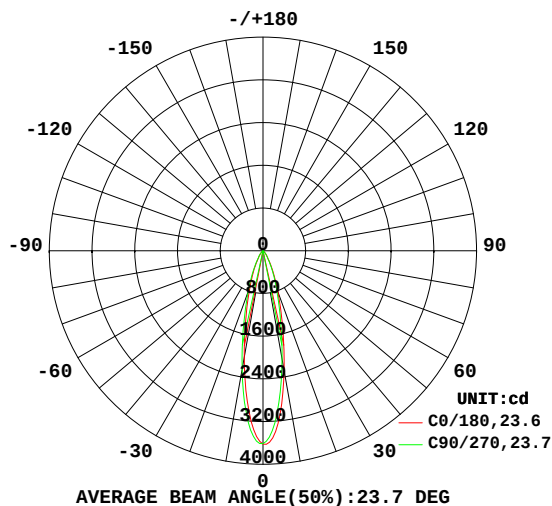


LUMINAIRE PHOTOMETRIC TEST REPORT

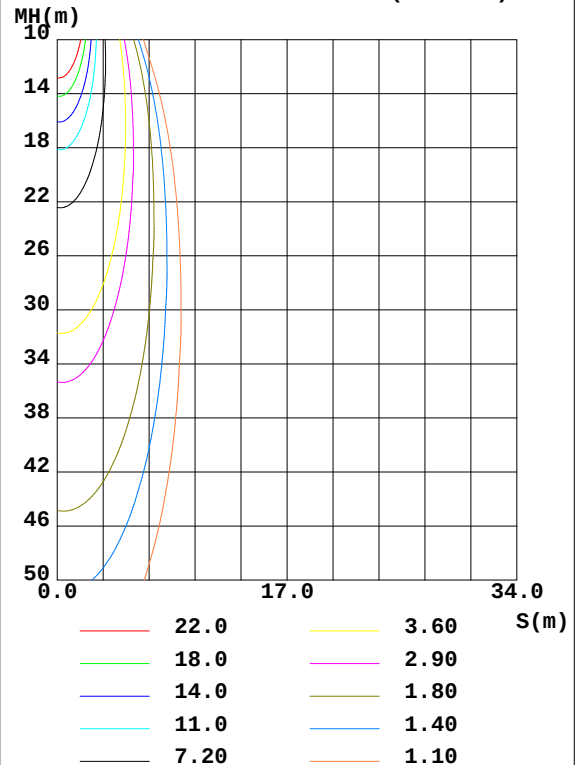
Test:U:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 73.84 lm/W			
MODEL	TB15111204 5000K	I _{max} (cd)	3630	S/MH(C0/180)	0.38
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.42
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	999.39	η UP, DN(C0-180)	0.8, 48.2
NOMINAL FLUX(lm)	999.39	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.2
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	1.00

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:2025-06-02

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:

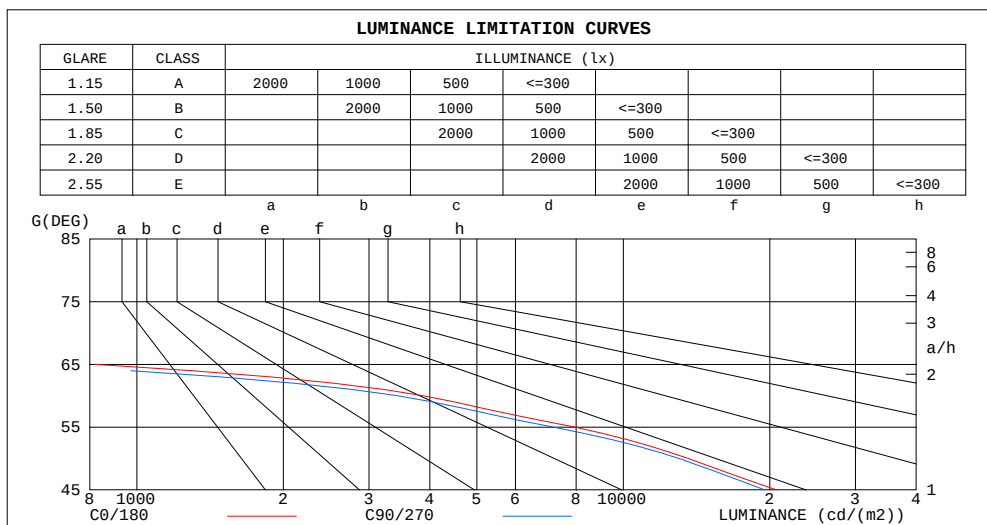
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2281	2168	2058	1993	2027	2108	2257	2355	0- 10	266.5	266.5	26.7, 26.7
20	817.4	764.5	727.7	706.7	709.1	735.5	812.0	868.6	10- 20	365.0	631.5	63.2, 63.2
30	255.1	235.9	228.6	223.2	221.2	225.7	254.2	280.9	20- 30	208.5	840.0	84.1, 84.1
40	89.78	83.40	82.01	79.38	77.20	79.55	90.26	99.94	30- 40	90.04	930.1	93.1, 93.1
50	29.00	27.60	27.74	26.75	25.90	26.44	29.20	32.35	40- 50	38.12	968.2	96.9, 96.9
60	6.426	6.210	5.695	5.075	4.901	4.970	5.691	6.320	50- 60	13.25	981.4	98.2, 98.2
70	0.3999	0.4000	0.3817	0.4138	0.3073	0.2800	0.3442	0.3442	60- 70	1.698	983.1	98.4, 98.4
80	0	0	0	0	0	0	0	0	70- 80	0.1006	983.2	98.4, 98.4
90	0	0	0	0	0	0	0	0	80- 90	0	983.2	98.4, 98.4
100	0	0	0	0	0.0276	0.0185	0.0139	0.0139	90-100	0.0006	983.2	98.4, 98.4
110	0.0549	0.0549	0.0596	0.0732	0.1657	0.1564	0.1563	0.1426	100-110	0.0414	983.3	98.4, 98.4
120	0.3485	0.3532	0.3989	0.4448	0.5611	0.5289	0.5151	0.4967	110-120	0.2480	983.5	98.4, 98.4
130	1.170	1.184	1.308	1.413	1.564	1.476	1.426	1.389	120-130	0.7463	984.3	98.5, 98.5
140	3.098	3.171	3.428	3.639	3.932	3.725	3.573	3.486	130-140	1.752	986.0	98.7, 98.7
150	6.739	6.849	7.400	7.621	8.096	7.788	7.512	7.300	140-150	3.285	989.3	99, 99
160	11.74	11.79	12.69	12.74	13.39	13.02	12.94	12.28	150-160	4.540	993.8	99.4, 99.4
170	15.13	15.04	15.48	15.86	16.06	15.88	15.67	15.32	160-170	4.054	997.9	99.9, 99.9
180	15.93	16.29	15.79	16.35	15.95	16.32	15.81	16.31	170-180	1.497	999.4	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	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	39	22
70	352	336
65	818	646
60	3871	3431
55	7937	7175
50	13591	12998
45	20664	19541

