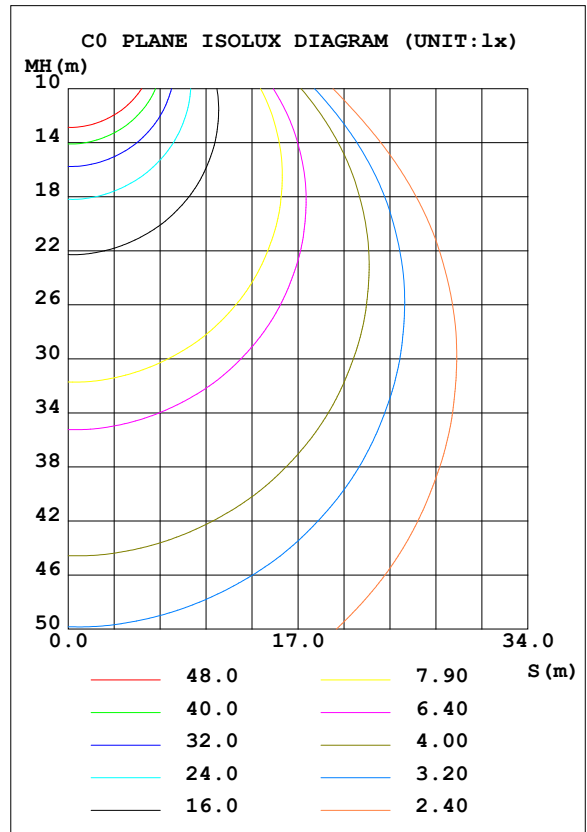
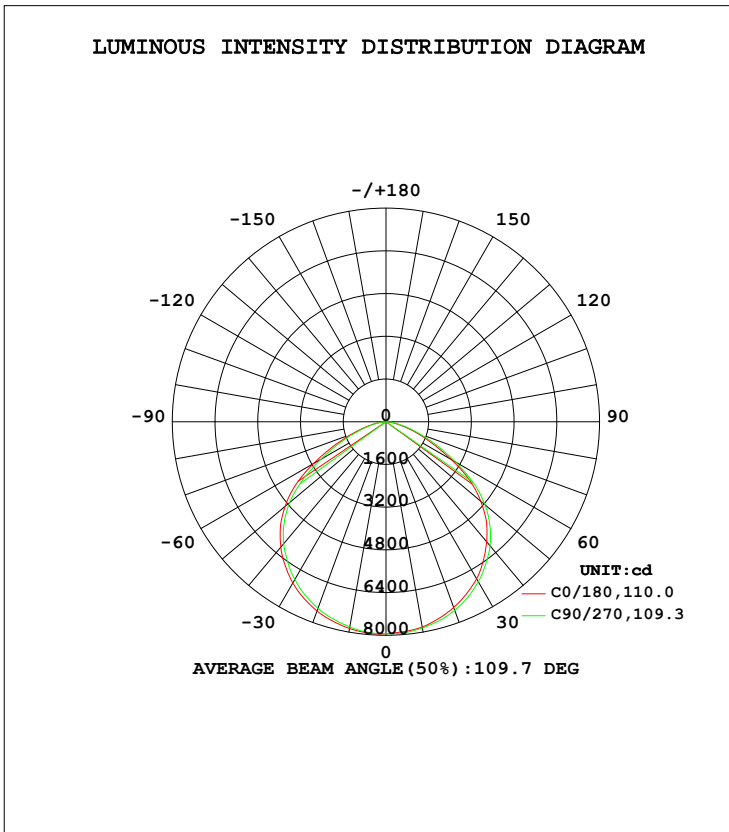


