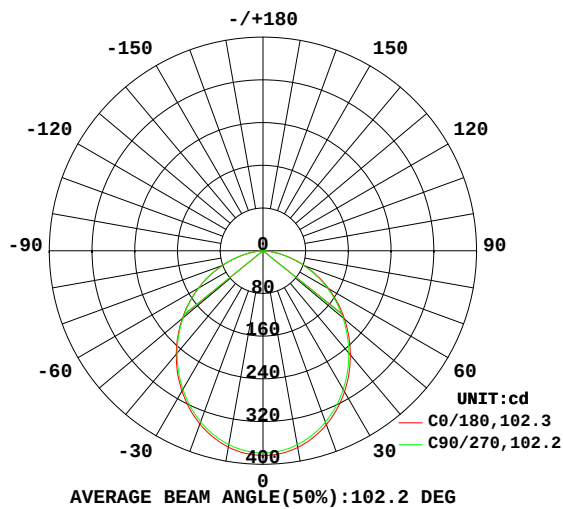


LUMINAIRE PHOTOMETRIC TEST REPORT

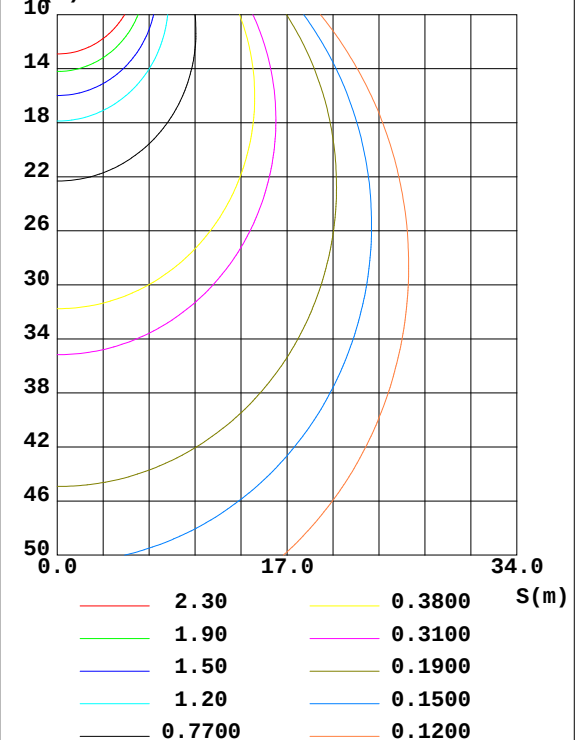
Test:U:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.06 lm/W			
MODEL	2835 24 3000K	I _{max} (cd)	383.3	S/MH(C0/180)	1.19
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	971.56	η UP, DN(C0-180)	0.8, 49.3
NOMINAL FLUX(lm)	971.56	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 49.2
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	98.5	CIBSE SHR MAX	1.35

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: 2025-05-29

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:

