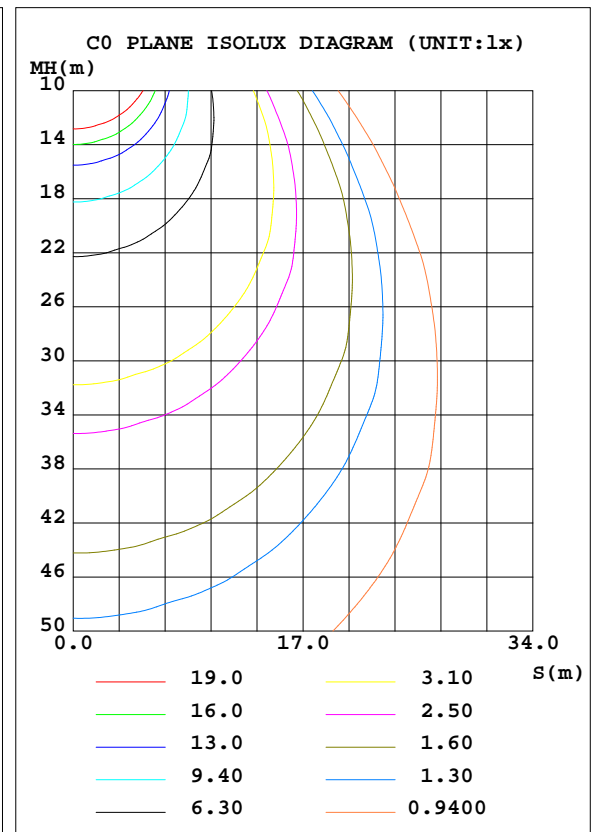
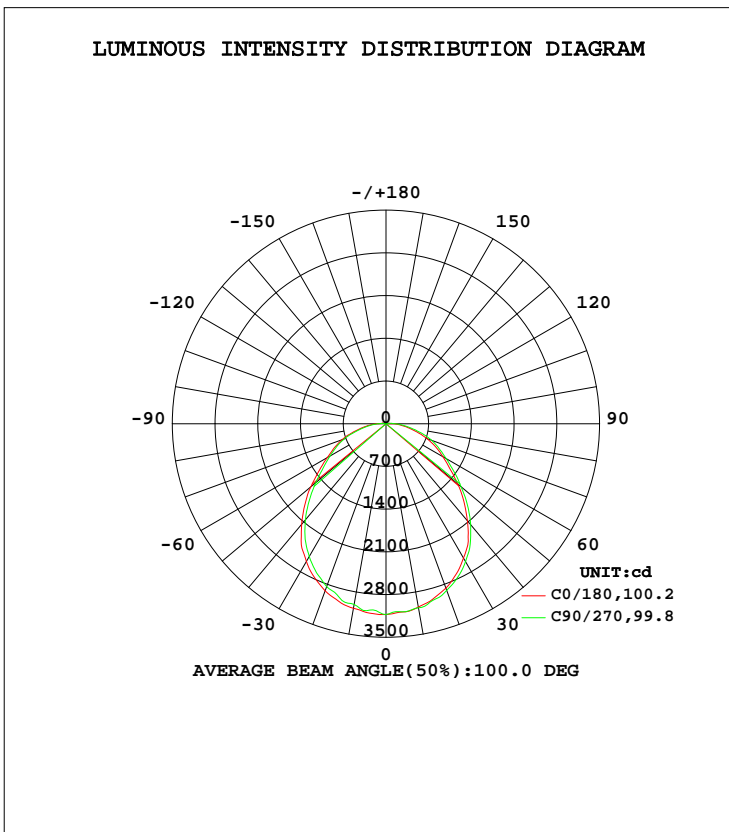