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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: 141.65 lm/W			
MODEL	ERS-C150W-A	I _{max} (cd)	7954	S/MH (C0/180)	1.27
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.29
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	21120	η UP, DN (C0-180)	0.1, 49.7
NOMINAL FLUX (lm)	21120.4	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.2
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	7862	7842	7807	7789	7808	7821	7843	7867	0- 10	753.0	753.0	3.57,3.57
20	7547	7493	7446	7422	7406	7470	7518	7537	10- 20	2169	2922	13.8,13.8
30	6975	6912	6828	6793	6791	6850	6918	6971	20- 30	3324	6247	29.6,29.6
40	6131	6062	5965	5911	5864	5971	6062	6129	30- 40	4051	10298	48.8,48.8
50	4935	4899	4713	4712	4634	4786	4840	4958	40- 50	4207	14505	68.7,68.7
60	3134	3043	2815	2870	2813	2968	3002	3169	50- 60	3526	18031	85.4,85.4
70	1393	1333	1247	1213	1218	1317	1376	1442	60- 70	2065	20096	95.1,95.1
80	396.1	375.0	348.1	328.7	323.8	381.2	411.8	428.4	70- 80	832.3	20928	99.1,99.1
90	31.90	3.715	16.68	4.990	0.3775	1.155	18.08	18.82	80- 90	169.2	21097	99.9,99.9
100	1.600	1.688	1.725	1.769	0.7200	0.7180	0.6788	0.6693	90-100	1.664	21099	99.9,99.9
110	2.083	2.199	2.284	2.288	1.196	1.198	1.161	1.116	100-110	1.528	21100	99.9,99.9
120	2.890	2.938	3.029	3.016	1.918	1.774	1.746	1.681	110-120	1.981	21102	99.9,99.9
130	4.340	4.460	4.666	4.580	2.816	2.592	2.481	2.484	120-130	2.600	21105	99.9,99.9
140	6.976	7.503	7.659	7.455	3.887	3.744	3.592	3.677	130-140	3.448	21108	99.9,99.9
150	10.21	11.31	11.48	11.16	4.755	4.745	4.779	4.748	140-150	4.257	21113	100,100
160	12.81	13.20	13.38	13.51	6.193	6.187	5.980	5.882	150-160	4.098	21117	100,100
170	11.76	11.93	12.01	12.12	7.462	7.061	6.892	6.914	160-170	2.752	21119	100,100
180	10.03	9.478	9.062	9.670	10.06	9.837	9.306	9.396	170-180	0.9134	21120	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 12425 lm

%lum = 58.8%
%lamp = 58.8%

Conical surface Flux(120deg): 18031 lm

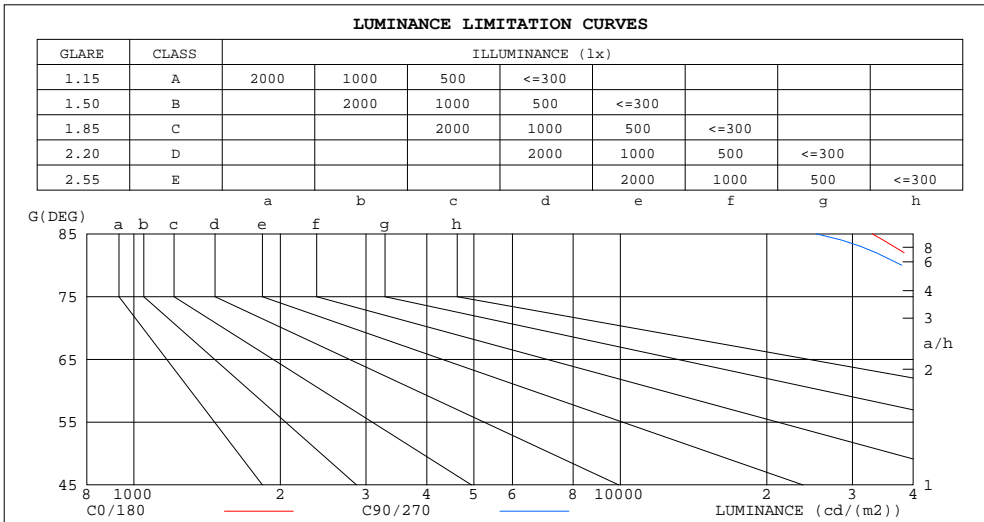
%lum = 85.4%
%lamp = 85.4%

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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	32923	25275
80	43140	37891
75	58550	52436
70	77045	68945
65	97612	87376
60	118532	106417
55	136316	125615
50	145176	138588
45	149625	144347

