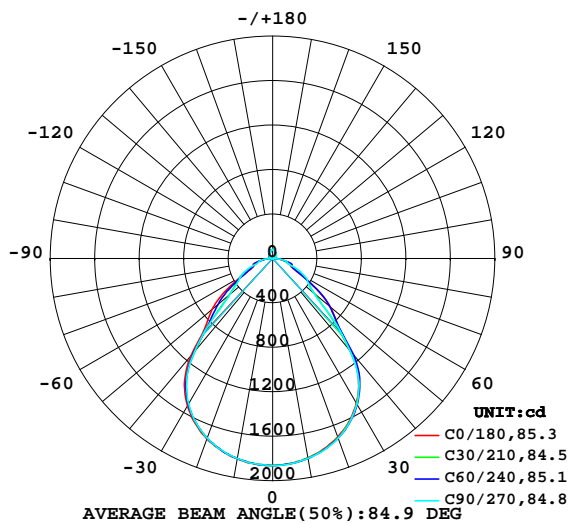


LUMINAIRE PHOTOMETRIC TEST REPORT

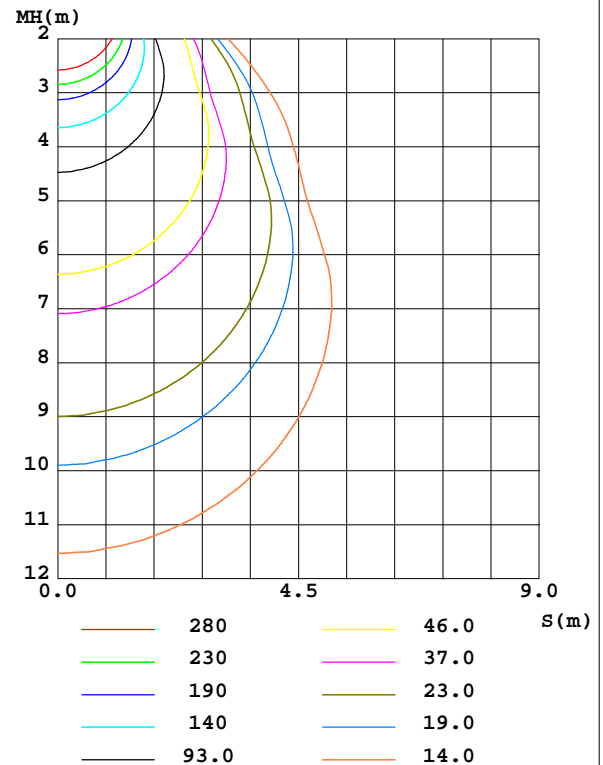
Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 110.31 lm/W
MODEL		Imax(cd)	1865	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)	3951.3	η UP,DN(C0-180)	2.7,46.7	
NOMINAL FLUX(lm)	3951.32	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.5,48.1	
LAMPS INSIDE	1	η up(%)	5.2	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	η down(%)	94.8	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°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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1821	1826	1828	1820	1830	1828	1826	1831	0- 10	176.0	176.0	4.45,4.45
20	1709	1719	1723	1707	1729	1722	1719	1731	10- 20	502.8	678.7	17.2,17.2
30	1503	1517	1516	1496	1534	1517	1511	1538	20- 30	750.4	1429	36.2,36.2
40	1089	1107	1087	1054	1150	1097	1096	1160	30- 40	839.4	2269	57.4,57.4
50	678.2	581.7	477.4	586.2	711.0	575.1	496.5	634.3	40- 50	624.6	2893	73.2,73.2
60	297.2	320.9	345.6	316.9	335.6	327.3	335.2	363.5	50- 60	407.9	3301	83.5,83.5
70	170.3	171.4	169.7	169.9	186.3	177.4	181.7	184.7	60- 70	238.3	3539	89.6,89.6
80	92.39	94.65	99.98	92.57	105.2	101.8	101.4	108.0	70- 80	152.1	3691	93.4,93.4
90	1.283	1.282	1.261	1.304	3.402	1.374	1.349	4.426	80- 90	54.01	3745	94.8,94.8
100	8.504	8.404	8.331	9.376	7.491	7.824	8.051	6.974	90-100	4.277	3750	94.9,94.9
110	21.51	21.67	21.37	22.54	20.46	21.07	20.52	19.60	100-110	15.25	3765	95.3,95.3
120	33.51	33.31	33.75	34.45	31.95	32.21	31.20	30.87	110-120	27.00	3792	96,96
130	43.47	43.67	44.11	44.56	42.04	41.70	40.50	40.03	120-130	33.75	3826	96.8,96.8
140	51.69	52.28	52.59	52.38	50.49	49.76	48.28	47.59	130-140	36.09	3862	97.7,97.7
150	58.28	58.54	58.68	58.02	56.92	55.88	54.42	53.22	140-150	33.72	3896	98.6,98.6
160	68.84	68.71	68.57	67.96	66.06	65.56	64.30	62.48	150-160	27.60	3923	99.3,99.3
170	79.11	79.14	78.29	77.63	78.24	77.77	76.93	75.39	160-170	20.58	3944	99.8,99.8
180	83.07	82.75	82.03	80.97	83.06	82.75	82.02	80.92	170-180	7.600	3951	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 2616.6 lm

