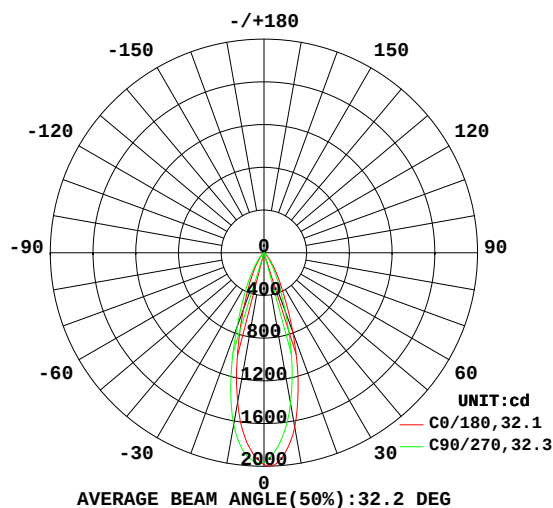


LUMINAIRE PHOTOMETRIC TEST REPORT

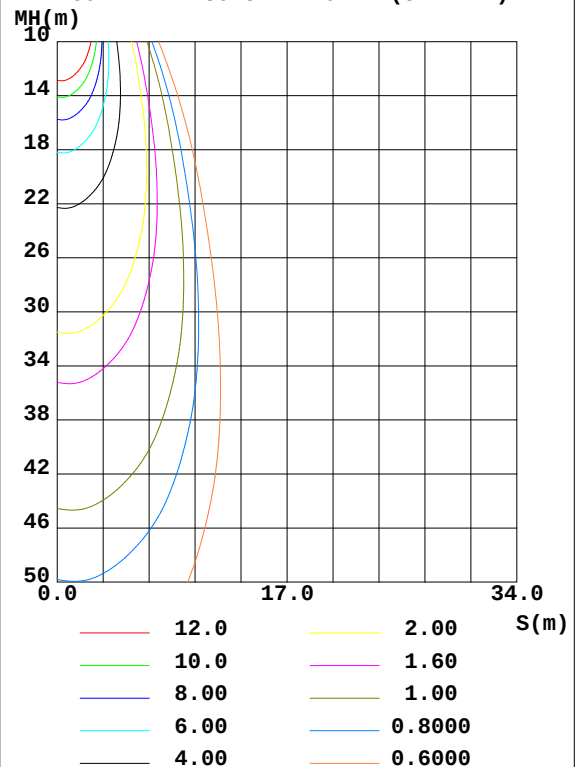
Test:U:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.05 lm/W			
MODEL	TB15111204 3000K	I _{max} (cd)	1997	S/MH(C0/180)	0.49
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.57
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	774.32	η UP, DN(C0-180)	0.8, 46.9
NOMINAL FLUX(lm)	774.324	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 51.6
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	0.55

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:

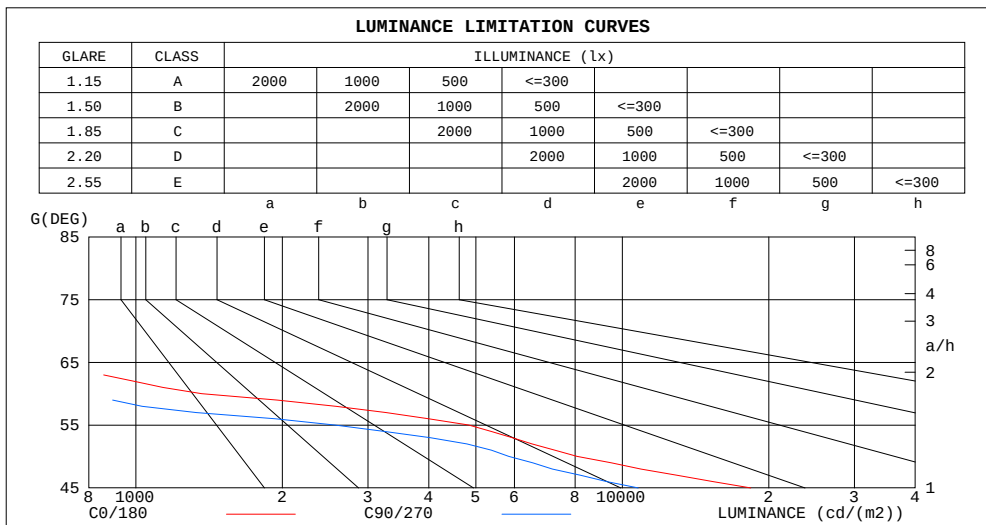
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1657	1547	1432	1354	1423	1529	1634	1675	0- 10	166.0	166.0	21.4, 21.4
20	790.5	714.6	586.9	518.4	561.9	666.5	736.0	802.1	10- 20	297.2	463.1	59.8, 59.8
30	261.7	242.2	184.7	159.1	184.0	239.4	256.6	262.1	20- 30	182.9	646.0	83.4, 83.4
40	80.40	75.16	57.44	49.09	55.10	71.75	75.28	79.08	30- 40	80.50	726.5	93.8, 93.8
50	17.23	17.34	12.48	11.17	13.43	20.60	19.93	19.45	40- 50	27.93	754.4	97.4, 97.4
60	2.266	1.855	1.302	1.046	1.296	1.709	1.953	2.392	50- 60	6.951	761.4	98.3, 98.3
70	0.1570	0.1471	0.1243	0.0920	0.0455	0.0779	0.0780	0.0963	60- 70	0.6193	762.0	98.4, 98.4
80	0	0	0	0	0	0	0	0	70- 80	0.0264	762.0	98.4, 98.4
90	0	0	0	0	0	0	0	0	80- 90	0	762.0	98.4, 98.4
