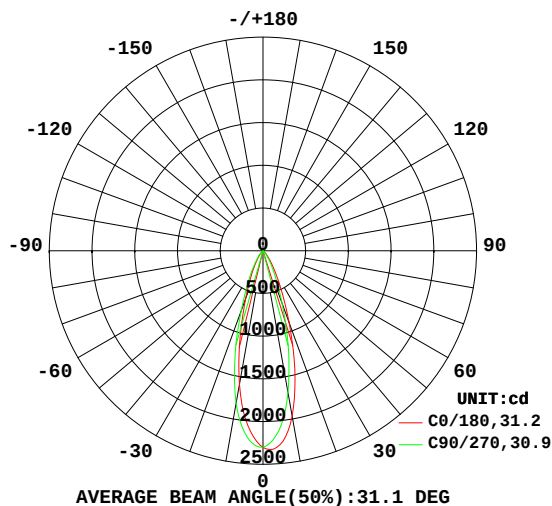


LUMINAIRE PHOTOMETRIC TEST REPORT

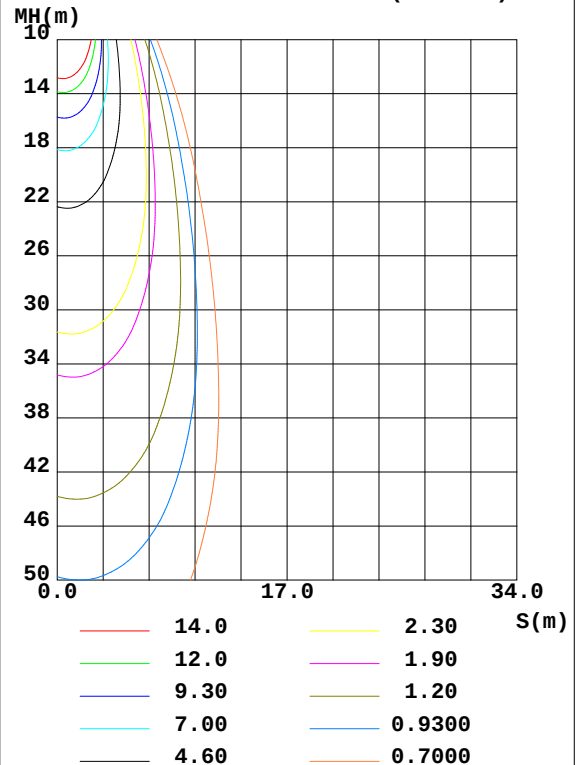
Test:U:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.93 lm/W			
MODEL	TB15111204 5000K	I _{max} (cd)	2329	S/MH(C0/180)	0.47
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	843.23	η UP, DN(C0-180)	0.8, 48.1
NOMINAL FLUX(lm)	843.233	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.3
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:

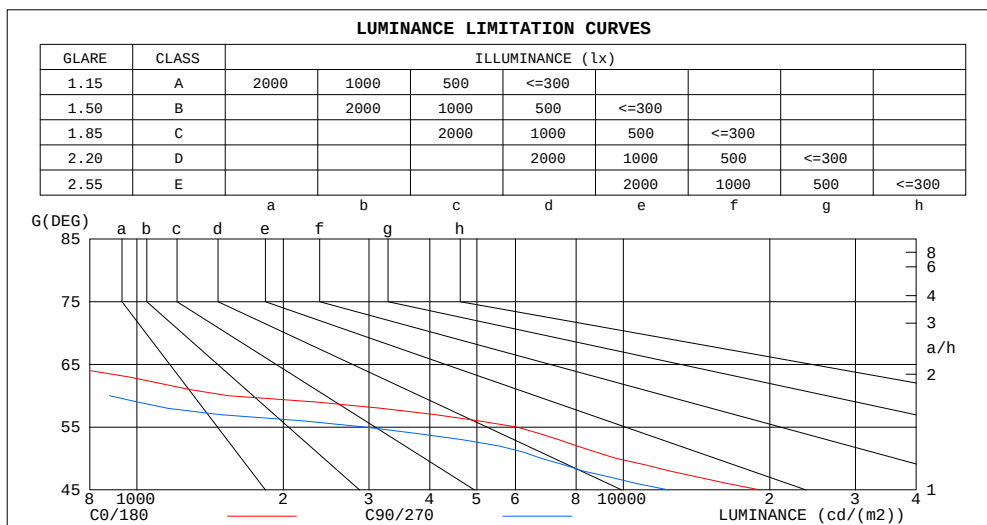
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1968	1826	1683	1581	1590	1671	1812	1963	0- 10	193.2	193.2	22.9,22.9
20	892.6	751.6	654.0	587.5	592.9	632.0	746.2	893.1	10- 20	331.2	524.3	62.2,62.2
30	288.3	223.8	196.7	177.0	188.1	191.3	240.7	292.0	20- 30	190.2	714.6	84.7,84.7
40	84.57	69.25	59.75	51.53	55.80	57.43	71.54	81.93	30- 40	79.56	794.1	94.2,94.2
50	20.62	16.17	14.48	14.01	14.16	14.78	18.42	21.89	40- 50	27.74	821.9	97.5,97.5
60	2.555	2.025	1.459	1.188	1.388	1.723	2.036	2.690	50- 60	7.198	829.1	98.3,98.3
70	0.1800	0.1426	0.1381	0.1104	0.0501	0.0640	0.0780	0.1424	60- 70	0.6795	829.7	98.4,98.4
80	0	0	0	0	0	0	0	0	70- 80	0.0289	829.8	98.4,98.4
90	0	0	0	0	0	0	0	0	80- 90	0	829.8	98.4,98.4
100	0	0	0	0	0.0046	0	0	0	90-100	0.0000	829.8	98.4,98.4
110	0	0	0.0136	0.0547	0.1335	0.0967	0.0782	0.0690	100-110	0.0150	829.8	98.4,98.4
120	0.1971	0.2202	0.2844	0.3669	0.5061	0.4094	0.3496	0.3129	110-120	0.1647	829.9	98.4,98.4
130	0.8759	0.9174	1.106	1.308	1.532	1.316	1.123	1.030	120-130	0.6001	830.5	98.5,98.5
140	2.432	2.547	2.974	3.396	3.789	3.334	2.929	2.722	130-140	1.504	832.1	98.7,98.7
150	5.408	5.633	6.354	6.983	7.521	6.882	6.257	5.852	140-150	2.824	834.9	99,99
160	9.381	9.551	10.63	10.94	11.54	10.99	10.56	9.784	150-160	3.846	838.7	99.5,99.5
170	12.04	11.97	12.48	12.87	13.14	12.90	12.49	12.22	160-170	3.280	842.0	99.9,99.9
180	13.66	13.86	13.43	13.96	13.69	13.87	13.43	13.96	170-180	1.232	843.2	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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 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	54	0
70	158	122
65	641	276
60	1539	879
55	6038	2941
50	9662	6784
45	19097	12385

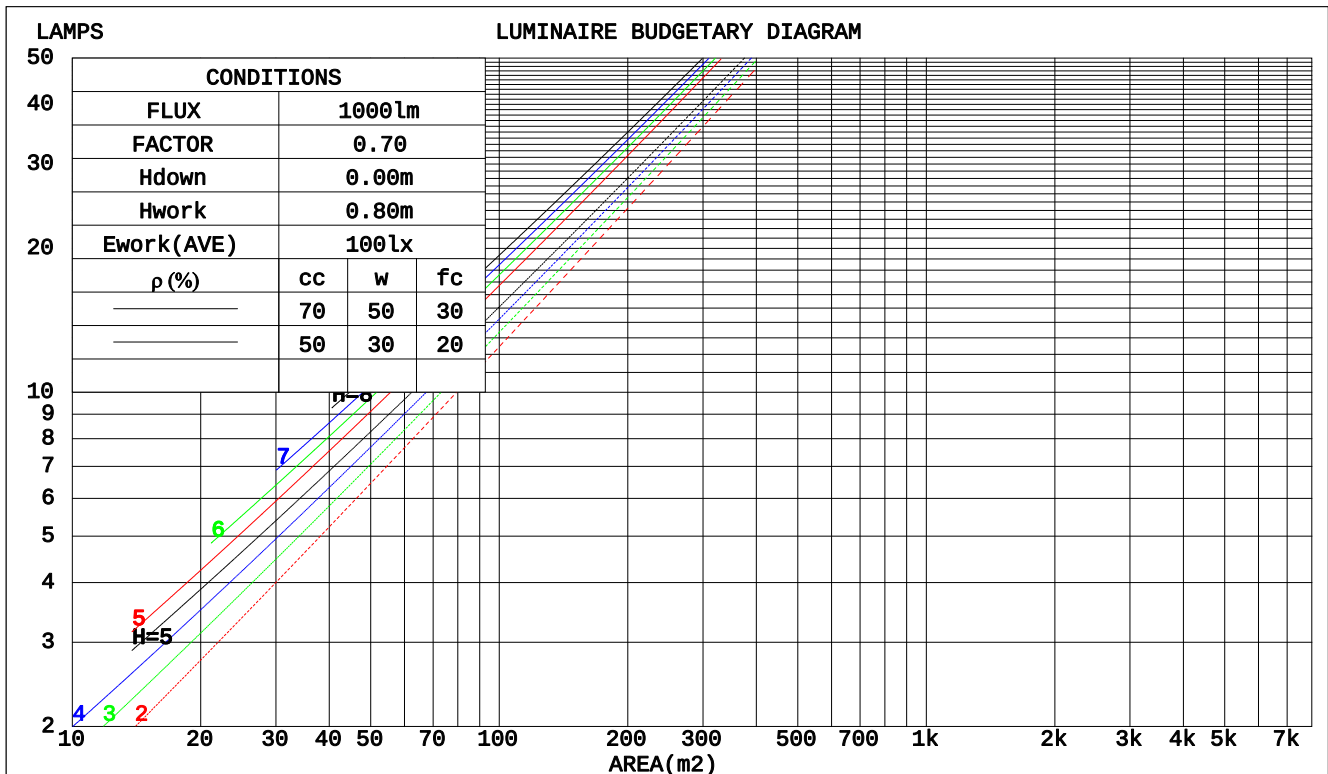
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 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	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.99	.99	.97	.96	.96	.94
2.0	1.05	1.02	.99	1.03	1.00	.98	.99	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.90	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.90	.86	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.68
9.0	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65
10.0	.73	.68	.65	.72	.68	.65	.71	.67	.64	.71	.67	.64	.70	.66	.64	.63