%lum = 66.2%

%lamp = 66.2%

Conical surface Flux(130deg): 3436.9 lm

%lum = 87.0%

%lamp = 87.0%

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 γ 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:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz
Lamp Flux:3951.32x1 lm

NAME: LED347 (38W 4000K) Uplight on

TYPE: 调光双色中性白白色

WEIGHT:

SPEC.:

DIM.:

SERIAL No.:

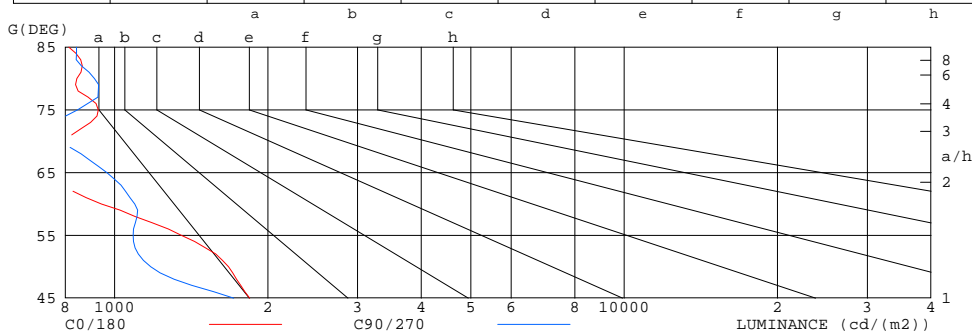
MFR.:

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	813	842
80	843	913
75	929	846
70	789	787
65	729	967
60	942	1096
55	1354	1088
50	1673	1178
45	1841	1712

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%

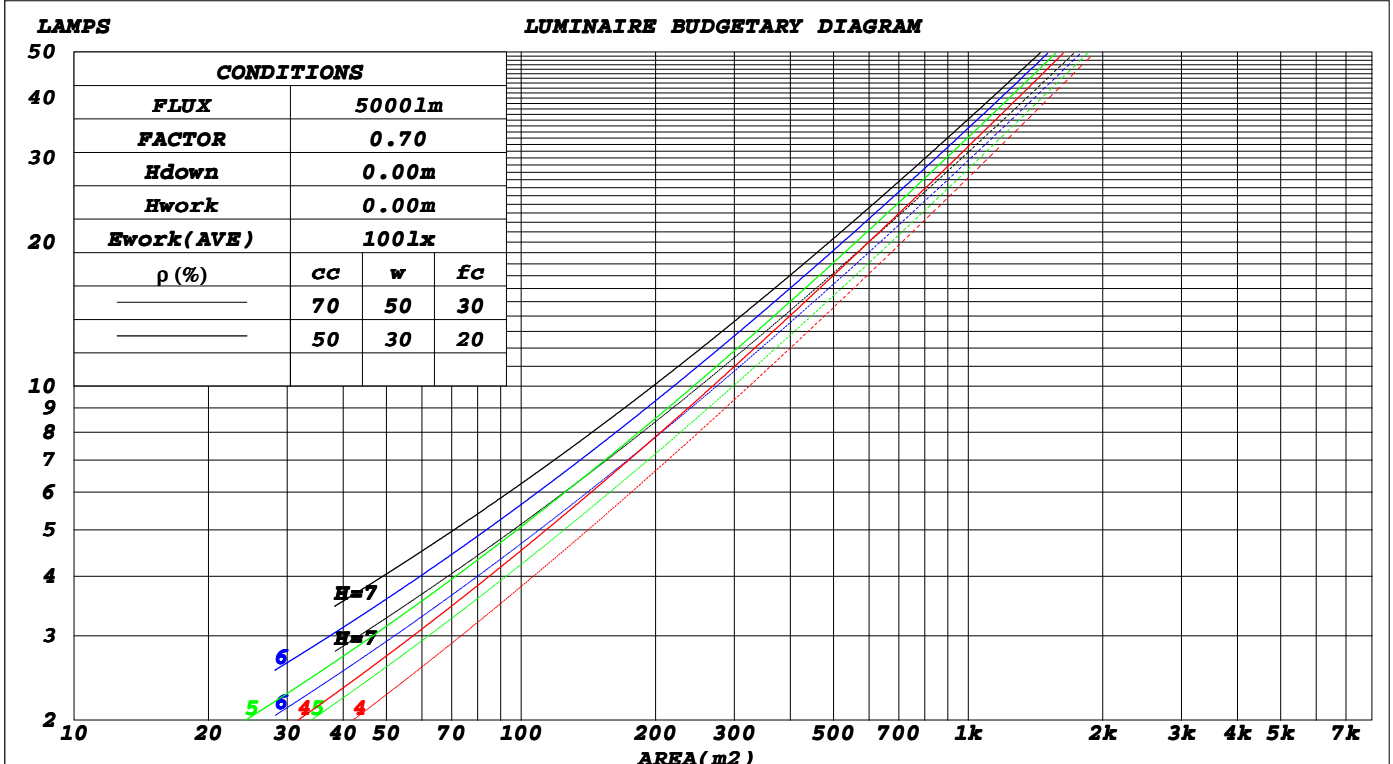
Test Distance:6.100m [K=1.0000]

Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	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	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.05	1.01	.98	1.02	.99	.96	.97	.94	.92	.92	.90	.88	.88	.86	.85	.83
2.0	.94	.88	.83	.91	.86	.81	.87	.83	.79	.83	.80	.76	.80	.77	.74	.72
3.0	.84	.77	.71	.82	.75	.70	.78	.73	.68	.75	.70	.67	.72	.68	.65	.63
4.0	.76	.68	.62	.74	.67	.61	.71	.65	.60	.68	.63	.59	.66	.61	.57	.55
5.0	.69	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.52	.60	.55	.51	.49
6.0	.62	.54	.49	.61	.54	.48	.59	.52	.47	.57	.51	.47	.55	.50	.46	.44
7.0	.57	.49	.44	.56	.49	.43	.54	.48	.43	.52	.47	.42	.51	.45	.42	.40
8.0	.53	.45	.40	.52	.44	.39	.50	.43	.39	.48	.43	.38	.47	.42	.38	.36
9.0	.49	.41	.36	.48	.41	.36	.46	.40	.35	.45	.39	.35	.44	.38	.34	.33
10.0	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.41	.35	.32	.30



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:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	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	.263	.150	.047	.255	.145	.046	.239	.137	.044	.224	.129	.042	.211	.122	.039															
2.0	.249	.136	.042	.241	.133	.041	.227	.126	.039	.214	.120	.038	.202	.114	.036															
3.0	.233	.124	.037	.226	.121	.036	.214	.116	.035	.202	.111	.034	.191	.106	.033															
4.0	.217	.113	.033	.211	.111	.033	.200	.106	.032	.190	.102	.031	.180	.098	.030															
5.0	.203	.103	.030	.198	.102	.030	.188	.098	.029	.179	.094	.028	.170	.091	.027															
6.0	.190	.095	.027	.185	.094	.027	.177	.090	.026	.168	.087	.026	.160	.084	.025															
7.0	.179	.088	.025	.174	.087	.025	.166	.084	.024	.159	.081	.024	.152	.079	.023															
8.0	.168	.082	.023	.164	.081	.023	.157	.078	.022	.150	.076	.022	.144	.074	.021															
9.0	.159	.077	.021	.155	.076	.021	.149	.074	.021	.142	.071	.020	.137	.069	.020															
10.0	.150	.072	.020	.147	.071	.020	.141	.069	.019	.135	.067	.019	.130	.065	.019															

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	.230	.230	.230	.197	.197	.197	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.217	.197	.178	.186	.169	.153	.127	.116	.106	.073	.067	.062	.023	.022	.020	
2.0	.207	.172	.143	.177	.148	.124	.121	.103	.087	.070	.060	.051	.022	.019	.017	
3.0	.198	.155	.120	.170	.133	.104	.116	.093	.073	.067	.054	.043	.022	.018	.014	
4.0	.190	.141	.104	.163	.122	.090	.112	.085	.063	.065	.050	.038	.021	.016	.012	
5.0	.182	.130	.092	.156	.113	.080	.108	.079	.057	.062	.046	.034	.020	.015	.011	
6.0	.175	.122	.083	.151	.105	.073	.104	.074	.051	.060	.043	.031	.019	.014	.010	
7.0	.169	.115	.077	.145	.100	.067	.100	.070	.048	.058	.041	.028	.019	.013	.009	
8.0	.163	.109	.072	.140	.095	.063	.097	.066	.045	.056	.039	.027	.018	.013	.009	
9.0	.157	.104	.068	.136	.090	.059	.094	.064	.042	.055	.038	.025	.018	.012	.008	
10.0	.152	.100	.065	.131	.087	.057	.091	.061	.040	.053	.036	.024	.017	.012	.008	