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.1V I:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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: 137.58 lm/W			
MODEL	ERS-C60W-B	I _{max} (cd)	3128	S/MH(C0/180)	1.22
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	8364.7	η UP, DN(C0-180)	0.6,48.6
NOMINAL FLUX(lm)	8364.72	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.6,50.2
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	98.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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	3072	3052	3006	3051	3050	3058	3062	3057	0- 10	293.0	293.0	3.5,3.5
20	2914	2876	2840	2848	2867	2880	2906	2918	10- 20	840.0	1133	13.5,13.5
30	2607	2559	2516	2520	2542	2593	2609	2638	20- 30	1263	2395	28.6,28.6
40	2152	2119	2055	2056	2077	2142	2159	2204	30- 40	1478	3874	46.3,46.3
50	1608	1575	1501	1509	1535	1604	1608	1640	40- 50	1426	5300	63.4,63.4
60	1113	1096	1058	1031	1075	1098	1137	1141	50- 60	1179	6479	77.5,77.5
70	770.0	731.9	726.8	668.3	717.1	707.1	796.4	747.3	60- 70	902.5	7382	88.2,88.2
80	405.6	403.5	366.5	364.2	363.4	396.5	423.4	422.8	70- 80	593.8	7976	95.3,95.3
90	158.5	150.3	128.4	125.8	123.7	153.1	153.0	172.3	80- 90	292.4	8268	98.8,98.8
100	60.01	14.52	28.71	12.14	51.83	19.37	44.63	24.26	90-100	74.12	8342	99.7,99.7
110	8.634	1.128	1.100	1.158	6.889	0.8000	0.7181	0.7701	100-110	14.20	8356	99.9,99.9
120	1.436	1.363	1.772	1.413	1.075	0.9800	0.9183	0.9407	110-120	1.161	8357	99.9,99.9
130	1.911	1.968	1.940	1.971	1.316	1.256	1.140	1.195	120-130	1.217	8359	99.9,99.9
140	2.869	3.049	3.076	2.964	1.630	1.530	1.512	1.500	130-140	1.459	8360	99.9,99.9
150	4.017	4.396	4.410	4.263	1.969	1.930	1.879	1.924	140-150	1.690	8362	100,100
160	4.758	4.845	4.902	4.808	2.514	2.378	2.319	2.316	150-160	1.569	8363	100,100
170	4.346	4.257	4.247	4.285	2.977	2.756	2.564	2.583	160-170	1.012	8364	100,100
180	3.684	3.530	3.341	3.606	3.696	3.555	3.347	3.411	170-180	0.3335	8365	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4608.9 lm

%lum = 55.1%
%lamp = 55.1%

Conical surface Flux(120deg): 6479.3 lm

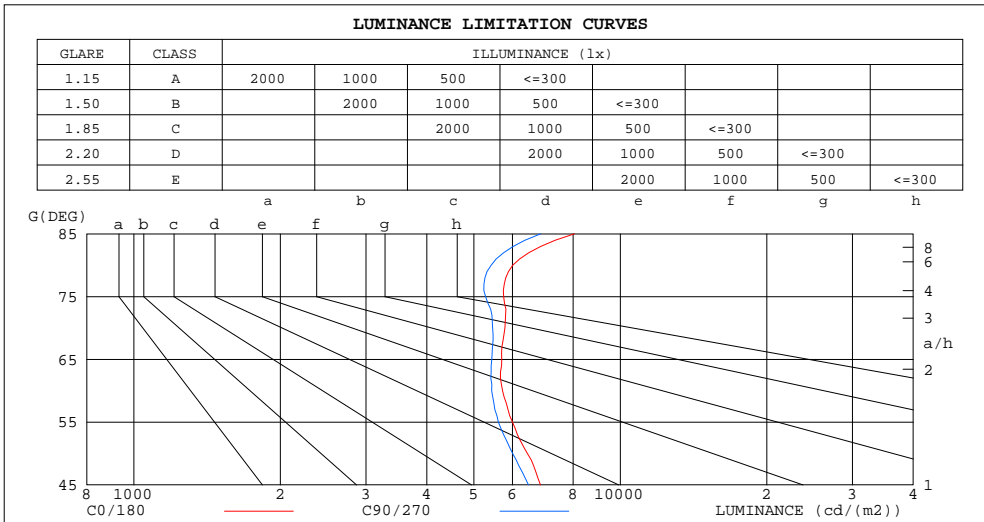
%lum = 77.5%
%lamp = 77.5%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:East
Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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	8046	6857
80	6011	5428
75	5757	5282
70	5793	5465
65	5703	5443
60	5726	5439
55	5999	5612
50	6438	6005
45	6851	6473

