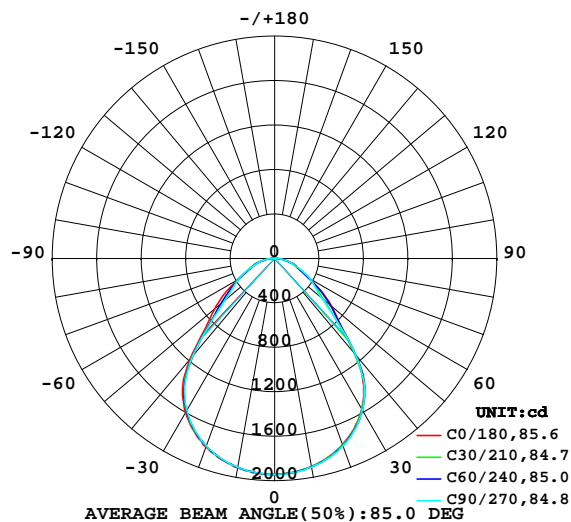


LUMINAIRE PHOTOMETRIC TEST REPORT

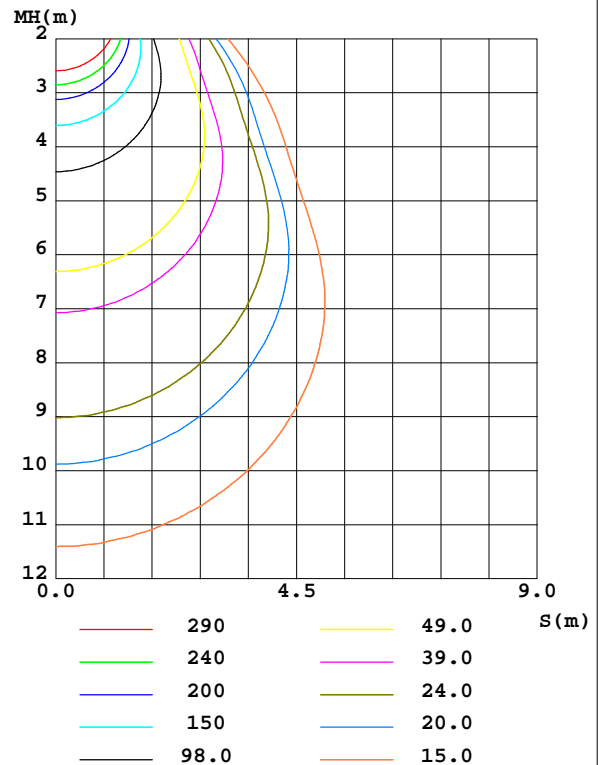
Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 109.74 lm/W
MODEL		Imax(cd)	1949	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.21	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3990.9	η UP,DN(C0-180)	0.4,48.8	
NOMINAL FLUX(lm)	3990.86	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,50.4	
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	η down(%)	99.2	CIBSE SHR MAX	1.25	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Mr.Ma

Test Date:12 August 2024

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:6.100m [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	1900	1904	1906	1902	1912	1909	1908	1911	0- 10	183.7	183.7	4.6,4.6
20	1783	1790	1796	1785	1804	1799	1798	1805	10- 20	525.1	708.8	17.8,17.8
30	1566	1575	1578	1563	1602	1586	1579	1601	20- 30	783.2	1492	37.4,37.4
40	1126	1130	1135	1107	1189	1153	1148	1199	30- 40	873.2	2365	59.3,59.3
50	669.3	618.2	551.0	625.4	706.0	624.7	582.8	669.5	40- 50	655.3	3021	75.7,75.7
60	350.9	363.5	367.4	366.8	392.3	378.7	371.2	396.5	50- 60	442.0	3463	86.8,86.8
70	197.4	205.0	206.4	203.3	217.2	214.9	211.0	218.4	60- 70	279.0	3742	93.8,93.8
80	91.04	91.83	93.59	90.69	102.5	102.1	100.8	105.9	70- 80	163.8	3905	97.9,97.9
90	0.6227	0.6184	0.5893	0.6194	3.146	1.097	0.7985	3.333	80- 90	54.90	3960	99.2,99.2
100	1.463	1.430	1.402	1.530	1.416	1.441	1.473	1.392	90-100	1.103	3961	99.3,99.3
110	2.915	2.869	2.802	2.997	2.805	2.863	2.811	2.750	100-110	2.239	3964	99.3,99.3
120	4.547	4.477	4.466	4.663	4.349	4.399	4.348	4.268	110-120	3.613	3967	99.4,99.4
130	6.192	6.174	6.188	6.364	5.966	6.017	6.030	5.859	120-130	4.721	3972	99.5,99.5
140	7.536	7.596	7.614	7.724	7.370	7.400	7.396	7.219	130-140	5.268	3977	99.7,99.7
150	8.687	8.726	8.735	8.834	8.535	8.541	8.539	8.351	140-150	5.049	3982	99.8,99.8
160	10.35	10.28	10.24	10.37	10.04	10.03	10.06	9.927	150-160	4.269	3987	99.9,99.9
170	11.68	11.64	11.56	11.64	11.59	11.52	11.54	11.51	160-170	3.090	3990	100,100
180	12.20	12.16	12.11	12.14	12.23	12.16	12.10	12.14	170-180	1.131	3991	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 2728.2 lm

