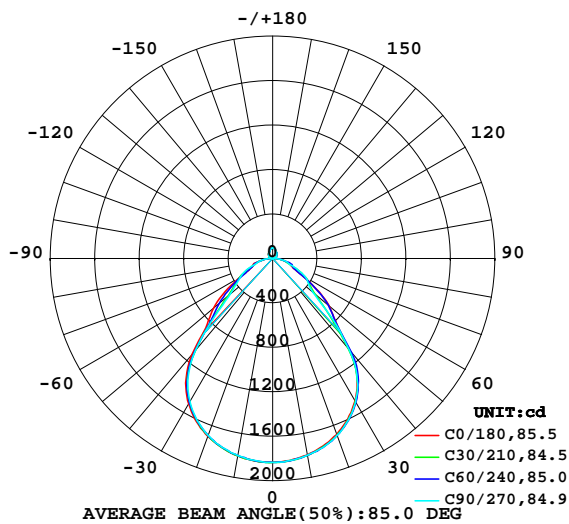


LUMINAIRE PHOTOMETRIC TEST REPORT

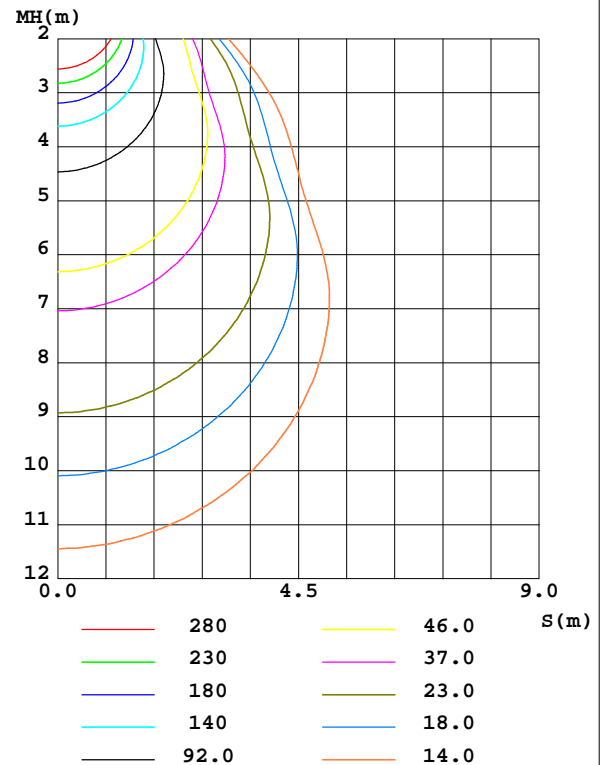
Test:U:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 110.27 lm/W
MODEL		Imax(cd)	1837	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)	3948.8	η UP,DN(C0-180)	3.1,46.2	
NOMINAL FLUX(lm)	3948.85	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.9,47.7	
LAMPS INSIDE	1	η up(%)	6.1	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	229.5	η down(%)	93.9	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	1795	1799	1799	1795	1805	1803	1800	1804	0- 10	173.5	173.5	4.39,4.39
20	1685	1694	1696	1684	1704	1698	1695	1705	10- 20	495.6	669.1	16.9,16.9
30	1483	1493	1492	1476	1512	1498	1490	1515	20- 30	739.8	1409	35.7,35.7
40	1076	1083	1071	1041	1135	1086	1082	1141	30- 40	827.2	2236	56.6,56.6
50	661.2	576.1	476.3	580.6	693.2	573.5	502.0	628.0	40- 50	615.8	2852	72.2,72.2
60	304.7	325.8	343.9	323.8	344.5	335.9	337.2	364.6	50- 60	406.9	3259	82.5,82.5
70	173.7	177.9	177.2	176.2	190.4	185.1	188.4	190.5	60- 70	244.8	3504	88.7,88.7
80	90.61	91.04	95.45	89.61	100.5	98.88	98.23	103.9	70- 80	151.6	3655	92.6,92.6
90	1.413	1.409	1.380	1.437	3.446	1.545	1.466	4.177	80- 90	53.01	3708	93.9,93.9
100	9.956	9.864	9.667	10.95	8.692	8.993	9.325	8.144	90-100	4.900	3713	94,94
110	25.12	25.48	24.95	26.45	23.88	24.62	23.95	23.00	100-110	17.82	3731	94.5,94.5
120	39.08	39.13	39.36	40.38	37.49	37.70	36.45	36.12	110-120	31.63	3763	95.3,95.3
130	50.50	51.07	51.47	52.23	49.10	48.78	47.32	46.82	120-130	39.47	3802	96.3,96.3
140	60.11	61.14	61.36	61.41	58.98	58.20	56.38	55.60	130-140	42.19	3844	97.4,97.4
150	67.35	68.39	68.43	67.95	66.49	65.33	63.50	62.25	140-150	39.39	3884	98.3,98.3
160	80.30	80.22	79.96	79.52	77.54	76.54	75.01	73.06	150-160	32.24	3916	99.2,99.2
170	92.38	92.53	91.60	90.88	91.69	90.91	89.78	88.14	160-170	24.06	3940	99.8,99.8
180	97.19	96.73	96.01	94.64	97.23	96.70	96.06	94.65	170-180	8.887	3949	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 2578.6 lm