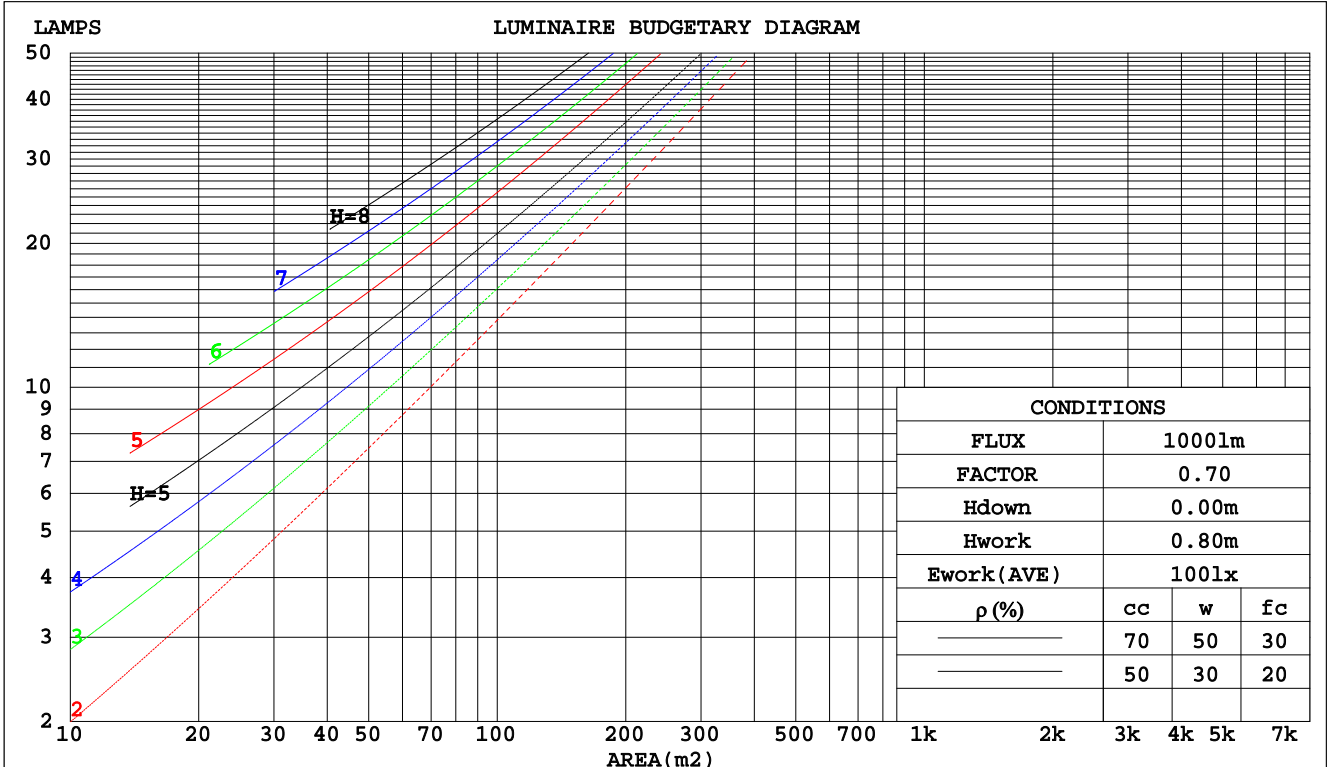
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operators: East
 Test Date: 2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.71	.65	.78	.70	.64	.74	.68	.63	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.62	.55	.69	.61	.55	.66	.59	.54	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.48	.62	.54	.47	.60	.52	.47	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.30
9.0	.44	.35	.30	.43	.35	.30	.42	.35	.30	.41	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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	.320	.182	.058	.313	.179	.057	.299	.172	.055	.286	.165	.053	.274	.159	.051	
2.0	.294	.161	.049	.287	.158	.049	.275	.153	.047	.263	.148	.046	.253	.143	.045	
3.0	.269	.143	.043	.263	.141	.042	.252	.137	.042	.242	.133	.041	.233	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.232	.123	.037	.223	.120	.036	.215	.117	.036	
5.0	.228	.116	.034	.223	.115	.033	.215	.112	.033	.207	.109	.032	.199	.106	.032	
6.0	.211	.106	.030	.207	.105	.030	.199	.102	.030	.192	.100	.029	.185	.098	.029	
7.0	.196	.097	.028	.193	.096	.027	.186	.094	.027	.179	.092	.027	.173	.090	.026	
8.0	.183	.090	.025	.180	.089	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.022	
10.0	.162	.078	.022	.159	.077	.021	.154	.075	.021	.149	.074	.021	.145	.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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.190	.165	.142	.163	.142	.123	.111	.097	.085	.064	.056	.049	.020	.018	.016	
2.0	.181	.141	.107	.155	.121	.092	.107	.084	.064	.061	.049	.038	.020	.016	.012	
3.0	.173	.123	.083	.149	.106	.072	.102	.074	.051	.059	.043	.030	.019	.014	.010	
4.0	.165	.110	.068	.142	.095	.059	.098	.066	.041	.056	.039	.024	.018	.013	.008	
5.0	.158	.100	.057	.135	.086	.049	.093	.060	.035	.054	.035	.021	.017	.012	.007	
6.0	.150	.091	.049	.129	.079	.042	.089	.055	.030	.052	.033	.018	.017	.011	.006	
7.0	.144	.084	.043	.124	.073	.037	.085	.051	.026	.050	.030	.016	.016	.010	.005	
8.0	.137	.078	.038	.118	.068	.033	.082	.048	.024	.048	.028	.014	.015	.009	.005	
9.0	.131	.073	.035	.113	.064	.030	.078	.045	.021	.046	.026	.013	.015	.009	.004	
10.0	.125	.069	.032	.108	.060	.028	.075	.042	.020	.044	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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	18.8	20.2	19.0	20.5	20.7	18.5	20.0	18.8	20.2	20.4
3H	20.4	21.7	20.7	22.0	22.3	20.1	21.5	20.4	21.8	22.0
4H	21.1	22.4	21.5	22.7	23.0	20.8	22.2	21.2	22.4	22.7
6H	21.8	23.0	22.1	23.3	23.6	21.5	22.7	21.8	23.0	23.3
8H	22.1	23.3	22.4	23.6	23.9	21.7	22.9	22.1	23.2	23.5
12H	22.4	23.6	22.8	23.9	24.2	22.0	23.1	22.4	23.5	23.8
4H 2H	19.3	20.6	19.6	20.9	21.2	19.1	20.4	19.5	20.7	21.0
3H	21.1	22.3	21.5	22.6	22.9	21.0	22.1	21.3	22.4	22.8
4H	22.1	23.1	22.4	23.4	23.8	21.8	22.9	22.2	23.2	23.6
6H	22.9	23.8	23.3	24.2	24.6	22.6	23.6	23.0	23.9	24.3
8H	23.3	24.2	23.7	24.5	25.0	23.0	23.9	23.4	24.3	24.7
12H	23.7	24.5	24.1	24.9	25.3	23.3	24.2	23.8	24.6	25.0
8H 4H	22.4	23.3	22.8	23.6	24.1	22.2	23.1	22.6	23.5	23.9
6H	23.4	24.2	23.9	24.6	25.0	23.2	23.9	23.7	24.4	24.8
8H	24.0	24.6	24.5	25.1	25.6	23.7	24.4	24.2	24.8	25.3
12H	24.6	25.1	25.1	25.6	26.1	24.3	24.8	24.7	25.3	25.8
12H 4H	22.4	23.2	22.9	23.6	24.1	22.3	23.1	22.7	23.5	23.9
6H	23.5	24.2	24.0	24.6	25.1	23.3	24.0	23.8	24.4	24.9
8H	24.2	24.7	24.7	25.2	25.7	23.9	24.5	24.4	25.0	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				