%lum = 68.4%

%lamp = 68.4%

Conical surface Flux(130deg): 3619.6 lm

%lum = 90.7%

%lamp = 90.7%

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Mr.Ma

Test Date:12 August 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz
Lamp Flux:3990.86x1 lm

NAME: LED347 (38W 3000K) Uplight off

TYPE: 调光双色暖白白色

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

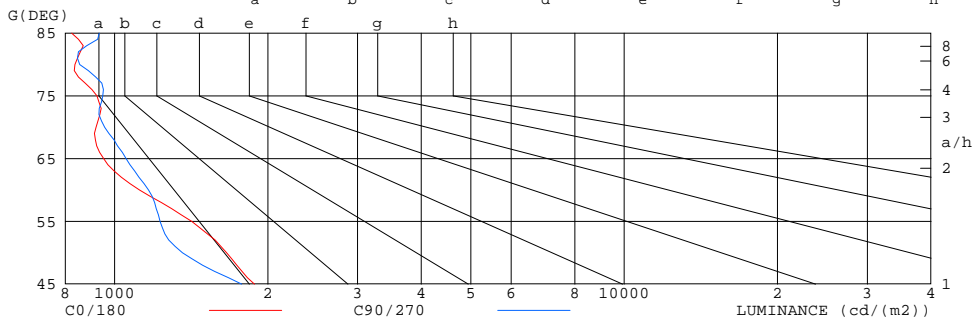
MFR.:

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	824	933
80	836	855
75	924	948
70	920	957
65	952	1053
60	1119	1165
55	1417	1229
50	1660	1359
45	1883	1777

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 12 August 2024

 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity: 65.0%

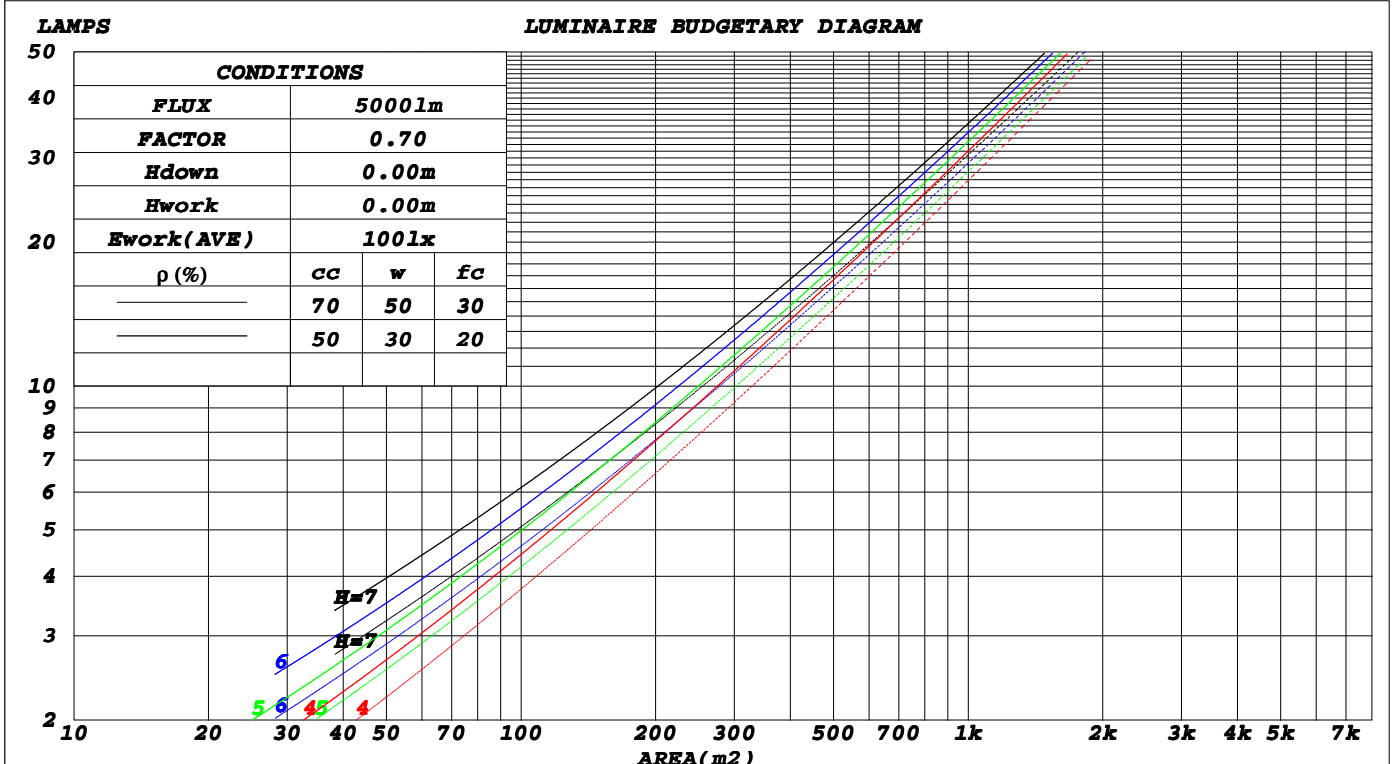
Test Distance: 6.100m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.01	1.01	1.01	.99
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.89	.84	.93	.87	.83	.89	.84	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.77	.72	.83	.76	.71	.80	.74	.70	.77	.72	.68	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.68	.62	.72	.66	.61	.70	.65	.60	.68	.63	.59	.57
5.0	.69	.61	.55	.68	.60	.55	.66	.59	.54	.64	.58	.54	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.59	.52	.48	.57	.52	.47	.46
7.0	.58	.50	.44	.57	.49	.44	.55	.48	.44	.54	.48	.43	.52	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.36	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.37	.33	.31