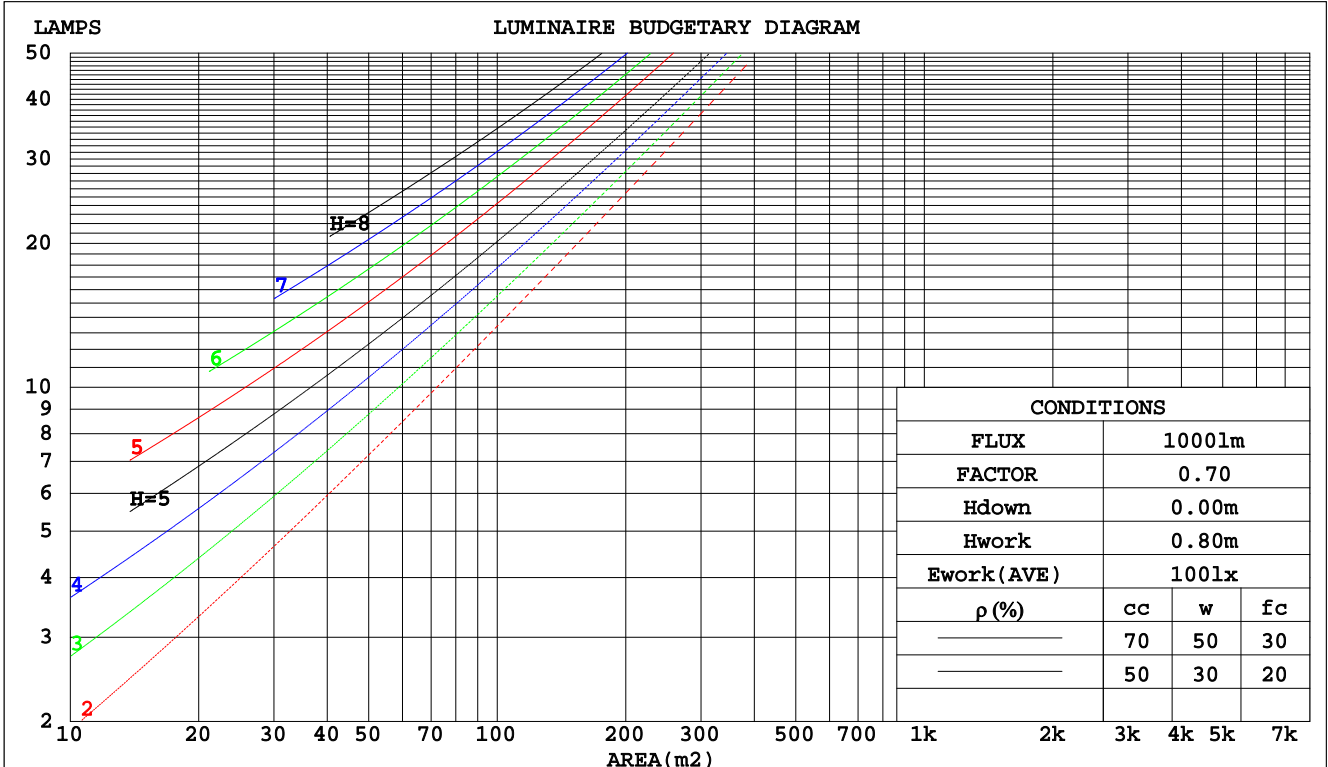
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: Ben
 Test Date: 2020-10-24