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:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm										
NAME: LED347 (38W 4000K) Uplight on					TYPE: 调光双色中性白白色			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	7.6	8.9	7.9	9.1	9.4	7.6	8.9	8.0	9.2	9.5
3H	8.2	9.4	8.6	9.7	10.0	8.4	9.5	8.7	9.8	10.2
4H	8.7	9.8	9.1	10.1	10.5	8.8	9.9	9.2	10.2	10.6
6H	9.1	10.1	9.5	10.5	10.9	9.3	10.3	9.7	10.7	11.0
8H	9.3	10.3	9.7	10.6	11.0	9.4	10.4	9.8	10.8	11.2
12H	9.4	10.3	9.8	10.7	11.1	9.5	10.5	10.0	10.9	11.3
4H 2H	7.8	8.9	8.2	9.3	9.6	7.8	8.9	8.2	9.3	9.6
3H	8.6	9.6	9.1	10.0	10.4	8.8	9.8	9.3	10.2	10.6
4H	9.3	10.1	9.7	10.5	11.0	9.5	10.4	9.9	10.8	11.2
6H	9.9	10.6	10.3	11.1	11.5	10.1	10.9	10.6	11.3	11.8
8H	10.1	10.8	10.6	11.3	11.8	10.4	11.1	10.8	11.5	12.0
12H	10.3	10.9	10.8	11.4	11.9	10.5	11.2	11.0	11.7	12.2
8H 4H	9.5	10.2	10.0	10.7	11.2	9.7	10.4	10.2	10.9	11.4
6H	10.3	10.9	10.8	11.3	11.9	10.5	11.1	11.0	11.6	12.1
8H	10.6	11.1	11.1	11.6	12.2	10.9	11.4	11.4	11.9	12.4
12H	10.9	11.3	11.4	11.9	12.4	11.2	11.6	11.7	12.1	12.7
12H 4H	9.5	10.2	10.0	10.7	11.2	9.7	10.4	10.2	10.8	11.4
6H	10.3	10.9	10.9	11.4	11.9	10.6	11.1	11.1	11.6	12.2
8H	10.7	11.2	11.3	11.7	12.3	11.0	11.4	11.5	12.0	12.5
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 / - 0.3					+ 0.4 / - 0.6				
2.0H	+ 0.8 / - 0.7					+ 0.7 / - 0.8				

CIE Pub.117, 3951 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.8$)
 Area: 0.63 m2