CIE Pub.117 Corrected 8365 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.4)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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

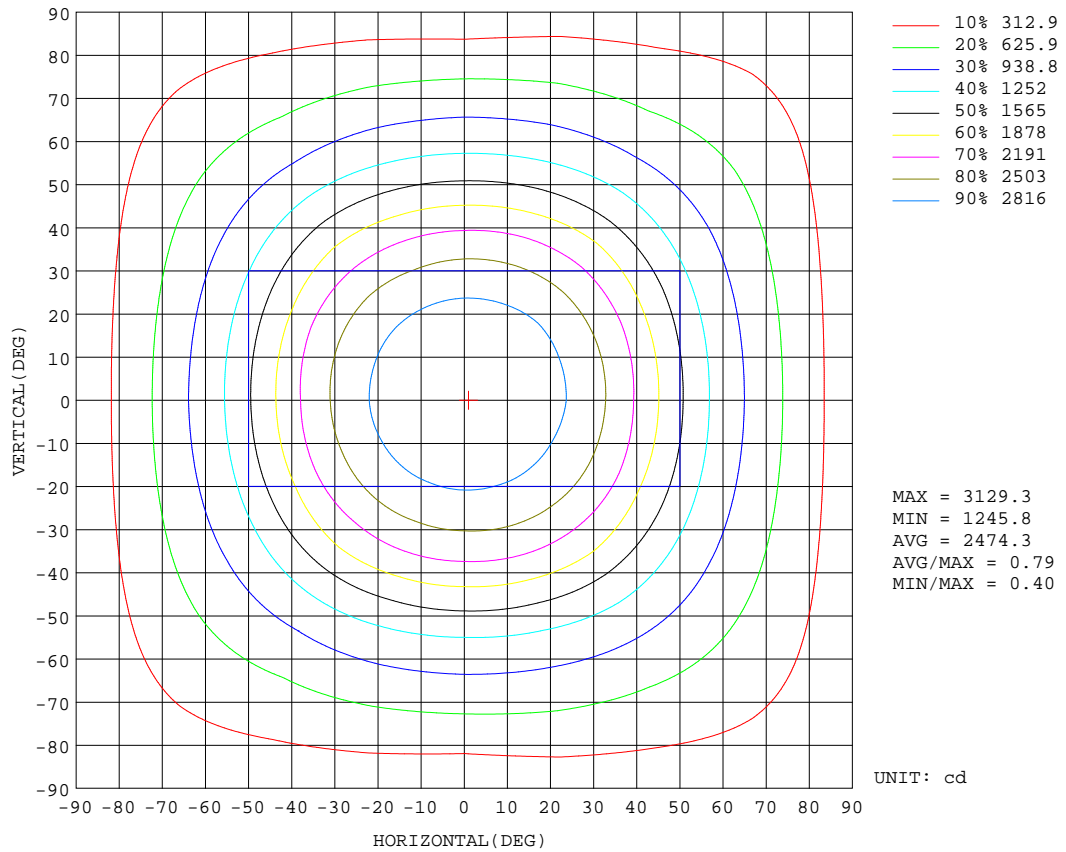
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	47	40	58	47	40	57	46	40	34
0.80	68	57	50	67	56	50	66	56	49	42
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	64	57
1.50	88	78	71	86	77	71	83	75	70	62
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	94	89	99	93	88	95	90	85	77
4.00	105	100	95	103	98	93	99	94	91	81
5.00	108	103	99	105	101	97	101	97	94	84
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:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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

