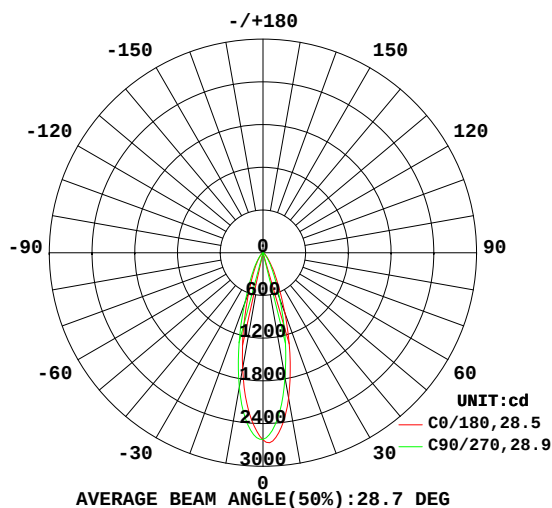


LUMINAIRE PHOTOMETRIC TEST REPORT

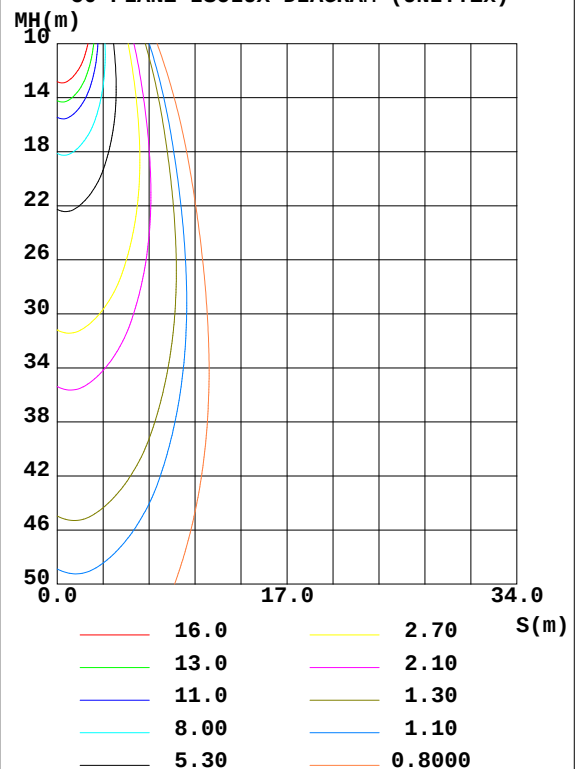
Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.78 lm/W			
MODEL	TB15111204 5000K	I _{max} (cd)	2670	S/MH(C0/180)	0.43
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	922.43	η UP, DN(C0-180)	0.8, 49.4
NOMINAL FLUX(lm)	922.432	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 49.0
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