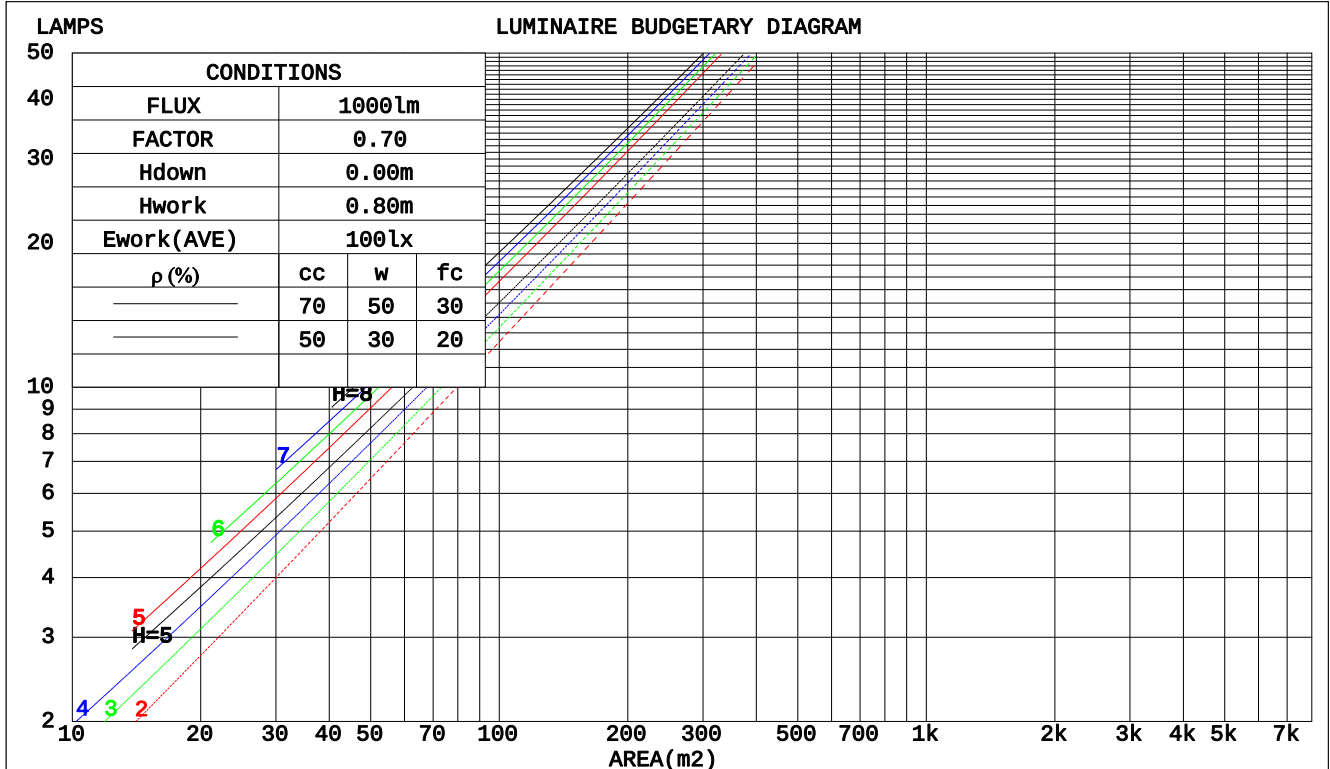
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.12	1.09	1.08	1.09	1.07	1.06	1.05	1.04	1.02	1.01	.99	.99	.97	.97	.96	.94
2.0	1.05	1.02	.99	1.03	1.00	.98	1.00	.98	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.96	.92	.98	.94	.91	.95	.92	.90	.93	.90	.88	.91	.88	.87	.85
4.0	.95	.90	.87	.94	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.83	.81
5.0	.90	.85	.82	.89	.85	.82	.87	.84	.81	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.79	.76	.73	.78	.75	.73	.71
8.0	.79	.74	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.69
9.0	.76	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
10.0	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.71	.67	.65	.64



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm					
NAME: DL3017-BKTC12C02			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	.154	.088	.028	.147	.084	.027	.134	.077	.024	.121	.070	.022	.110	.064	.021	
2.0	.145	.080	.024	.139	.077	.024	.128	.071	.022	.118	.066	.021	.108	.061	.019	
3.0	.137	.073	.022	.132	.071	.021	.122	.066	.020	.114	.062	.019	.105	.058	.018	
4.0	.129	.067	.020	.125	.065	.019	.117	.062	.019	.109	.059	.018	.102	.056	.017	
5.0	.123	.062	.018	.119	.061	.018	.112	.058	.017	.105	.055	.016	.099	.053	.016	
6.0	.116	.058	.017	.113	.057	.016	.107	.055	.016	.101	.052	.015	.096	.050	.015	
7.0	.111	.055	.016	.108	.054	.015	.102	.052	.015	.097	.050	.014	.092	.048	.014	
8.0	.106	.052	.015	.103	.051	.014	.098	.049	.014	.094	.047	.014	.089	.046	.013	
9.0	.101	.049	.014	.099	.048	.013	.094	.047	.013	.090	.045	.013	.086	.044	.013	
10.0	.097	.046	.013	.095	.046	.013	.091	.044	.013	.087	.043	.012	.083	.042	.012	

