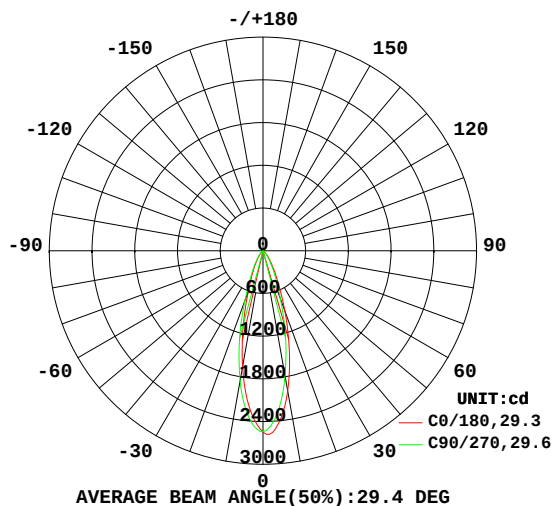


LUMINAIRE PHOTOMETRIC TEST REPORT

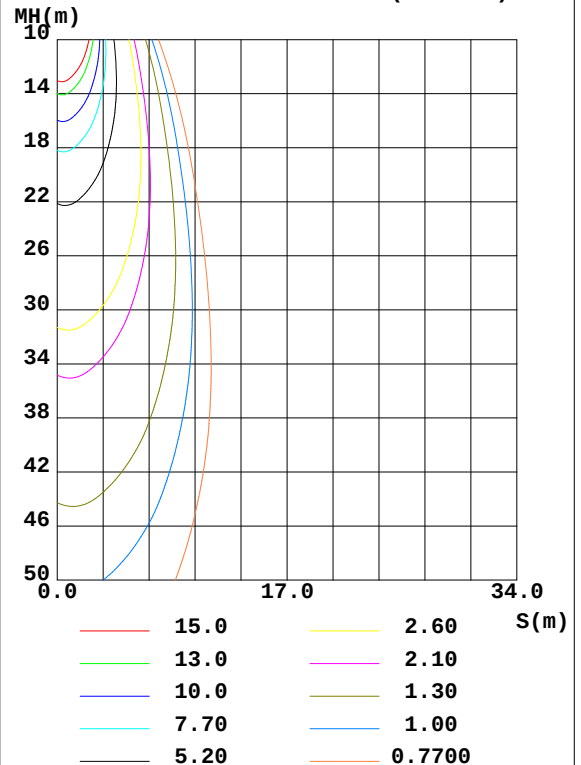
Test:U:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 90.27 lm/W			
MODEL	TB15111204 4000K	I _{max} (cd)	2581	S/MH(C0/180)	0.44
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.50
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	931.56	η UP, DN(C0-180)	0.8, 49.8
NOMINAL FLUX(lm)	931.558	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 48.6
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:

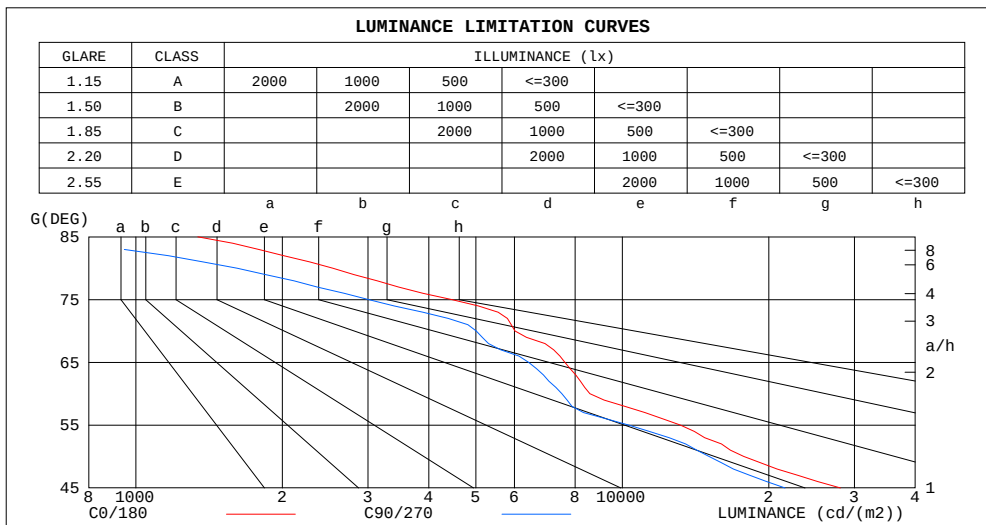
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2003	1910	1785	1690	1654	1724	1855	1966	0- 10	205.6	205.6	22.1, 22.1
20	895.4	810.7	722.4	645.9	604.3	642.8	743.0	863.5	10- 20	339.8	545.4	58.5, 58.5
30	308.2	278.6	246.9	224.4	210.1	216.4	248.4	296.0	20- 30	201.7	747.1	80.2, 80.2
40	108.4	95.86	85.62	80.36	74.61	77.31	86.69	103.2	30- 40	96.40	843.5	90.5, 90.5
50	37.91	35.97	32.16	29.99	26.74	27.18	29.84	35.33	40- 50	41.83	885.3	95, 95
60	14.24	13.52	12.47	11.69	11.23	11.88	13.05	14.25	50- 60	18.64	904.0	97, 97
70	6.829	6.243	5.687	5.183	4.999	5.332	5.948	5.681	60- 70	9.121	913.1	98, 98
80	1.464	1.243	0.9305	0.7235	0.6641	0.7971	1.118	1.412	70- 80	3.264	916.4	98.4, 98.4
90	0.0001	0	0	0	0.0046	0	0	0	80- 90	0.3164	916.7	98.4, 98.4
100	0	0	0	0.0045	0.1012	0.0737	0.0599	0.0506	90-100	0.0118	916.7	98.4, 98.4
110	0.1099	0.1281	0.1332	0.1651	0.3127	0.2666	0.2253	0.1978	100-110	0.1048	916.8	98.4, 98.4
120	0.3671	0.3808	0.4452	0.5552	0.7587	0.6714	0.5886	0.5288	110-120	0.3317	917.1	98.5, 98.5
130	1.097	1.115	1.299	1.473	1.830	1.646	1.490	1.343	120-130	0.8095	917.9	98.5, 98.5
140	2.758	2.818	3.157	3.561	4.097	3.825	3.485	3.182	130-140	1.735	919.7	98.7, 98.7
150	5.835	5.918	6.538	7.088	7.879	7.479	6.942	6.441	140-150	3.055	922.7	99.1, 99.1
160	10.22	10.05	10.89	11.21	12.03	11.66	11.35	10.73	150-160	4.062	926.8	99.5, 99.5
170	12.79	12.63	13.09	13.49	13.85	13.68	13.28	12.97	160-170	3.467	930.3	99.9, 99.9
180	14.20	14.51	14.02	14.53	14.21	14.51	14.03	14.49	170-180	1.295	931.6	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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 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	1340	433
80	2540	1614
75	4459	3006
70	6014	5008
65	7618	6413
60	8576	7509
55	13159	10304
50	17763	15069
45	28065	21591