%lum = 65.3%

%lamp = 65.3%

Conical surface Flux(130deg): 3397.5 lm

%lum = 86.0%

%lamp = 86.0%

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

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

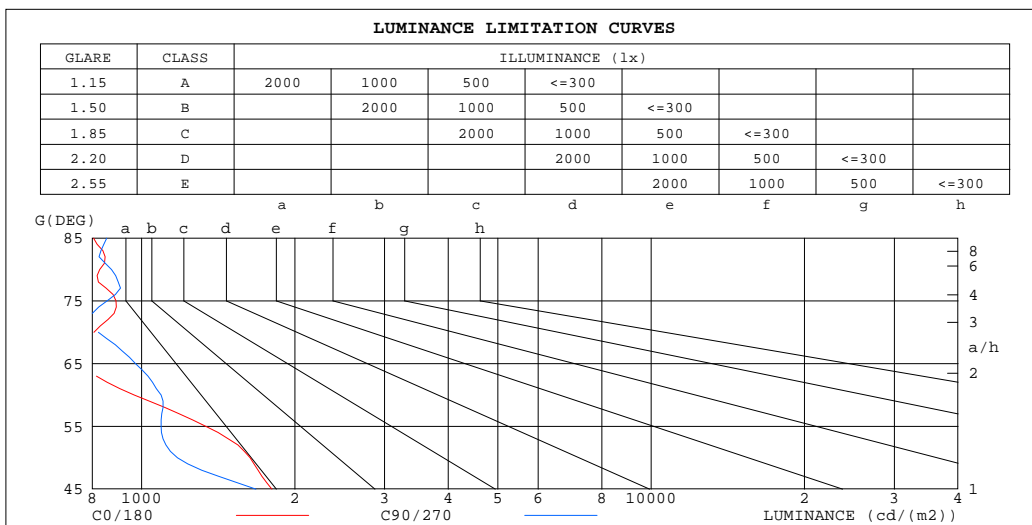
Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



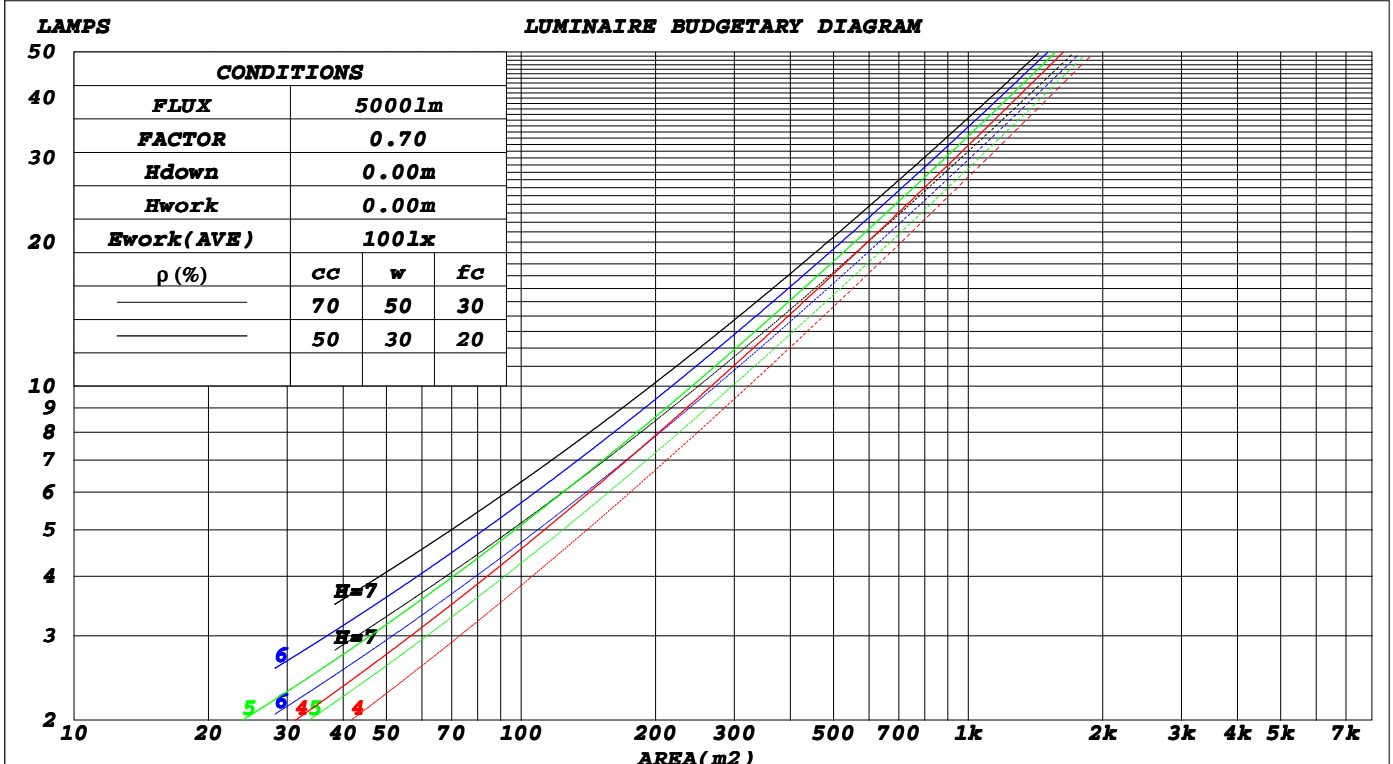
LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	805	855
80	828	873
75	892	856
70	806	823
65	773	973
60	967	1092
55	1338	1092
50	1633	1177
45	1801	1676

