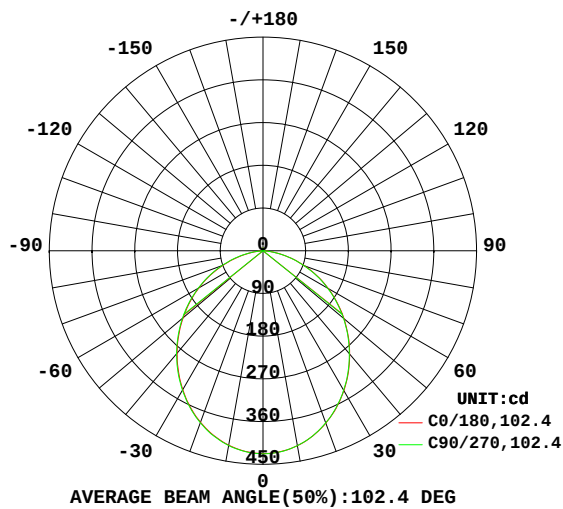


LUMINAIRE PHOTOMETRIC TEST REPORT

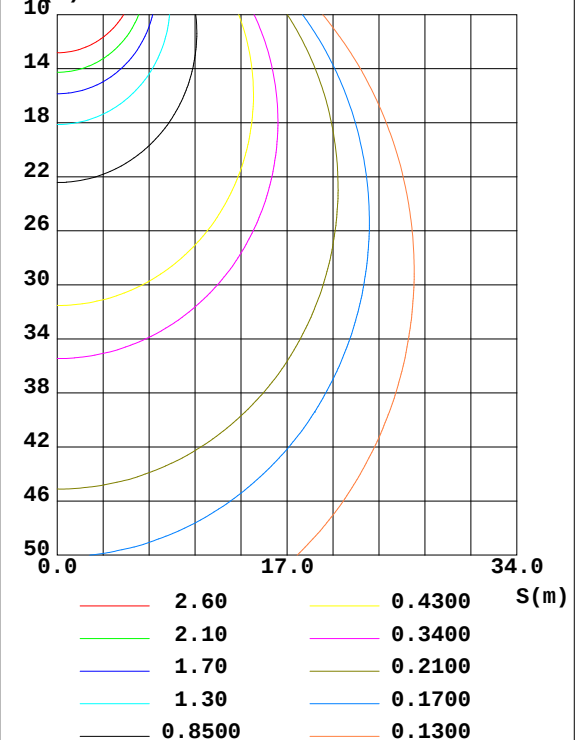
Test:U:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 112.97 lm/W			
MODEL	2835 24 4000K	I _{max} (cd)	428.1	S/MH(C0/180)	1.18
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.19
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1097.2	η UP, DN(C0-180)	0.8, 49.3
NOMINAL FLUX(lm)	1097.22	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:

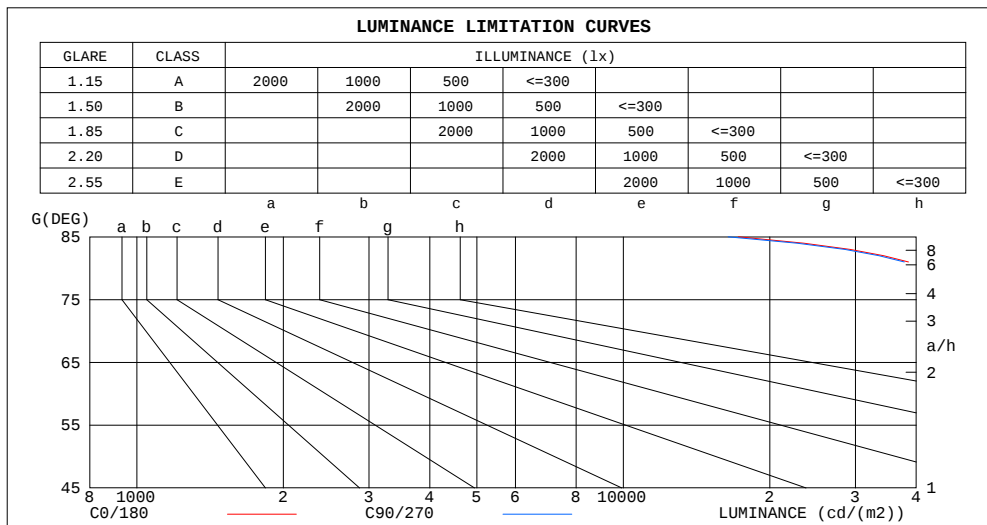
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	417.0	417.1	417.1	416.7	416.1	416.1	416.8	417.7	0- 10	40.31	40.31	3.67, 3.67
20	386.6	386.8	386.0	385.4	384.6	384.9	385.9	387.1	10- 20	113.8	154.1	14, 14
30	340.7	340.9	339.8	338.7	338.0	338.2	339.2	341.1	20- 30	167.8	321.9	29.3, 29.3
40	284.2	284.3	283.1	281.6	282.0	282.1	283.3	285.1	30- 40	195.3	517.1	47.1, 47.1
50	222.9	222.9	221.6	219.9	219.8	220.1	221.7	223.5	40- 50	195.0	712.1	64.9, 64.9
60	158.7	158.5	157.2	155.4	155.5	155.9	157.5	159.3	50- 60	169.5	881.6	80.4, 80.4
70	93.63	93.68	92.43	90.46	90.30	90.86	92.45	93.91	60- 70	123.4	1005	91.6, 91.6
80	32.37	32.58	31.78	30.17	30.06	30.69	31.87	32.69	70- 80	64.52	1070	97.5, 97.5
90	0.3583	0.3629	0.3765	0.3856	0.4691	0.4691	0.4598	0.4461	80- 90	10.80	1080	98.5, 98.5
100	0.9317	0.9317	0.9501	0.9639	1.076	1.057	1.048	1.021	90-100	0.7458	1081	98.5, 98.5
110	1.726	1.680	1.713	1.745	1.898	1.857	1.843	1.811	100-110	1.462	1083	98.7, 98.7
120	2.526	2.466	2.503	2.549	2.743	2.665	2.674	2.619	110-120	2.167	1085	98.9, 98.9
130	3.288	3.219	3.293	3.320	3.556	3.460	3.455	3.387	120-130	2.666	1087	99.1, 99.1
140	3.945	3.904	4.004	4.019	4.227	4.158	4.131	4.066	130-140	2.865	1090	99.4, 99.4
150	4.469	4.451	4.584	4.547	4.737	4.737	4.714	4.640	140-150	2.720	1093	99.6, 99.6
160	4.901	4.841	5.039	4.947	5.113	5.090	5.191	5.021	150-160	2.223	1095	99.8, 99.8
170	5.324	5.337	5.434	5.457	5.490	5.481	5.407	5.352	160-170	1.472	1097	100, 100
180	5.774	5.857	5.765	5.816	5.784	5.857	5.774	5.806	170-180	0.5310	1097	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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