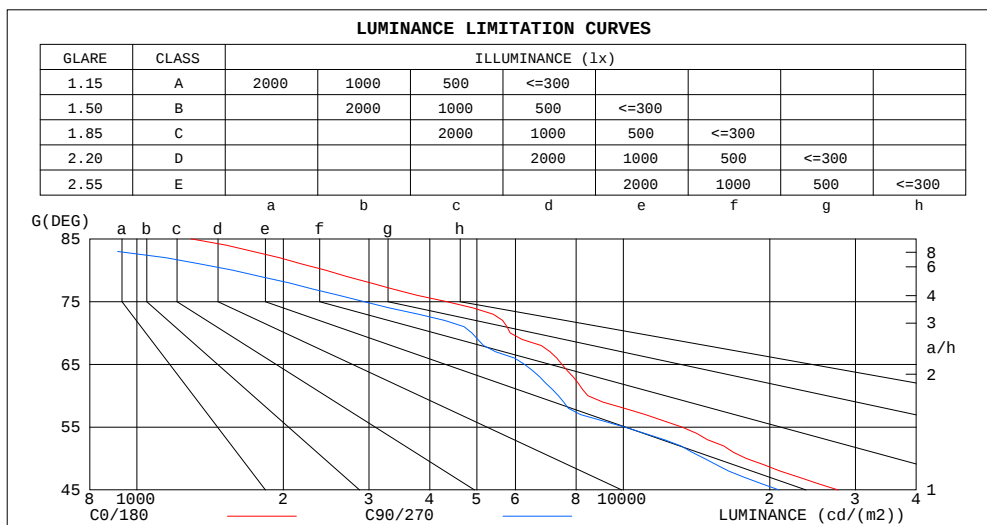
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2073	1959	1784	1665	1650	1760	1918	2030	0- 10	210.7	210.7	22.8, 22.8
20	901.5	811.9	694.4	586.6	576.6	639.6	748.8	848.8	10- 20	339.1	549.8	59.6, 59.6
30	306.0	278.5	233.3	191.4	197.9	212.2	248.2	275.1	20- 30	195.3	745.1	80.8, 80.8
40	106.3	93.86	81.61	71.37	71.38	74.26	85.15	94.55	30- 40	91.80	836.9	90.7, 90.7
50	38.17	36.92	31.32	25.95	25.78	27.51	30.33	33.20	40- 50	40.15	877.0	95.1, 95.1
60	14.03	13.44	12.20	11.29	10.98	11.76	12.86	13.92	50- 60	18.25	895.3	97.1, 97.1
70	6.645	6.197	5.544	4.962	4.853	5.254	5.792	5.450	60- 70	8.926	904.2	98.98
80	1.409	1.220	0.9074	0.7005	0.6457	0.7879	1.072	1.338	70- 80	3.169	907.4	98.4, 98.4
90	0	0	0	0	0.0001	0	0	0	80- 90	0.3051	907.7	98.4, 98.4
100	0	0	0	0	0.0966	0.0783	0.0598	0.0459	90-100	0.0113	907.7	98.4, 98.4
110	0.1007	0.1280	0.1287	0.1559	0.3080	0.2576	0.2161	0.1748	100-110	0.1001	907.8	98.4, 98.4
120	0.3441	0.3717	0.4359	0.5186	0.7540	0.6667	0.5564	0.4782	110-120	0.3178	908.1	98.4, 98.4
130	1.028	1.092	1.294	1.436	1.803	1.633	1.426	1.228	120-130	0.7795	908.9	98.5, 98.5