C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 12 August 2024

 γ Range: 0 - 180DEG γ Interval: 1.0DEG γ Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks:

WEC AND CCEC

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0														
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρ_{fc}	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.266	.151	.048	.258	.147	.047	.245	.141	.045	.233	.134	.043	.221	.128	.041															
2.0	.252	.138	.042	.245	.135	.042	.234	.130	.040	.223	.125	.039	.213	.120	.038															
3.0	.235	.125	.037	.230	.123	.037	.219	.119	.036	.210	.115	.035	.201	.111	.034															
4.0	.220	.114	.034	.215	.112	.033	.206	.109	.033	.197	.106	.032	.189	.103	.031															
5.0	.205	.105	.030	.201	.103	.030	.193	.100	.030	.185	.098	.029	.178	.095	.029															
6.0	.192	.096	.028	.188	.095	.027	.181	.093	.027	.174	.091	.027	.168	.089	.026															
7.0	.180	.089	.025	.177	.088	.025	.171	.086	.025	.165	.084	.025	.159	.083	.024															
8.0	.170	.083	.023	.167	.082	.023	.161	.080	.023	.156	.079	.023	.151	.077	.023															
9.0	.160	.078	.022	.158	.077	.022	.152	.075	.021	.147	.074	.021	.143	.073	.021															
10.0	.152	.073	.020	.149	.072	.020	.145	.071	.020	.140	.070	.020	.136	.068	.020															