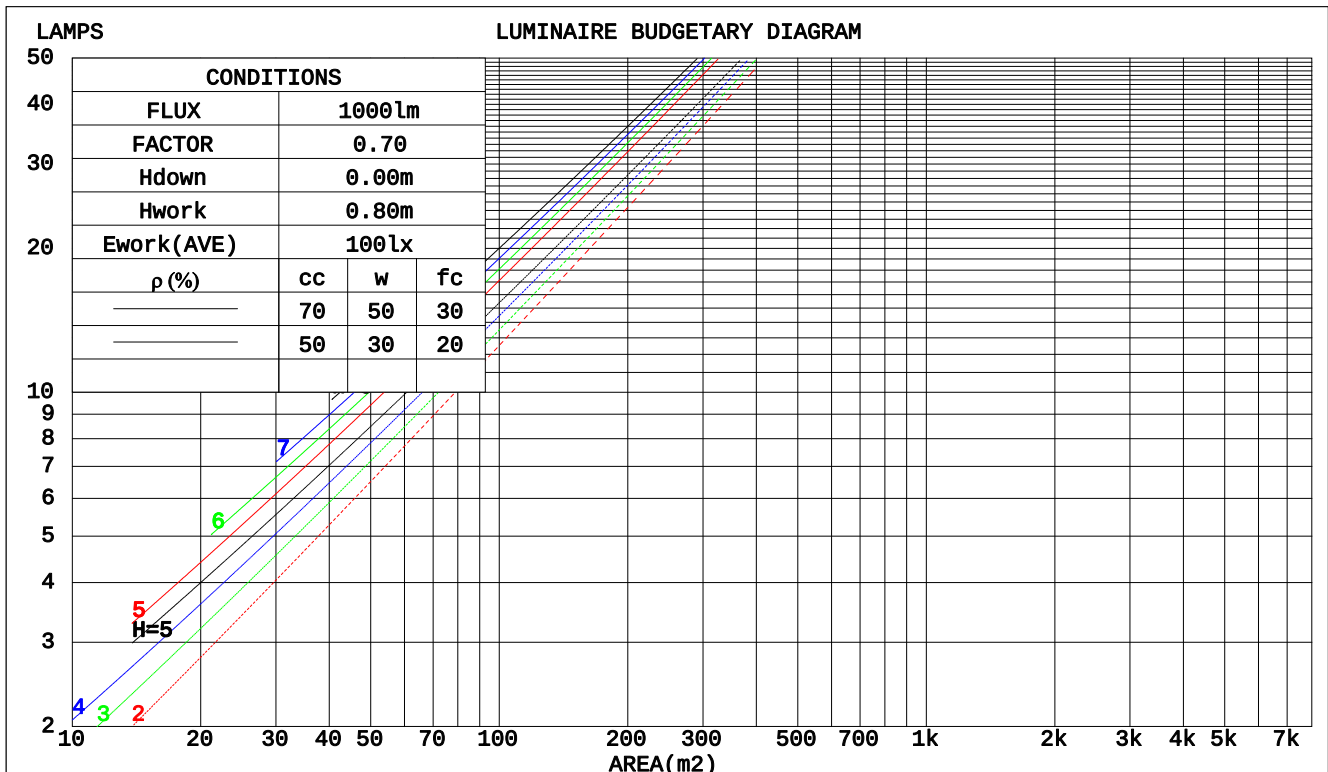
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 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	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.04	1.01	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.93	.88	.84	.92	.87	.84	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.83	.80	.77	.82	.79	.76	.75
6.0	.84	.79	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.78	.75	.73	.71
7.0	.80	.75	.71	.79	.74	.71	.78	.73	.70	.77	.73	.70	.75	.72	.69	.68
8.0	.76	.71	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm					
NAME: DL1542-WHTC10C02			TYPE:		WEIGHT:
SPEC.: white RA90 3000K+5000K			DIM.:		SERIAL No.:
MFR.:			SUR.: 65mm		Shielding Angle:

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	.165	.094	.030	.158	.090	.029	.144	.083	.026	.132	.076	.024	.120	.070	.023	
2.0	.156	.085	.026	.150	.083	.025	.139	.077	.024	.128	.072	.022	.118	.067	.021	
3.0	.147	.078	.023	.142	.076	.023	.132	.072	.022	.123	.068	.021	.115	.064	.020	
4.0	.139	.072	.021	.134	.070	.021	.126	.067	.020	.118	.063	.019	.111	.060	.018	
5.0	.131	.067	.019	.127	.065	.019	.120	.063	.018	.113	.060	.018	.107	.057	.017	
6.0	.124	.062	.018	.121	.061	.018	.115	.059	.017	.109	.057	.017	.103	.054	.016	
7.0	.118	.058	.017	.115	.057	.016	.110	.055	.016	.104	.054	.016	.099	.052	.015	
8.0	.113	.055	.015	.110	.054	.015	.105	.052	.015	.100	.051	.015	.096	.049	.014	
9.0	.108	.052	.015	.105	.051	.014	.101	.050	.014	.097	.048	.014	.093	.047	.014	
10.0	.103	.049	.014	.101	.049	.014	.097	.047	.013	.093	.046	.013	.089	.045	.013	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.183	.170	.158	.156	.146	.136	.107	.100	.094	.061	.058	.055	.020	.019	.018	