140	2.625	2.772	3.148	3.474	4.083	3.821	3.366	2.980	130-140	1.687	910.6	98.7, 98.7
150	5.665	5.904	6.565	7.084	7.930	7.498	6.799	6.220	140-150	3.010	913.6	99.99
160	10.15	10.07	11.01	11.35	12.19	11.72	11.28	10.62	150-160	4.051	917.7	99.5, 99.5
170	12.82	12.66	13.18	13.56	13.97	13.75	13.30	13.02	160-170	3.484	921.1	99.9, 99.9
180	14.19	14.49	14.02	14.51	14.22	14.52	13.99	14.48	170-180	1.297	922.4	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1293	433
80	2444	1574
75	4325	2926
70	5852	4883
65	7474	6262
60	8452	7351
55	13198	10064
50	17887	14674
45	27632	20890

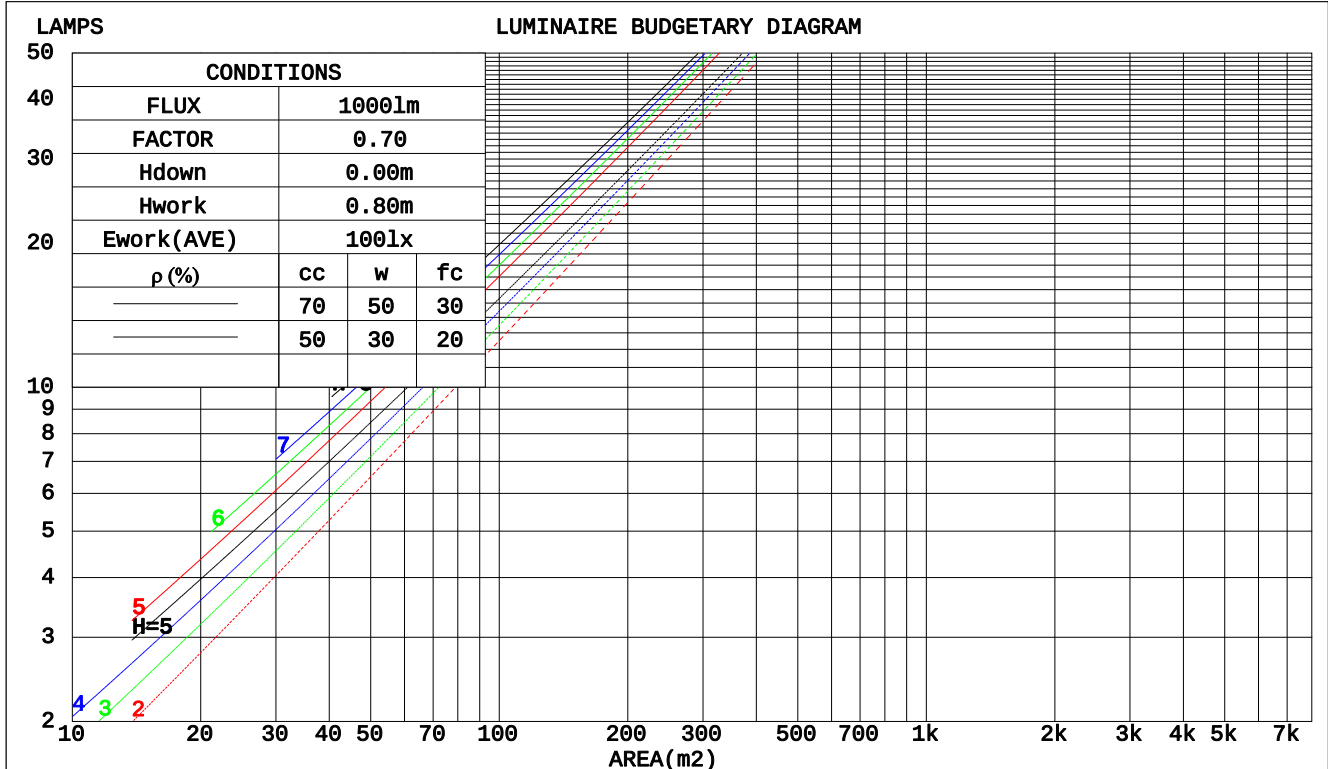
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.01	.98	1.03	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.94	.90	.97	.93	.90	.94	.91	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.87	.84	.82	.86	.83	.81	.79
5.0	.88	.83	.80	.87	.83	.79	.85	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.79	.75	.83	.78	.75	.82	.77	.74	.80	.77	.74	.79	.76	.73	.72
7.0	.80	.75	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.69
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.64	.63
10.0	.71	.66	.63	.70	.66	.63	.70	.65	.62	.69	.65	.62	.68	.64	.62	.61