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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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	1.02	1.02	1.02	.96	.96	.96	.94
1.0	1.05	1.01	.98	1.02	.99	.96	.97	.94	.92	.92	.90	.88	.87	.86	.84	.82
2.0	.93	.88	.83	.91	.86	.81	.87	.82	.78	.83	.79	.76	.79	.76	.73	.71
3.0	.84	.77	.71	.82	.75	.70	.78	.72	.68	.74	.70	.66	.71	.67	.64	.62
4.0	.75	.68	.62	.74	.67	.61	.71	.64	.60	.68	.62	.58	.65	.60	.57	.55
5.0	.68	.60	.54	.67	.59	.54	.64	.58	.53	.62	.56	.52	.59	.54	.51	.49
6.0	.62	.54	.48	.61	.53	.48	.59	.52	.47	.56	.51	.46	.54	.49	.45	.43
7.0	.57	.49	.43	.56	.48	.43	.54	.47	.42	.52	.46	.42	.50	.45	.41	.39
8.0	.52	.45	.39	.51	.44	.39	.50	.43	.38	.48	.42	.38	.46	.41	.37	.35
9.0	.48	.41	.36	.48	.40	.35	.46	.39	.35	.45	.39	.34	.43	.38	.34	.32
10.0	.45	.38	.33	.44	.37	.32	.43	.36	.32	.41	.36	.32	.40	.35	.31	.30



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:

WEC AND CCEC

Test:U:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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	.264	.150	.048	.255	.146	.046	.239	.137	.044	.224	.129	.041	.210	.122	.039															
2.0	.249	.137	.042	.242	.133	.041	.227	.126	.039	.214	.120	.038	.201	.114	.036															
3.0	.233	.124	.037	.226	.121	.036	.213	.116	.035	.201	.110	.034	.190	.105	.033															
4.0	.218	.113	.033	.211	.111	.033	.200	.106	.032	.189	.102	.031	.179	.097	.030															
5.0	.203	.104	.030	.198	.102	.030	.188	.098	.029	.178	.094	.028	.169	.090	.027															
6.0	.190	.095	.027	.186	.094	.027	.176	.090	.026	.168	.087	.026	.159	.084	.025															
7.0	.179	.088	.025	.174	.087	.025	.166	.084	.024	.158	.081	.024	.151	.078	.023															
8.0	.168	.082	.023	.164	.081	.023	.157	.078	.022	.150	.076	.022	.143	.073	.021															
9.0	.159	.077	.021	.155	.076	.021	.148	.073	.021	.142	.071	.020	.136	.069	.020															
10.0	.150	.072	.020	.147	.071	.020	.141	.069	.019	.135	.067	.019	.129	.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	.237	.237	.237	.202	.202	.202	.138	.138	.138	.079	.079	.079	.025	.025	.025	
1.0	.224	.203	.185	.192	.175	.159	.131	.120	.110	.075	.069	.064	.024	.022	.021	
2.0	.214	.179	.150	.183	.154	.130	.125	.107	.091	.072	.062	.053	.023	.020	.017	
3.0	.205	.161	.127	.176	.139	.110	.121	.097	.077	.070	.056	.045	.022	.018	.015	
4.0	.197	.148	.111	.169	.128	.096	.116	.089	.068	.067	.052	.040	.022	.017	.013	
5.0	.189	.137	.099	.162	.119	.086	.112	.083	.061	.065	.049	.036	.021	.016	.012	
6.0	.182	.129	.090	.157	.112	.079	.108	.078	.056	.063	.046	.033	.020	.015	.011	
7.0	.176	.122	.084	.151	.106	.073	.105	.074	.052	.061	.044	.031	.020	.014	.010	
8.0	.170	.116	.079	.146	.101	.069	.101	.071	.049	.059	.042	.029	.019	.014	.010	
9.0	.164	.111	.075	.142	.096	.066	.098	.068	.047	.057	.040	.028	.019	.013	.009	
10.0	.159	.107	.072	.137	.093	.063	.095	.065	.045	.056	.039	.027	.018	.013	.009	