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	.159	.156	.146	.137	.106	.100	.095	.061	.058	.055	.020	.019	.018	
2.0	.165	.145	.128	.142	.125	.111	.097	.086	.077	.056	.050	.045	.018	.016	.015	
3.0	.151	.126	.106	.130	.109	.092	.089	.075	.064	.051	.044	.038	.017	.014	.012	
4.0	.140	.111	.089	.120	.096	.077	.083	.067	.054	.048	.039	.032	.015	.013	.011	
5.0	.130	.099	.076	.112	.086	.066	.077	.060	.047	.045	.035	.028	.014	.011	.009	
6.0	.122	.089	.066	.105	.077	.057	.072	.054	.041	.042	.032	.024	.014	.010	.008	
7.0	.115	.081	.058	.099	.071	.051	.068	.049	.036	.040	.029	.021	.013	.010	.007	
8.0	.109	.075	.052	.094	.065	.045	.065	.046	.032	.038	.027	.019	.012	.009	.006	
9.0	.103	.069	.047	.089	.060	.041	.062	.042	.029	.036	.025	.017	.012	.008	.006	
10.0	.098	.065	.042	.085	.056	.037	.059	.040	.026	.034	.023	.016	.011	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm										
NAME: DL3017-BKTC12C02					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	15.7	16.5	15.9	16.6	16.8	15.5	16.2	15.7	16.4	16.6
3H	15.5	16.2	15.8	16.5	16.7	15.3	16.0	15.6	16.2	16.5
4H	15.5	16.1	15.7	16.4	16.6	15.2	15.9	15.5	16.1	16.4
6H	15.4	16.0	15.7	16.3	16.5	15.1	15.8	15.5	16.0	16.3
8H	15.3	15.9	15.6	16.2	16.5	15.1	15.7	15.4	16.0	16.3
12H	15.3	15.8	15.6	16.1	16.4	15.1	15.6	15.4	15.9	16.2
4H 2H	15.5	16.2	15.8	16.4	16.7	15.3	16.0	15.6	16.2	16.4
3H	15.3	15.9	15.7	16.2	16.5	15.1	15.7	15.4	16.0	16.3
4H	15.2	15.8	15.6	16.1	16.4	15.0	15.5	15.4	15.9	16.2
6H	15.1	15.6	15.5	15.9	16.3	14.9	15.4	15.3	15.7	16.1
8H	15.1	15.5	15.5	15.9	16.3	14.9	15.3	15.3	15.7	16.1
12H	15.0	15.4	15.4	15.8	16.2	14.8	15.2	15.2	15.6	16.0
8H 4H	15.1	15.5	15.5	15.9	16.3	14.9	15.3	15.3	15.7	16.1
6H	14.9	15.3	15.4	15.7	16.2	14.7	15.1	15.2	15.5	16.0
8H	14.9	15.2	15.4	15.6	16.1	14.7	15.0	15.2	15.4	15.9
12H	14.8	15.1	15.3	15.6	16.1	14.6	14.9	15.1	15.4	15.9
12H 4H	15.0	15.4	15.4	15.8	16.2	14.8	15.2	15.2	15.6	16.0
6H	14.9	15.2	15.4	15.6	16.1	14.7	15.0	15.2	15.4	15.9
8H	14.8	15.1	15.3	15.6	16.1	14.6	14.9	15.1	15.4	15.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.8 / - 7.1					+ 2.6 / - 7.5				
1.5H	+ 3.9 / - 4.7					+ 3.7 / - 4.8				
2.0H	+ 4.8 / -11.1					+ 4.6 / -11.4				

CIE Pub.117, 999.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.0)
Area: 0.00332 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

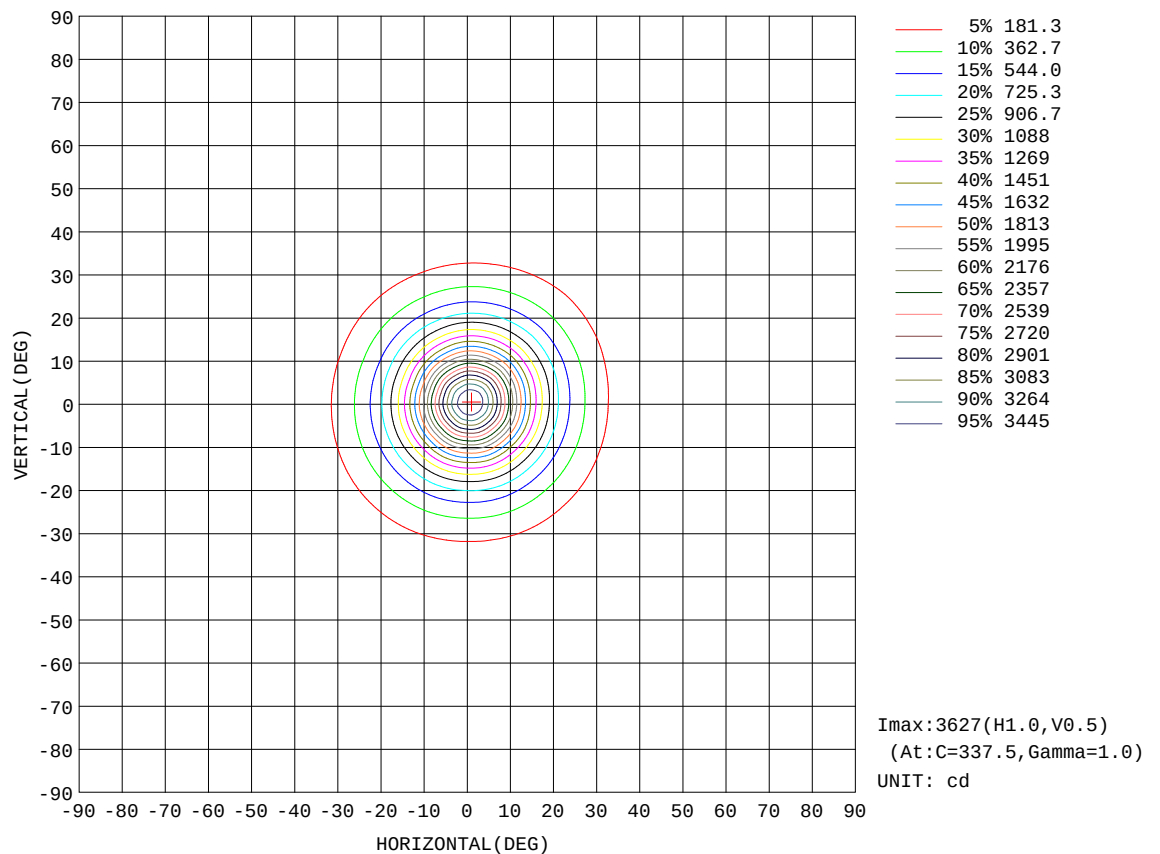
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	106	104	97
5.00	115	112	111	112	111	109	108	107	106	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:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