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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%	0
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	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.81	.73	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62
4.0	.73	.65	.58	.72	.64	.58	.69	.62	.57	.67	.61	.56	.65	.60	.56	.53
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.50	.60	.54	.49	.58	.53	.49	.46
6.0	.59	.50	.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	.38	.48	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.41	.34	.28	.41	.33	.28	.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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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	.277	.158	.050	.270	.154	.049	.257	.147	.047	.245	.141	.045	.234	.136	.044	
2.0	.268	.147	.045	.261	.144	.044	.250	.139	.043	.239	.134	.042	.229	.130	.041	
3.0	.252	.134	.040	.247	.132	.040	.236	.128	.039	.227	.124	.038	.218	.121	.037	
4.0	.236	.122	.036	.231	.121	.036	.222	.118	.035	.213	.115	.035	.206	.112	.034	
5.0	.220	.112	.032	.216	.111	.032	.208	.108	.032	.200	.106	.031	.193	.103	.031	
6.0	.205	.103	.029	.202	.102	.029	.194	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.192	.095	.027	.189	.094	.027	.183	.092	.027	.177	.091	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.152	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.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	.164	.164	.164	.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	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.091	.050	.126	.079	.043	.087	.055	.030	.050	.032	.018	.016	.011	.006	
6.0	.140	.083	.041	.121	.072	.036	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.134	.076	.035	.115	.066	.030	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.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	.070	.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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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	29.9	31.3	30.1	31.5	31.7	29.6	31.0	29.8	31.2	31.4
3H	30.7	32.0	31.0	32.2	32.5	30.3	31.6	30.6	31.8	32.1
4H	30.9	32.1	31.2	32.4	32.6	30.5	31.7	30.8	32.0	32.2
6H	30.9	32.1	31.3	32.4	32.7	30.5	31.7	30.8	32.0	32.2
8H	30.9	32.1	31.3	32.4	32.7	30.5	31.7	30.8	31.9	32.2
12H	30.9	32.0	31.3	32.3	32.6	30.5	31.6	30.8	31.9	32.2
4H 2H	30.2	31.5	30.5	31.8	32.0	30.0	31.2	30.3	31.5	31.7
3H	31.1	32.2	31.5	32.5	32.8	30.8	31.9	31.2	32.2	32.5
4H	31.4	32.4	31.8	32.7	33.1	31.1	32.1	31.4	32.4	32.7
6H	31.6	32.5	32.0	32.8	33.2	31.2	32.1	31.6	32.4	32.8
8H	31.6	32.4	32.0	32.8	33.2	31.2	32.0	31.6	32.4	32.8
12H	31.6	32.4	32.0	32.7	33.2	31.2	32.0	31.6	32.3	32.8
8H 4H	31.5	32.3	31.9	32.7	33.0	31.1	32.0	31.6	32.3	32.7
6H	31.7	32.4	32.1	32.8	33.2	31.3	32.0	31.8	32.4	32.8
8H	31.8	32.3	32.2	32.8	33.2	31.4	32.0	31.9	32.4	32.9
12H	31.8	32.3	32.3	32.8	33.2	31.4	31.9	31.9	32.4	32.9
12H 4H	31.4	32.2	31.9	32.6	33.0	31.1	31.9	31.5	32.2	32.7
6H	31.7	32.3	32.1	32.7	33.2	31.3	31.9	31.8	32.4	32.8
8H	31.8	32.3	32.2	32.7	33.2	31.4	31.9	31.9	32.4	32.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.6					+ 0.3 / - 0.7				
2.0H	+ 0.7 / - 0.7					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 21120 lm Total Lamp Luminous Flux.(8log(F/F0) = 10.6)

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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

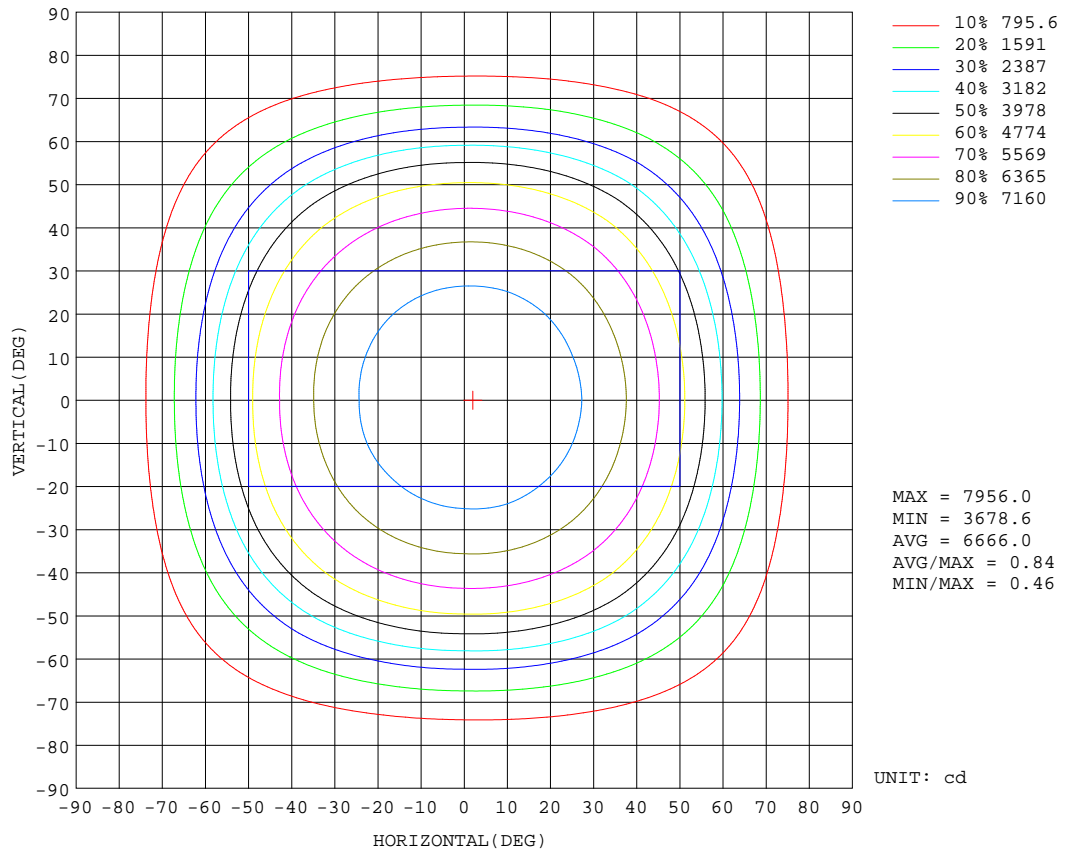
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	70	59	52	69	58	52	67	58	51	44
1.00	79	68	61	78	68	61	75	69	61	54
1.25	86	76	69	84	75	69	82	74	68	61
1.50	91	82	75	89	81	75	86	79	74	67
2.00	97	90	84	96	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	90	86	78
3.00	104	98	93	102	96	92	98	93	90	81
4.00	108	103	98	105	101	97	101	97	94	86
5.00	110	105	102	107	103	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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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