2.0	.166	.145	.127	.143	.125	.110	.098	.086	.076	.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	.133	.099	.074	.114	.086	.065	.078	.060	.046	.045	.035	.027	.015	.011	.009	
6.0	.125	.090	.065	.107	.078	.056	.074	.054	.040	.043	.032	.024	.014	.010	.008	
7.0	.118	.082	.057	.101	.071	.049	.070	.050	.035	.041	.029	.021	.013	.010	.007	
8.0	.111	.075	.051	.096	.065	.044	.066	.046	.031	.039	.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	.061	.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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 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	18.6	19.4	19.6	17.4	18.3	17.7	18.4	18.6
	3H	18.5	19.3	18.8	19.5	19.7	17.6	18.3	17.8	18.5	18.8
	4H	18.5	19.2	18.8	19.5	19.7	17.5	18.3	17.8	18.5	18.7
	6H	18.5	19.1	18.8	19.4	19.7	17.5	18.2	17.8	18.4	18.7
	8H	18.4	19.1	18.8	19.4	19.6	17.4	18.1	17.8	18.4	18.7
	12H	18.4	19.0	18.7	19.3	19.6	17.4	18.0	17.7	18.3	18.6
4H	2H	18.3	19.0	18.6	19.3	19.5	17.4	18.1	17.7	18.4	18.6
	3H	18.5	19.1	18.8	19.4	19.7	17.6	18.2	18.0	18.5	18.8
	4H	18.5	19.1	18.9	19.4	19.8	17.6	18.2	18.0	18.5	18.9
	6H	18.5	19.0	18.9	19.4	19.7	17.6	18.1	18.0	18.4	18.8
	8H	18.5	18.9	18.9	19.3	19.7	17.5	18.0	17.9	18.4	18.8
	12H	18.4	18.8	18.8	19.2	19.7	17.5	17.9	17.9	18.3	18.7
8H	4H	18.4	18.9	18.9	19.3	19.7	17.5	18.0	18.0	18.4	18.8
	6H	18.4	18.8	18.9	19.2	19.7	17.5	17.9	17.9	18.3	18.7
	8H	18.4	18.7	18.8	19.2	19.6	17.4	17.8	17.9	18.2	18.7
	12H	18.3	18.6	18.8	19.1	19.6	17.4	17.7	17.9	18.1	18.6
12H	4H	18.4	18.8	18.8	19.2	19.6	17.5	17.9	17.9	18.3	18.7
	6H	18.4	18.7	18.8	19.1	19.6	17.4	17.8	17.9	18.2	18.7
	8H	18.3	18.6	18.8	19.1	19.6	17.4	17.7	17.9	18.2	18.7
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 2.0 / - 2.9					+ 1.7 / - 3.2					
1.5H	+ 3.1 / - 2.3					+ 2.4 / - 2.0					
2.0H	+ 3.5 / - 2.5					+ 2.9 / - 2.4					