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

UTILIZATION FACTORS TABLE

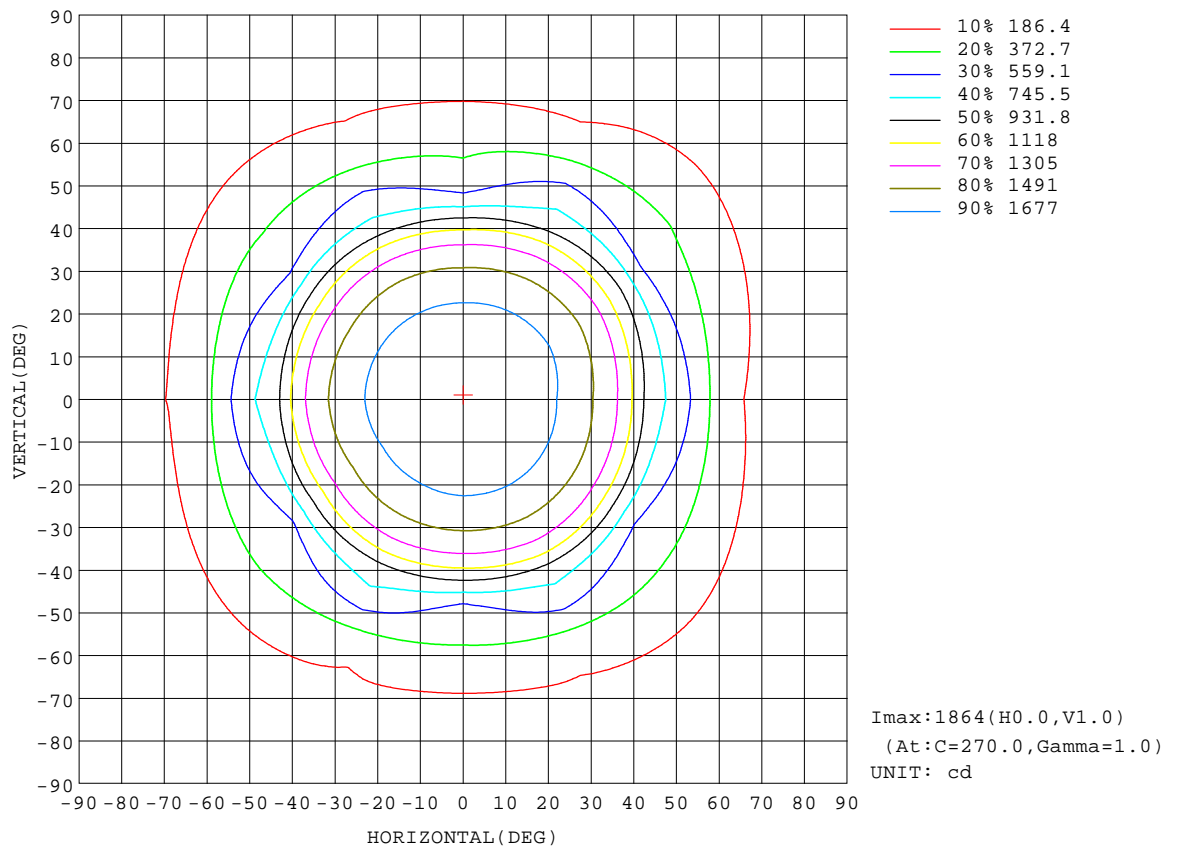
Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

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) $k(RI) \times RCR = 5$									
$k = 0.60$	65	55	49	64	55	49	63	54	49	43
0.80	75	65	59	73	64	58	71	63	58	51
1.00	82	73	67	81	72	66	78	72	65	59
1.25	88	80	74	87	79	73	84	77	72	65
1.50	93	84	79	91	83	78	87	81	76	69
2.00	98	91	86	96	90	85	92	87	83	75
2.50	101	95	90	99	93	89	95	90	86	77
3.00	104	98	94	102	96	92	97	93	89	80
4.00	107	102	99	105	100	97	100	96	93	83
5.00	109	105	102	106	103	100	101	98	96	85
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

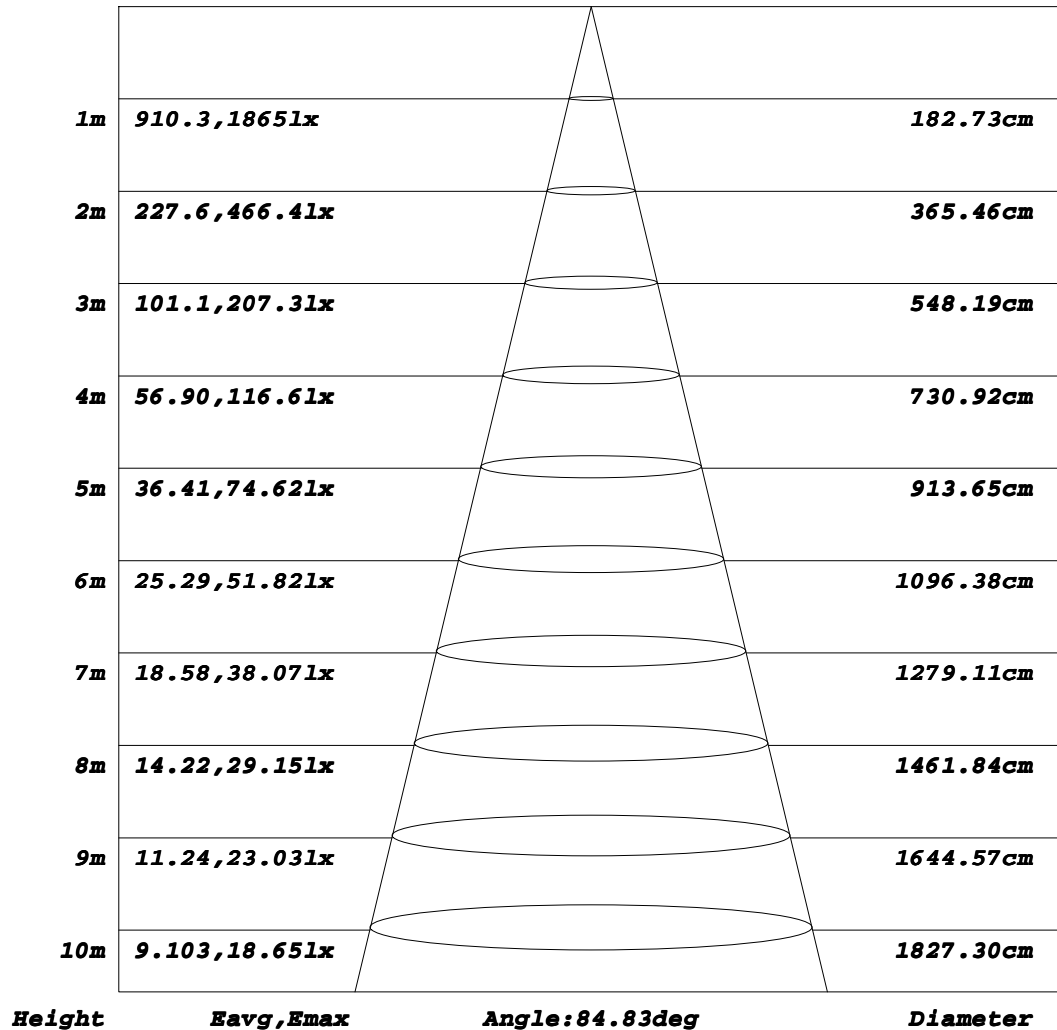
Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