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm					
NAME: DL1542-WHTC10C02			TYPE:		WEIGHT:
SPEC.: white RA90 3000K+5000K			DIM.:		SERIAL No.:
MFR.:			SUR.: 65mm		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	.164	.093	.029	.156	.089	.028	.143	.082	.026	.131	.075	.024	.119	.069	.022	
2.0	.155	.085	.026	.149	.082	.025	.137	.076	.024	.127	.071	.022	.117	.066	.021	
3.0	.146	.078	.023	.141	.075	.023	.131	.071	.022	.122	.067	.021	.114	.063	.019	
4.0	.137	.071	.021	.133	.070	.021	.125	.066	.020	.117	.063	.019	.110	.060	.018	
5.0	.130	.066	.019	.126	.065	.019	.119	.062	.018	.112	.059	.018	.106	.057	.017	
6.0	.123	.062	.018	.120	.061	.017	.114	.058	.017	.108	.056	.016	.102	.054	.016	
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.015	.095	.049	.014	
9.0	.107	.052	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.092	.047	.013	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.182	.170	.158	.156	.146	.136	.107	.100	.094	.061	.058	.055	.020	.019	.018	
2.0	.166	.145	.127	.142	.125	.110	.098	.086	.077	.056	.050	.045	.018	.016	.015	
3.0	.153	.126	.104	.131	.109	.090	.090	.075	.063	.052	.044	.037	.017	.014	.012	
4.0	.142	.111	.087	.122	.096	.076	.084	.067	.053	.048	.039	.032	.016	.013	.010	
5.0	.132	.099	.075	.114	.086	.065	.078	.060	.046	.045	.035	.027	.015	.011	.009	
6.0	.124	.090	.065	.107	.078	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008	
7.0	.117	.082	.057	.101	.071	.050	.070	.050	.035	.040	.029	.021	.013	.010	.007	
8.0	.111	.075	.051	.096	.065	.044	.066	.046	.031	.038	.027	.019	.012	.009	.006	
9.0	.106	.070	.046	.091	.061	.040	.063	.043	.028	.037	.025	.017	.012	.008	.006	
10.0	.101	.065	.042	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm										
NAME: DL1542-WHTC10C02					TYPE:			WEIGHT:		
SPEC.: white RA90 3000K+5000K					DIM.:			SERIAL No.:		
MFR.:					SUR.: 65mm			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	18.4	19.2	18.7	19.4	19.6	17.4	18.2	17.6	18.3	18.5
3H	18.6	19.3	18.8	19.5	19.7	17.5	18.2	17.7	18.4	18.7
4H	18.6	19.3	18.9	19.5	19.8	17.5	18.2	17.7	18.4	18.7
6H	18.5	19.2	18.8	19.5	19.7	17.4	18.1	17.7	18.3	18.6
8H	18.5	19.1	18.8	19.4	19.7	17.3	18.0	17.7	18.3	18.6
12H	18.4	19.1	18.8	19.3	19.6	17.3	17.9	17.6	18.2	18.5
4H 2H	18.4	19.1	18.7	19.3	19.6	17.3	18.1	17.6	18.3	18.5
3H	18.6	19.2	18.9	19.5	19.8	17.5	18.2	17.9	18.5	18.8
4H	18.6	19.2	19.0	19.5	19.8	17.5	18.1	17.9	18.4	18.8
6H	18.5	19.0	18.9	19.4	19.8	17.5	18.0	17.9	18.3	18.7
8H	18.5	19.0	18.9	19.3	19.7	17.4	17.9	17.9	18.3	18.7
12H	18.5	18.9	18.9	19.3	19.7	17.4	17.8	17.8	18.2	18.6
8H 4H	18.5	19.0	18.9	19.3	19.7	17.5	17.9	17.9	18.3	18.7
6H	18.5	18.8	18.9	19.3	19.7	17.4	17.8	17.9	18.2	18.7
8H	18.4	18.8	18.9	19.2	19.7	17.4	17.7	17.8	18.1	18.6
12H	18.4	18.7	18.9	19.1	19.6	17.3	17.6	17.8	18.1	18.6
12H 4H	18.4	18.9	18.9	19.3	19.7	17.4	17.8	17.9	18.2	18.7
6H	18.4	18.7	18.9	19.2	19.7	17.4	17.7	17.8	18.1	18.6
8H	18.4	18.6	18.9	19.1	19.6	17.3	17.6	17.8	18.1	18.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.9 / - 2.9					+ 1.7 / - 3.1				
1.5H	+ 3.0 / - 2.2					+ 2.2 / - 1.8				
2.0H	+ 3.3 / - 2.6					+ 2.8 / - 2.4				