CIE Pub.117, 931.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.2)
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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

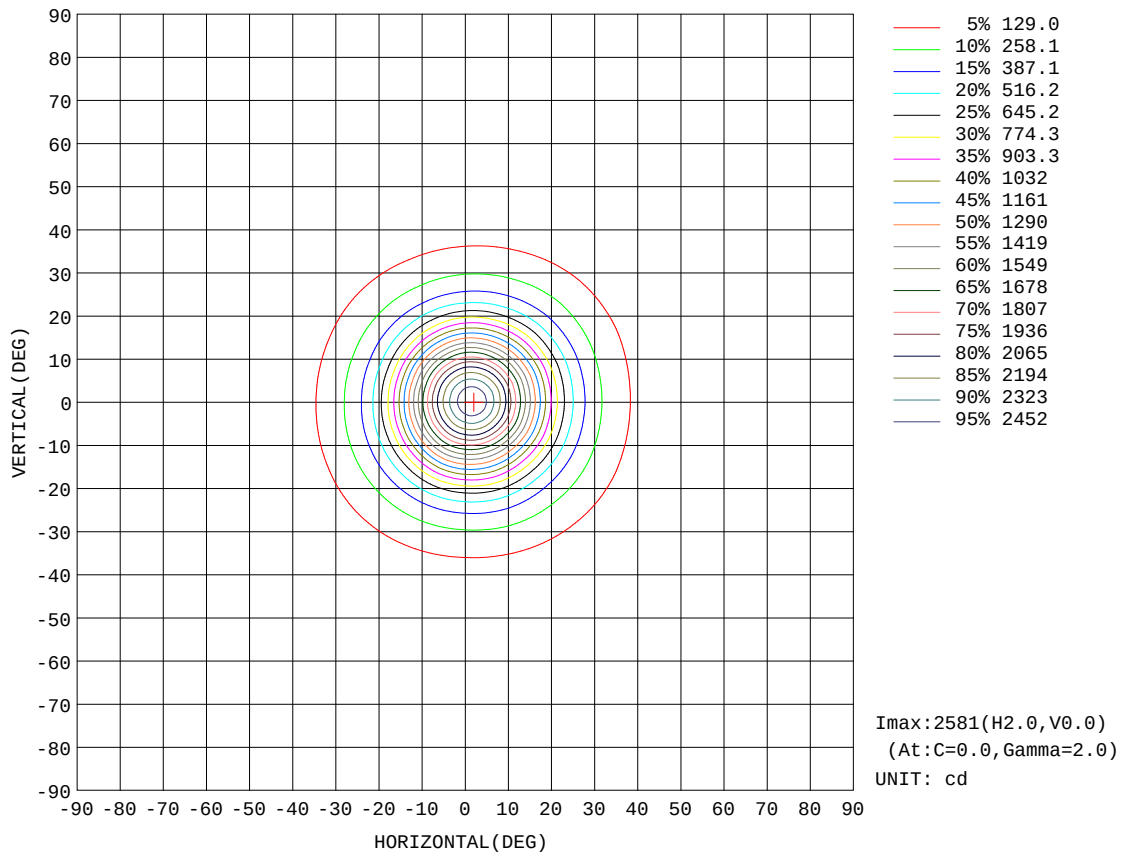
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	97	93	101	96	92	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	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	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
γ 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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