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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm											
NAME: LED347 (38W 4000K) Uplight brighter					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	8.8	7.9	9.1	9.4	7.6	8.8	7.9	9.1	9.4
3H		8.2	9.4	8.6	9.7	10.1	8.4	9.5	8.7	9.9	10.2
4H		8.7	9.8	9.1	10.1	10.5	8.8	9.9	9.2	10.3	10.6
6H		9.1	10.1	9.5	10.5	10.9	9.2	10.3	9.6	10.6	11.0
8H		9.2	10.2	9.6	10.6	11.0	9.4	10.4	9.8	10.8	11.2
12H		9.3	10.3	9.8	10.7	11.1	9.5	10.4	9.9	10.8	11.3
4H 2H		7.8	8.9	8.2	9.3	9.6	7.8	8.9	8.2	9.2	9.6
3H		8.7	9.7	9.1	10.0	10.5	8.9	9.8	9.3	10.2	10.6
4H		9.3	10.2	9.7	10.6	11.0	9.5	10.4	10.0	10.8	11.2
6H		9.8	10.6	10.3	11.0	11.5	10.1	10.8	10.6	11.3	11.8
8H		10.1	10.8	10.6	11.2	11.7	10.3	11.0	10.8	11.5	12.0
12H		10.2	10.9	10.7	11.4	11.9	10.5	11.1	11.0	11.6	12.1
8H 4H		9.5	10.2	10.0	10.7	11.2	9.7	10.4	10.2	10.9	11.4
6H		10.2	10.8	10.7	11.3	11.8	10.4	11.0	11.0	11.5	12.1
8H		10.5	11.0	11.1	11.6	12.1	10.8	11.3	11.3	11.8	12.4
12H		10.8	11.2	11.4	11.8	12.4	11.1	11.5	11.6	12.0	12.6
12H 4H		9.5	10.2	10.0	10.6	11.2	9.7	10.3	10.2	10.8	11.4
6H		10.3	10.8	10.8	11.3	11.9	10.5	11.0	11.0	11.5	12.1
8H		10.6	11.1	11.2	11.6	12.2	10.9	11.3	11.4	11.9	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		+ 0.7 / - 0.7					+ 0.6 / - 0.7				

CIE Pub.117, 3949 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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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	54	48	62	53	48	42
0.80	74	64	58	73	64	58	71	63	57	51
1.00	82	72	66	80	71	66	78	72	65	58
1.25	88	79	73	86	78	72	83	76	71	64
1.50	92	84	78	90	83	77	87	80	76	68
2.00	98	91	85	96	89	84	92	86	82	74
2.50	101	94	89	99	93	88	94	89	85	76
3.00	104	98	93	101	96	92	96	92	89	79
4.00	107	102	98	104	100	96	99	96	93	83
5.00	109	105	101	106	102	99	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 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 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