100	0	0	0	0	0.0001	0	0	0	90-100	0.0000	762.0	98.4, 98.4
110	0	0	0.0091	0.0227	0.1150	0.0967	0.0644	0.0507	100-110	0.0122	762.0	98.4, 98.4
120	0.1925	0.2705	0.3118	0.3438	0.4691	0.4049	0.3174	0.2760	110-120	0.1568	762.2	98.4, 98.4
130	0.8711	1.005	1.142	1.202	1.426	1.270	1.044	0.9247	120-130	0.5797	762.8	98.5, 98.5
140	2.304	2.648	2.951	3.079	3.430	3.118	2.663	2.433	130-140	1.425	764.2	98.7, 98.7
150	5.027	5.450	6.065	6.262	6.730	6.233	5.604	5.218	140-150	2.613	766.8	99, 99
160	8.514	8.730	9.717	9.754	10.26	9.659	9.283	8.695	150-160	3.474	770.3	99.5, 99.5
170	10.75	10.75	11.19	11.47	11.78	11.45	11.07	10.87	160-170	2.925	773.2	99.9, 99.9
180	12.27	12.45	12.10	12.50	12.32	12.47	12.11	12.48	170-180	1.102	774.3	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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	0	0
80	0	0
75	38	0
70	138	109
65	575	247
60	1365	785
55	4835	2566
50	8075	5846
45	18359	10781

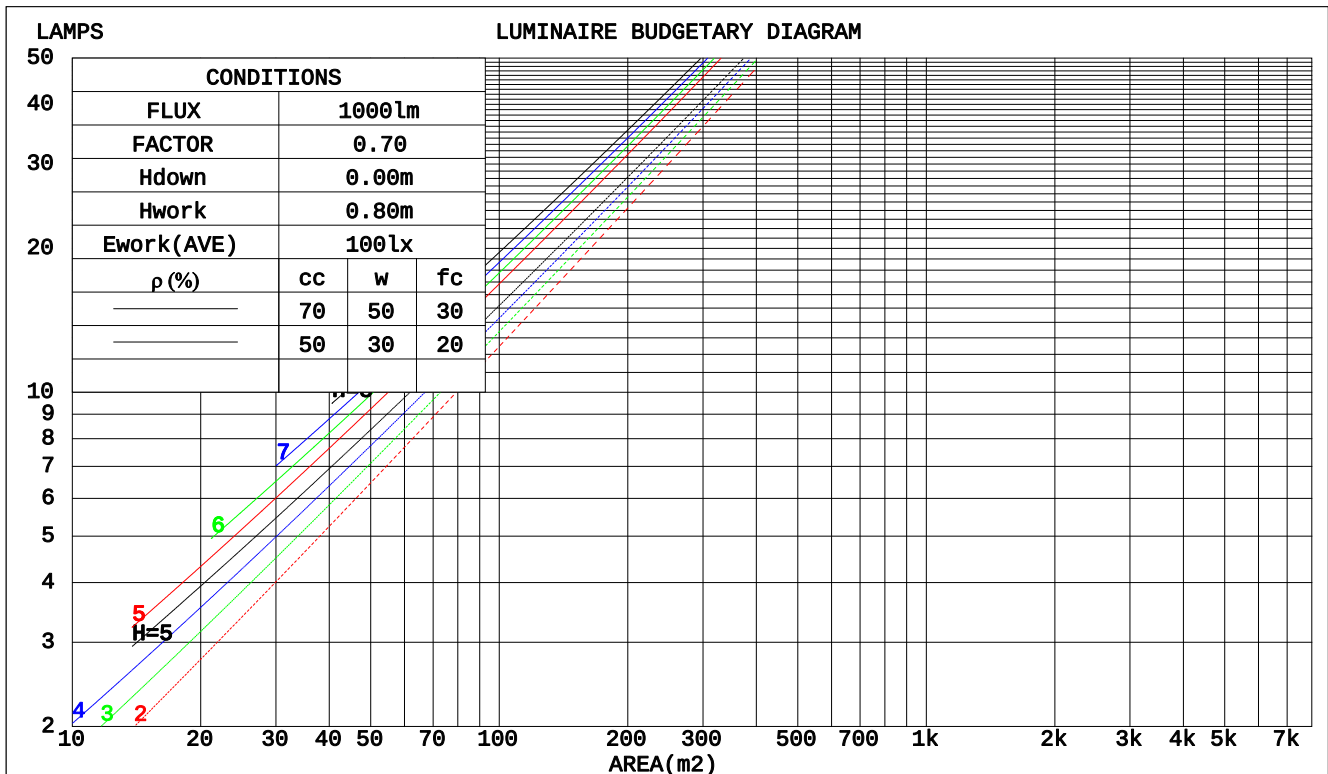
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black 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	1.02	1.01	.99	.99	.97	.96	.95	.94
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.97	.95	.97	.94	.93	.94	.92	.91	.89