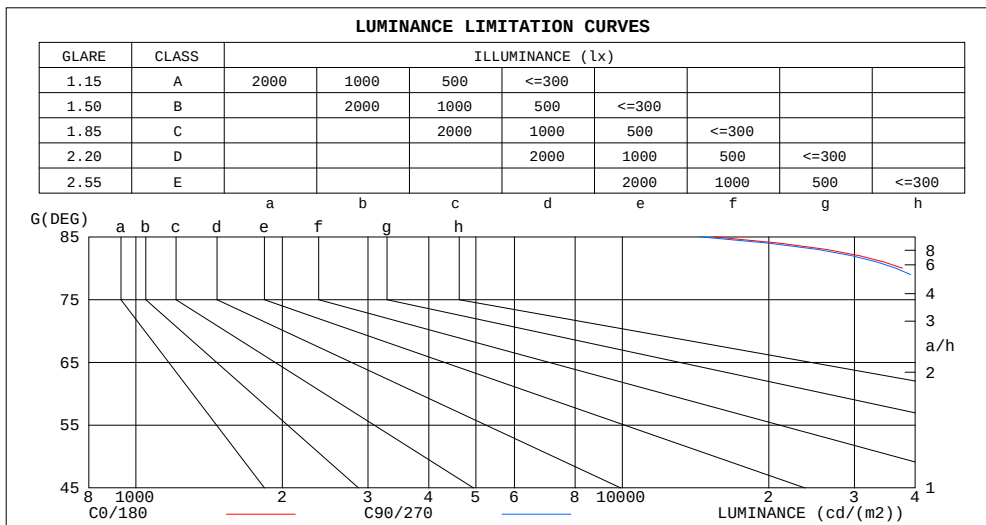
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	374.1	371.2	369.0	367.2	373.5	370.4	368.7	367.8	0- 10	35.76	35.76	3.68,3.68
20	346.8	344.1	341.6	339.4	345.3	342.3	341.2	340.9	10- 20	100.9	136.6	14.1,14.1
30	305.2	302.9	300.3	298.1	303.4	300.6	300.1	300.2	20- 30	148.7	285.3	29.4,29.4
40	254.6	252.6	250.2	247.9	252.7	250.5	250.1	250.8	30- 40	173.0	458.4	47.2,47.2
50	199.4	197.8	195.6	193.2	197.2	195.6	195.6	196.4	40- 50	172.6	631.0	64.9,64.9
60	142.0	141.0	139.0	136.9	139.4	138.4	138.9	139.9	50- 60	150.0	780.9	80.4,80.4
70	83.74	83.05	81.48	79.46	80.99	80.67	81.49	82.40	60- 70	109.2	890.1	91.6,91.6
80	28.91	28.89	28.00	26.48	27.10	27.30	28.13	28.68	70- 80	57.05	947.2	97.5,97.5
90	0.3124	0.3123	0.3169	0.3260	0.4093	0.4047	0.4001	0.3863	80- 90	9.551	956.7	98.5,98.5
100	0.8217	0.8124	0.8261	0.8354	0.9562	0.9378	0.9149	0.8920	90-100	0.6466	957.4	98.5,98.5
110	1.524	1.474	1.511	1.515	1.682	1.636	1.618	1.576	100-110	1.284	958.7	98.7,98.7
120	2.255	2.172	2.195	2.213	2.445	2.366	2.339	2.298	110-120	1.903	960.6	98.9,98.9