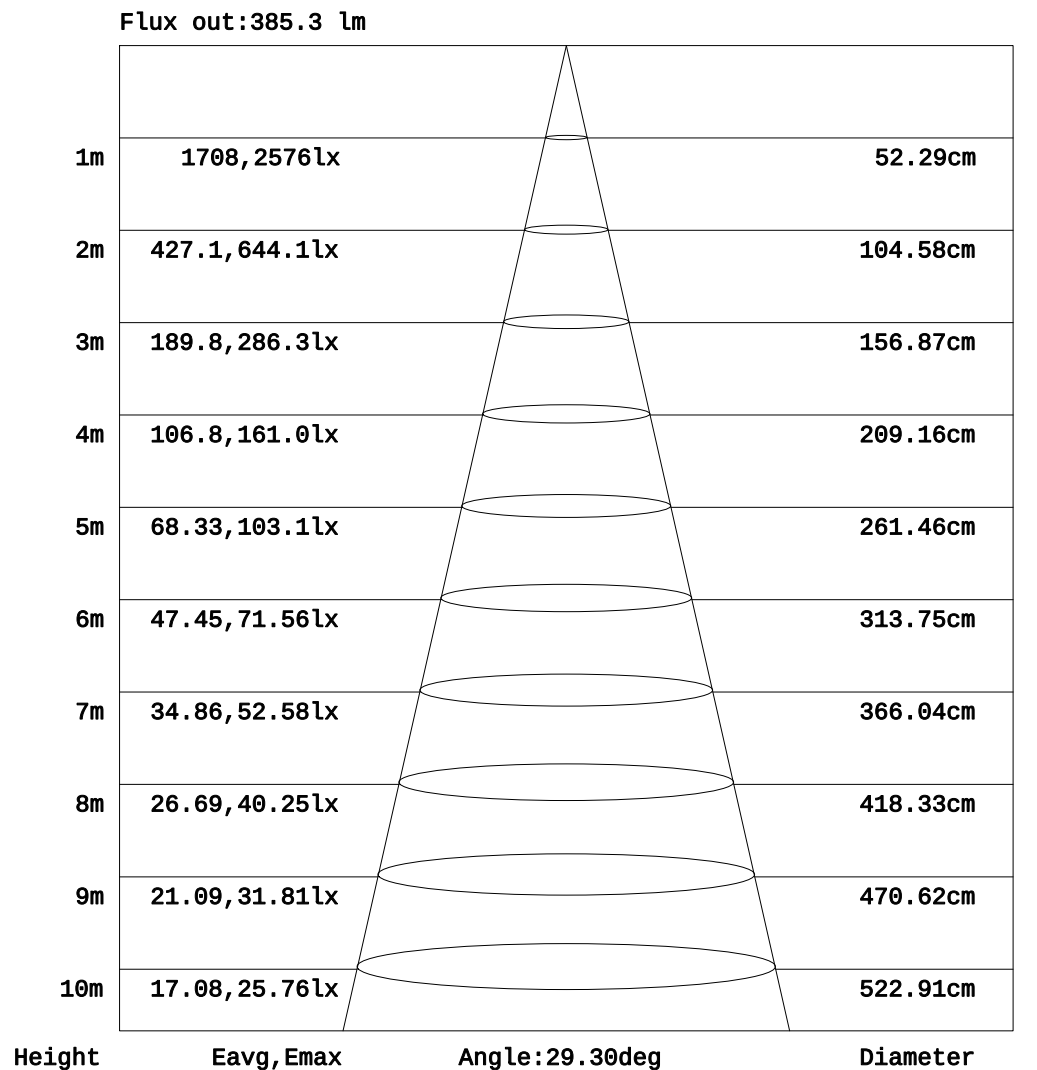


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



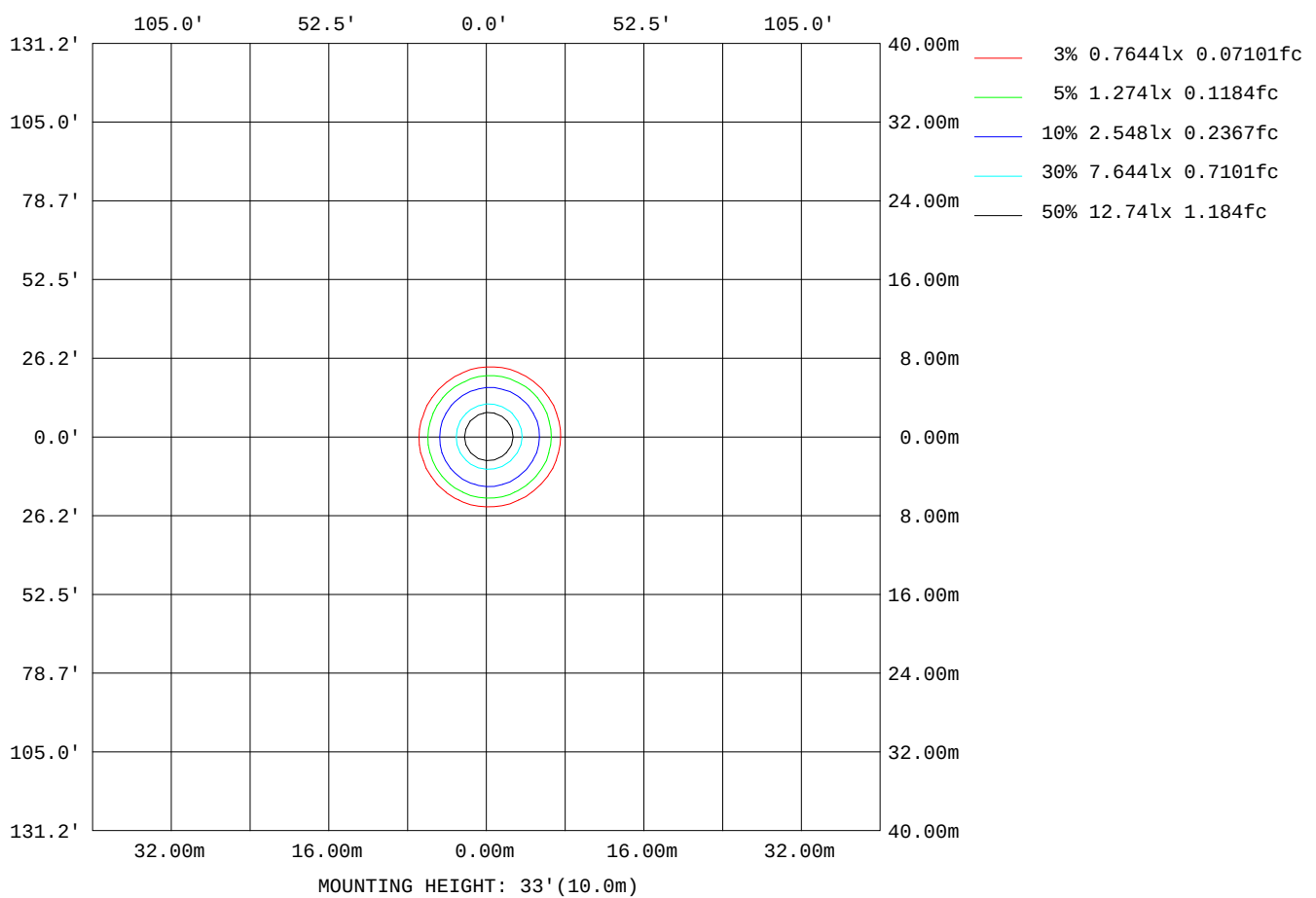
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm		
NAME: DL1542-WHTC10C02	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