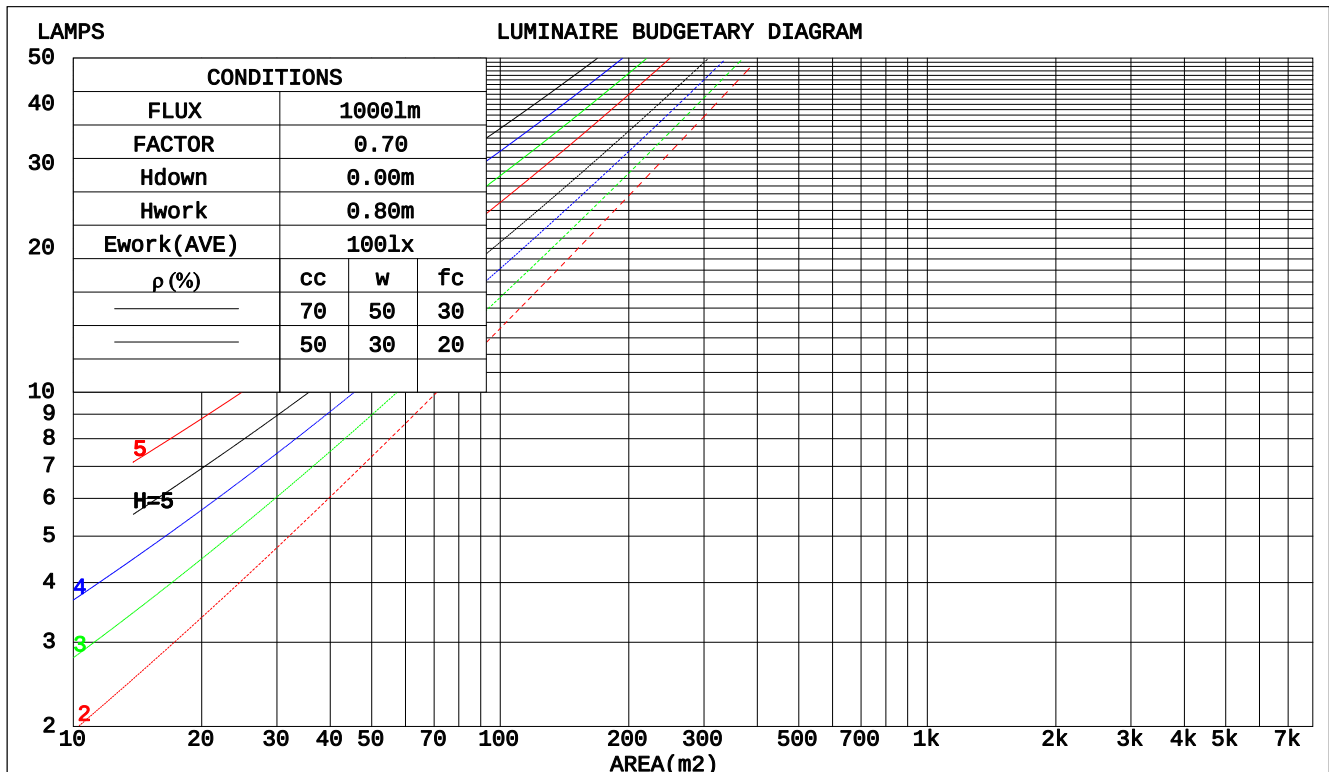
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-29

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 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						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	1.05	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
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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 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	.204	.103	.030	.196	.100	.029	.189	.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	.153	.075	.021	.148	.073	.021	.143	.072	.021	

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	.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	.089	.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	.087	.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	.063	.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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 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		27.4	28.9	27.7	29.1	29.3	27.4	28.9	27.7	29.1	29.3
	3H	28.8	30.1	29.1	30.4	30.6	28.7	30.1	29.1	30.3	30.6
	4H	29.3	30.5	29.6	30.8	31.1	29.2	30.5	29.6	30.8	31.1
	6H	29.6	30.8	29.9	31.1	31.4	29.5	30.7	29.9	31.0	31.3
	8H	29.6	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	31.0	31.3	29.5	30.6	29.9	31.0	31.3
4H	2H	28.0	29.3	28.3	29.5	29.8	28.0	29.2	28.3	29.5	29.8
	3H	29.5	30.6	29.9	30.9	31.3	29.5	30.6	29.8	30.9	31.2
	4H	30.1	31.1	30.5	31.5	31.8	30.1	31.1	30.5	31.4	31.8
	6H	30.5	31.4	30.9	31.8	32.2	30.5	31.3	30.9	31.7	32.1
	8H	30.6	31.4	31.0	31.8	32.2	30.5	31.4	31.0	31.8	32.2
	12H	30.6	31.3	31.0	31.8	32.2	30.5	31.3	31.0	31.7	32.1
8H	4H	30.3	31.2	30.8	31.5	32.0	30.3	31.1	30.7	31.5	31.9
	6H	30.8	31.5	31.3	31.9	32.4	30.8	31.5	31.2	31.9	32.3
	8H	30.9	31.5	31.4	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	30.3	31.1	30.8	31.5	31.9	30.3	31.0	30.7	31.4	31.9
	6H	30.8	31.4	31.3	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, 1097 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)
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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