**C Range: 0 - 360DEG****C Interval: 30.0DEG****Test Speed: HIGH****Temperature:25.3℃****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:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:2487 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

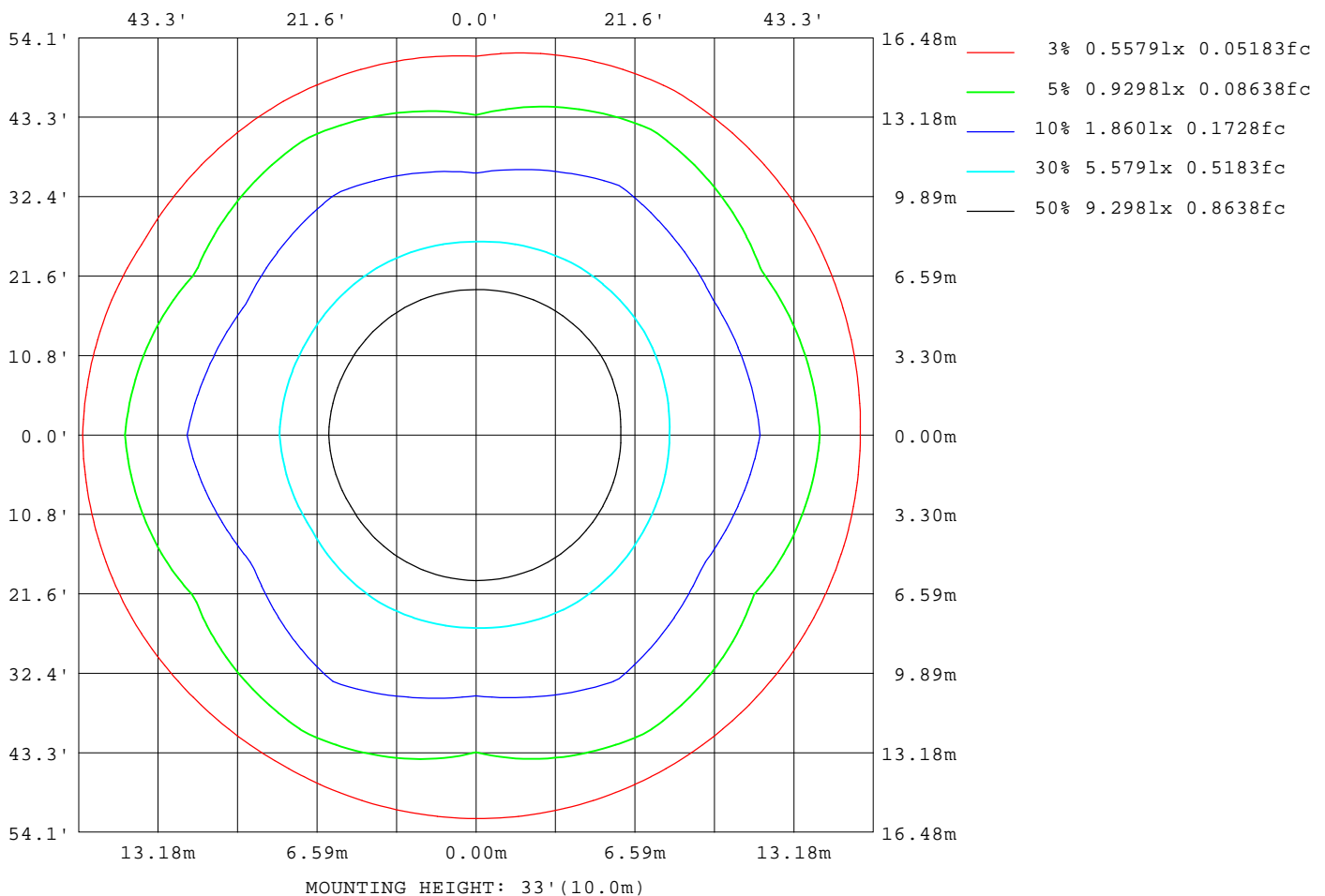
Humidity: 65.0%

Test Distance: 6.100m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	