3.0	.99	.95	.91	.98	.94	.91	.95	.92	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.94	.89	.86	.93	.88	.85	.91	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.89	.84	.81	.88	.84	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.76
6.0	.85	.80	.76	.84	.79	.76	.83	.79	.75	.81	.78	.75	.80	.77	.74	.73
7.0	.81	.76	.73	.81	.76	.72	.79	.75	.72	.78	.74	.71	.77	.73	.71	.70
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.70	.68	.67
9.0	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64
10.0	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.69	.65	.63	.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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm					
NAME: DL1542-BKTC10C02			TYPE:		WEIGHT:
SPEC.: black 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	.158	.090	.028	.151	.086	.027	.137	.079	.025	.125	.072	.023	.114	.066	.021	
2.0	.149	.082	.025	.143	.079	.024	.132	.073	.023	.121	.068	.021	.112	.063	.020	
3.0	.141	.075	.022	.136	.073	.022	.126	.068	.021	.117	.064	.020	.109	.060	.019	
4.0	.133	.069	.020	.129	.067	.020	.121	.064	.019	.113	.061	.018	.106	.058	.018	
5.0	.126	.064	.019	.123	.063	.018	.115	.060	.018	.109	.057	.017	.103	.055	.016	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.105	.054	.016	.099	.052	.016	
7.0	.115	.057	.016	.112	.056	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	
8.0	.110	.054	.015	.107	.053	.015	.102	.051	.015	.097	.049	.014	.093	.048	.014	