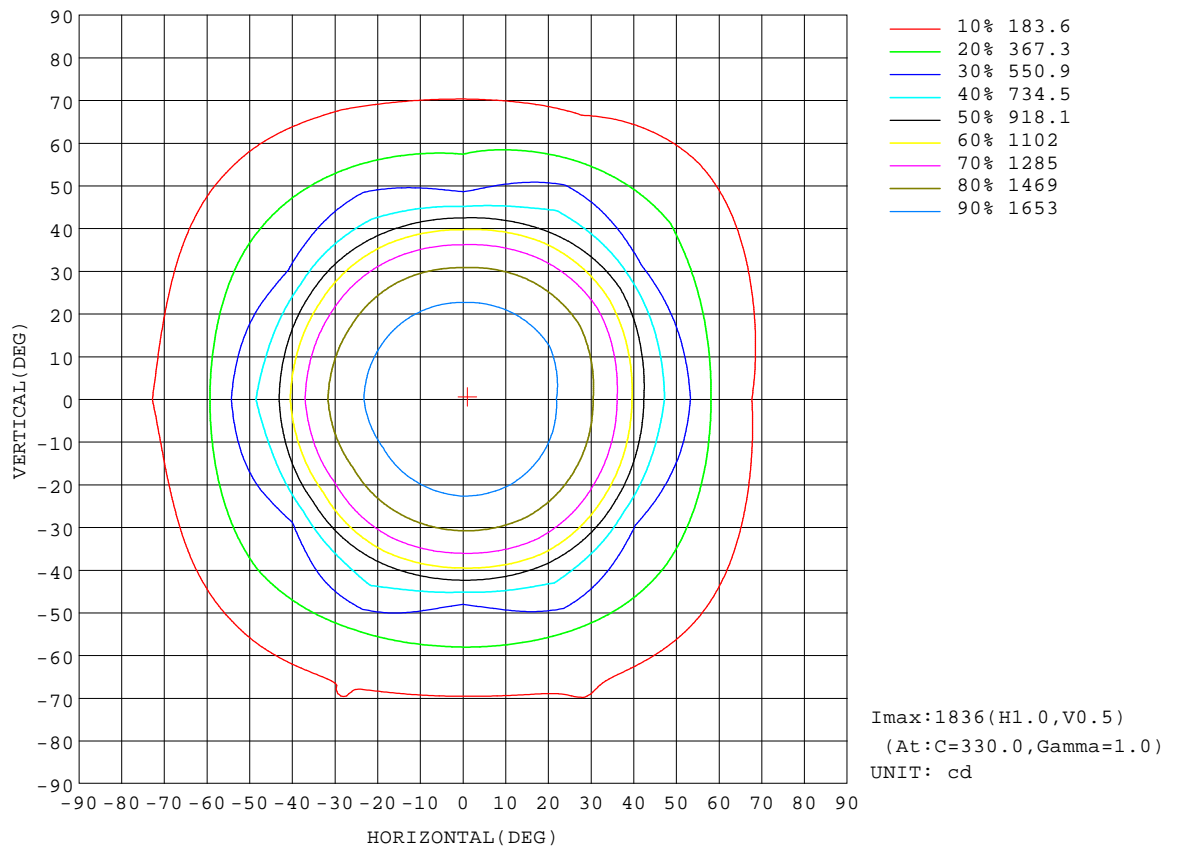
Humidity:65.0%

Test Distance:6.100m [K=1.0000]

Remarks:

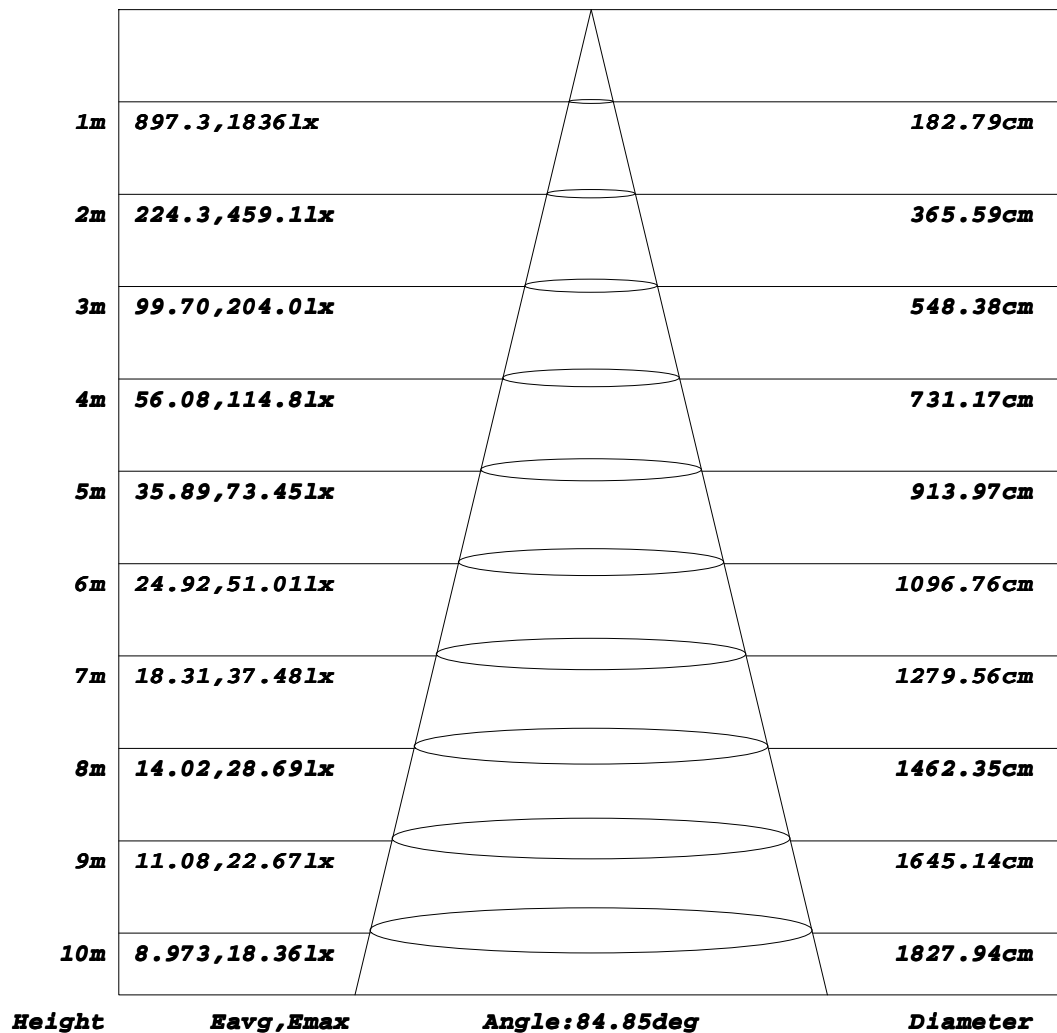
ISOCANDELA DIAGRAM

Test:U:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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:**

AAI Figure

Test:U:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	TYPE: 调光双色中性白白色	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