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Ceiling Cavity Exitance Coefficients(CCEC)															
0.0	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.183	.162	.144	.157	.139	.124	.107	.096	.086	.062	.055	.050	.020	.018	.016	
2.0	.173	.138	.109	.148	.119	.094	.101	.082	.066	.058	.048	.038	.019	.015	.013	
3.0	.164	.120	.085	.140	.104	.074	.096	.072	.052	.056	.042	.031	.018	.014	.010	
4.0	.156	.106	.069	.133	.092	.060	.092	.064	.042	.053	.037	.025	.017	.012	.008	
5.0	.148	.096	.057	.127	.083	.049	.088	.058	.035	.051	.034	.021	.016	.011	.007	
6.0	.141	.087	.048	.121	.075	.042	.084	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.134	.080	.042	.116	.069	.036	.080	.049	.026	.046	.029	.015	.015	.009	.005	
8.0	.128	.074	.037	.111	.064	.032	.077	.045	.023	.045	.027	.014	.014	.009	.004	
9.0	.123	.069	.033	.106	.060	.029	.073	.042	.020	.043	.025	.012	.014	.008	.004	
10.0	.118	.065	.030	.101	.056	.026	.070	.040	.018	.041	.023	.011	.013	.008	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Mr.Ma
Test Date:12 August 2024
 γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:6.100m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm										
NAME: LED347 (38W 3000K) Uplight off					TYPE: 调光双色暖白白色			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:			Shielding Angle:		
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	8.2	9.5	8.5	9.7	9.9	8.1	9.5	8.4	9.7	9.9
3H	9.0	10.2	9.3	10.5	10.7	9.0	10.3	9.3	10.5	10.8
4H	9.4	10.6	9.7	10.9	11.1	9.5	10.7	9.8	10.9	11.2
6H	9.7	10.8	10.1	11.1	11.4	9.9	11.0	10.2	11.2	11.5
8H	9.9	10.9	10.2	11.2	11.5	10.0	11.0	10.3	11.3	11.6
12H	10.0	11.0	10.3	11.3	11.6	10.1	11.1	10.5	11.4	11.7
4H 2H	8.5	9.7	8.8	9.9	10.2	8.4	9.6	8.7	9.9	10.1
3H	9.5	10.6	9.9	10.9	11.2	9.6	10.6	10.0	10.9	11.2
4H	10.1	11.0	10.5	11.3	11.7	10.2	11.1	10.6	11.5	11.8
6H	10.5	11.4	10.9	11.7	12.1	10.7	11.5	11.1	11.9	12.3
8H	10.7	11.5	11.2	11.9	12.3	10.9	11.7	11.3	12.0	12.4
12H	10.9	11.6	11.3	12.0	12.4	11.1	11.8	11.5	12.2	12.6
8H 4H	10.3	11.1	10.7	11.4	11.8	10.4	11.2	10.8	11.5	11.9
6H	10.9	11.5	11.3	11.9	12.4	11.1	11.7	11.5	12.1	12.5
8H	11.2	11.7	11.6	12.2	12.6	11.4	11.9	11.8	12.4	12.8
12H	11.4	11.9	11.9	12.4	12.9	11.7	12.1	12.1	12.6	13.1
12H 4H	10.3	11.0	10.7	11.4	11.8	10.4	11.1	10.8	11.5	11.9
6H	10.9	11.5	11.4	11.9	12.4	11.1	11.7	11.6	12.1	12.6
8H	11.3	11.8	11.8	12.2	12.7	11.5	11.9	12.0	12.4	12.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.4 / - 0.2					+ 0.4 / - 0.5				
2.0H	+ 0.6 / - 0.6					+ 0.6 / - 0.5				

CIE Pub.117, 3991 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.8$)
Area: 0.63 m2

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Mr.Ma

Test Date:12 August 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

UTILIZATION FACTORS TABLE

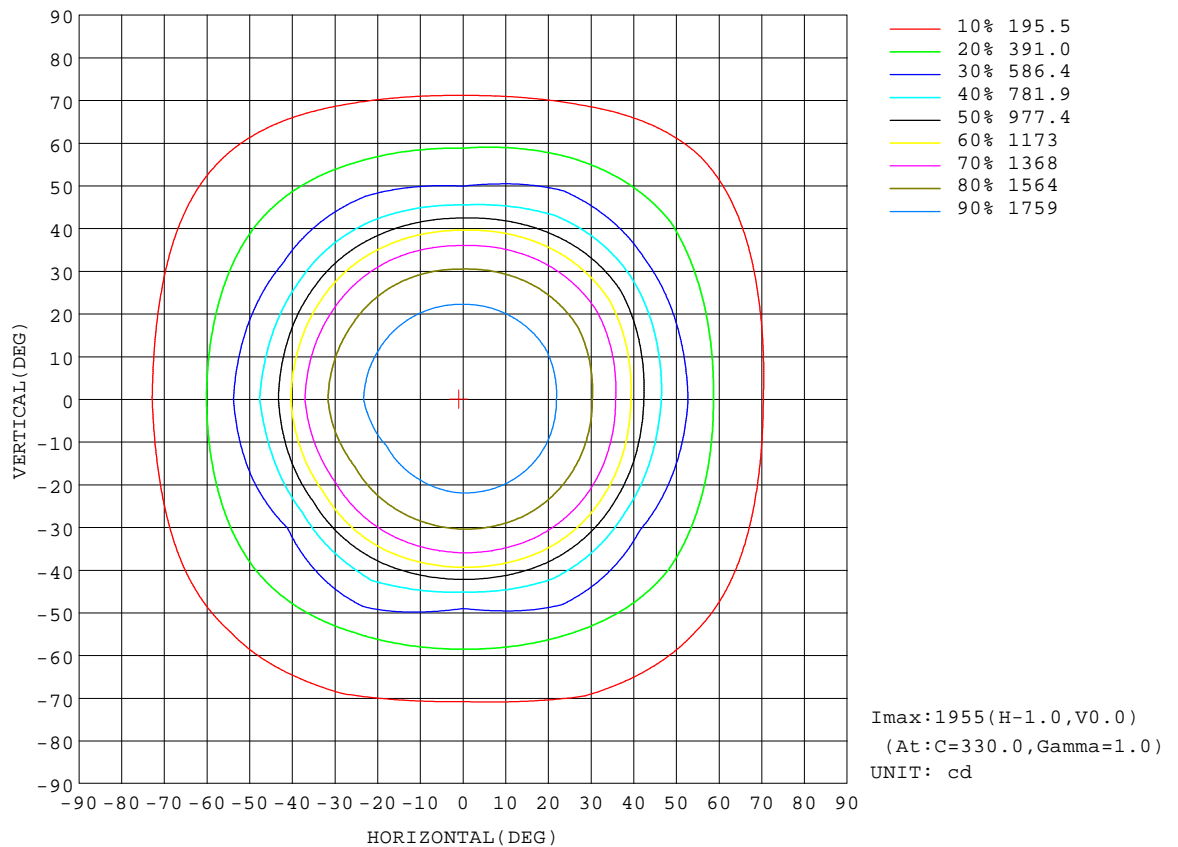
Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	50	66	56	50	64	55	50	44
0.80	76	66	60	75	66	60	73	65	59	53
1.00	83	74	68	82	73	68	80	74	67	61
1.25	90	81	75	88	80	75	86	79	74	67
1.50	94	86	80	92	85	79	89	83	78	72
2.00	99	92	87	98	91	86	94	89	85	78
2.50	103	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	98	102	99	96	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Mr.Ma
Test Date:12 August 2024
 γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:65.0%
Test Distance:6.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