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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm					
NAME: DL1542-BKTC10C02			TYPE:		WEIGHT:
SPEC.: black 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	.155	.088	.028	.148	.085	.027	.135	.077	.025	.123	.071	.023	.111	.064	.021	
2.0	.146	.080	.025	.141	.077	.024	.129	.072	.022	.119	.067	.021	.109	.062	.020	
3.0	.138	.074	.022	.133	.071	.021	.124	.067	.020	.115	.063	.019	.107	.059	.018	
4.0	.131	.068	.020	.126	.066	.020	.118	.063	.019	.111	.059	.018	.103	.056	.017	
5.0	.124	.063	.018	.120	.062	.018	.113	.059	.017	.106	.056	.017	.100	.054	.016	
6.0	.118	.059	.017	.115	.058	.017	.108	.056	.016	.102	.053	.016	.097	.051	.015	
7.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	.094	.049	.014	
8.0	.107	.052	.015	.105	.052	.015	.100	.050	.014	.095	.048	.014	.091	.047	.014	
9.0	.103	.050	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.088	.045	.013	
10.0	.099	.047	.013	.096	.047	.013	.092	.045	.013	.089	.044	.013	.085	.043	.012	

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	.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	.152	.126	.105	.130	.109	.091	.089	.075	.064	.052	.044	.038	.017	.014	.012	
4.0	.140	.111	.088	.120	.096	.077	.083	.067	.054	.048	.039	.032	.015	.013	.011	
5.0	.131	.099	.076	.112	.086	.066	.077	.060	.046	.045	.035	.028	.014	.011	.009	
6.0	.122	.089	.065	.105	.077	.057	.073	.054	.040	.042	.032	.024	.014	.010	.008	
7.0	.115	.081	.058	.099	.071	.050	.069	.049	.036	.040	.029	.021	.013	.010	.007	
8.0	.109	.075	.051	.094	.065	.045	.065	.046	.032	.038	.027	.019	.012	.009	.006	
9.0	.104	.069	.046	.090	.060	.040	.062	.042	.029	.036	.025	.017	.012	.008	.006	
10.0	.099	.065	.042	.086	.056	.037	.059	.040	.026	.035	.023	.016	.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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 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	16.5	17.3	16.8	17.5	17.7	14.8	15.6	15.1	15.8	16.0