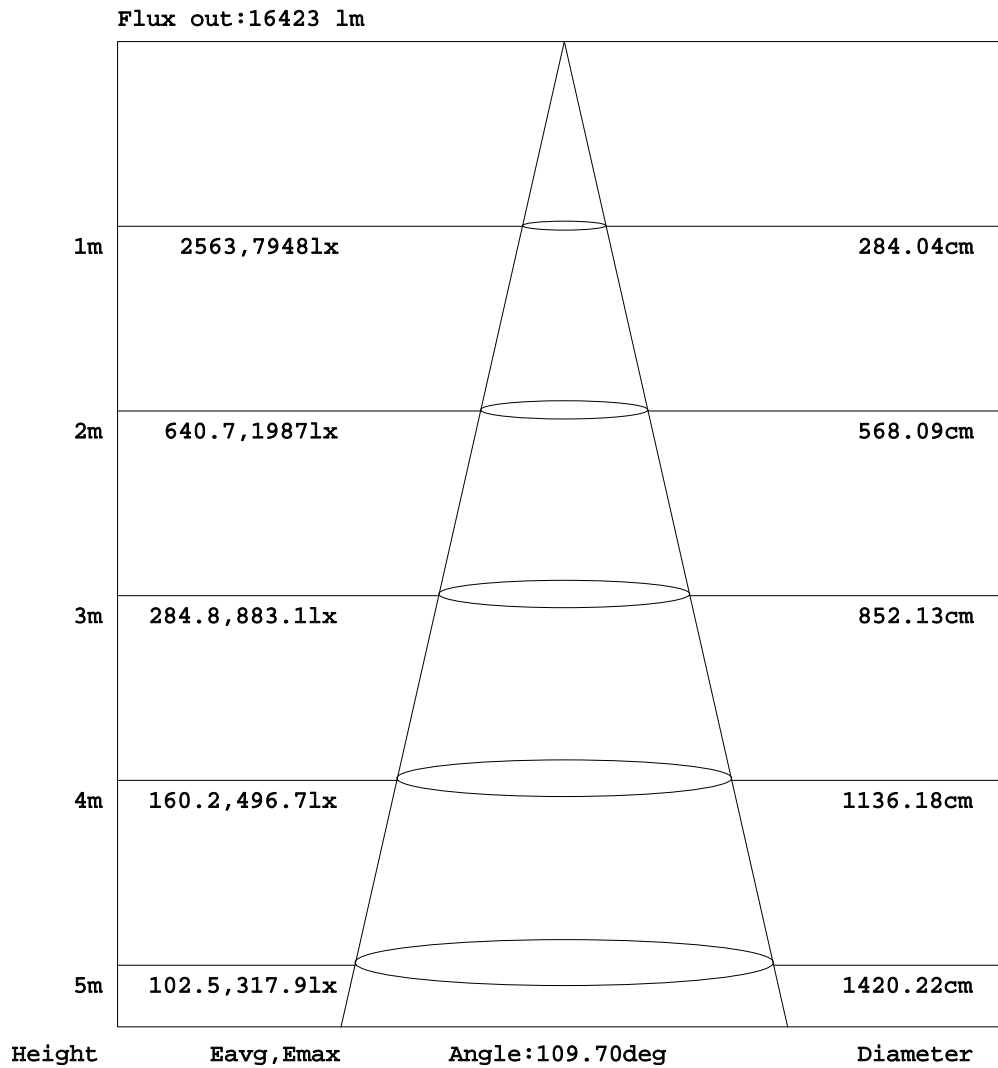


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:Ben
 Test Date:2020-10-24

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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