CIE Pub.117, 922.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
Area: 0.00332 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

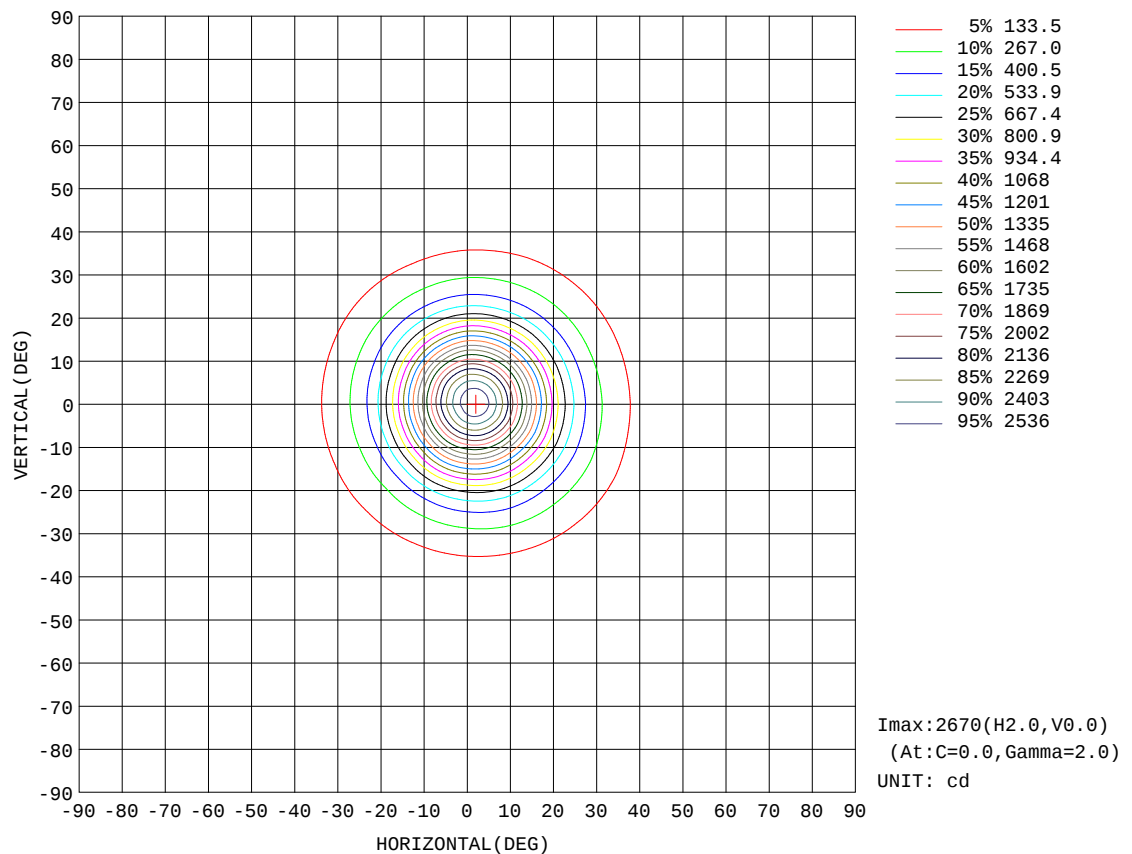
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	79	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	108	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	106	105	97
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:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

