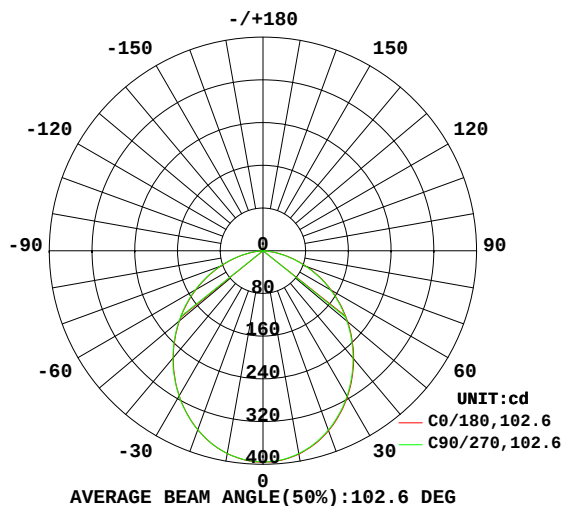


LUMINAIRE PHOTOMETRIC TEST REPORT

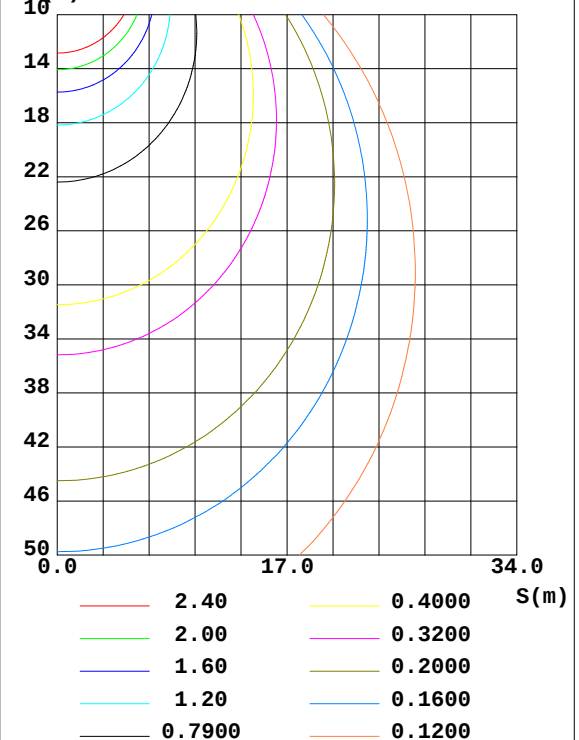
Test:U:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.90 lm/W			
MODEL	2835 24 5700K	I _{max} (cd)	396.0	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)	1017.0	η UP, DN(C0-180)	0.8, 49.3
NOMINAL FLUX(lm)	1017.02	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:

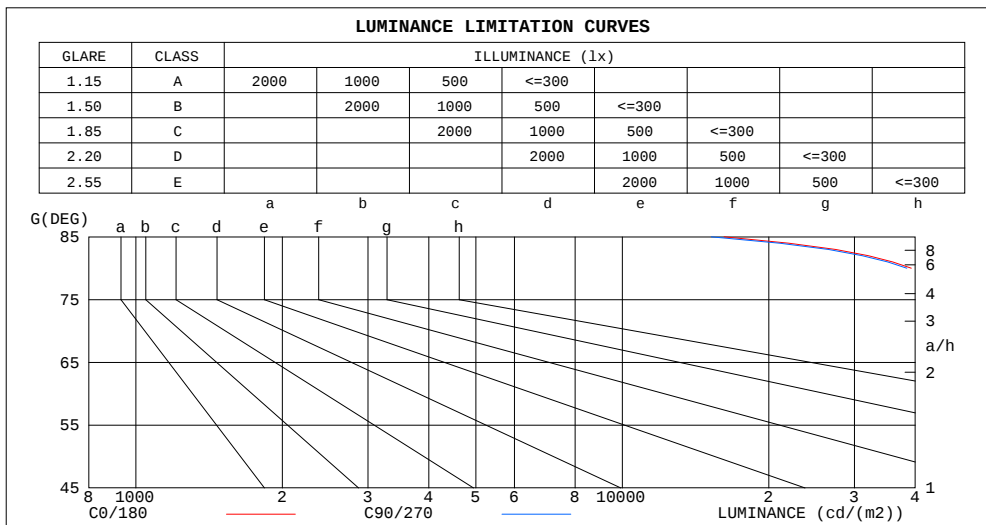
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	386.6	386.1	385.6	385.1	385.5	385.3	385.5	386.1	0- 10	37.29	37.29	3.67,3.67
20	358.4	358.3	357.2	356.4	356.7	356.3	356.9	358.2	10- 20	105.3	142.6	14,14
30	316.0	315.8	314.6	313.4	313.6	313.4	314.3	315.9	20- 30	155.4	297.9	29.3,29.3
40	264.1	263.7	262.3	261.0	261.5	261.3	262.4	264.1	30- 40	181.0	478.9	47.1,47.1
50	207.1	206.6	205.1	203.5	204.2	204.2	205.5	207.3	40- 50	180.8	659.7	64.9,64.9
60	147.5	147.3	145.9	144.2	144.5	144.7	146.0	147.7	50- 60	157.2	816.9	80.3,80.3
70	87.15	87.05	85.74	83.84	83.94	84.38	85.78	87.19	60- 70	114.6	931.5	91.6,91.6
80	30.14	30.30	29.50	27.94	27.96	28.50	29.62	30.42	70- 80	59.91	991.4	97.5,97.5
90	0.3443	0.3443	0.3353	0.3444	0.4277	0.4277	0.4231	0.4048	80- 90	10.04	1001	98.5,98.5
100	0.8538	0.8583	0.8720	0.8859	0.9976	0.9884	0.9656	0.9516	90-100	0.6852	1002	98.5,98.5
110	1.589	1.552	1.584	1.607	1.760	1.719	1.705	1.668	100-110	1.353	1003	98.7,98.7
120	2.324	2.268	2.314	2.351	2.546	2.468	2.477	2.422	110-120	2.004	1005	98.9,98.9
130	3.022	2.967	3.036	3.063	3.299	3.207	3.198	3.134	120-130	2.466	1008	99.1,99.1
140	3.651	3.629	3.724	3.729	3.919	3.859	3.832	3.763	130-140	2.653	1011	99.4,99.4
150	4.148	4.107	4.239	4.198	4.392	4.387	4.360	4.291	140-150	2.518	1013	99.6,99.6
160	4.547	4.479	4.671	4.580	4.741	4.713	4.801	4.645	150-160	2.057	1015	99.8,99.8
170	4.924	4.920	5.016	5.043	5.104	5.072	5.012	4.957	160-170	1.363	1017	100,100
180	5.347	5.421	5.315	5.370	5.347	5.421	5.343	5.361	170-180	0.4913	1017	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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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	16199	15243
80	39265	38432
75	50520	49575
70	57647	56716
65	62868	61973
60	66758	66010
55	69997	69307
50	72885	72183
45	75488	74897