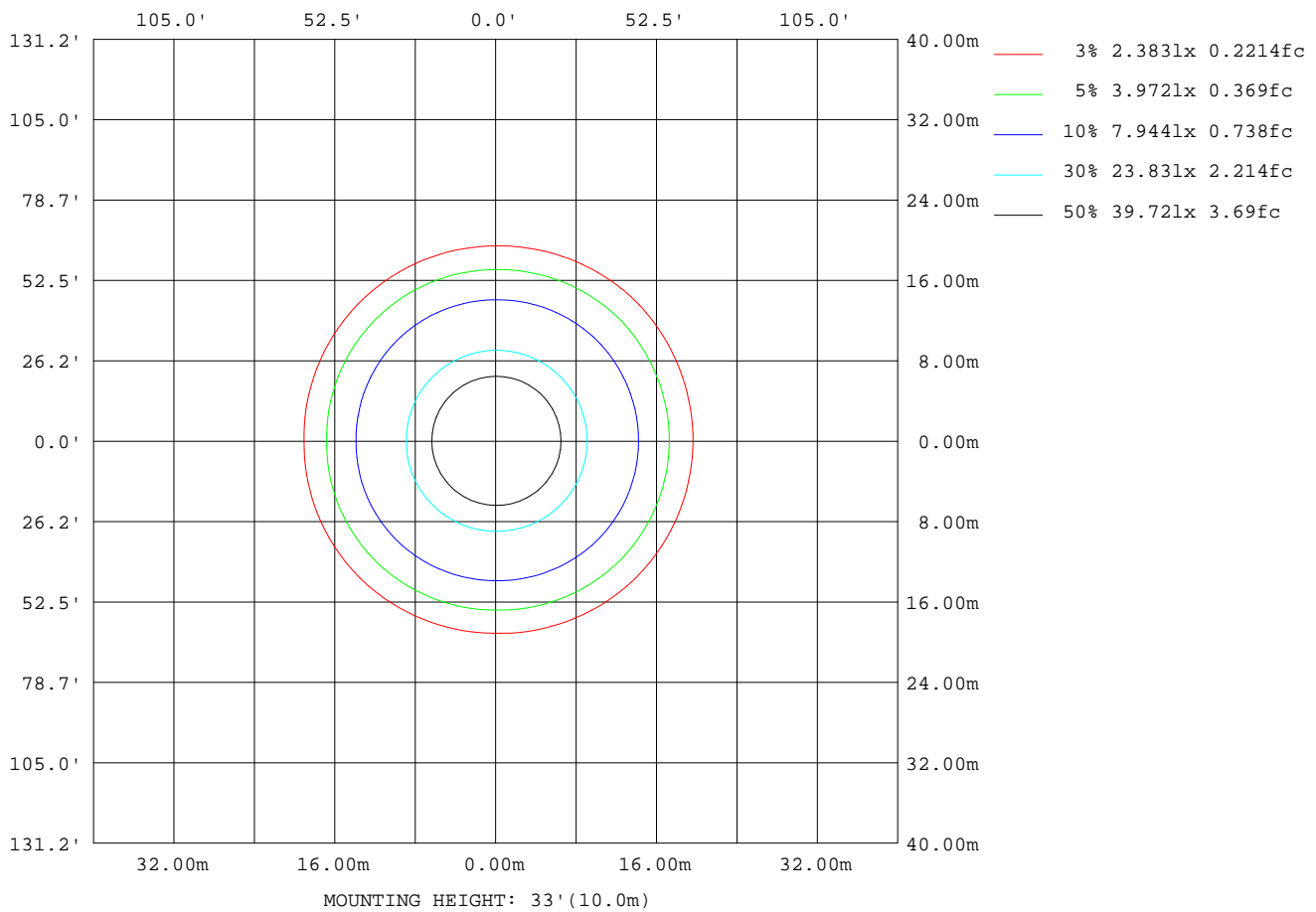
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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