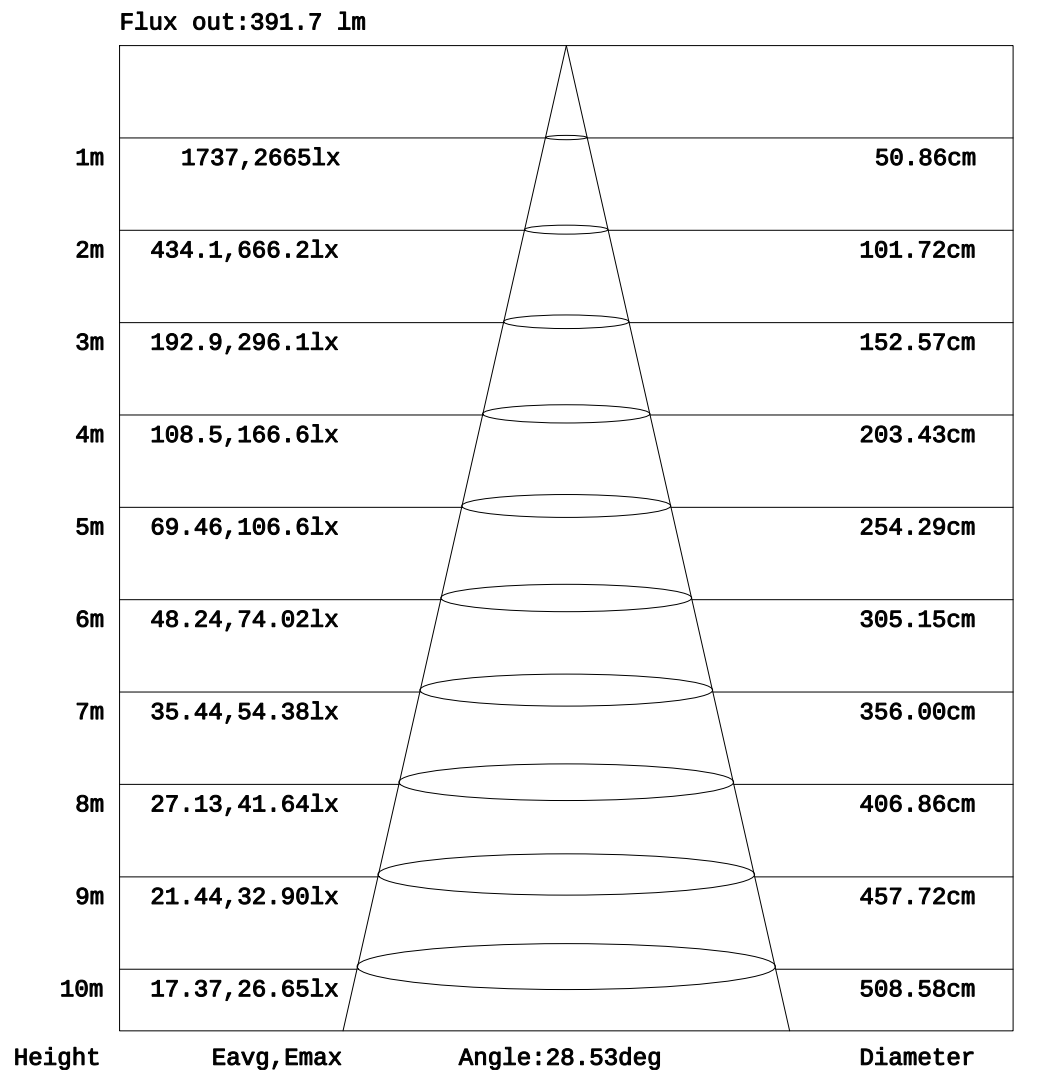


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

AAI Figure

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



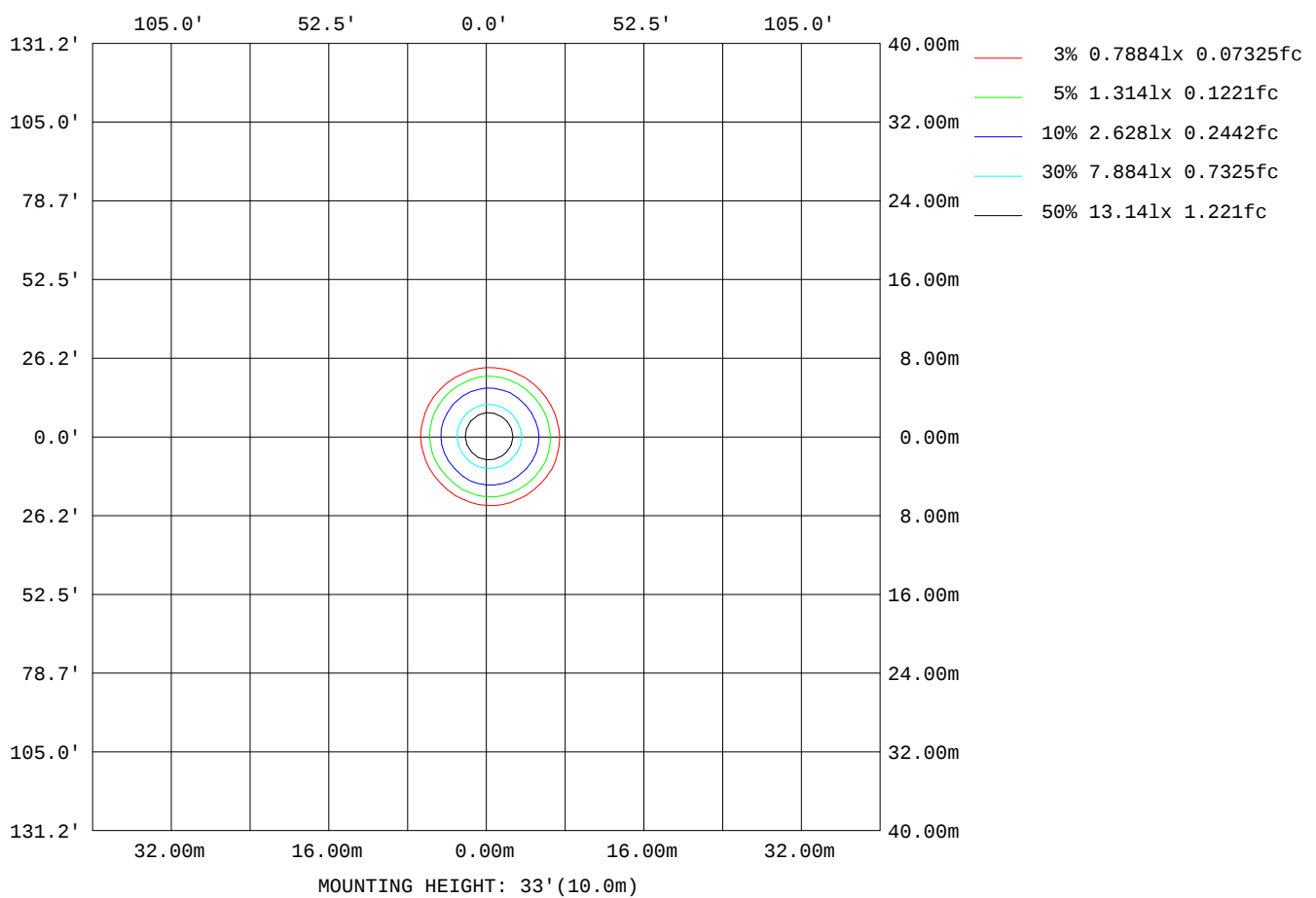
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