130	2.907	2.856	2.880	2.903	3.161	3.065	3.037	2.955	120-130	2.345	962.9	99.1,99.1
140	3.527	3.463	3.509	3.518	3.768	3.689	3.644	3.561	130-140	2.528	965.4	99.4,99.4
150	3.987	3.946	4.028	3.973	4.231	4.195	4.144	4.071	140-150	2.403	967.8	99.6,99.6
160	4.350	4.304	4.437	4.332	4.571	4.502	4.571	4.406	150-160	1.961	969.8	99.8,99.8
170	4.731	4.722	4.768	4.782	4.925	4.847	4.773	4.700	160-170	1.300	971.1	100,100
180	5.140	5.191	5.053	5.131	5.196	5.209	5.076	5.127	170-180	0.4687	971.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	15396	14427
80	37670	36483
75	48497	47066
70	55391	53901
65	60442	58949
60	64249	62895
55	67396	65977
50	70194	68842
45	72755	71413

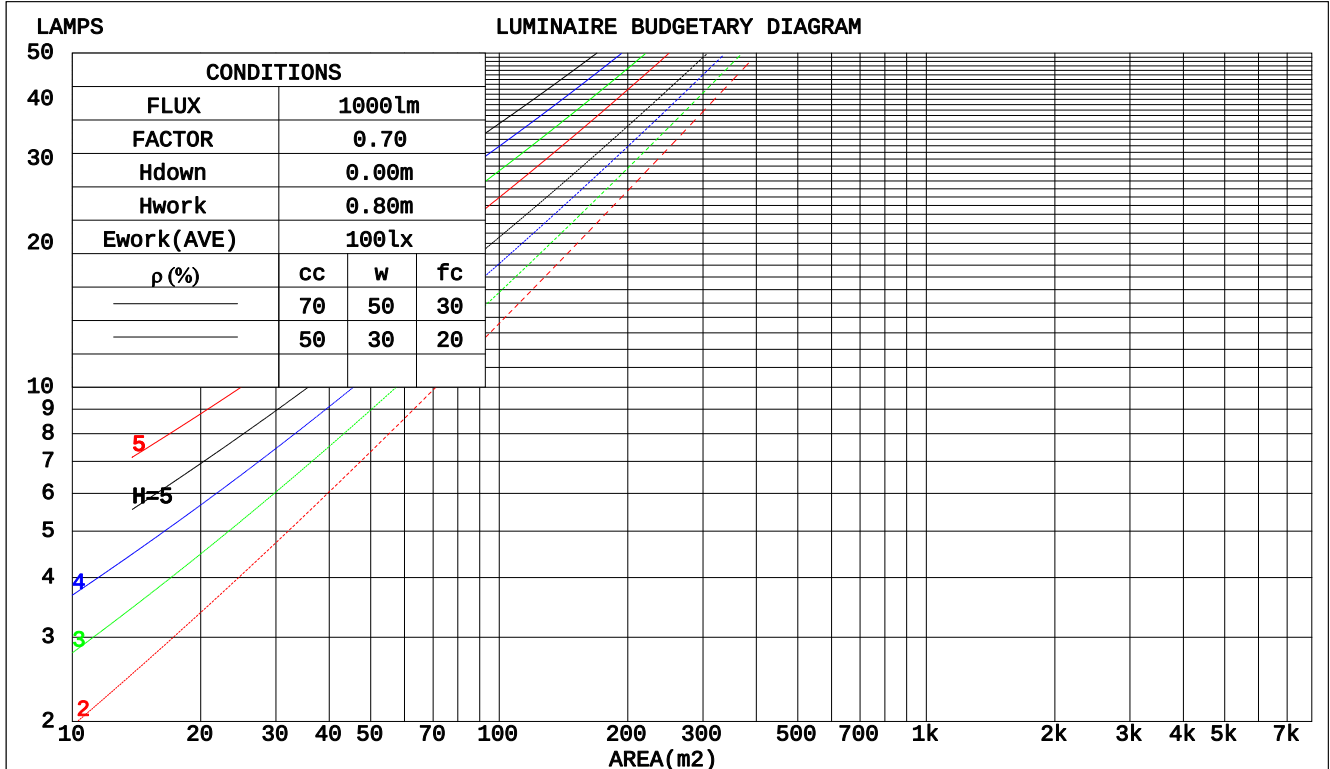
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	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	1.05	1.00	.97	1.02	.98	.95	.98	.95	.92	.93	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.64	.73	.68	.63	.70	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.65	.59	.54	.63	.58	.53	.51
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.51	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-29