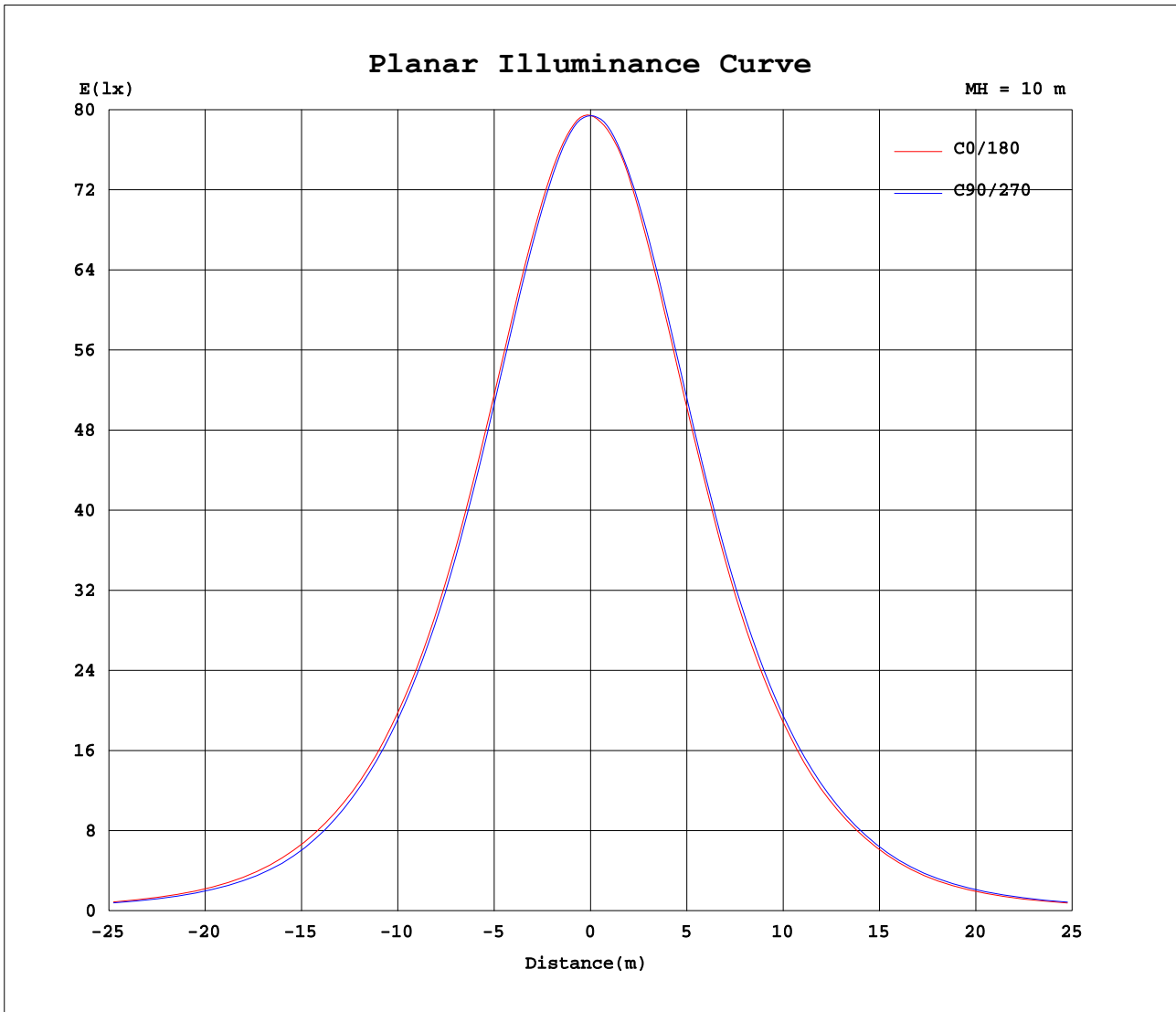
AvgL	cd/m2
L_0~180 (65) av	91615
L_0~180 (75) av	54251
L_0~180 (85) av	28347
L_90~270 (65) av	90600
L_90~270 (75) av	55783
L_90~270 (85) av	31152
L_45 (65) av	93183
L_45 (75) av	55929
L_45 (85) av	30306