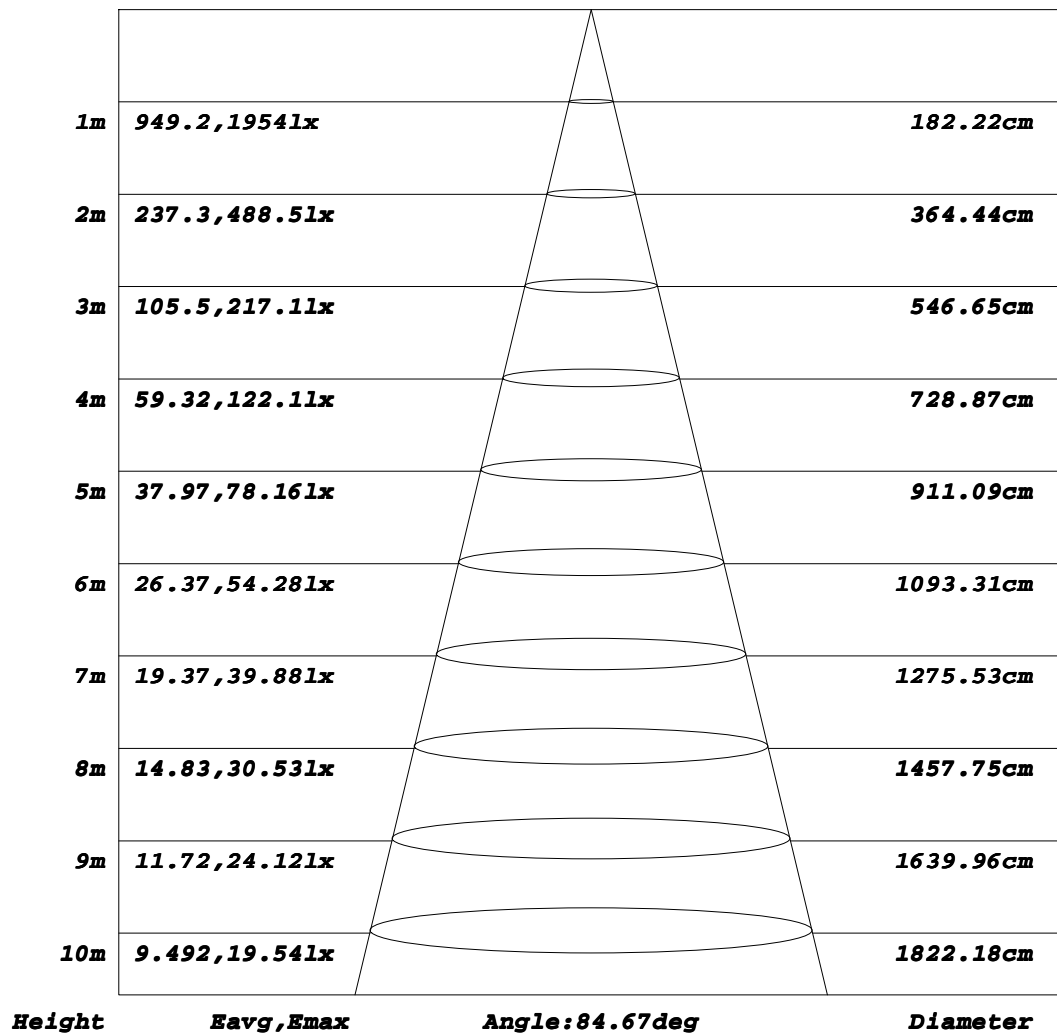
Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**C Range: 0 - 360DEG****C Interval: 30.0DEG****Test Speed: HIGH****Temperature: 25.3°C****Operators: Mr.Ma****Test Date: 12 August 2024****γ Range: 0 - 180DEG****γ Interval: 1.0DEG****Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459****Humidity: 65.0%****Test Distance: 6.100m [K=1.0000]****Remarks:**