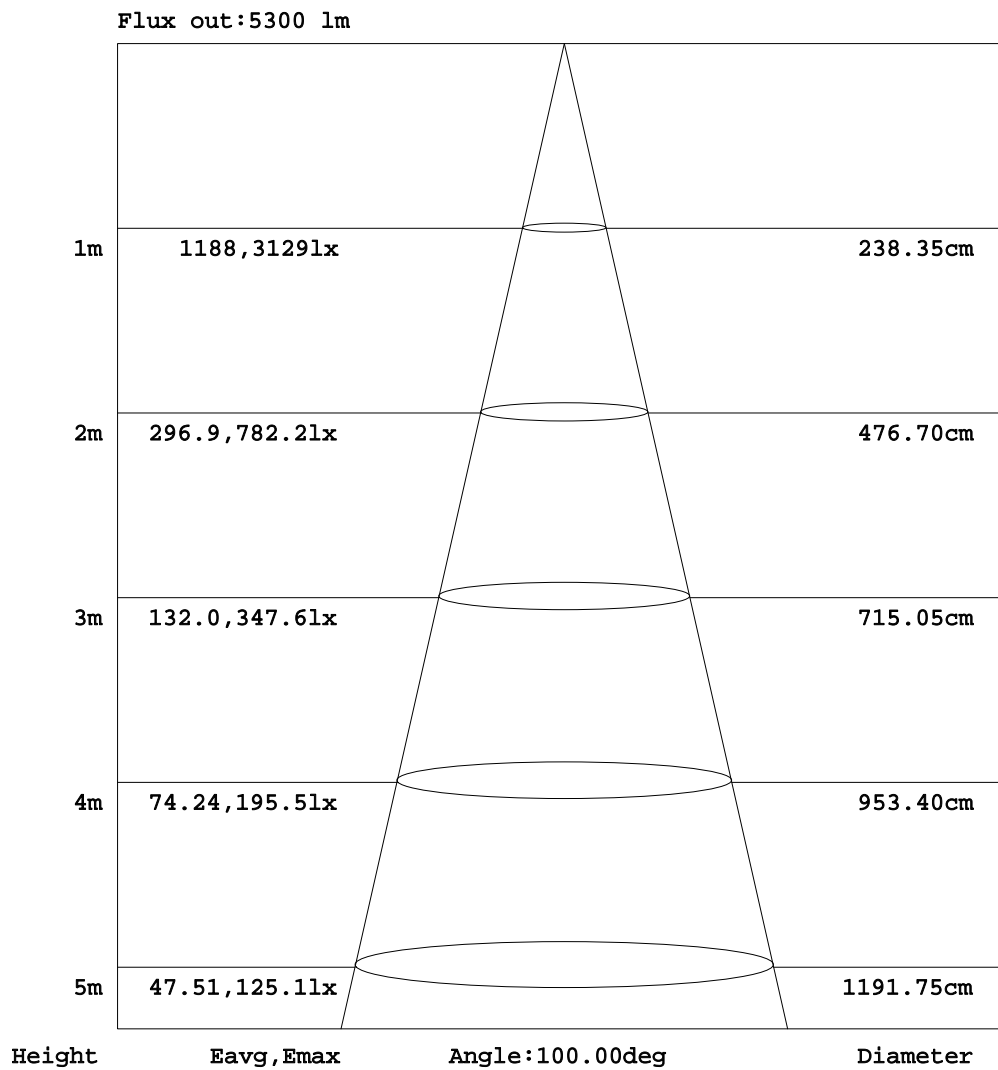


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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