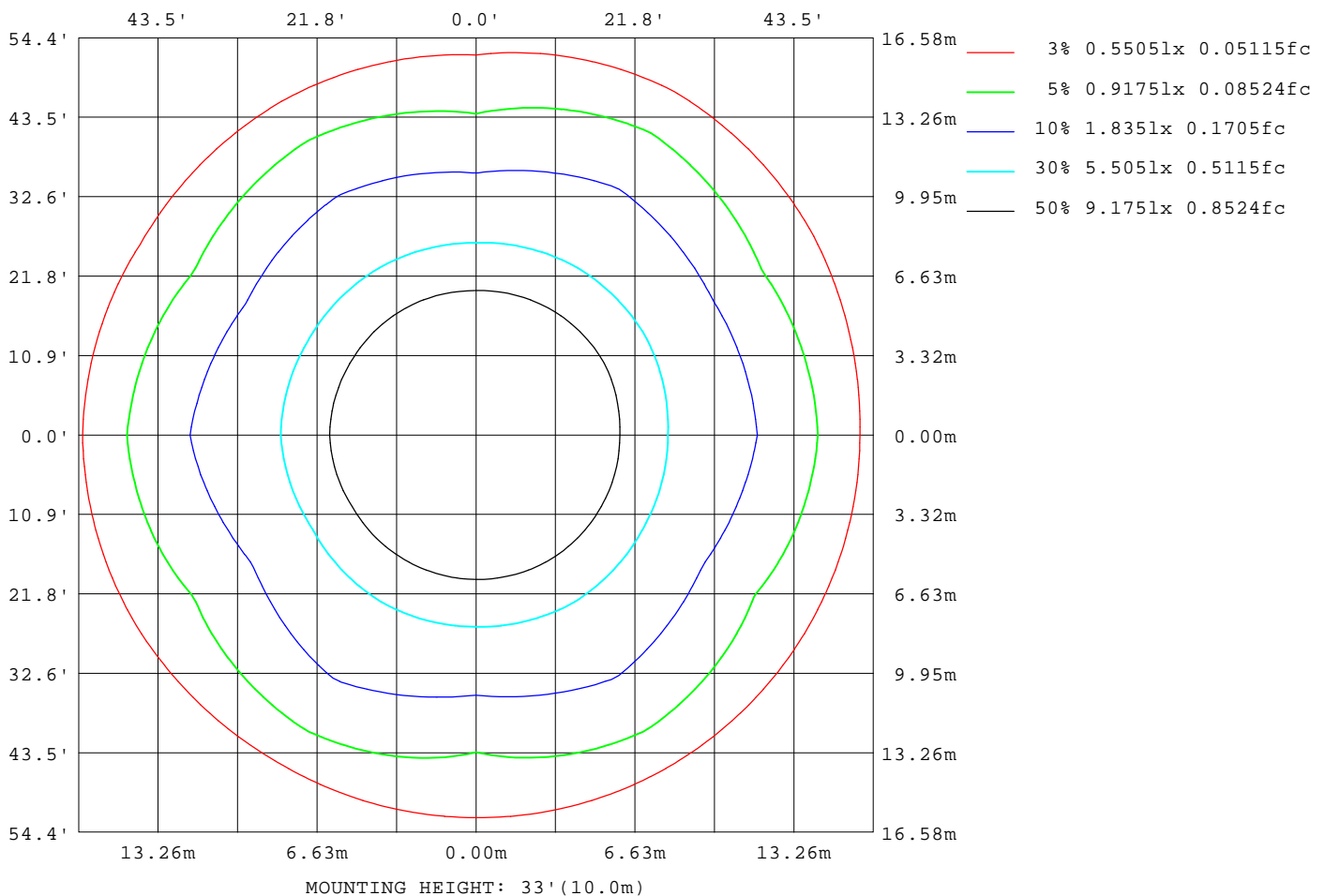
Flux out:2451 lm


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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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	805
L_0~180(75)av	957
L_0~180(85)av	955
L_90~270(65)av	1001
L_90~270(75)av	858
L_90~270(85)av	886
L_45(65)av	913
L_45(75)av	899
L_45(85)av	917

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

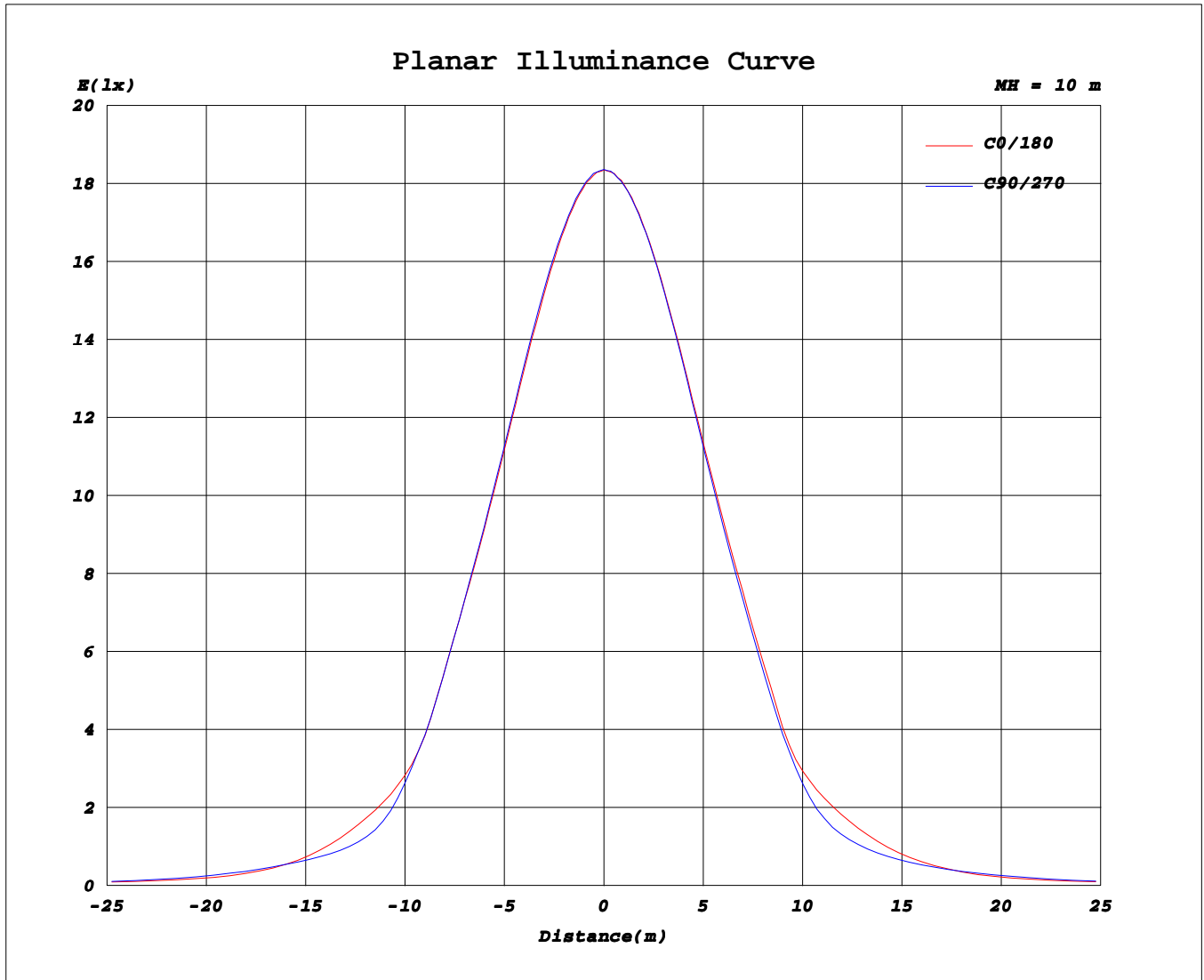
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459