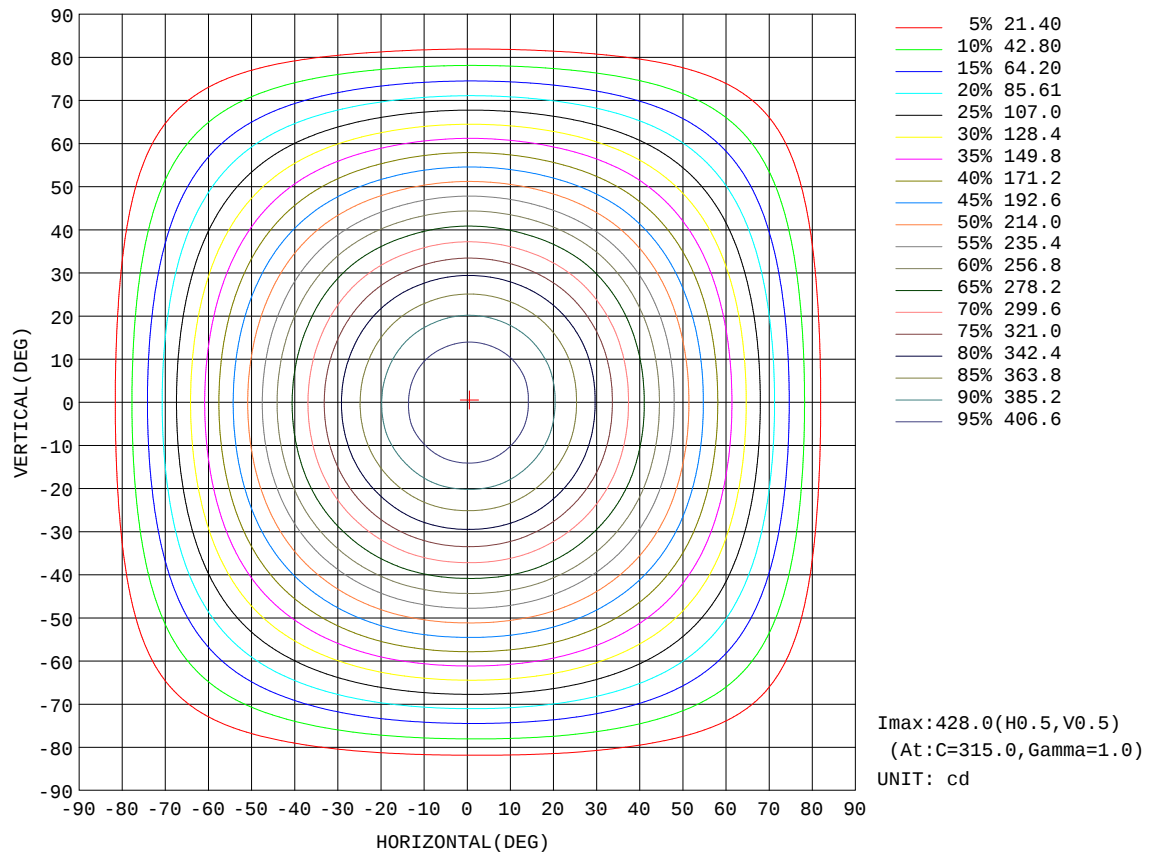
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	47	41	57	47	41	34
0.80	69	58	51	68	57	50	66	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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