9.0	.105	.051	.014	.103	.050	.014	.098	.049	.014	.094	.047	.013	.090	.046	.013	
10.0	.101	.048	.013	.099	.048	.013	.095	.046	.013	.091	.045	.013	.087	.044	.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	.182	.170	.159	.156	.146	.136	.107	.100	.094	.061	.058	.055	.020	.019	.018	
2.0	.165	.145	.128	.142	.125	.110	.097	.086	.077	.056	.050	.045	.018	.016	.015	
3.0	.152	.126	.105	.130	.108	.091	.089	.075	.064	.052	.044	.038	.017	.014	.012	
4.0	.141	.111	.088	.121	.096	.076	.083	.067	.054	.048	.039	.032	.015	.013	.010	
5.0	.131	.099	.075	.113	.086	.065	.078	.060	.046	.045	.035	.027	.014	.011	.009	
6.0	.123	.089	.065	.106	.077	.057	.073	.054	.040	.042	.032	.024	.014	.010	.008	
7.0	.116	.081	.057	.100	.071	.050	.069	.050	.035	.040	.029	.021	.013	.010	.007	
8.0	.110	.075	.051	.095	.065	.044	.066	.046	.031	.038	.027	.019	.012	.009	.006	
9.0	.105	.070	.046	.090	.060	.040	.063	.042	.028	.036	.025	.017	.012	.008	.006	
10.0	.100	.065	.042	.086	.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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm										
NAME: DL1542-BKTC10C02					TYPE:			WEIGHT:		
SPEC.: black 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	17.0	17.8	17.3	18.0	18.2	15.5	16.3	15.8	16.5	16.7
3H	16.9	17.6	17.1	17.8	18.0	15.4	16.1	15.6	16.3	16.5
4H	16.8	17.5	17.1	17.7	17.9	15.3	16.0	15.6	16.2	16.5