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:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	758
L_0~180(75)av	995
L_0~180(85)av	970
L_90~270(65)av	996
L_90~270(75)av	841
L_90~270(85)av	881
L_45(65)av	885
L_45(75)av	909
L_45(85)av	930

Standard: GB/T 29293-2012

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

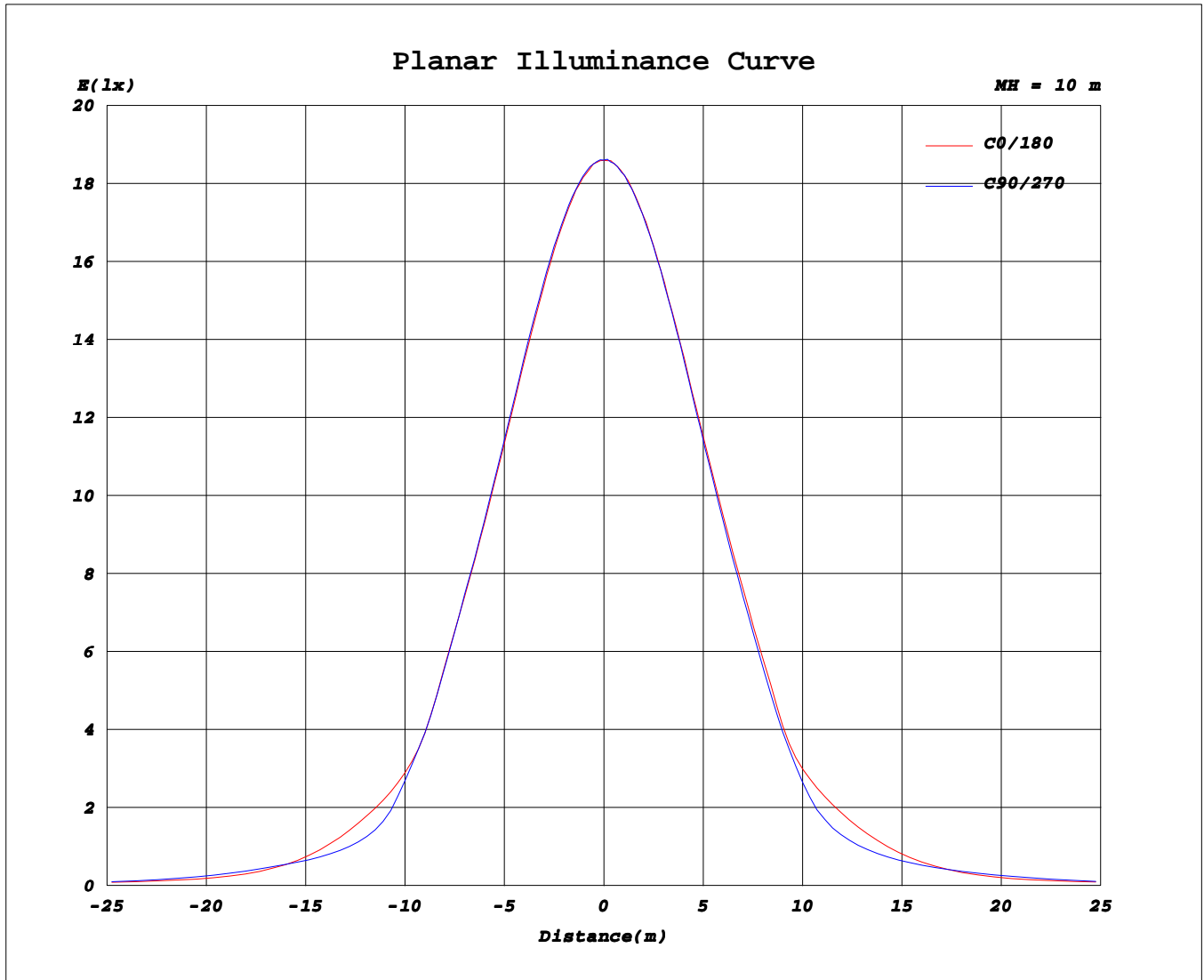
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