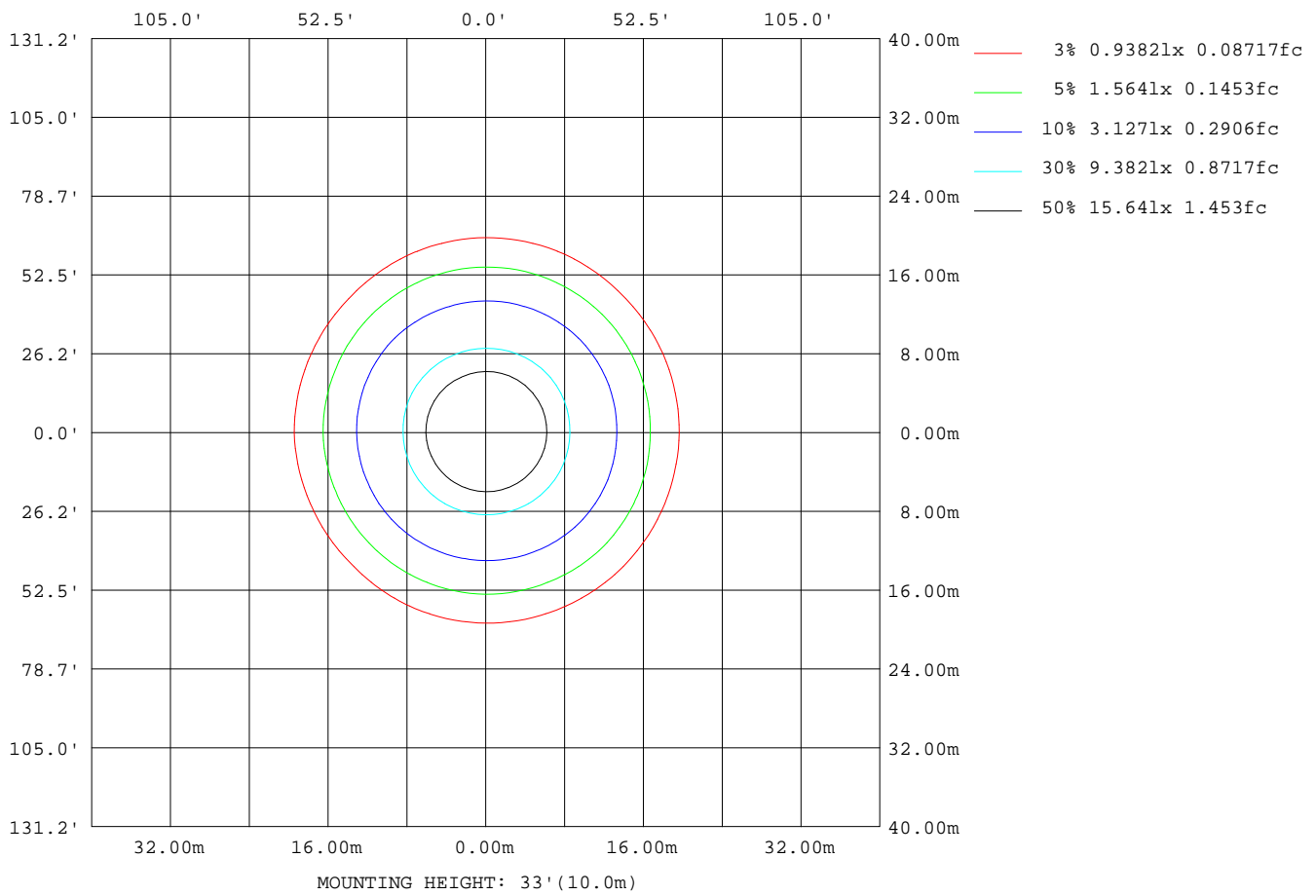
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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:East
 Test Date:2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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