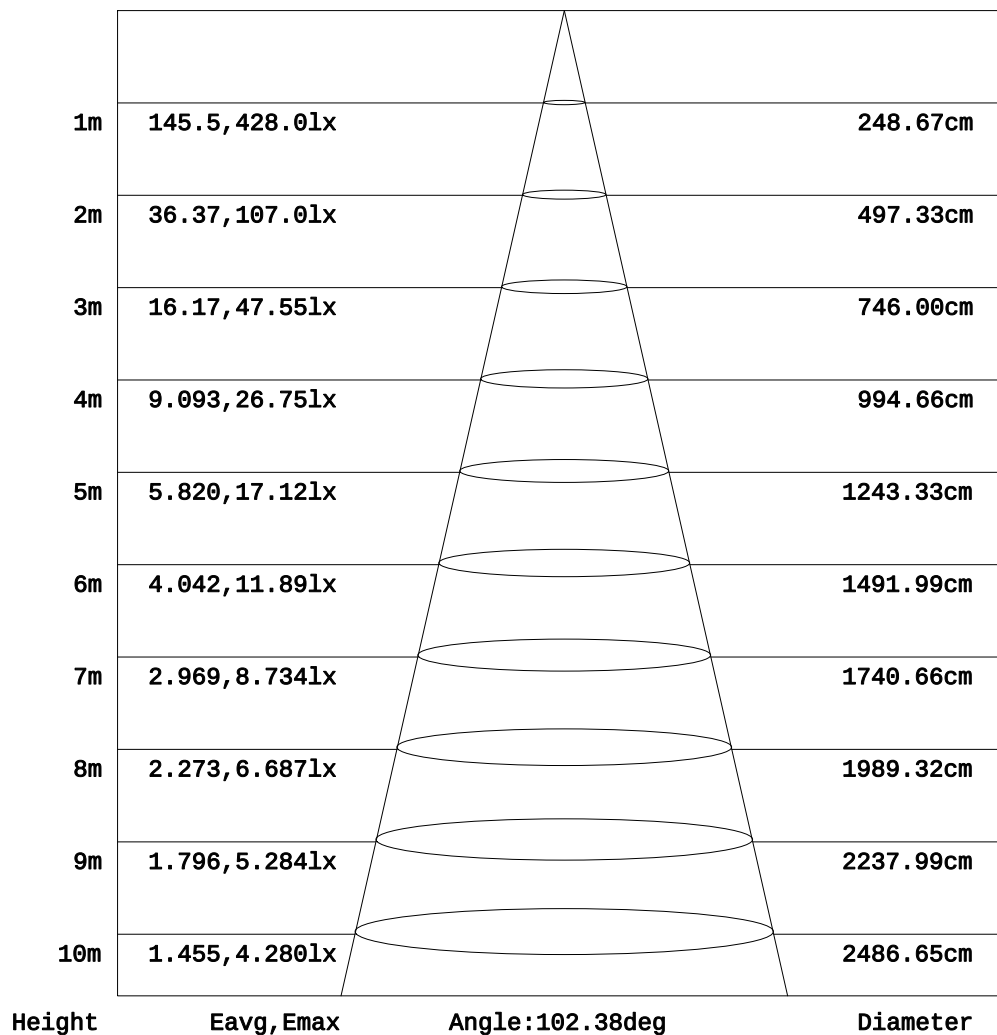
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-29

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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