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:

WEC AND CCEC

Test:U:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm					
NAME: DL1066-BKTC10S01S			TYPE:		WEIGHT:
SPEC.: black RA90 3000K+5700K			DIM.:		SERIAL No.:
MFR.:			SUR.: 75mm		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	.291	.165	.052	.283	.161	.051	.269	.154	.049	.256	.148	.047	.244	.142	.046	
2.0	.278	.152	.047	.271	.149	.046	.259	.144	.045	.247	.139	.043	.237	.134	.042	
3.0	.259	.138	.041	.253	.136	.041	.242	.131	.040	.232	.127	.039	.223	.123	.038	
4.0	.240	.125	.037	.235	.123	.036	.225	.120	.036	.216	.116	.035	.208	.113	.034	
5.0	.223	.114	.033	.219	.112	.033	.210	.109	.032	.202	.106	.032	.194	.104	.031	
6.0	.208	.104	.030	.203	.103	.030	.196	.100	.029	.188	.098	.029	.182	.096	.028	
7.0	.194	.096	.027	.190	.095	.027	.183	.093	.027	.177	.091	.026	.170	.089	.026	
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.170	.082	.023	.167	.082	.023	.162	.080	.023	.156	.078	.022	.151	.077	.022	
10.0	.160	.077	.021	.158	.076	.021	.152	.075	.021	.148	.073	.021	.143	.072	.021	