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:230.03V I:0.1596A P:35.811W PF:0.9755 Freq:50.00Hz Lamp Flux:3948.85x1 lm		
NAME: LED347 (38W 4000K) Uplight brighter	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	1835	1835	1835	1835	1835	1835	1835	1835	1835	1835	1835	1835							
5	1824	1825	1826	1825	1825	1823	1829	1827	1827	1826	1828	1829							
10	1795	1799	1799	1799	1796	1794	1805	1803	1802	1800	1804	1805							
15	1748	1754	1758	1758	1751	1748	1763	1762	1760	1759	1762	1766							
20	1685	1691	1696	1696	1686	1682	1704	1699	1698	1695	1702	1709							
25	1597	1605	1610	1609	1598	1591	1621	1613	1612	1608	1620	1628							
30	1483	1489	1497	1492	1481	1470	1512	1496	1499	1490	1510	1521							
35	1329	1329	1346	1330	1327	1298	1368	1340	1340	1331	1366	1376							
40	1076	1059	1108	1071	1069	1012	1135	1079	1093	1082	1140	1142							
45	802	725	801	746	814	706	832	758	783	741	840	856							
50	661	498	654	476	669	492	693	521	626	502	684	572							
55	484	405	477	394	477	423	525	420	469	400	523	434							
60	305	345	307	344	297	351	344	349	323	337	360	369							
65	206	256	212	259	202	249	223	267	229	274	235	292							
70	174	168	188	177	185	168	190	184	186	188	180	201							
75	145	129	155	139	155	138	167	146	153	140	160	136							
80	90.6	89.3	92.8	95.5	90.4	88.8	101	101	96.8	98.2	102	106							
85	44.2	46.0	52.1	46.9	44.1	40.5	60.7	50.3	53.8	50.4	56.6	59.5							
90	1.41	1.37	1.45	1.38	1.39	1.48	3.45	1.66	1.44	1.47	2.97	5.38							
95	4.68	4.18	4.14	4.18	4.61	5.05	3.65	3.75	3.99	3.99	3.15	3.19							
100	9.96	9.88	9.85	9.67	10.9	11.0	8.69	8.91	9.07	9.32	8.11	8.18							
105	17.2	17.9	17.1	16.9	18.6	18.4	15.8	16.9	16.3	16.3	15.8	14.6							
110	25.1	25.9	25.0	24.9	26.6	26.3	23.9	25.1	24.1	23.9	23.5	22.5							
115	32.7	33.4	32.7	32.6	34.2	33.8	31.6	32.4	31.5	31.2	31.0	30.2							
120	39.1	39.5	38.8	39.4	40.7	40.1	37.5	38.0	37.4	36.4	36.3	35.9							
125	45.0	45.7	44.9	45.7	46.7	46.5	43.5	44.0	43.0	42.1	41.8	41.6							
130	50.5	51.3	50.8	51.5	52.4	52.1	49.1	49.4	48.2	47.3	46.9	46.7							
135	55.6	56.5	56.4	56.7	57.3	57.0	54.3	54.4	53.1	52.1	51.6	51.5							
140	60.1	61.2	61.0	61.4	61.7	61.2	59.0	58.8	57.6	56.4	55.6	55.6							
145	64.0	65.3	65.0	65.2	65.3	64.6	63.1	62.7	61.6	60.1	59.3	59.1							
150	67.3	68.4	68.4	68.4	68.4	67.6	66.5	65.9	64.8	63.5	62.4	62.1							
155	70.8	71.3	71.4	71.3	71.1	70.2	69.6	68.9	67.5	66.4	65.1	64.8							
160	80.3	80.2	80.3	80.0	79.9	79.1	77.5	77.1	75.9	75.0	73.3	72.9							
165	87.7	88.0	87.8	87.7	86.7	86.9	86.4	86.2	85.3	84.4	82.7	82.6							
170	92.4	92.5	92.5	91.6	90.8	91.0	91.7	91.1	90.8	89.8	88.4	87.9							
175	95.4	95.8	95.5	94.8	93.8	93.6	94.9	94.8	94.2	93.6	92.2	91.7							
180	97.2	97.0	96.4	96.0	95.1	94.2	97.2	97.0	96.4	96.1	95.1	94.2							

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