Flux out:748.8 lm



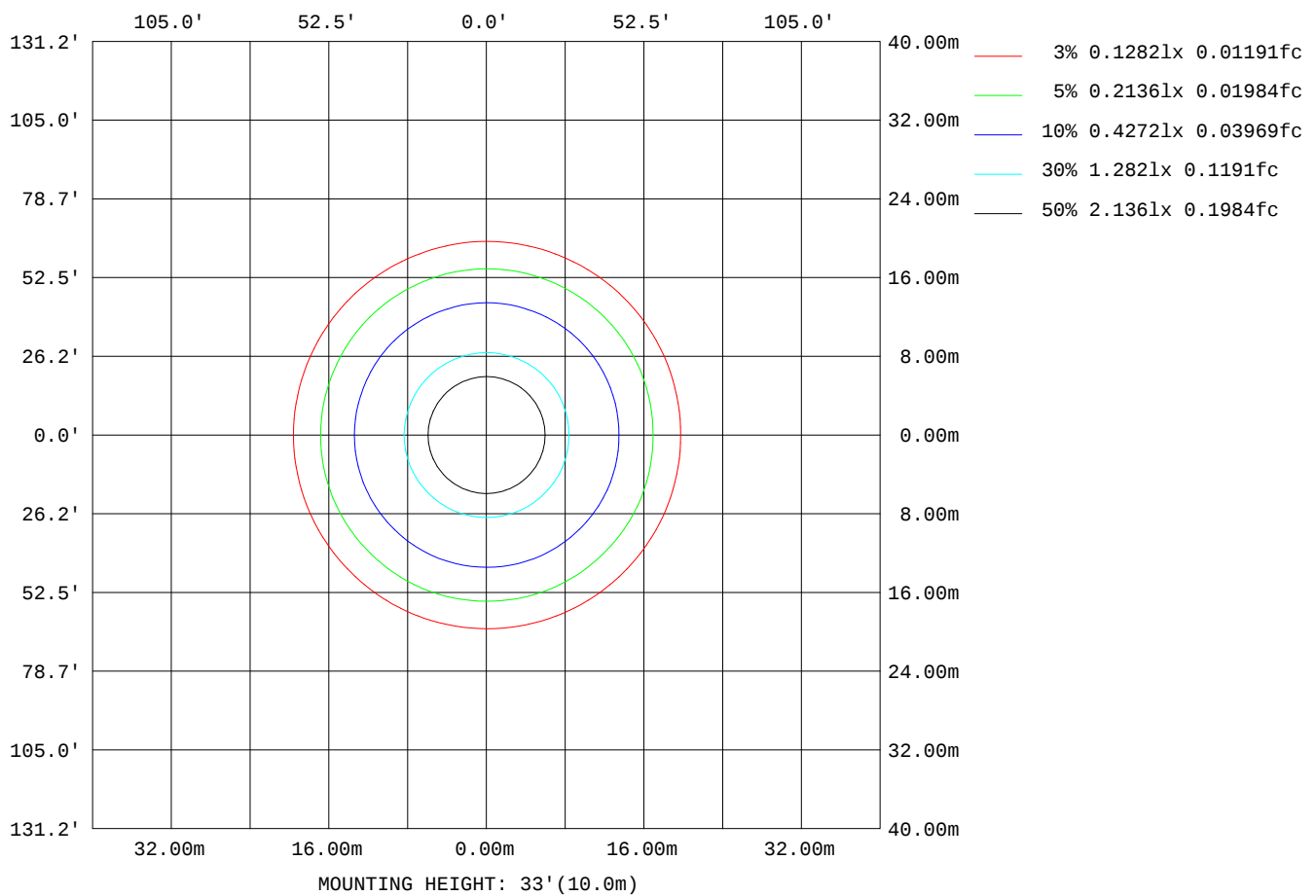
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