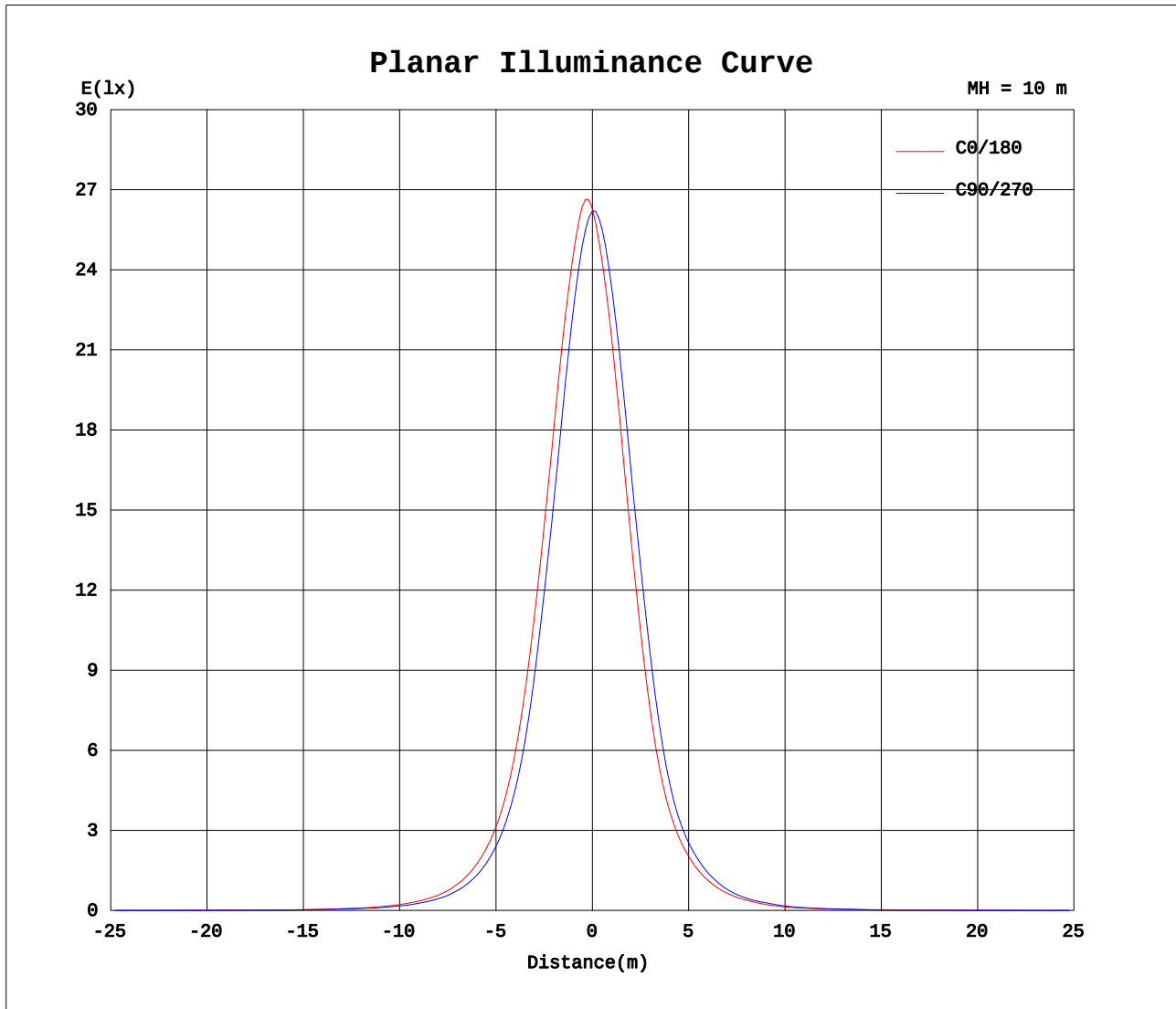
AvgL	cd/m2
L_0~180(65)av	6421
L_0~180(75)av	3334
L_0~180(85)av	646
L_90~270(65)av	6545
L_90~270(75)av	3149
L_90~270(85)av	468
L_45(65)av	6493
L_45(75)av	3230
L_45(85)av	540

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.79V I:0.0493A P:10.881W PF:0.9519 Freq:49.99Hz Lamp Flux:922.432x1 lm																	
NAME: DL1542-WHTC10C02									TYPE:						WEIGHT:		
SPEC.: white RA90 3000K+5000K									DIM.:						SERIAL No.:		
MFR.:									SUR.: 65mm						Shielding Angle:		