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.191	.168	.148	.163	.144	.127	.112	.099	.088	.064	.057	.051	.021	.018	.017	
2.0	.182	.144	.112	.156	.124	.096	.107	.086	.067	.062	.050	.039	.020	.016	.013	
3.0	.174	.126	.088	.149	.109	.076	.103	.076	.053	.059	.044	.031	.019	.014	.010	
4.0	.167	.113	.072	.143	.097	.062	.098	.068	.044	.057	.040	.026	.018	.013	.009	
5.0	.159	.102	.060	.137	.088	.052	.094	.062	.037	.055	.036	.022	.018	.012	.007	
6.0	.152	.094	.052	.131	.081	.045	.090	.057	.032	.052	.033	.019	.017	.011	.006	
7.0	.146	.087	.046	.125	.075	.040	.086	.053	.028	.050	.031	.017	.016	.010	.006	
8.0	.139	.081	.041	.120	.070	.036	.083	.049	.026	.048	.029	.015	.016	.010	.005	
9.0	.133	.076	.038	.115	.066	.033	.080	.047	.023	.046	.027	.014	.015	.009	.005	
10.0	.128	.072	.035	.110	.062	.030	.076	.044	.022	.045	.026	.013	.014	.009	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm										
NAME: DL1066-BKTC10S01S					TYPE:			WEIGHT:		
SPEC.: black RA90 3000K+5700K					DIM.:			SERIAL No.:		
MFR.:					SUR.: 75mm			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	27.5	28.9	27.8	29.2	29.4	27.4	28.8	27.7	29.1	29.3
3H	28.8	30.2	29.2	30.4	30.7	28.7	30.1	29.0	30.3	30.6
4H	29.3	30.6	29.7	30.9	31.2	29.2	30.5	29.5	30.8	31.0
6H	29.6	30.8	30.0	31.1	31.4	29.5	30.7	29.8	31.0	31.3
8H	29.7	30.8	30.0	31.1	31.4	29.5	30.7	29.9	31.0	31.3
12H	29.6	30.7	30.0	31.1	31.4	29.5	30.6	29.9	30.9	31.3
4H 2H	28.0	29.3	28.4	29.6	29.9	28.0	29.2	28.3	29.5	29.8
3H	29.6	30.7	29.9	31.0	31.3	29.5	30.6	29.8	30.9	31.2
4H	30.2	31.2	30.6	31.5	31.9	30.1	31.1	30.5	31.4	31.8
6H	30.6	31.4	31.0	31.8	32.2	30.4	31.3	30.9	31.7	32.1
8H	30.6	31.5	31.1	31.9	32.3	30.5	31.4	31.0	31.7	32.2
12H	30.6	31.4	31.1	31.8	32.2	30.5	31.3	31.0	31.7	32.1
8H 4H	30.4	31.2	30.8	31.6	32.0	30.3	31.1	30.7	31.5	31.9
6H	30.9	31.5	31.3	32.0	32.4	30.8	31.4	31.2	31.9	32.3
8H	31.0	31.6	31.5	32.0	32.5	30.9	31.5	31.4	31.9	32.4
12H	31.0	31.5	31.5	32.0	32.5	30.9	31.4	31.4	31.9	32.4
12H 4H	30.4	31.1	30.8	31.5	32.0	30.3	31.0	30.7	31.4	31.9
6H	30.9	31.5	31.4	31.9	32.4	30.8	31.4	31.3	31.8	32.3
8H	31.0	31.5	31.5	32.0	32.5	30.9	31.4	31.4	31.9	32.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117, 971.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.00442 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

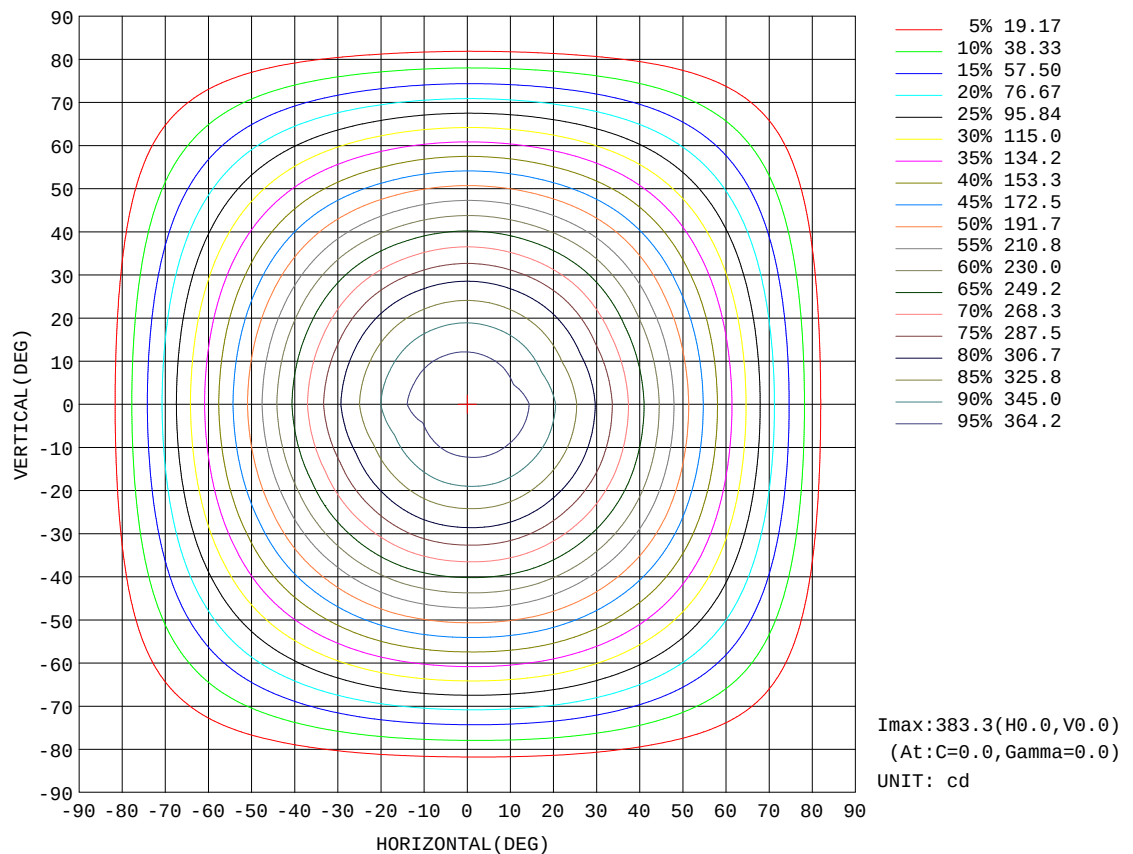
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	58	47	41	57	47	41	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	77	67	60	76	66	59	74	67	59	52
1.25	84	74	67	83	73	67	80	72	66	59
1.50	89	80	73	87	79	72	84	77	71	64
2.00	96	88	82	94	86	81	90	84	79	71
2.50	100	92	86	97	91	85	93	88	83	75
3.00	103	96	91	101	95	90	96	92	88	79
4.00	107	101	97	104	99	95	100	96	93	83
5.00	109	104	101	106	102	99	102	99	96	86
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:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