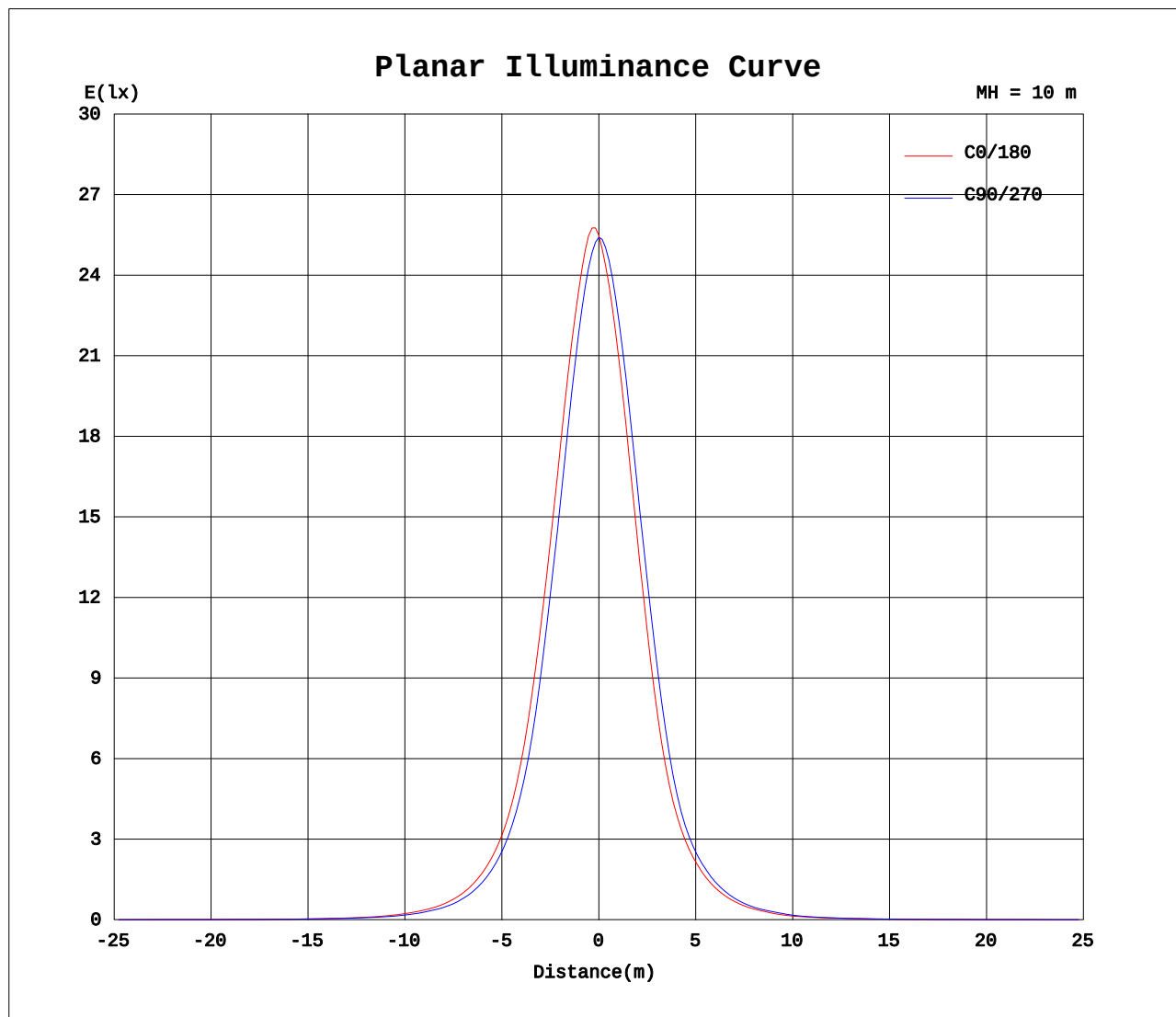
AvgL	cd/m2
L_0~180(65)av	6562
L_0~180(75)av	3430
L_0~180(85)av	670
L_90~270(65)av	6682
L_90~270(75)av	3243
L_90~270(85)av	477
L_45(65)av	6637
L_45(75)av	3334
L_45(85)av	572

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:231.77V I:0.0472A P:10.320W PF:0.9426 Freq:49.99Hz Lamp Flux:931.558x1 lm																	
NAME: DL1542-WHTC10C02									TYPE:						WEIGHT:		
SPEC.: white RA90 3000K+5000K									DIM.:						SERIAL No.:		
MFR.:									SUR.: 65mm						Shielding Angle:		