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	2628	2623	2623	2620	2621	2619	2620	2621	2628	2623	2623	2620	2621	2619	2620	2621			
5	2540	2511	2456	2401	2342	2292	2252	2237	2251	2270	2320	2368	2427	2467	2511	2534			
10	2073	2041	1959	1873	1784	1725	1665	1639	1650	1682	1760	1832	1918	1970	2030	2065			
15	1460	1429	1342	1271	1192	1130	1058	1027	1039	1070	1142	1211	1301	1351	1407	1450			
20	902	881	812	761	694	641	587	567	577	593	640	689	749	795	849	882			
25	518	508	468	441	398	359	327	322	332	342	362	386	417	441	469	496			
30	306	303	278	260	233	210	191	190	198	202	212	226	248	262	275	287			
35	180	179	162	149	137	123	114	114	117	118	123	129	144	153	160	168			
40	106	105	93.9	87.6	81.6	75.9	71.4	70.4	71.4	71.9	74.3	77.8	85.1	90.6	94.5	99.5			
45	64.9	63.1	56.8	53.1	49.0	43.8	40.2	38.5	38.3	38.8	40.6	43.5	48.7	53.7	58.6	61.6			
50	38.2	38.7	36.9	34.5	31.3	27.7	25.9	25.3	25.8	26.5	27.5	29.5	30.3	31.4	33.2	35.6			
55	25.1	25.6	24.0	21.9	19.2	16.9	15.9	15.5	15.4	16.2	17.3	18.6	20.1	21.1	22.2	23.5			
60	14.0	13.9	13.4	13.0	12.2	11.6	11.3	11.1	11.0	11.3	11.8	12.2	12.9	13.2	13.9	14.2			
65	10.5	10.4	9.91	9.38	8.79	8.33	7.81	7.60	7.53	7.82	8.46	8.94	9.58	9.84	10.3	10.6			
70	6.65	6.60	6.20	5.90	5.54	5.31	4.96	4.81	4.85	4.97	5.25	5.61	5.79	5.89	5.45	6.54			
75	3.72	3.62	3.23	2.88	2.51	2.26	2.08	1.97	2.01	2.08	2.27	2.53	2.90	3.13	3.52	3.74			
80	1.41	1.34	1.22	1.04	0.91	0.76	0.70	0.62	0.65	0.72	0.79	0.94	1.07	1.02	1.34	1.42			
85	0.37	0.30	0.27	0.16	0.13	0.03	0.04	0.00	0.00	0.04	0.03	0.12	0.15	0.20	0.28	0.37			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.04	0.00	0.03	0.00	0.02	0.00	0.00	0.00			
100	0.00	0.02	0.00	0.04	0.00	0.05	0.00	0.06	0.10	0.06	0.08	0.02	0.06	0.00	0.05	0.00			
105	0.02	0.07	0.04	0.08	0.05	0.10	0.06	0.12	0.17	0.13	0.16	0.08	0.12	0.06	0.10	0.06			
110	0.10	0.13	0.13	0.15	0.13	0.18	0.16	0.24	0.31	0.24	0.26	0.19	0.22	0.14	0.17	0.13			
115	0.19	0.24	0.20	0.27	0.25	0.31	0.30	0.38	0.48	0.42	0.42	0.34	0.34	0.27	0.29	0.25			
120	0.34	0.40	0.37	0.45	0.44	0.53	0.52	0.61	0.75	0.67	0.67	0.57	0.56	0.46	0.48	0.43			
125	0.61	0.65	0.64	0.73	0.77	0.86	0.87	0.98	1.17	1.09	1.05	0.94	0.90	0.78	0.76	0.71			
130	1.03	1.07	1.09	1.20	1.29	1.40	1.44	1.54	1.80	1.73	1.63	1.50	1.43	1.28	1.23	1.17			
135	1.67	1.71	1.77	1.90	2.03	2.17	2.28	2.40	2.75	2.67	2.56	2.36	2.22	2.03	1.93	1.86			
140	2.62	2.68	2.77	2.99	3.15	3.33	3.47	3.63	4.08	4.00	3.82	3.57	3.37	3.11	2.98	2.90			
145	3.95	3.99	4.14	4.37	4.68	4.87	5.08	5.25	5.82	5.71	5.48	5.20	4.88	4.59	4.41	4.31			
150	5.66	5.69	5.90	6.20	6.57	6.81	7.08	7.28	7.93	7.76	7.50	7.20	6.80	6.47	6.22	6.10			
155	7.74	7.73	7.94	8.35	8.86	9.11	9.35	9.59	10.2	9.98	9.74	9.53	9.08	8.66	8.32	8.18			
160	10.1	9.85	10.1	10.5	11.0	11.2	11.4	11.6	12.2	11.9	11.7	11.6	11.3	10.9	10.6	10.3			
165	11.9	11.5	11.7	12.1	12.5	12.7	12.9	13.1	13.5	13.3	13.1	13.1	12.9	12.5	12.0	12.0			
170	12.8	12.7	12.7	13.0	13.2	13.4	13.6	14.0	14.0	14.0	13.7	13.5	13.3	13.1	13.0	13.1			
175	13.4	13.3	13.5	13.4	13.3	13.5	14.1	14.3	14.0	14.2	14.2	13.8	13.4	13.5	13.7	13.6			
180	14.2	14.2	14.5	14.1	14.0	14.0	14.5	14.3	14.2	14.2	14.5	14.1	14.0	14.0	14.5	14.2			

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