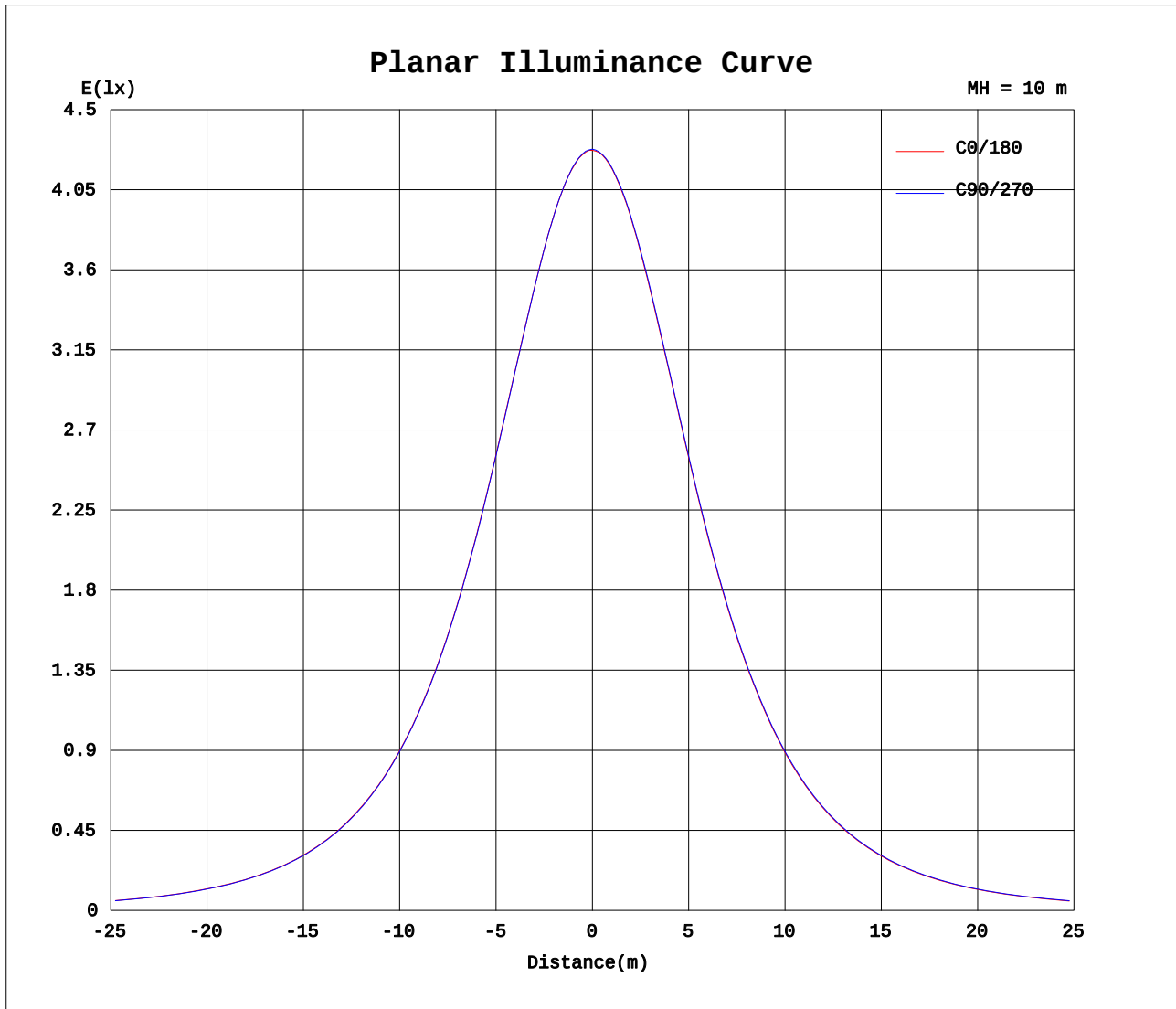
AvgL	cd/m2
L_0~180(65)av	66657
L_0~180(75)av	52900
L_0~180(85)av	15714
L_90~270(65)av	66835
L_90~270(75)av	53413
L_90~270(85)av	16460
L_45(65)av	66781
L_45(75)av	53181
L_45(85)av	16096