AAI Figure

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2593 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: 30.0DEG

Test Speed: HIGH

Temperature: 25.3°C

Operators: Mr.Ma

Test Date: 12 August 2024

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459

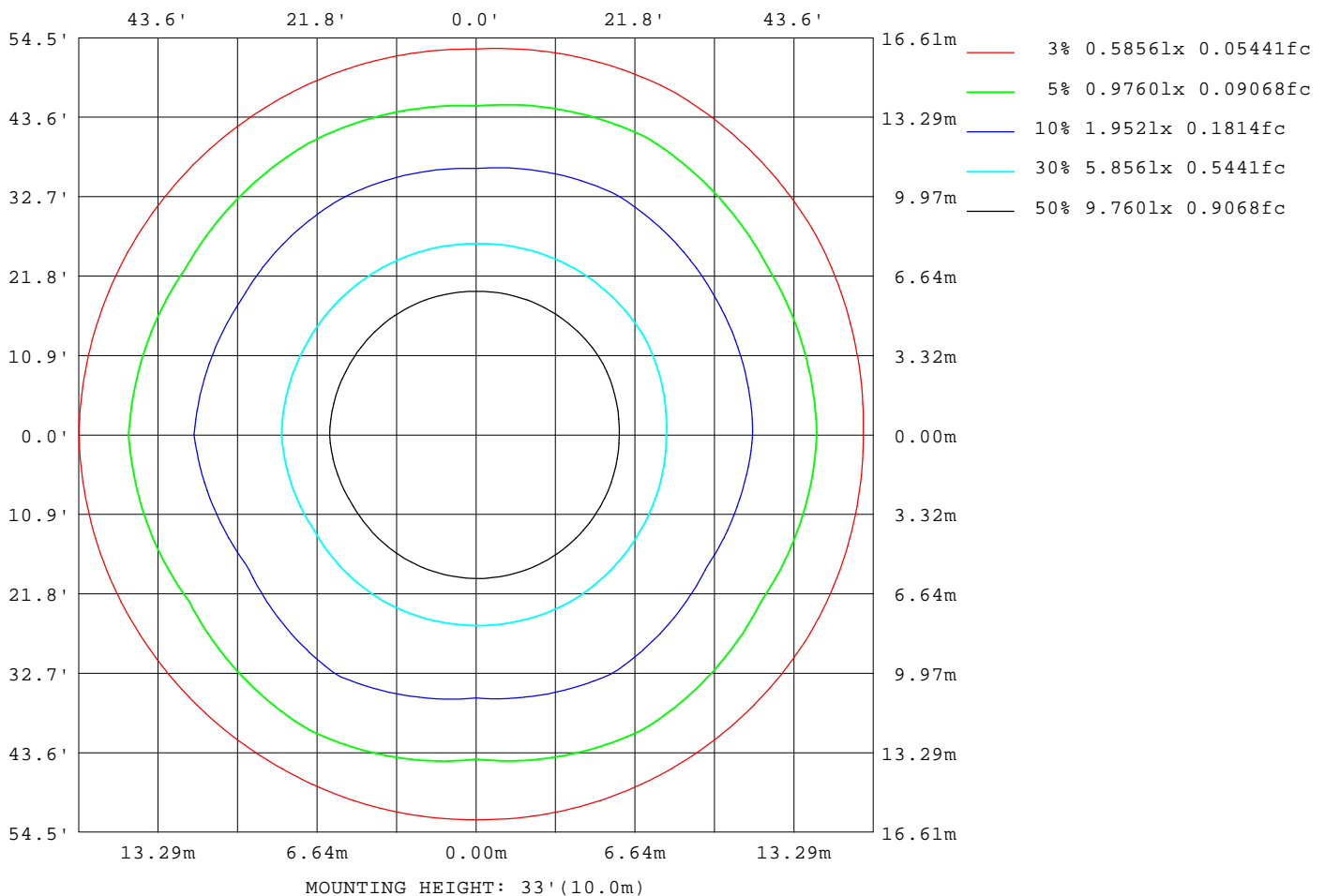
Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Mr. Ma
Test Date: 12 August 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 65.0%
Test Distance: 6.100m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm		
NAME: LED347 (38W 3000K) Uplight off	TYPE: 调光双色暖白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	991
L_0~180(75)av	984
L_0~180(85)av	986
L_90~270(65)av	1075
L_90~270(75)av	950
L_90~270(85)av	972
L_45(65)av	1048
L_45(75)av	961
L_45(85)av	970