6H	16.7	17.3	17.0	17.6	17.9	15.2	15.8	15.5	16.1	16.4
8H	16.6	17.3	17.0	17.5	17.8	15.1	15.8	15.5	16.0	16.3
12H	16.6	17.2	16.9	17.5	17.8	15.1	15.7	15.4	16.0	16.3
4H 2H	16.8	17.5	17.1	17.7	18.0	15.3	16.0	15.6	16.2	16.5
3H	16.6	17.2	16.9	17.5	17.8	15.1	15.7	15.5	16.0	16.3
4H	16.5	17.0	16.9	17.4	17.7	15.0	15.6	15.4	15.9	16.2
6H	16.4	16.9	16.8	17.2	17.6	14.9	15.4	15.3	15.8	16.1
8H	16.3	16.8	16.8	17.2	17.6	14.9	15.3	15.3	15.7	16.1
12H	16.3	16.7	16.7	17.1	17.5	14.8	15.2	15.2	15.6	16.0
8H 4H	16.3	16.8	16.8	17.2	17.6	14.9	15.3	15.3	15.7	16.1
6H	16.2	16.6	16.7	17.0	17.5	14.7	15.1	15.2	15.5	16.0
8H	16.2	16.5	16.6	16.9	17.4	14.7	15.0	15.2	15.5	15.9
12H	16.1	16.4	16.6	16.9	17.4	14.6	14.9	15.1	15.4	15.9
12H 4H	16.3	16.7	16.7	17.1	17.5	14.8	15.2	15.2	15.6	16.0
6H	16.2	16.5	16.6	16.9	17.4	14.7	15.0	15.2	15.5	15.9
8H	16.1	16.4	16.6	16.9	17.4	14.6	14.9	15.1	15.4	15.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.0 / -10.9					+ 2.5 / -14.5				
1.5H	+ 4.7 / - 7.2					+ 4.1 / - 6.9				
2.0H	+ 6.7 / -14.0					+ 5.3 / -14.0				

CIE Pub.117, 774.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

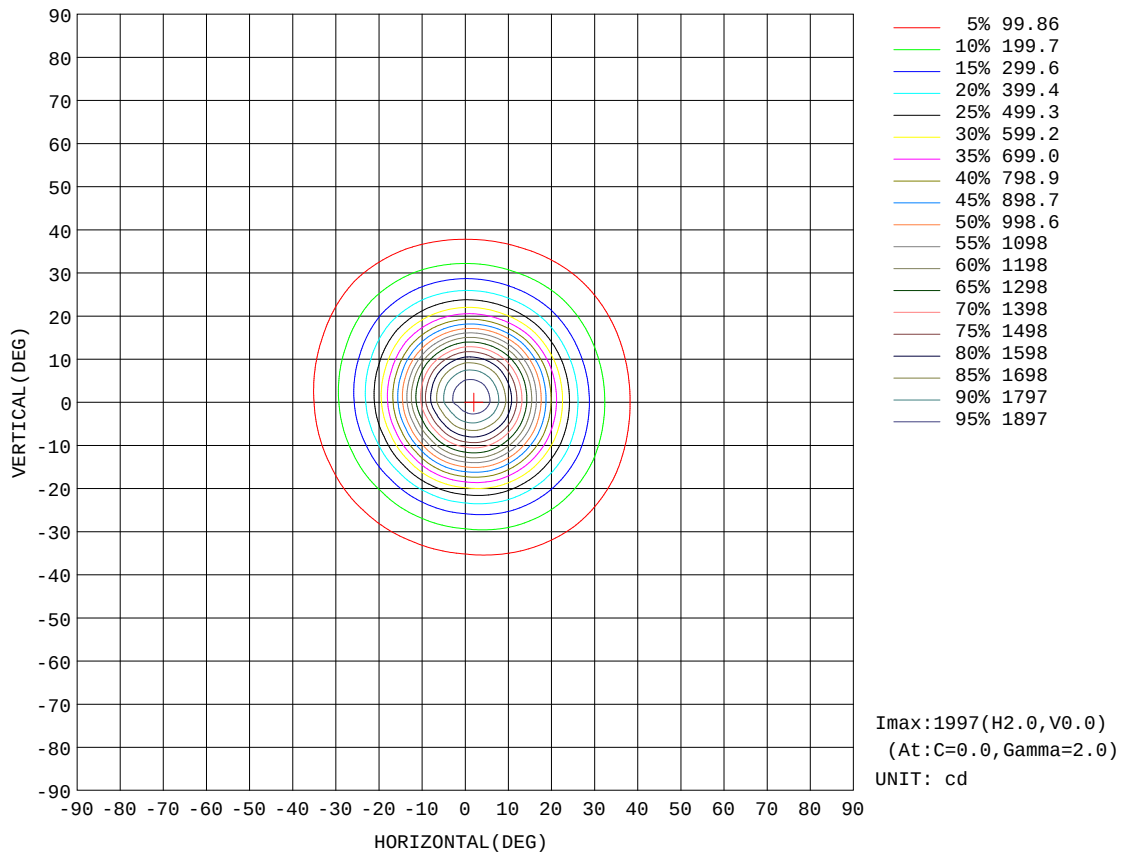
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	86	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	98	94	100	96	93	89