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:0.6614A P:149.1W PF:0.9799 Lamp Flux:21120.4x1 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	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941	7941			
5	7937	7937	7933	7922	7914	7904	7887	7883	7889	7901	7915	7926	7929	7930	7931	7930			
10	7862	7859	7842	7821	7807	7792	7789	7808	7808	7813	7821	7836	7843	7852	7867	7871			
15	7727	7710	7694	7671	7648	7651	7623	7623	7630	7641	7664	7692	7715	7729	7739	7726			
20	7547	7526	7493	7471	7446	7419	7422	7411	7406	7424	7470	7492	7518	7542	7537	7526			
25	7289	7271	7230	7215	7169	7149	7131	7139	7119	7154	7194	7226	7254	7278	7292	7288			
30	6975	6947	6912	6877	6828	6802	6793	6776	6791	6808	6850	6893	6918	6959	6971	6970			
35	6581	6552	6526	6478	6418	6399	6383	6362	6353	6408	6445	6483	6509	6553	6590	6578			
40	6131	6105	6062	6013	5965	5936	5911	5898	5864	5926	5971	6009	6062	6094	6129	6140			
45	5595	5573	5535	5467	5400	5378	5368	5346	5325	5370	5422	5465	5508	5553	5597	5602			
50	4935	4929	4899	4795	4713	4703	4712	4692	4634	4701	4786	4819	4840	4896	4958	4950			
55	4135	4122	4056	3917	3812	3830	3875	3881	3830	3902	3975	3996	4000	4082	4162	4149			
60	3134	3099	3043	2916	2815	2826	2870	2856	2813	2894	2968	2993	3002	3086	3169	3144			
65	2181	2149	2105	2024	1953	1946	1959	1943	1915	1978	2047	2076	2098	2166	2222	2204			
70	1393	1375	1333	1295	1247	1229	1213	1227	1218	1276	1317	1352	1376	1420	1442	1435			
75	801	788	767	750	718	700	691	695	684	727	765	790	810	837	841	829			
80	396	383	375	364	348	339	329	323	324	351	381	403	412	427	428	408			
85	152	144	134	127	117	112	107	108	110	126	145	163	171	179	173	162			
90	31.9	1.14	3.71	18.6	16.7	4.79	4.99	5.99	0.38	0.39	1.15	3.29	18.1	19.8	18.8	16.9			
95	1.25	1.28	1.32	1.34	1.36	1.39	1.40	1.38	0.53	0.52	0.52	0.51	0.49	0.49	0.49	0.48			
100	1.60	1.64	1.69	1.71	1.73	1.75	1.77	1.73	0.72	0.72	0.69	0.68	0.68	0.67	0.66				
105	1.87	1.91	1.95	2.00	2.01	2.03	2.04	1.98	0.95	0.95	0.95	0.92	0.91	0.91	0.89	0.89			
110	2.08	2.13	2.20	2.26	2.28	2.29	2.29	2.23	1.20	1.19	1.20	1.17	1.16	1.15	1.12	1.11			
115	2.43	2.45	2.52	2.55	2.58	2.58	2.60	2.56	1.53	1.47	1.46	1.45	1.44	1.42	1.37	1.38			
120	2.89	2.91	2.94	3.03	3.03	3.03	3.02	3.01	1.92	1.80	1.77	1.77	1.75	1.66	1.68	1.63			
125	3.51	3.54	3.59	3.70	3.73	3.69	3.63	3.63	2.35	2.23	2.17	2.14	2.10	2.06	2.06	2.06			
130	4.34	4.46	4.46	4.63	4.67	4.65	4.58	4.51	2.82	2.75	2.59	2.58	2.48	2.57	2.48	2.58			
135	5.43	5.64	5.70	5.78	5.93	5.93	5.77	5.63	3.40	3.29	3.13	3.12	3.09	3.07	3.06	3.19			
140	6.98	7.25	7.50	7.50	7.66	7.68	7.45	7.13	3.89	3.66	3.74	3.68	3.59	3.58	3.68	3.74			
145	8.74	9.17	9.64	9.83	9.91	9.83	9.47	9.02	4.31	4.10	4.25	4.45	4.34	4.32	4.24	4.37			
150	10.2	10.9	11.3	11.5	11.5	11.5	11.2	10.6	4.75	4.65	4.75	4.76	4.78	4.81	4.75	4.97			
155	11.8	12.4	12.6	12.8	12.8	12.8	12.6	12.1	5.39	5.14	5.50	5.45	5.36	5.50	5.40	5.83			
160	12.8	13.1	13.2	13.7	13.4	13.6	13.5	12.8	6.19	6.05	6.19	6.01	5.98	5.90	5.88	6.46			
165	12.5	12.7	12.9	13.1	13.3	13.2	13.1	12.6	6.83	6.74	6.54	6.62	6.44	6.32	6.35	7.04			
170	11.8	11.9	11.9	11.8	12.0	12.0	12.1	11.8	7.46	7.45	7.06	6.96	6.89	6.73	6.91	7.42			
175	11.4	11.3	11.3	10.9	10.7	11.1	11.3	11.4	8.74	8.76	8.42	8.04	7.95	7.53	8.08	8.51			
180	10.0	9.65	9.48	9.29	9.06	9.28	9.67	9.79	10.1	10.1	9.84	9.70	9.31	9.31	9.40	9.82			

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