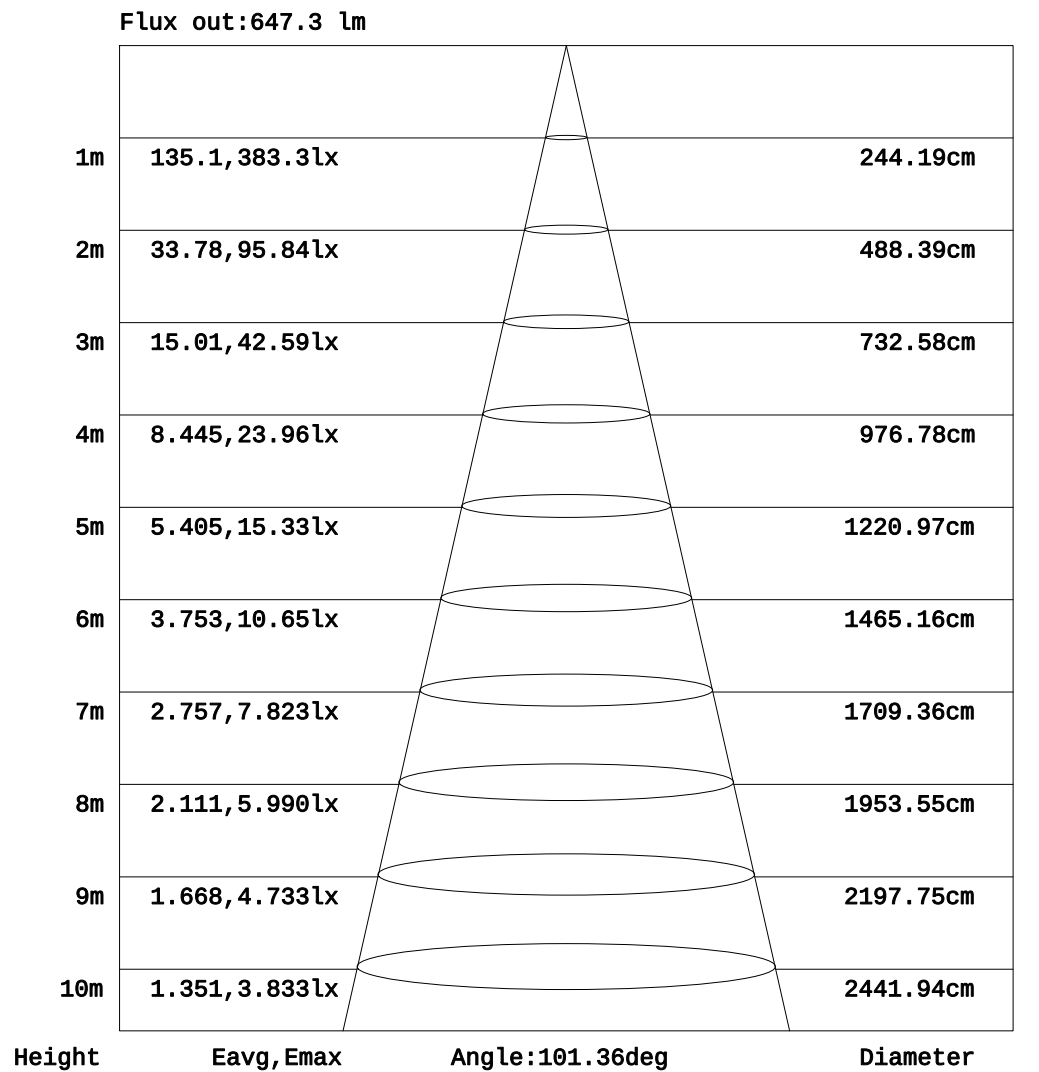


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



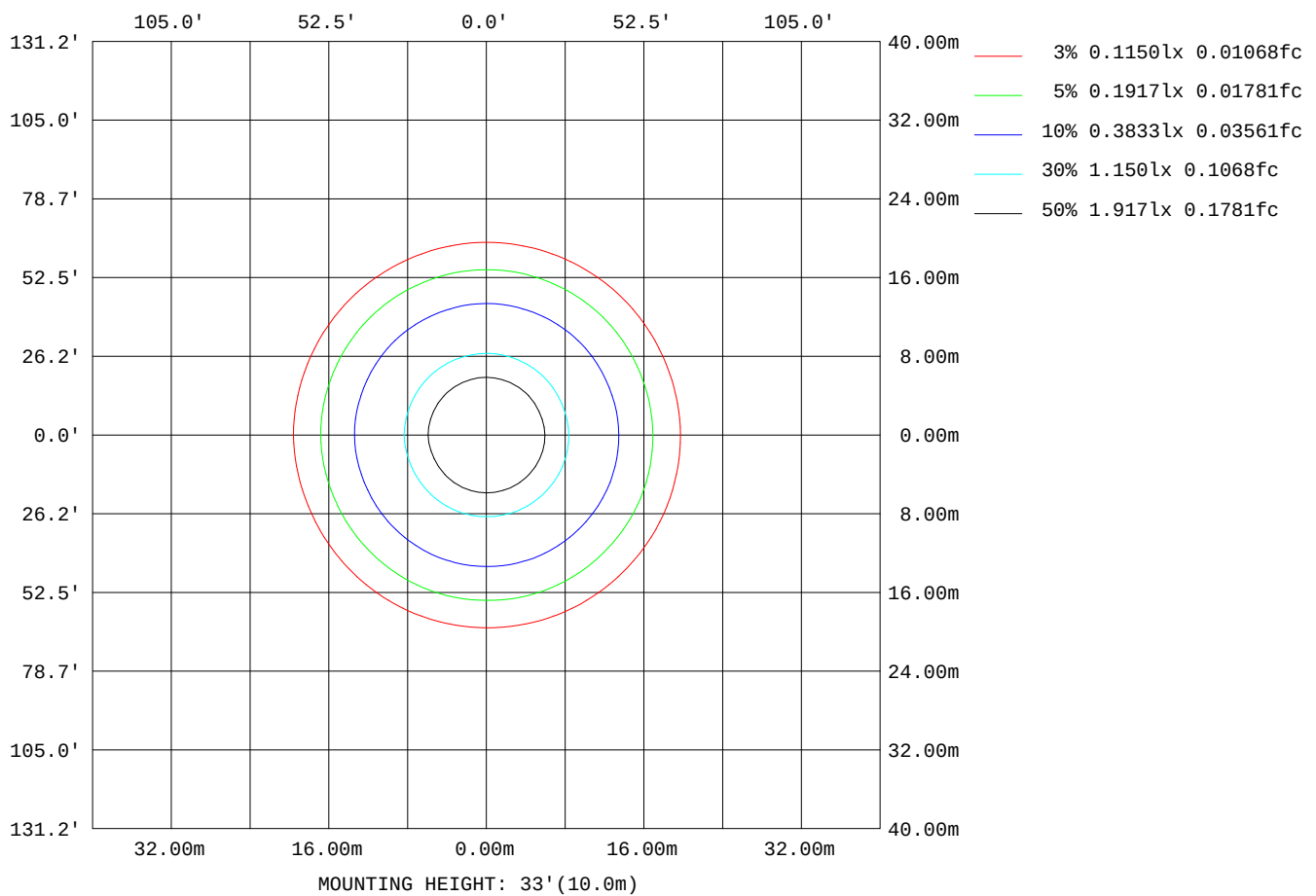
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