1.50	106	101	98	105	100	98	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	104	108	105	102	105	102	100	94
3.00	112	108	106	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

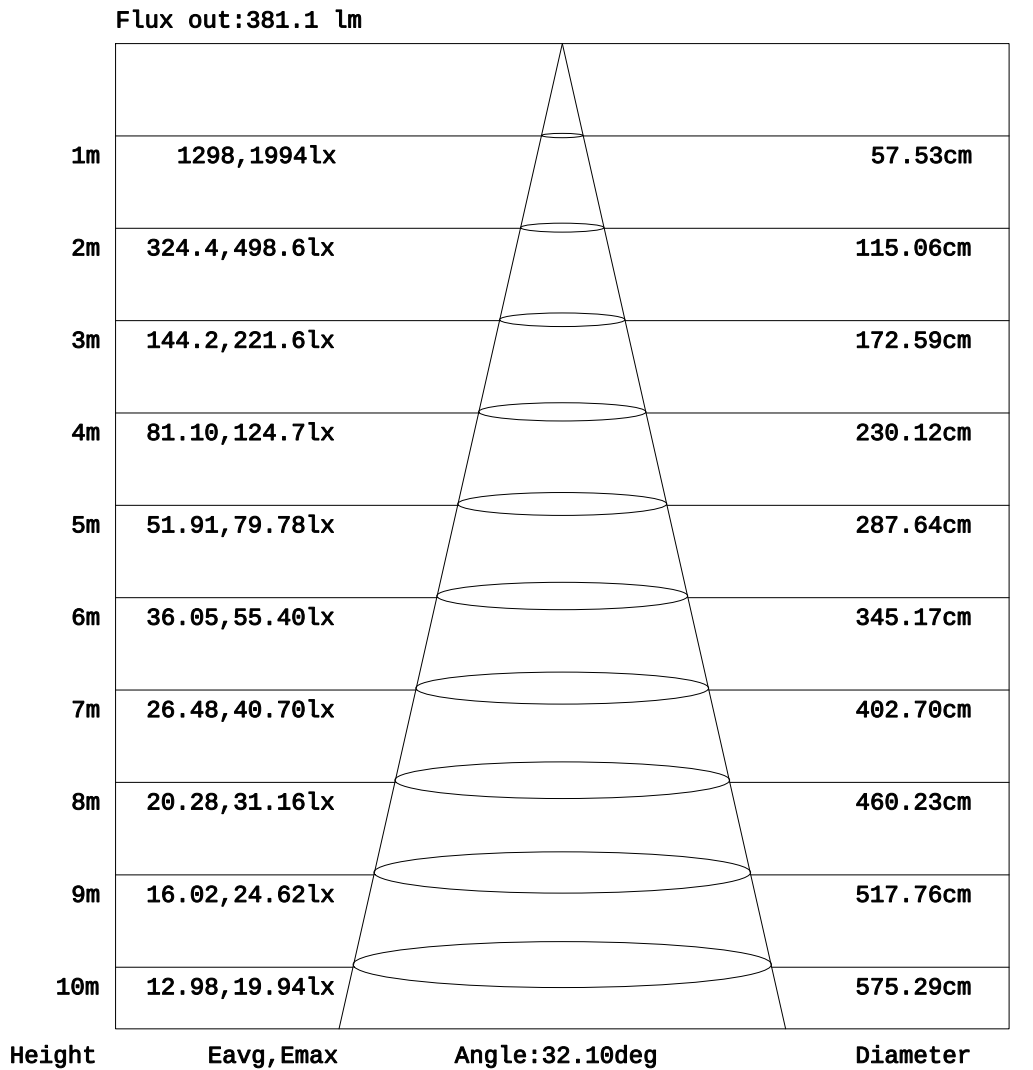


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-18

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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



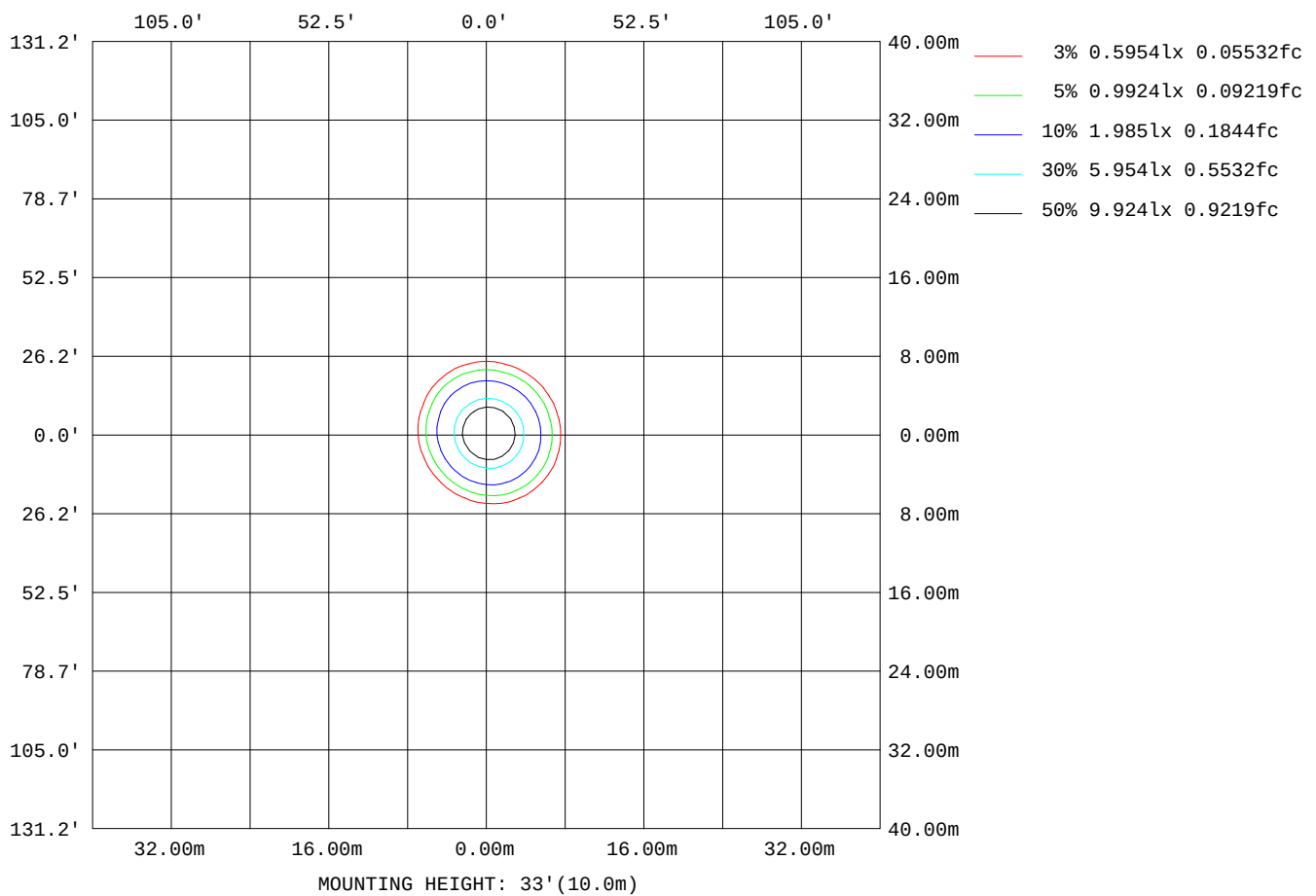
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black 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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

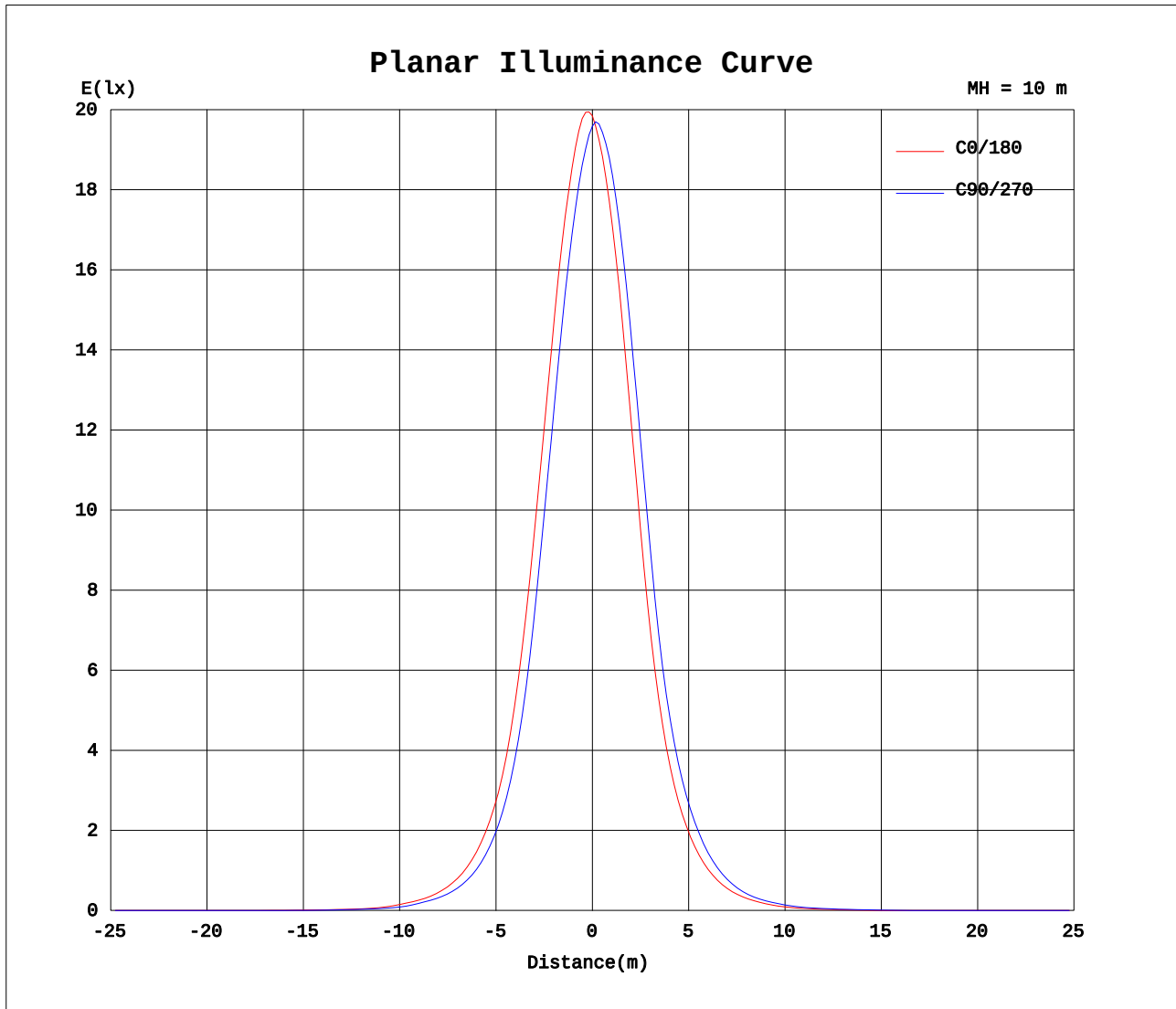
AvgL	cd/m2
L_0~180(65)av	371
L_0~180(75)av	19
L_0~180(85)av	0
L_90~270(65)av	326
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	341
L_45(75)av	0
L_45(85)av	0

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:231.89V I:0.0482A P:10.601W PF:0.9479 Freq:49.99Hz Lamp Flux:774.324x1 lm																	
NAME: DL1542-BKTC10C02									TYPE:						WEIGHT:		
SPEC.: black 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	1985	1974	1968	1963	1959	1960	1957	1960	1985	1974	1968	1963	1959	1960	1957	1960			
5	1928	1890	1844	1808	1774	1753	1737	1748	1793	1814	1845	1872	1902	1920	1932	1929			
10	1657	1613	1547	1494	1432	1389	1354	1365	1423	1466	1529	1581	1634	1660	1675	1663			
15	1235	1190	1131	1071	998	948	904	904	953	1001	1073	1135	1198	1236	1264	1258			