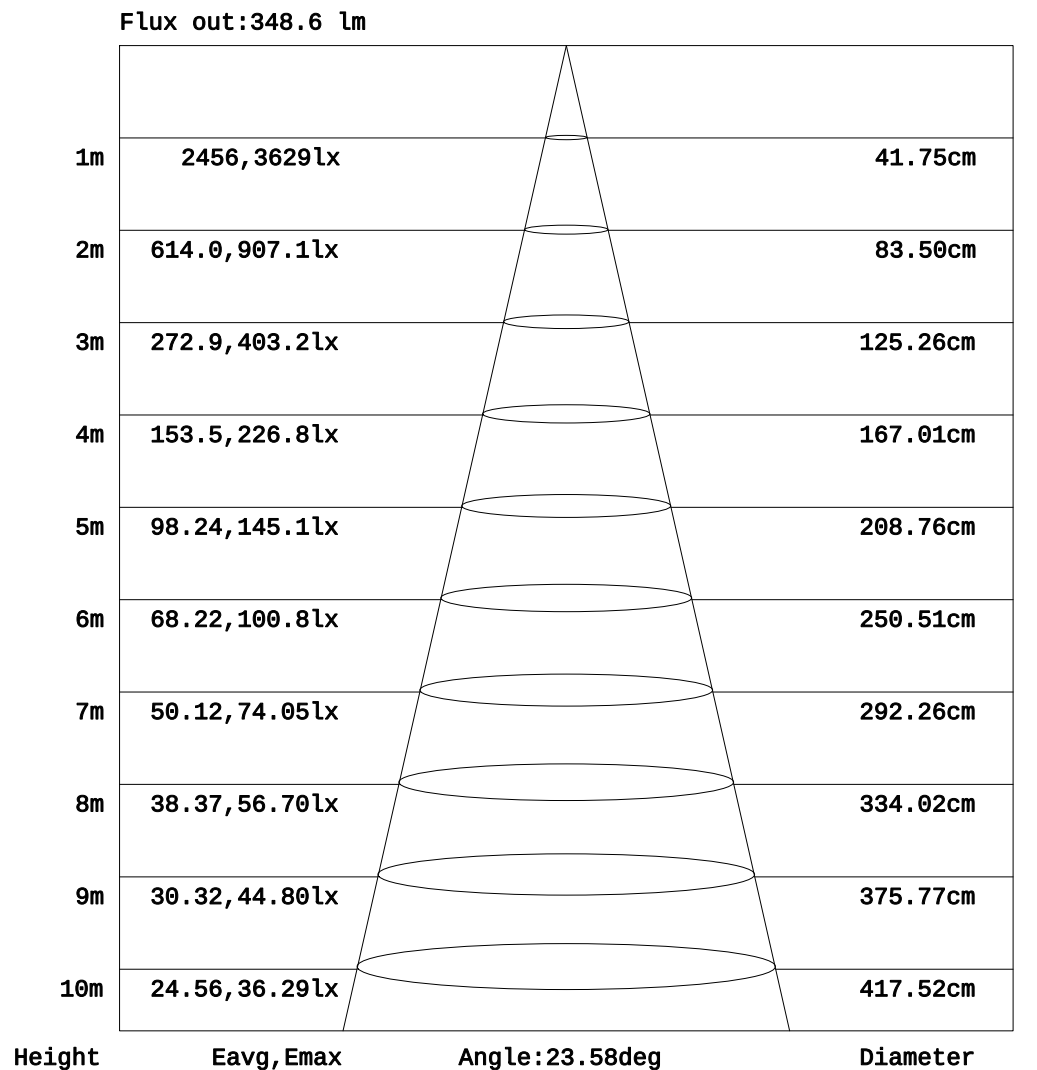


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



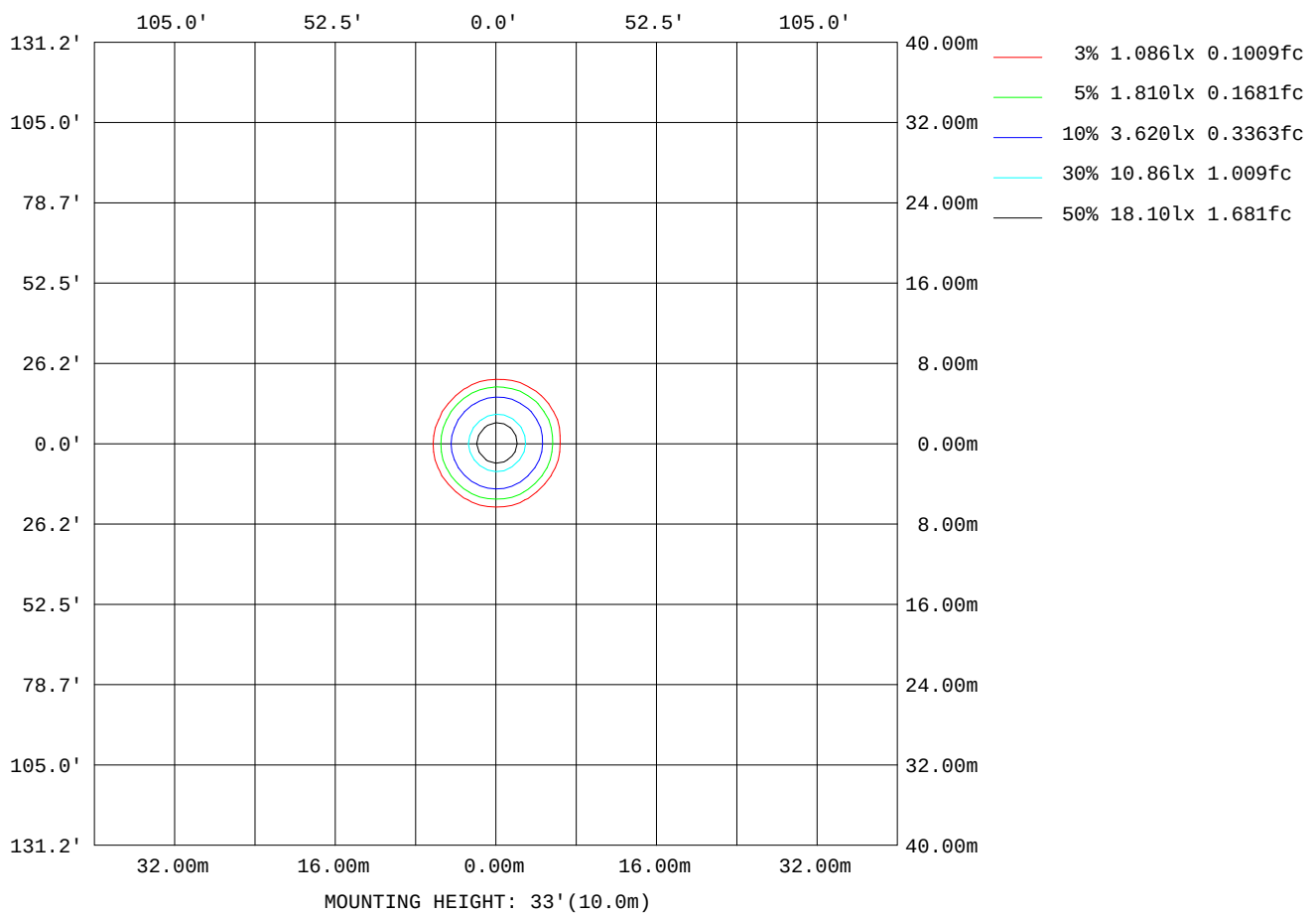
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	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:2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