Planar Illuminance Curve

**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:**

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.06V I:0.1596A P:35.821W PF:0.9757 Freq:50.00Hz Lamp Flux:3951.32x1 lm		
NAME: LED347 (38W 4000K) Uplight on	TYPE: 调光双色中性白白色	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	1862	1862	1862	1862	1862	1862	1862	1862	1862	1862	1862	1862							
5	1849	1852	1853	1853	1850	1850	1856	1854	1853	1852	1853	1856							
10	1821	1825	1827	1828	1820	1819	1830	1829	1827	1826	1830	1832							
15	1774	1780	1783	1785	1775	1773	1789	1786	1785	1783	1789	1793							
20	1709	1717	1721	1723	1708	1705	1729	1724	1720	1719	1727	1735							
25	1621	1630	1635	1634	1618	1614	1645	1636	1632	1630	1643	1653							
30	1503	1512	1521	1516	1502	1491	1534	1517	1517	1511	1532	1545							
35	1349	1358	1367	1358	1343	1321	1386	1357	1361	1347	1386	1396							
40	1089	1081	1133	1087	1087	1022	1150	1086	1108	1096	1161	1159							
45	821	739	820	763	831	709	848	765	800	750	861	871							
50	678	493	670	477	684	488	711	509	642	496	703	565							
55	490	401	486	394	485	420	534	412	477	393	541	431							
60	297	344	298	346	286	348	336	343	312	335	356	371							
65	194	252	202	258	191	243	209	262	216	272	226	292							
70	170	159	184	170	182	158	186	173	181	182	174	195							
75	152	127	163	138	161	140	173	143	157	136	164	133							
80	92.4	94.3	95.0	100.0	92.2	93.0	105	103	100	101	105	111							
85	44.7	47.0	53.3	46.3	44.8	40.1	61.8	49.7	54.4	50.5	58.4	60.6							
90	1.28	1.23	1.33	1.26	1.26	1.35	3.40	1.43	1.32	1.35	3.01	5.85							
95	4.05	3.58	3.58	3.63	4.00	4.41	3.16	3.31	3.53	3.56	2.76	2.82							
100	8.50	8.43	8.38	8.33	9.28	9.48	7.49	7.76	7.89	8.05	6.84	7.11							
105	14.7	15.2	14.5	14.6	15.8	15.7	13.6	14.6	14.0	14.0	13.4	12.4							
110	21.5	22.0	21.4	21.4	22.6	22.4	20.5	21.5	20.6	20.5	19.9	19.3							
115	28.0	28.4	27.9	27.9	29.1	28.7	26.9	27.7	26.9	26.7	26.2	25.9							
120	33.5	33.6	33.0	33.8	34.7	34.2	31.9	32.5	31.9	31.2	30.9	30.8							
125	38.7	38.9	38.3	39.2	39.8	39.7	37.2	37.6	36.7	36.1	35.6	35.7							
130	43.5	43.7	43.6	44.1	44.6	44.5	42.0	42.2	41.2	40.5	40.0	40.1							
135	47.8	48.2	48.2	48.6	48.9	48.7	46.5	46.5	45.4	44.6	44.0	44.2							
140	51.7	52.3	52.2	52.6	52.6	52.2	50.5	50.3	49.2	48.3	47.5	47.7							
145	55.3	55.8	55.7	55.9	55.8	55.1	54.0	53.6	52.7	51.6	50.5	50.7							
150	58.3	58.5	58.6	58.7	58.3	57.7	56.9	56.3	55.5	54.4	53.2	53.3							
155	60.9	61.0	61.2	61.2	60.7	60.1	59.5	58.8	57.9	57.0	55.5	55.5							
160	68.8	68.7	68.7	68.6	68.2	67.7	66.1	66.0	65.2	64.3	62.5	62.4							
165	75.1	75.1	75.3	75.1	74.0	74.3	73.7	73.8	73.1	72.3	70.6	70.8							
170	79.1	79.1	79.1	78.3	77.5	77.8	78.2	77.9	77.6	76.9	75.4	75.3							
175	81.7	81.9	81.8	81.1	80.0	79.9	81.2	81.1	80.7	80.1	78.5	78.6							
180	83.1	83.0	82.5	82.0	81.2	80.8	83.1	83.0	82.5	82.0	81.1	80.8							

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