20	791	763	715	657	587	547	518	521	562	602	666	704	736	762	802	807			
25	454	446	416	377	330	304	288	296	324	357	403	425	438	443	456	457			
30	262	258	242	217	185	168	159	166	184	206	239	254	257	257	262	260			
35	146	145	137	120	102	91.6	87.4	90.2	101	113	134	142	142	142	146	146			
40	80.4	80.6	75.2	66.9	57.4	51.7	49.1	50.3	55.1	61.3	71.7	75.3	75.3	75.8	79.1	80.3			
45	43.1	39.9	35.0	30.2	25.3	22.6	21.5	23.5	25.9	29.6	36.4	38.6	39.6	41.3	43.5	44.2			
50	17.2	17.4	17.3	15.1	12.5	11.4	11.2	12.0	13.4	16.0	20.6	21.1	19.9	19.5	19.5	18.8			
55	9.21	9.28	8.67	6.91	4.89	4.10	3.72	3.78	4.50	5.89	8.55	9.76	9.78	9.86	10.1	9.77			
60	2.27	1.99	1.86	1.57	1.30	1.09	1.05	1.09	1.30	1.45	1.71	1.95	1.95	2.12	2.39	2.52			
65	0.81	0.70	0.61	0.45	0.35	0.22	0.23	0.17	0.23	0.30	0.34	0.49	0.57	0.71	0.73	0.81			
70	0.16	0.11	0.15	0.12	0.12	0.05	0.09	0.05	0.05	0.12	0.08	0.13	0.08	0.13	0.10	0.14			
75	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04			
80	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			
85	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			
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	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			
105	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.00	0.02	0.00	0.00	0.00			