3H	16.4	17.1	16.6	17.3	17.5	14.7	15.4	14.9	15.6	15.8
4H	16.3	17.0	16.6	17.2	17.4	14.6	15.3	14.9	15.5	15.7
6H	16.2	16.8	16.5	17.1	17.4	14.5	15.1	14.8	15.4	15.7
8H	16.1	16.8	16.5	17.0	17.3	14.5	15.1	14.8	15.3	15.6
12H	16.1	16.7	16.4	17.0	17.3	14.4	15.0	14.7	15.3	15.6
4H 2H	16.3	17.0	16.6	17.2	17.5	14.6	15.3	14.9	15.5	15.8
3H	16.1	16.7	16.4	17.0	17.3	14.4	15.0	14.8	15.3	15.6
4H	16.0	16.5	16.4	16.9	17.2	14.3	14.9	14.7	15.2	15.5
6H	15.9	16.4	16.3	16.7	17.1	14.2	14.7	14.6	15.1	15.4
8H	15.9	16.3	16.3	16.7	17.1	14.2	14.6	14.6	15.0	15.4
12H	15.8	16.2	16.2	16.6	17.0	14.1	14.5	14.5	14.9	15.3
8H 4H	15.9	16.3	16.3	16.7	17.1	14.2	14.6	14.6	15.0	15.4
6H	15.7	16.1	16.2	16.5	17.0	14.1	14.4	14.5	14.8	15.3
8H	15.7	16.0	16.1	16.4	16.9	14.0	14.3	14.5	14.8	15.2
12H	15.6	15.9	16.1	16.4	16.9	13.9	14.2	14.4	14.7	15.2
12H 4H	15.8	16.2	16.2	16.6	17.0	14.1	14.5	14.5	14.9	15.3
6H	15.7	16.0	16.1	16.4	16.9	14.0	14.3	14.5	14.8	15.2
8H	15.6	15.9	16.1	16.4	16.9	13.9	14.2	14.4	14.7	15.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.4 / -10.5					+ 2.5 / -13.7				
1.5H	+ 5.0 / - 7.5					+ 4.1 / - 7.6				
2.0H	+ 6.4 / -13.9					+ 5.7 / -13.7				

CIE Pub.117, 843.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.6)
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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

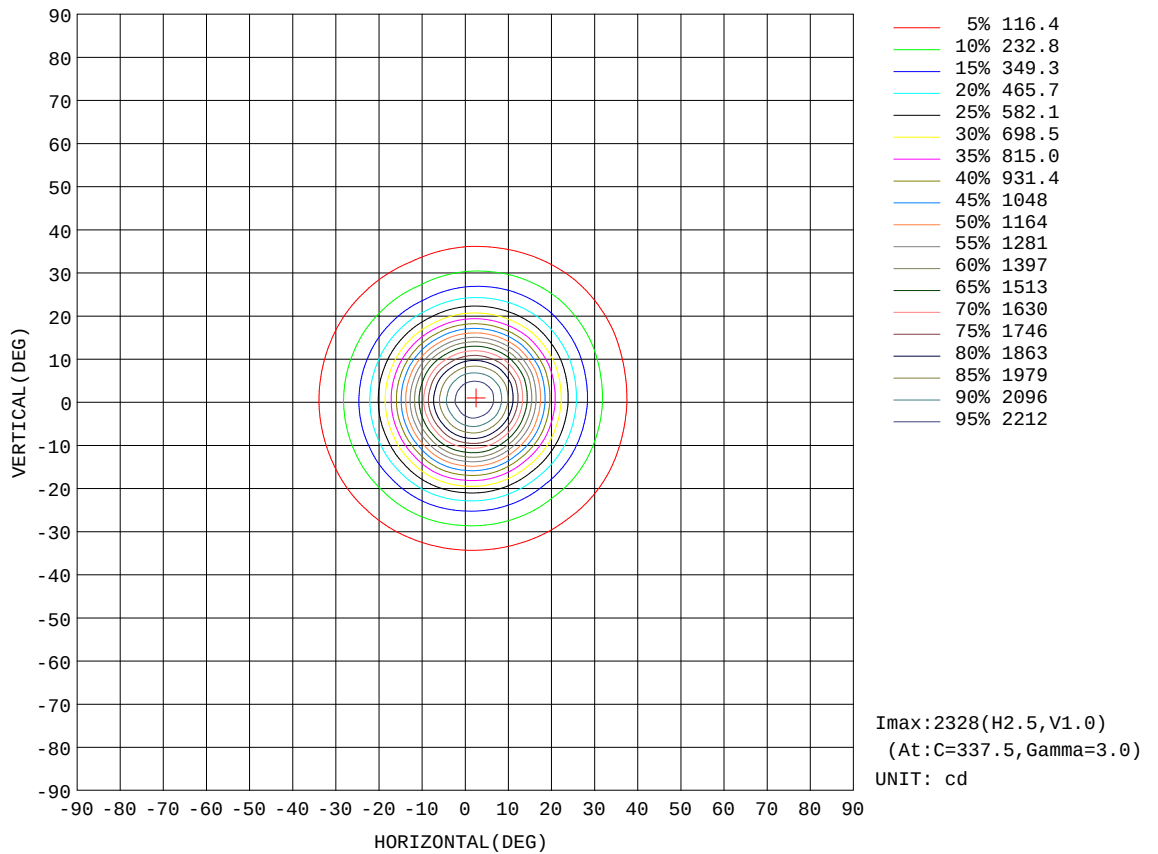
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	86	81	78	74
0.80	95	90	86	94	89	86	93	88	85	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	109	105	101	107	103	101	104	101	99	93
2.50	110	106	104	108	105	103	105	103	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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