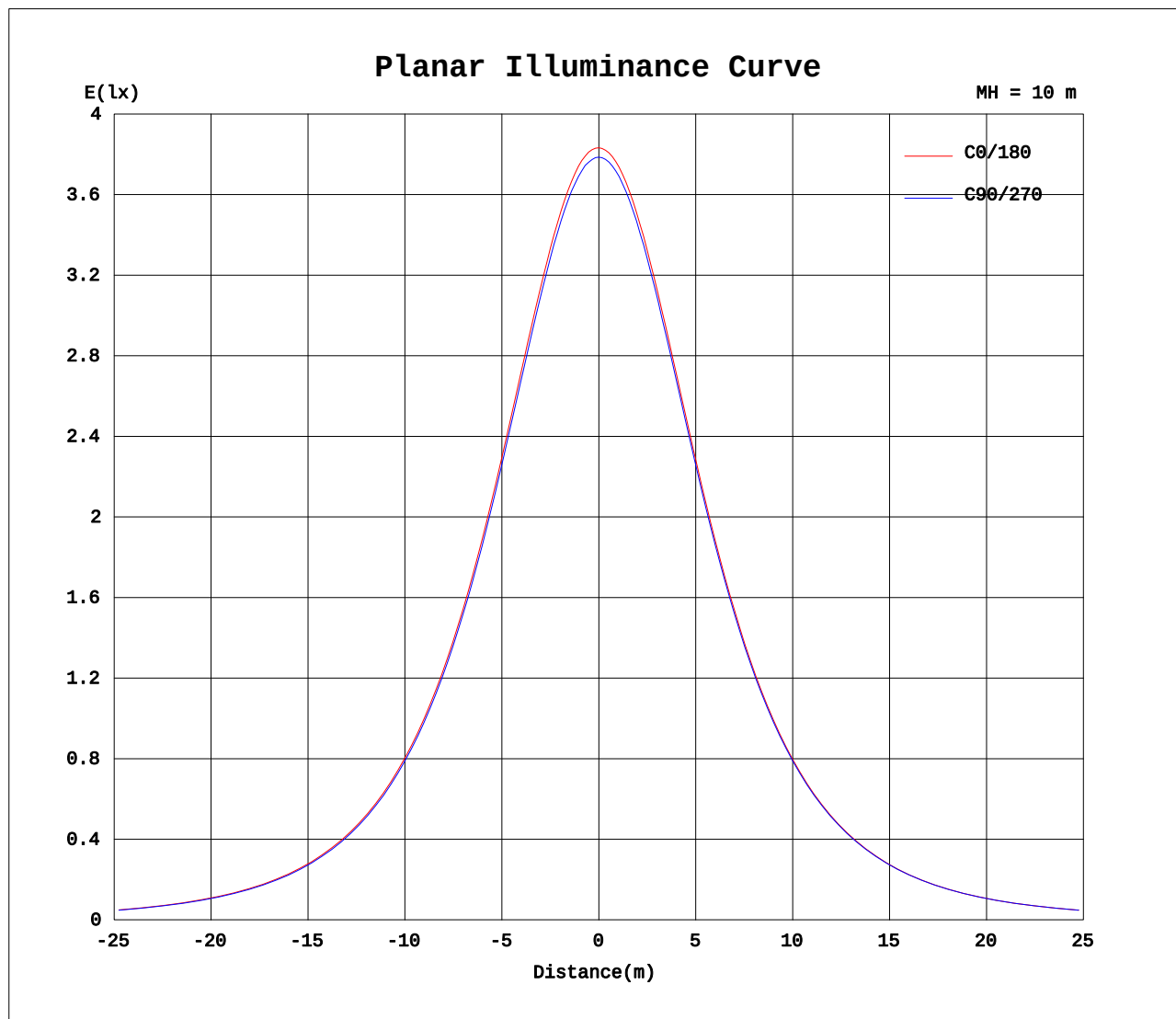
AvgL	cd/m2
L_0~180(65)av	59691
L_0~180(75)av	47409
L_0~180(85)av	14131
L_90~270(65)av	58937
L_90~270(75)av	47075
L_90~270(85)av	14520
L_45(65)av	58953
L_45(75)av	46944
L_45(85)av	14195

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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: 2025-05-29