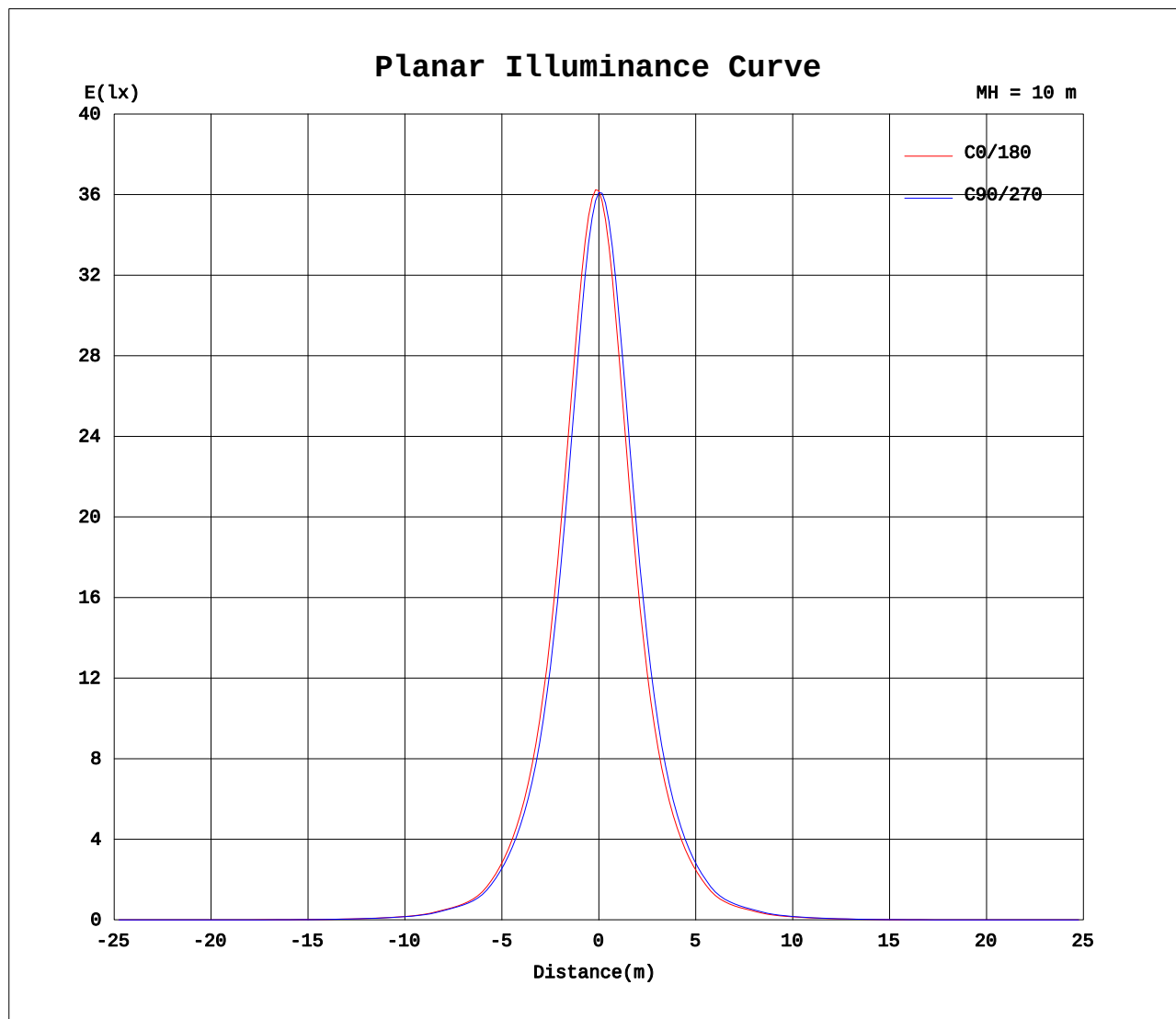
AvgL	cd/m2
L_0~180(65)av	665
L_0~180(75)av	19
L_0~180(85)av	0
L_90~270(65)av	640
L_90~270(75)av	11
L_90~270(85)av	0
L_45(65)av	686
L_45(75)av	10
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2025-06-02

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: 2025-06-02

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:231.08V I:0.0600A P:13.535W PF:0.9755 Freq:49.99Hz Lamp Flux:999.39x1 lm		
NAME: DL3017-BKTC12C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