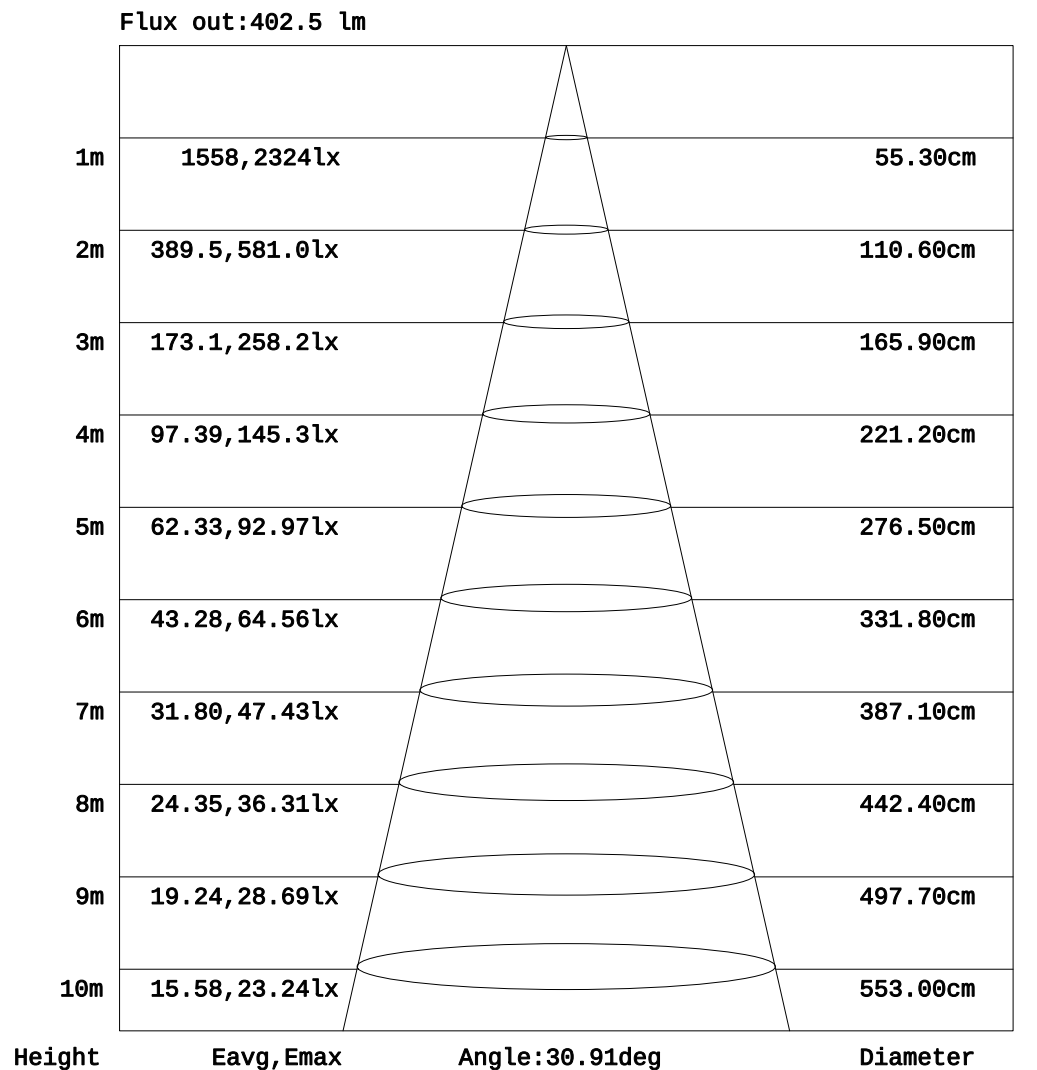


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-18

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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:



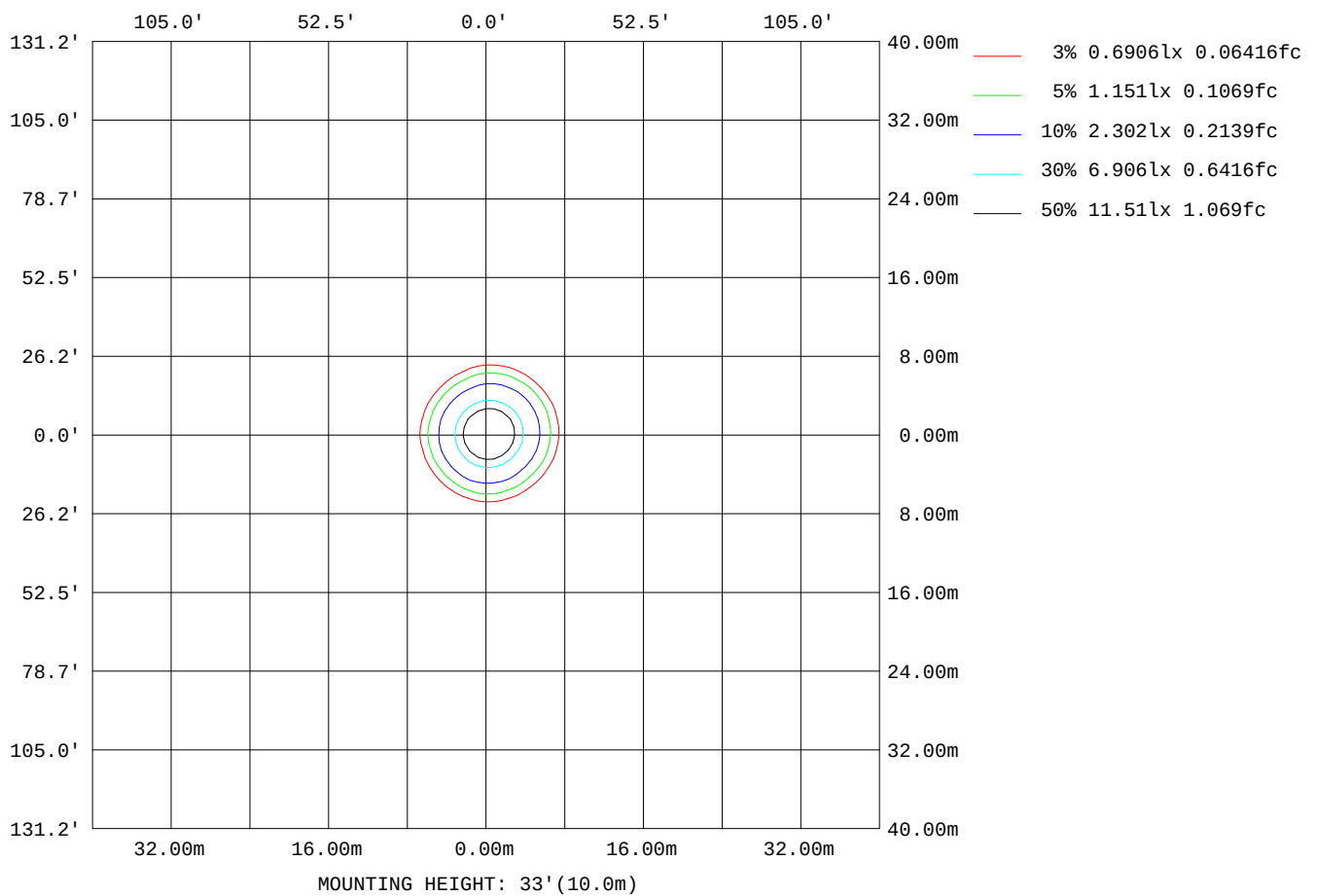
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 lm		
NAME: DL1542-BKTC10C02	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 65mm	Shielding Angle:

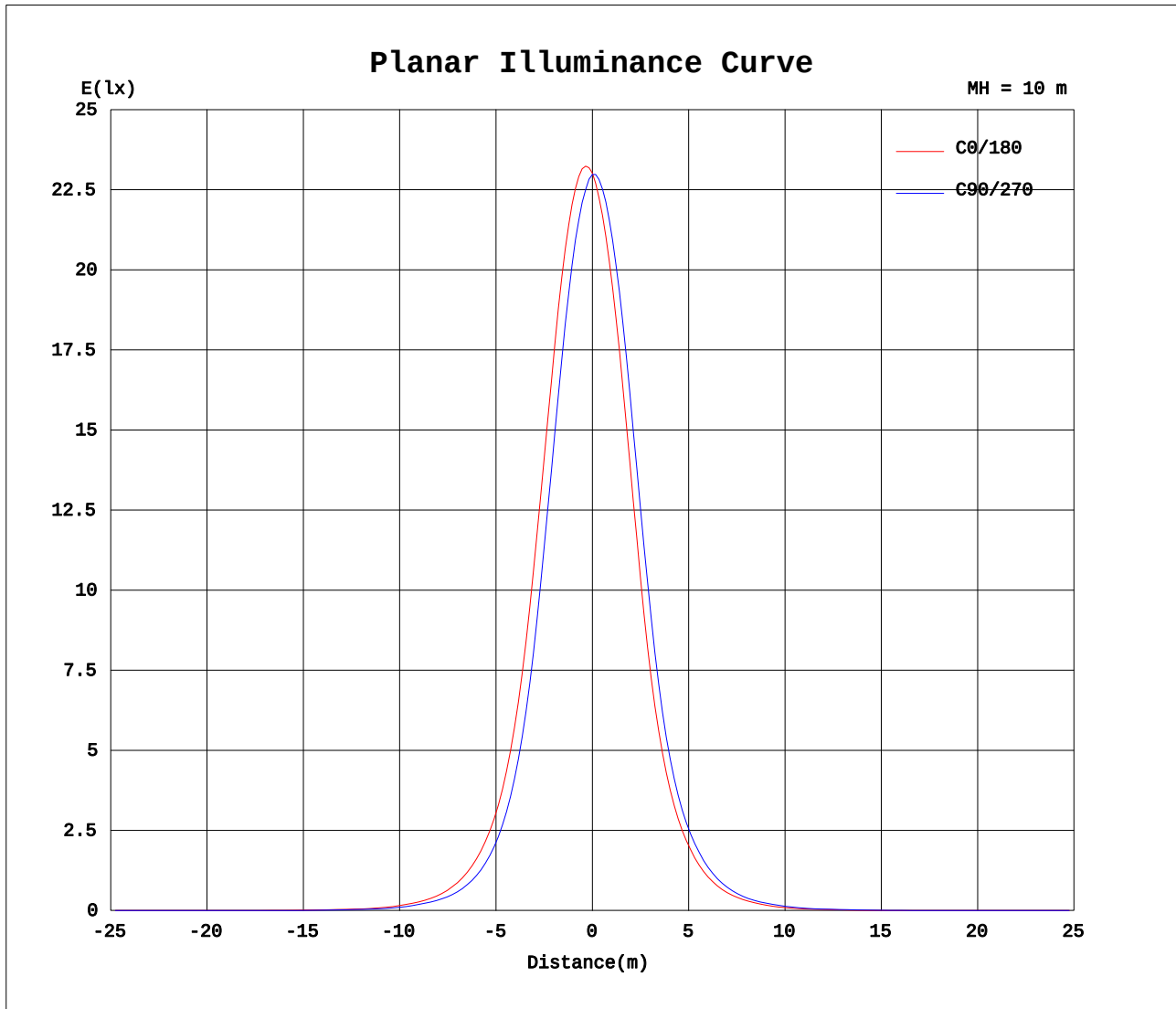
AvgL	cd/m2
L_0~180(65)av	412
L_0~180(75)av	27
L_0~180(85)av	0
L_90~270(65)av	358
L_90~270(75)av	0
L_90~270(85)av	0
L_45(65)av	377
L_45(75)av	0
L_45(85)av	0