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:231.09V I:0.0508A P:10.115W PF:0.8613 Freq:49.99Hz Lamp Flux:971.56x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	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	383	382	380	379	379	378	377	377	383	382	380	379	379	378	377	377			
5	381	380	378	377	376	375	374	374	381	379	378	377	376	375	375	374			
10	374	373	371	370	369	368	367	367	373	371	370	369	369	368	368	368			
15	362	361	360	359	357	357	355	355	361	359	358	357	357	356	357	356			
20	347	346	344	343	342	341	339	339	345	343	342	341	341	341	341	341			
25	327	327	325	324	323	322	320	320	326	324	323	322	322	322	322	322			
30	305	305	303	302	300	300	298	298	303	301	301	300	300	300	300	300			
35	281	281	279	279	276	276	274	274	279	277	277	275	276	275	276	276			
40	255	254	253	252	250	250	248	248	253	250	250	249	250	250	251	250			
45	227	227	226	225	223	223	221	221	225	223	223	222	223	223	224	224			
50	199	199	198	197	196	195	193	193	197	195	196	195	196	195	196	196			
55	171	171	169	169	167	167	165	165	169	167	167	166	167	167	168	168			
60	142	142	141	141	139	138	137	137	139	138	138	138	139	139	140	140			
65	113	113	112	112	110	110	108	108	110	109	109	109	110	110	111	111			
70	83.7	84.0	83.0	82.8	81.5	80.9	79.5	79.1	81.0	80.2	80.7	80.7	81.5	81.7	82.4	82.5			
75	55.5	55.8	55.2	55.0	53.8	53.2	52.0	51.6	53.0	52.5	53.0	53.1	53.9	54.0	54.7	54.7			
80	28.9	29.3	28.9	28.9	28.0	27.6	26.5	26.2	27.1	26.8	27.3	27.4	28.1	28.2	28.7	28.6			
85	5.93	6.22	5.93	6.04	5.56	5.39	4.79	4.64	4.96	4.77	5.08	5.14	5.63	5.73	6.07	6.00			
90	0.31	0.36	0.31	0.35	0.32	0.36	0.33	0.37	0.41	0.36	0.40	0.35	0.40	0.34	0.39	0.34			
95	0.53	0.57	0.53	0.57	0.53	0.59	0.56	0.60	0.65	0.60	0.64	0.58	0.63	0.57	0.61	0.56			
100	0.82	0.86	0.81	0.86	0.83	0.87	0.84	0.88	0.96	0.90	0.94	0.88	0.91	0.86	0.89	0.85			
105	1.17	1.20	1.14	1.20	1.16	1.20	1.17	1.23	1.32	1.25	1.28	1.23	1.26	1.21	1.23	1.19			
110	1.52	1.53	1.47	1.53	1.51	1.54	1.52	1.57	1.68	1.61	1.64	1.58	1.62	1.54	1.58	1.53			
115	1.89	1.89	1.82	1.87	1.85	1.89	1.88	1.93	2.07	1.98	2.01	1.96	2.00	1.91	1.93	1.90			
120	2.25	2.23	2.17	2.22	2.19	2.24	2.21	2.29	2.44	2.34	2.37	2.31	2.34	2.26	2.30	2.25			
125	2.57	2.56	2.50	2.54	2.55	2.58	2.56	2.64	2.83	2.71	2.72	2.65	2.69	2.61	2.63	2.61			
130	2.91	2.89	2.86	2.89	2.88	2.92	2.90	2.96	3.16	3.05	3.06	2.99	3.04	2.93	2.95	2.93			
135	3.23	3.18	3.16	3.20	3.22	3.23	3.23	3.27	3.48	3.37	3.41	3.29	3.34	3.24	3.29	3.23			
140	3.53	3.50	3.46	3.52	3.51	3.55	3.52	3.57	3.77	3.67	3.69	3.60	3.64	3.60	3.56	3.52			
145	3.78	3.76	3.73	3.82	3.84	3.83	3.78	3.84	4.02	3.94	3.96	3.88	3.95	3.81	3.84	3.77			
150	3.99	3.97	3.95	4.02	4.03	4.03	3.97	4.05	4.23	4.12	4.19	4.11	4.14	4.04	4.07	3.97			
155	4.17	4.16	4.10	4.23	4.24	4.25	4.16	4.24	4.42	4.28	4.37	4.35	4.40	4.28	4.26	4.16			
160	4.35	4.36	4.30	4.43	4.44	4.43	4.33	4.43	4.57	4.44	4.50	4.55	4.57	4.46	4.41	4.29			
165	4.56	4.54	4.49	4.62	4.62	4.61	4.56	4.65	4.75	4.63	4.64	4.66	4.71	4.60	4.53	4.49			
170	4.73	4.77	4.72	4.82	4.77	4.80	4.78	4.87	4.92	4.87	4.85	4.76	4.77	4.69	4.70	4.69			
175	4.94	5.01	4.98	4.99	4.90	4.96	4.97	5.06	5.09	5.07	5.08	4.94	4.90	4.86	4.94	4.90			
180	5.14	5.17	5.19	5.12	5.05	5.04	5.13	5.11	5.20	5.14	5.21	5.08	5.08	5.01	5.13	5.06			

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