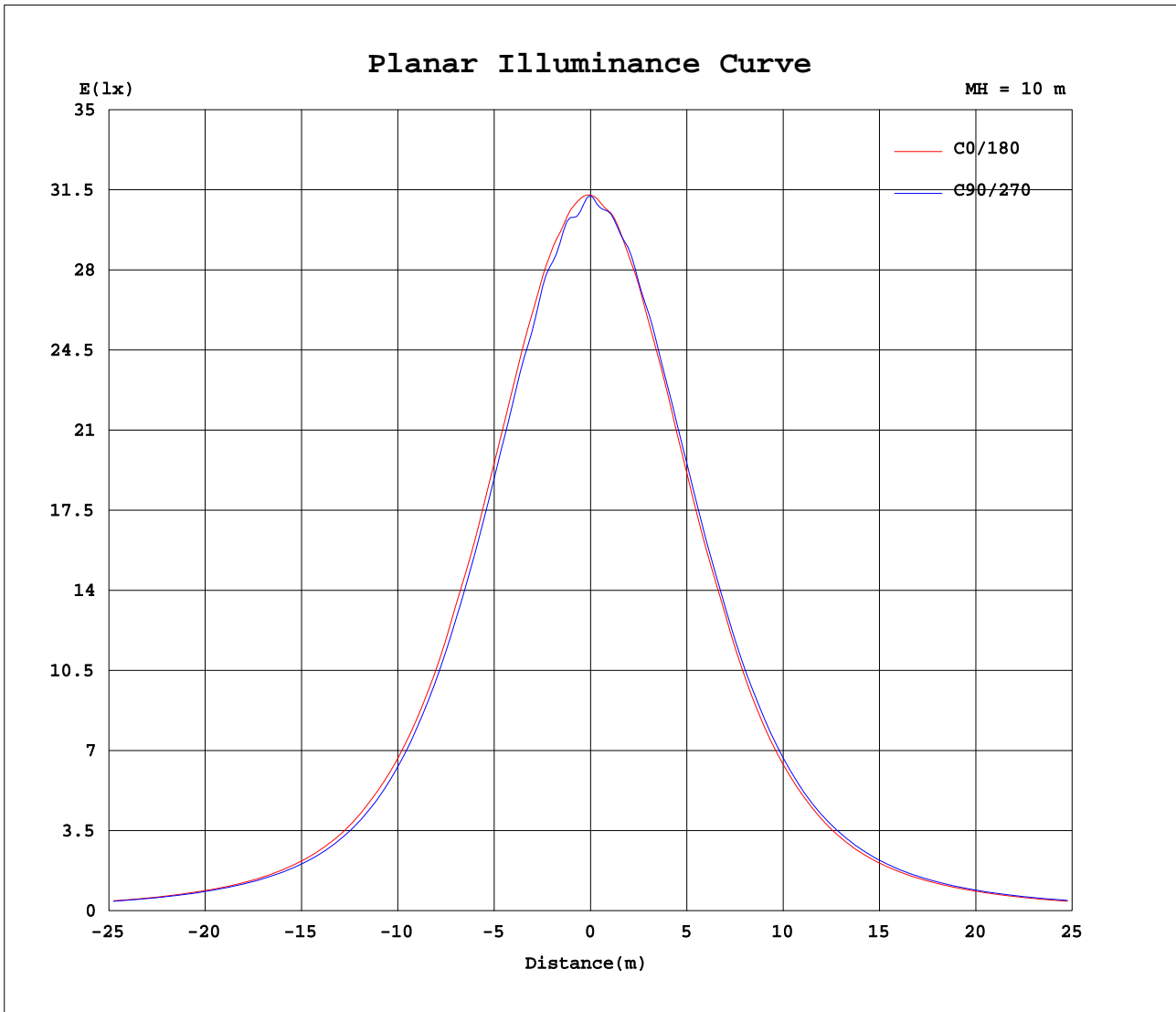
AvgL	cd/m2
L_0~180(65)av	5593
L_0~180(75)av	5488
L_0~180(85)av	7408
L_90~270(65)av	5642
L_90~270(75)av	5655
L_90~270(85)av	7513
L_45(65)av	5432
L_45(75)av	5384
L_45(85)av	7818

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:East
 Test Date:2020-10-26

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: East
 Test Date: 2020-10-26