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



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C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
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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:231.11V I:0.0493A P:9.7127W PF:0.8526 Freq:49.99Hz Lamp Flux:1097.22x1 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	427	428	428	428	428	428	428	428	427	428	428	428	428	428	428	428			
5	425	425	425	425	425	425	425	425	424	424	425	425	425	425	425	426			
10	417	417	417	417	417	417	417	417	416	416	416	416	417	417	418	418			
15	404	405	404	405	404	404	403	404	403	402	403	403	404	404	405	405			
20	387	387	387	387	386	386	385	386	385	385	385	385	386	386	387	388			
25	365	366	365	365	365	365	364	364	363	363	363	363	364	365	366	366			
30	341	341	341	341	340	340	339	339	338	338	338	338	339	340	341	342			
35	313	314	313	314	312	312	311	311	311	310	311	311	312	313	314	314			
40	284	286	284	285	283	284	282	282	282	281	282	282	283	283	285	285			
45	254	255	254	254	253	253	251	251	251	251	251	251	253	253	255	255			
50	223	224	223	223	222	221	220	220	220	219	220	220	222	222	224	224			
55	191	192	191	191	190	190	188	188	188	187	188	188	190	190	192	192			
60	159	160	159	159	157	157	155	156	156	155	156	156	157	158	159	159			
65	126	127	126	126	125	124	123	123	123	122	123	124	125	125	127	127			
70	93.6	94.3	93.7	93.6	92.4	91.8	90.5	90.1	90.3	90.1	90.9	91.2	92.5	92.9	93.9	94.2			
75	62.1	62.6	62.2	62.2	61.1	60.5	59.2	58.8	59.0	58.8	59.6	60.1	61.1	61.5	62.3	62.5			
80	32.4	32.9	32.6	32.6	31.8	31.3	30.2	29.8	30.1	30.0	30.7	31.0	31.9	32.1	32.7	32.7			
85	6.64	6.96	6.70	6.80	6.33	6.15	5.46	5.31	5.46	5.31	5.68	5.82	6.36	6.54	6.96	6.95			
90	0.36	0.41	0.36	0.41	0.38	0.42	0.39	0.43	0.47	0.42	0.47	0.42	0.46	0.41	0.45	0.41			
95	0.61	0.65	0.61	0.67	0.63	0.68	0.63	0.68	0.73	0.70	0.73	0.69	0.72	0.67	0.70	0.66			
100	0.93	0.97	0.93	0.98	0.95	1.00	0.96	1.02	1.08	1.03	1.06	1.01	1.05	1.00	1.02	1.01			
105	1.33	1.35	1.30	1.36	1.33	1.38	1.36	1.42	1.48	1.42	1.46	1.41	1.43	1.39	1.42	1.37			
110	1.73	1.73	1.68	1.74	1.71	1.76	1.74	1.81	1.90	1.82	1.86	1.81	1.84	1.77	1.81	1.77			
115	2.13	2.12	2.08	2.12	2.12	2.16	2.16	2.21	2.34	2.25	2.27	2.23	2.27	2.19	2.22	2.19			
120	2.53	2.51	2.47	2.51	2.50	2.56	2.55	2.63	2.74	2.65	2.67	2.62	2.67	2.59	2.62	2.60			
125	2.90	2.89	2.86	2.88	2.89	2.94	2.94	3.01	3.18	3.06	3.07	3.02	3.06	2.99	3.01	2.99			
130	3.29	3.24	3.22	3.26	3.29	3.33	3.32	3.39	3.56	3.44	3.46	3.38	3.46	3.36	3.39	3.36			
135	3.61	3.59	3.59	3.61	3.66	3.67	3.72	3.74	3.91	3.80	3.84	3.73	3.79	3.73	3.76	3.72			
140	3.95	3.91	3.90	3.97	4.00	4.03	4.02	4.07	4.23	4.13	4.16	4.08	4.13	4.05	4.07	4.01			
145	4.23	4.20	4.19	4.30	4.37	4.35	4.31	4.37	4.50	4.43	4.47	4.40	4.48	4.35	4.38	4.31			
150	4.47	4.45	4.45	4.53	4.58	4.59	4.55	4.63	4.74	4.66	4.74	4.68	4.71	4.62	4.64	4.55			
155	4.68	4.67	4.63	4.76	4.83	4.84	4.75	4.86	4.95	4.84	4.93	4.95	4.99	4.88	4.85	4.75			
160	4.90	4.88	4.84	4.99	5.04	5.04	4.95	5.07	5.11	5.01	5.09	5.13	5.19	5.07	5.02	4.91			
165	5.11	5.10	5.05	5.21	5.26	5.24	5.21	5.31	5.30	5.24	5.26	5.28	5.35	5.24	5.17	5.13			
170	5.32	5.36	5.34	5.45	5.43	5.45	5.46	5.56	5.49	5.49	5.48	5.40	5.41	5.36	5.35	5.37			
175	5.55	5.60	5.64	5.65	5.57	5.65	5.72	5.77	5.68	5.72	5.73	5.61	5.56	5.55	5.63	5.59			
180	5.77	5.79	5.86	5.81	5.77	5.73	5.82	5.82	5.78	5.80	5.86	5.80	5.77	5.73	5.81	5.79			

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