Table--1

UNIT: cd

C(°) γ (°)	C(°)																
	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	2548	2545	2545	2543	2541	2543	2543	2545	2548	2545	2545	2543	2541	2543	2543	2545	
5	2447	2430	2388	2347	2297	2261	2223	2206	2207	2215	2249	2289	2338	2379	2416	2443	
10	2003	1978	1910	1849	1785	1743	1690	1659	1654	1668	1724	1781	1855	1913	1966	2004	
15	1431	1399	1327	1275	1221	1177	1117	1080	1068	1083	1136	1198	1276	1332	1389	1432	
20	895	870	811	772	722	690	646	617	604	608	643	685	743	801	864	897	
25	518	502	466	448	419	398	376	361	351	352	365	385	415	449	493	518	
30	308	299	279	267	247	237	224	215	210	209	216	228	248	270	296	307	
35	182	177	163	153	145	138	132	127	124	122	127	133	146	159	176	184	
40	108	105	95.9	90.4	85.6	83.3	80.4	76.7	74.6	74.7	77.3	80.8	86.7	93.7	103	109	
45	65.9	63.5	58.3	54.7	50.7	47.9	45.7	42.3	40.0	40.0	42.1	45.1	49.0	54.2	61.9	66.0	
50	37.9	37.5	36.0	34.3	32.2	30.8	30.0	28.0	26.7	26.6	27.2	28.9	29.8	32.0	35.3	37.8	
55	25.1	24.8	23.5	21.9	19.6	18.1	17.3	16.3	15.8	16.4	17.3	18.4	19.9	21.6	23.8	25.0	
60	14.2	14.0	13.5	13.2	12.5	11.9	11.7	11.4	11.2	11.5	11.9	12.3	13.0	13.5	14.3	14.6	
65	10.7	10.5	10.00	9.49	9.00	8.60	8.13	7.89	7.73	7.98	8.57	9.07	9.75	10.1	10.6	10.9	
70	6.83	6.72	6.24	5.99	5.69	5.51	5.18	5.01	5.00	5.08	5.33	5.70	5.95	6.13	5.68	6.80	
75	3.83	3.68	3.28	2.93	2.58	2.34	2.15	2.05	2.06	2.13	2.32	2.60	2.99	3.26	3.71	3.91	
80	1.46	1.38	1.24	1.06	0.93	0.78	0.72	0.66	0.66	0.73	0.80	0.97	1.12	1.06	1.41	1.50	
85	0.39	0.32	0.28	0.16	0.13	0.04	0.04	0.00	0.00	0.05	0.03	0.12	0.15	0.21	0.31	0.39	
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	0.01	0.00	0.00	0.00	0.02	0.04	0.00	0.03	0.00	0.02	0.00	0.01	0.00	
100	0.00	0.03	0.00	0.04	0.00	0.05	0.00	0.07	0.10	0.05	0.07	0.02	0.06	0.00	0.05	0.00	
105	0.04	0.07	0.05	0.09	0.05	0.10	0.07	0.13	0.18	0.13	0.15	0.08	0.12	0.06	0.10	0.05	
110	0.11	0.14	0.13	0.17	0.13	0.19	0.17	0.25	0.31	0.24	0.27	0.20	0.23	0.16	0.20	0.14	
115	0.20	0.25	0.20	0.27	0.26	0.33	0.33	0.41	0.49	0.42	0.43	0.34	0.37	0.29	0.33	0.27	
120	0.37	0.41	0.38	0.46	0.45	0.55	0.56	0.64	0.76	0.67	0.67	0.58	0.59	0.50	0.53	0.47	
125	0.65	0.69	0.65	0.74	0.77	0.90	0.90	1.03	1.19	1.09	1.05	0.96	0.95	0.87	0.84	0.77	
130	1.10	1.12	1.11	1.22	1.30	1.43	1.47	1.61	1.83	1.73	1.65	1.53	1.49	1.37	1.34	1.27	
135	1.76	1.78	1.80	1.93	2.05	2.21	2.35	2.47	2.77	2.66	2.57	2.41	2.31	2.15	2.09	2.02	
140	2.76	2.75	2.82	3.01	3.16	3.37	3.56	3.71	4.10	3.98	3.83	3.63	3.49	3.29	3.18	3.08	
145	4.10	4.07	4.17	4.37	4.68	4.90	5.14	5.31	5.81	5.68	5.48	5.25	5.02	4.80	4.63	4.51	
150	5.83	5.78	5.92	6.17	6.54	6.81	7.09	7.29	7.88	7.71	7.48	7.25	6.94	6.68	6.44	6.28	
155	7.89	7.80	7.94	8.31	8.79	9.04	9.28	9.52	10.1	9.90	9.71	9.55	9.21	8.84	8.51	8.36	
160	10.2	9.88	10.0	10.4	10.9	11.1	11.2	11.5	12.0	11.8	11.7	11.6	11.3	11.0	10.7	10.4	
165	11.9	11.5	11.6	12.0	12.4	12.5	12.7	13.0	13.3	13.2	13.0	13.0	12.9	12.5	12.0	12.0	
170	12.8	12.7	12.6	12.9	13.1	13.3	13.5	13.9	13.8	13.9	13.7	13.4	13.3	13.1	13.0	13.0	
175	13.4	13.3	13.5	13.4	13.3	13.5	14.1	14.3	13.9	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	14.3	

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