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:0.2741A P:60.80W PF:0.9639 Lamp Flux:8364.72x1 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	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126	3126			
5	3114	3081	3058	3068	3065	3048	3040	3075	3095	3067	3060	3079	3093	3094	3082	3088			
10	3072	3011	3052	3014	3006	3000	3051	3009	3050	3032	3058	3039	3062	3058	3057	3035			
15	3009	2997	2952	2975	2949	2969	2927	2953	2974	2979	2991	2990	2992	3003	3010	3005			
20	2914	2885	2876	2844	2840	2832	2848	2851	2867	2863	2880	2910	2906	2910	2918	2912			
25	2777	2745	2731	2701	2693	2682	2690	2705	2720	2746	2759	2769	2778	2790	2805	2792			
30	2607	2594	2559	2539	2516	2507	2520	2528	2542	2572	2593	2593	2609	2629	2638	2636			
35	2421	2388	2360	2332	2309	2300	2301	2328	2350	2370	2382	2392	2408	2432	2442	2438			
40	2152	2141	2119	2086	2055	2049	2056	2063	2077	2124	2142	2145	2159	2184	2204	2189			
45	1883	1859	1867	1806	1780	1770	1805	1781	1806	1834	1889	1877	1888	1913	1952	1908			
50	1608	1595	1575	1526	1501	1494	1509	1517	1535	1568	1604	1603	1608	1626	1640	1637			
55	1337	1329	1315	1275	1252	1247	1250	1252	1277	1301	1338	1346	1355	1371	1384	1363			
60	1113	1109	1096	1068	1058	1043	1031	1044	1075	1079	1098	1124	1137	1143	1141	1134			
65	937	916	908	900	894	875	840	869	901	897	891	938	960	959	932	942			
70	770	748	732	742	727	707	668	699	717	722	707	767	796	789	747	774			
75	579	568	556	562	532	528	503	526	525	542	537	588	606	615	571	594			
80	406	411	404	400	366	376	364	377	363	391	397	426	423	450	423	430			
85	273	279	267	267	232	245	235	244	230	257	267	287	277	307	291	298			
90	159	158	150	145	128	131	126	121	124	140	153	162	153	172	172	167			
95	73.0	20.5	53.0	71.5	73.6	62.2	36.6	27.8	3.72	8.72	54.5	84.3	92.8	86.9	59.6	0.13			
100	60.0	42.8	14.5	22.9	28.7	19.0	12.1	36.9	51.8	38.4	19.4	34.4	44.6	34.0	24.3	48.0			
105	29.3	18.1	1.08	1.04	4.14	1.05	1.11	16.9	27.9	19.3	0.94	5.89	13.2	4.77	4.60	22.2			
110	8.63	1.28	1.13	1.12	1.10	1.12	1.16	1.25	6.89	1.03	0.80	0.74	0.72	0.72	0.77	4.13			
115	1.31	1.26	1.22	1.22	1.19	1.23	1.25	1.29	0.96	0.96	0.89	0.85	0.81	0.82	0.85	0.93			
120	1.44	1.38	1.36	1.39	1.77	1.39	1.41	1.40	1.07	1.02	0.98	0.95	0.92	0.92	0.94	0.96			
125	1.60	1.57	1.60	1.63	1.59	1.62	1.62	1.62	1.21	1.11	1.13	1.07	1.03	1.05	1.06	1.05			
130	1.91	1.91	1.97	2.00	1.94	1.96	1.97	1.94	1.32	1.28	1.26	1.20	1.14	1.21	1.19	1.20			
135	2.32	2.36	2.41	2.44	2.40	2.43	2.38	2.31	1.46	1.42	1.38	1.38	1.33	1.36	1.36	1.37			
140	2.87	2.95	3.05	3.03	3.08	3.06	2.96	2.86	1.63	1.53	1.53	1.54	1.51	1.50	1.50	1.53			
145	3.54	3.65	3.84	3.84	3.86	3.83	3.70	3.51	1.80	1.64	1.75	1.76	1.75	1.71	1.71	1.75			
150	4.02	4.21	4.40	4.45	4.41	4.39	4.26	4.06	1.97	1.82	1.93	1.90	1.88	1.89	1.92	1.94			
155	4.54	4.75	4.76	4.82	4.83	4.80	4.66	4.57	2.18	2.06	2.17	2.17	2.13	2.16	2.15	2.24			
160	4.76	4.84	4.85	4.98	4.90	4.94	4.81	4.62	2.51	2.42	2.38	2.33	2.32	2.32	2.32	2.49			
165	4.53	4.60	4.64	4.62	4.64	4.65	4.62	4.44	2.74	2.69	2.57	2.46	2.37	2.41	2.41	2.70			
170	4.35	4.29	4.26	4.16	4.25	4.22	4.29	4.21	2.98	2.96	2.76	2.67	2.56	2.57	2.58	2.86			
175	4.10	4.04	3.96	3.86	3.75	3.89	3.93	4.02	3.34	3.33	3.19	3.03	2.95	2.89	2.99	3.20			
180	3.68	3.54	3.53	3.33	3.34	3.41	3.61	3.53	3.70	3.69	3.56	3.54	3.35	3.38	3.41	3.62			

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