110	0.00	0.03	0.00	0.06	0.01	0.06	0.02	0.07	0.12	0.06	0.10	0.04	0.06	0.01	0.05	0.01			
115	0.06	0.12	0.12	0.17	0.13	0.17	0.13	0.18	0.25	0.19	0.21	0.14	0.16	0.10	0.13	0.11			
120	0.19	0.28	0.27	0.35	0.31	0.37	0.34	0.39	0.47	0.42	0.40	0.33	0.32	0.24	0.28	0.24			
125	0.43	0.53	0.56	0.65	0.63	0.69	0.67	0.71	0.84	0.77	0.75	0.63	0.59	0.50	0.52	0.49			
130	0.87	0.95	1.00	1.12	1.14	1.20	1.20	1.31	1.43	1.34	1.27	1.12	1.04	0.92	0.92	0.92			
135	1.45	1.56	1.68	1.83	1.88	1.95	1.97	2.10	2.26	2.14	2.02	1.83	1.69	1.54	1.54	1.52			
140	2.30	2.47	2.65	2.84	2.95	3.05	3.08	3.11	3.43	3.28	3.12	2.87	2.66	2.48	2.43	2.44			
145	3.51	3.69	3.90	4.16	4.41	4.47	4.53	4.55	4.94	4.76	4.52	4.23	3.97	3.75	3.67	3.69			
150	5.03	5.19	5.45	5.77	6.06	6.20	6.26	6.31	6.73	6.48	6.23	5.93	5.60	5.35	5.22	5.23			
155	6.79	6.90	7.12	7.56	7.97	8.10	8.12	8.22	8.67	8.33	8.04	7.80	7.48	7.17	6.99	6.97			
160	8.51	8.56	8.73	9.23	9.72	9.77	9.75	9.85	10.3	9.90	9.66	9.54	9.28	8.97	8.69	8.68			
165	9.83	9.80	9.97	10.4	10.8	10.8	10.9	11.0	11.2	11.0	10.8	10.7	10.6	10.3	9.99	9.99			
170	10.7	10.8	10.8	11.1	11.2	11.4	11.5	11.8	11.8	11.7	11.5	11.2	11.1	10.9	10.9	10.9			
175	11.5	11.5	11.6	11.5	11.5	11.6	12.1	12.3	12.0	12.1	12.1	11.7	11.4	11.5	11.7	11.5			
180	12.3	12.3	12.5	12.1	12.1	12.1	12.5	12.3	12.3	12.3	12.5	12.1	12.1	12.0	12.5	12.3			

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