4.11	4.20	4.09	4.06	4.00	4.01	4.40			
165	8.52	8.68	8.76	8.91	9.03	8.97	8.94	8.61	4.65	4.59	4.44	4.50	4.37	4.29	4.33	4.78			
170	8.02	8.10	8.13	8.06	8.19	8.17	8.26	8.08	5.08	5.07	4.80	4.73	4.68	4.59	4.71	5.05			
175	7.81	7.70	7.66	7.43	7.27	7.53	7.66	7.76	5.96	5.97	5.74	5.47	5.42	5.13	5.50	5.80			
180	6.85	6.66	6.56	6.35	6.24	6.33	6.59	6.68	6.87	6.89	6.71	6.61	6.34	6.35	6.41	6.70			

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