Standard: GB/T 29293-2012

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Test Speed: HIGH

Temperature:25.3℃

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γ Range: 0 - 180DEG

γ Interval: 1.0DEG

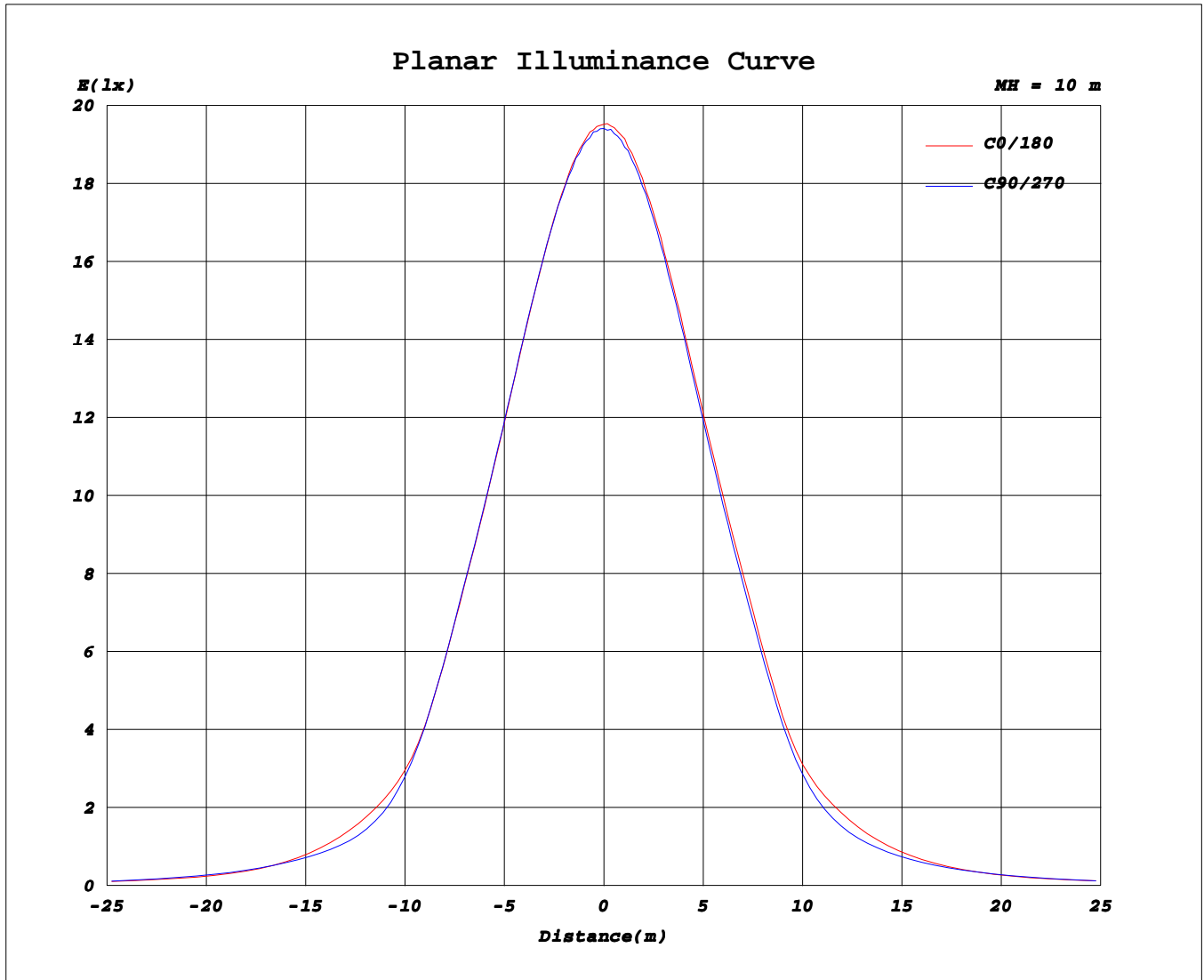
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG

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 γ Range: 0 - 180DEG γ Interval: 1.0DEG

Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.08V I:0.1621A P:36.368W PF:0.9748 Freq:50.00Hz Lamp Flux:3990.86x1 lm																	
NAME: LED347 (38W 3000K) Uplight off									TYPE: 调光双色暖白白色						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:						Shielding Angle:		

Table--1

UNIT: cd

C(°) \ γ (°)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943						
5	1930	1932	1933	1933	1932	1931	1937	1935	1934	1934	1935	1936						
10	1900	1903	1904	1906	1902	1902	1912	1910	1909	1908	1910	1912						
15	1851	1855	1860	1861	1855	1854	1868	1866	1865	1864	1866	1870						
20	1783	1788	1793	1796	1786	1783	1804	1800	1799	1798	1802	1808						
25	1689	1696	1701	1702	1692	1689	1718	1709	1707	1704	1712	1724						
30	1566	1571	1579	1578	1567	1560	1602	1587	1586	1579	1593	1609						
35	1397	1406	1415	1411	1399	1388	1445	1424	1424	1411	1435	1455						
40	1126	1120	1140	1135	1121	1092	1189	1156	1150	1148	1184	1213						
45	835	786	826	792	839	782	876	830	825	810	869	910						
50	669	581	656	551	679	571	706	617	633	583	681	658						
55	510	465	501	444	503	477	546	484	491	460	525	496						
60	351	375	352	367	350	383	392	387	370	371	394	399						
65	252	279	259	281	250	279	276	295	275	292	280	313						
70	197	198	212	206	206	200	217	219	211	211	208	229						
75	150	144	158	155	157	149	171	163	160	155	165	159						
80	91.0	87.9	95.7	93.6	91.7	89.7	103	104	100	101	103	109						
85	45.0	47.7	53.2	51.3	46.6	44.4	63.3	56.7	57.2	55.4	58.1	62.4						
90	0.62	0.60	0.64	0.59	0.61	0.63	3.15	1.37	0.82	0.80	1.93	4.74						
95	0.95	0.91	0.89	0.90	0.93	0.98	0.96	0.95	0.97	0.99	0.94	0.92						
100	1.46	1.44	1.42	1.40	1.51	1.56	1.42	1.43	1.45	1.47	1.40	1.38						
105	2.14	2.15	2.08	2.05	2.19	2.24	2.05	2.12	2.10	2.09	2.07	1.98						
110	2.91	2.91	2.83	2.80	2.97	3.03	2.81	2.88	2.85	2.81	2.81	2.69						
115	3.72	3.71	3.63	3.62	3.78	3.87	3.61	3.64	3.63	3.59	3.61	3.45						
120	4.55	4.52	4.44	4.47	4.63	4.70	4.35	4.39	4.41	4.35	4.34	4.20						
125	5.39	5.37	5.30	5.35	5.48	5.59	5.16	5.23	5.21	5.20	5.13	5.00						
130	6.19	6.20	6.14	6.19	6.29	6.44	5.97	6.04	6.00	6.03	5.92	5.80						
135	6.90	6.97	6.91	6.94	7.01	7.17	6.71	6.77	6.74	6.77	6.66	6.52						
140	7.54	7.64	7.55	7.61	7.64	7.81	7.37	7.40	7.40	7.40	7.31	7.13						
145	8.12	8.24	8.14	8.20	8.22	8.36	7.97	7.97	7.99	7.97	7.90	7.70						
150	8.69	8.76	8.69	8.73	8.78	8.89	8.53	8.54	8.55	8.54	8.46	8.24						
155	9.31	9.32	9.29	9.31	9.37	9.46	9.13	9.13	9.14	9.14	9.05	8.84						
160	10.4	10.3	10.3	10.2	10.3	10.4	10.0	10.00	10.1	10.1	10.00	9.85						
165	11.2	11.1	11.1	11.0	11.1	11.2	11.0	10.9	11.0	11.0	10.9	10.8						
170	11.7	11.7	11.6	11.6	11.6	11.7	11.6	11.5	11.5	11.5	11.5	11.5						
175	12.1	12.1	12.0	12.0	12.0	12.0	12.0	12.0	11.9	12.0	12.0	11.9						
180	12.2	12.2	12.1	12.1	12.1	12.1	12.2	12.2	12.1	12.1	12.2	12.1						

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