Table--1

UNIT: cd

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			
γ (°)	0	3620	3614	3614	3611	3611	3613	3614	3617	3620	3614	3614	3611	3611	3613	3614	3617		
5	3247	3218	3150	3116	3048	3024	2989	2995	3020	3033	3103	3137	3212	3250	3293	3283			
10	2281	2252	2168	2132	2058	2039	1993	2001	2027	2032	2108	2157	2257	2301	2355	2332			
15	1392	1368	1319	1289	1245	1224	1197	1199	1210	1215	1263	1315	1386	1426	1468	1441			
20	817	794	765	752	728	722	707	706	709	708	736	767	812	845	869	855			
25	473	457	442	439	427	425	416	414	413	409	424	442	471	492	508	499			
30	255	244	236	235	229	228	223	223	221	216	226	237	254	267	281	274			
35	145	136	134	136	135	134	132	130	127	124	129	137	145	151	158	155			
40	89.8	85.3	83.4	84.4	82.0	80.6	79.4	78.9	77.2	75.2	79.6	84.2	90.3	94.8	99.9	98.0			
45	48.5	46.0	45.3	46.1	45.9	45.7	45.1	44.5	43.6	42.8	44.3	46.5	49.5	52.1	54.9	53.4			
50	29.0	28.0	27.6	27.9	27.7	27.4	26.8	26.3	25.9	25.4	26.4	27.6	29.2	30.4	32.3	31.6			
55	15.1	14.9	14.3	14.3	13.7	13.3	12.7	12.5	12.3	12.1	12.6	13.1	14.2	14.9	16.1	16.1			
60	6.43	6.45	6.21	6.11	5.70	5.42	5.07	5.00	4.90	4.80	4.97	5.22	5.69	6.03	6.32	6.45			
65	1.15	1.22	1.10	1.05	0.91	0.80	0.84	0.78	0.72	0.77	0.72	0.84	0.89	0.98	1.19	1.21			
70	0.40	0.36	0.40	0.36	0.38	0.34	0.41	0.36	0.31	0.33	0.28	0.36	0.34	0.40	0.34	0.40			
75	0.03	0.00	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02			
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	0.03	0.00	0.02	0.00	0.01	0.00	0.01	0.00			
105	0.00	0.02	0.00	0.03	0.00	0.04	0.00	0.04	0.08	0.04	0.07	0.02	0.07	0.01	0.07	0.01			
110	0.05	0.09	0.05	0.10	0.06	0.11	0.07	0.12	0.17	0.12	0.16	0.12	0.16	0.11	0.14	0.10			
115	0.16	0.20	0.16	0.22	0.20	0.25	0.21	0.26	0.32	0.28	0.30	0.26	0.29	0.24	0.28	0.23			
120	0.35	0.39	0.35	0.42	0.40	0.47	0.44	0.49	0.56	0.50	0.53	0.49	0.52	0.46	0.50	0.45			
125	0.66	0.69	0.67	0.74	0.74	0.83	0.82	0.86	0.96	0.88	0.89	0.85	0.87	0.81	0.83	0.79			
130	1.17	1.19	1.18	1.27	1.31	1.40	1.41	1.45	1.56	1.47	1.48	1.41	1.43	1.37	1.39	1.34			
135	1.94	1.94	1.97	2.07	2.16	2.27	2.32	2.33	2.54	2.42	2.38	2.30	2.29	2.23	2.23	2.18			
140	3.10	3.09	3.17	3.28	3.43	3.55	3.64	3.64	3.93	3.81	3.72	3.64	3.57	3.52	3.49	3.45			
145	4.70	4.68	4.79	4.96	5.20	5.32	5.42	5.41	5.80	5.67	5.54	5.43	5.32	5.25	5.18	5.15			
150	6.74	6.69	6.85	7.07	7.40	7.51	7.62	7.63	8.10	7.94	7.79	7.70	7.51	7.43	7.30	7.25			
155	9.16	9.10	9.27	9.60	10.0	10.1	10.2	10.2	10.8	10.5	10.4	10.4	10.2	10.0	9.75	9.68			
160	11.7	11.7	11.8	12.2	12.7	12.7	12.7	12.9	13.4	13.2	13.0	13.1	12.9	12.7	12.3	12.2			
165	13.9	13.8	13.9	14.3	14.7	14.8	14.9	15.1	15.4	15.2	15.0	15.2	15.2	14.8	14.3	14.2			
170	15.1	15.1	15.0	15.4	15.5	15.7	15.9	16.3	16.1	16.1	15.9	15.8	15.7	15.5	15.3	15.3			
175	15.5	15.4	15.5	15.4	15.2	15.5	16.1	16.3	15.8	16.1	16.1	15.7	15.3	15.5	15.7	15.6			
180	15.9	15.9	16.3	15.8	15.8	15.7	16.4	16.1	15.9	15.9	16.3	15.8	15.8	15.7	16.3	16.1			

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