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:231.87V I:0.0484A P:10.683W PF:0.9519 Freq:49.99Hz Lamp Flux:843.233x1 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	2302	2298	2296	2298	2298	2298	2294	2300	2302	2298	2296	2298	2298	2298	2294	2300			
5	2280	2249	2202	2164	2118	2080	2047	2041	2051	2062	2097	2134	2182	2226	2265	2288			
10	1968	1907	1826	1759	1683	1633	1581	1570	1590	1613	1671	1726	1812	1890	1963	1995			
15	1440	1363	1275	1208	1137	1086	1028	1015	1030	1059	1112	1174	1266	1363	1453	1484			
20	893	834	752	701	654	624	588	576	593	606	632	673	746	816	893	924			
25	508	465	407	381	359	345	326	327	336	337	347	369	421	467	510	526			
30	288	259	224	210	197	188	177	180	188	188	191	204	241	269	292	297			
35	158	142	122	114	107	99.2	94.0	95.4	102	102	103	111	132	145	157	163			
40	84.6	78.3	69.2	64.5	59.8	55.0	51.5	52.4	55.8	56.4	57.4	61.9	71.5	77.5	81.9	85.5			
45	44.8	41.4	35.7	32.2	29.1	26.0	24.2	25.0	26.2	26.8	29.0	32.2	38.3	41.3	43.7	45.5			
50	20.6	18.5	16.2	14.7	14.5	14.4	14.0	14.1	14.2	13.8	14.8	15.6	18.4	20.5	21.9	22.3			
55	11.5	9.73	7.66	6.46	5.60	5.13	4.49	4.40	4.80	5.15	6.05	7.01	8.95	10.9	12.2	12.5			
60	2.55	2.18	2.03	1.73	1.46	1.25	1.19	1.22	1.39	1.51	1.72	1.96	2.04	2.30	2.69	2.97			
65	0.90	0.77	0.65	0.48	0.39	0.27	0.26	0.21	0.26	0.31	0.34	0.51	0.62	0.80	0.86	0.93			
70	0.18	0.12	0.14	0.09	0.14	0.07	0.11	0.05	0.05	0.12	0.06	0.12	0.08	0.15	0.14	0.18			
75	0.05	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	0.06			
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	0.00	0.00	0.01	0.00	0.02	0.05	0.00	0.03	0.00	0.02	0.00	0.01	0.00			
110	0.00	0.04	0.00	0.05	0.01	0.07	0.05	0.08	0.13	0.07	0.10	0.05	0.08	0.02	0.07	0.02			
115	0.06	0.11	0.07	0.13	0.13	0.18	0.16	0.22	0.27	0.20	0.22	0.15	0.18	0.13	0.17	0.14			
120	0.20	0.25	0.22	0.29	0.28	0.38	0.37	0.43	0.51	0.42	0.41	0.34	0.35	0.28	0.31	0.27			
125	0.44	0.50	0.49	0.57	0.60	0.71	0.73	0.80	0.92	0.80	0.76	0.65	0.64	0.56	0.59	0.55			
130	0.88	0.91	0.92	1.03	1.11	1.25	1.31	1.46	1.53	1.40	1.32	1.17	1.12	1.03	1.03	1.01			
135	1.49	1.54	1.57	1.71	1.86	2.04	2.17	2.35	2.47	2.30	2.13	1.95	1.85	1.74	1.71	1.67			
140	2.43	2.47	2.55	2.74	2.97	3.22	3.40	3.50	3.79	3.58	3.33	3.10	2.93	2.79	2.72	2.68			
145	3.74	3.77	3.90	4.13	4.53	4.78	5.02	5.13	5.49	5.24	4.92	4.65	4.42	4.22	4.09	4.06			
150	5.41	5.42	5.63	5.92	6.35	6.70	6.98	7.12	7.52	7.23	6.88	6.58	6.26	6.04	5.85	5.80			
155	7.39	7.38	7.60	8.01	8.55	8.87	9.10	9.31	9.74	9.40	9.07	8.82	8.46	8.11	7.86	7.78			
160	9.38	9.36	9.55	10.0	10.6	10.8	10.9	11.1	11.5	11.2	11.0	10.9	10.6	10.2	9.78	9.71			
165	10.9	10.9	11.0	11.5	11.9	12.1	12.2	12.4	12.6	12.4	12.2	12.2	12.1	11.7	11.2	11.2			
170	12.0	12.0	12.0	12.4	12.5	12.7	12.9	13.3	13.1	13.2	12.9	12.6	12.5	12.3	12.2	12.3			
175	12.8	12.8	12.9	12.8	12.7	12.9	13.5	13.7	13.3	13.5	13.5	13.1	12.7	12.9	13.1	12.9			
180	13.7	13.6	13.9	13.5	13.4	13.4	14.0	13.8	13.7	13.6	13.9	13.5	13.4	13.4	14.0	13.7			

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