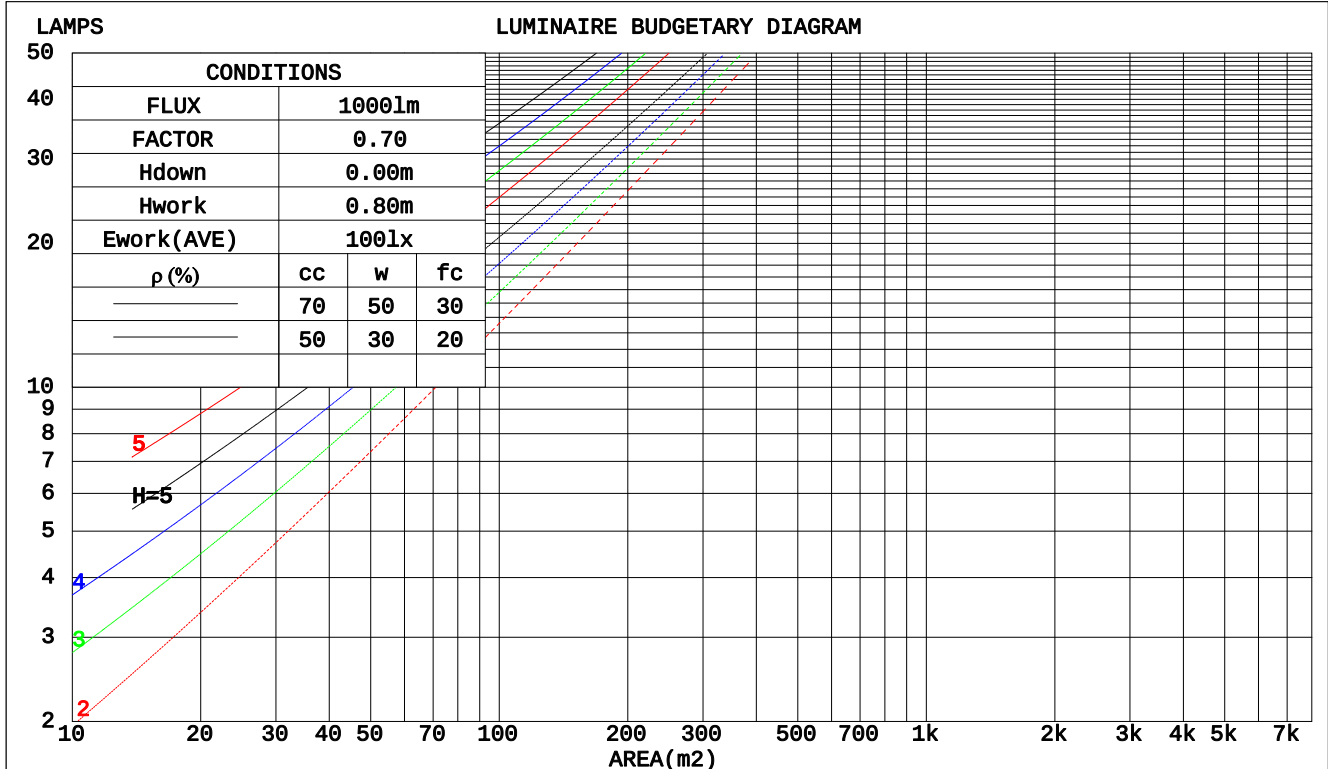
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-29

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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.93	.91	.89	.90	.88	.86	.84
2.0	.92	.85	.79	.90	.84	.78	.86	.81	.76	.82	.78	.74	.79	.76	.73	.70
3.0	.81	.73	.66	.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	.53	.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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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	.162	.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	.226	.120	.036	.217	.116	.035	.208	.113	.034	
5.0	.223	.114	.033	.219	.112	.033	.210	.109	.032	.202	.107	.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	.171	.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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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	29.4	27.4	28.9	27.7	29.1	29.3	
	3H	28.8	30.1	29.1	30.4	30.7	28.7	30.1	29.1	30.3	30.6
	4H	29.3	30.6	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	31.4	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	31.0	31.3	29.5	30.6	29.9	30.9	31.2
	4H	30.1	31.1	30.5	31.5	31.9	30.1	31.1	30.5	31.4	31.8
	6H	30.5	31.4	30.9	31.8	32.2	30.5	31.4	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	31.4	31.0	31.8	32.2	30.5	31.3	31.0	31.7	32.1
8H	4H	30.3	31.2	30.8	31.6	32.0	30.3	31.1	30.7	31.5	31.9
	6H	30.8	31.5	31.3	32.0	32.4	30.8	31.5	31.2	31.9	32.4
	8H	31.0	31.6	31.4	32.0	32.5	30.9	31.5	31.4	32.0	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	31.5	31.9
	6H	30.9	31.5	31.3	31.9	32.4	30.8	31.4	31.3	31.9	32.3
	8H	31.0	31.5	31.5	32.0	32.5	30.9	31.5	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, 1017 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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

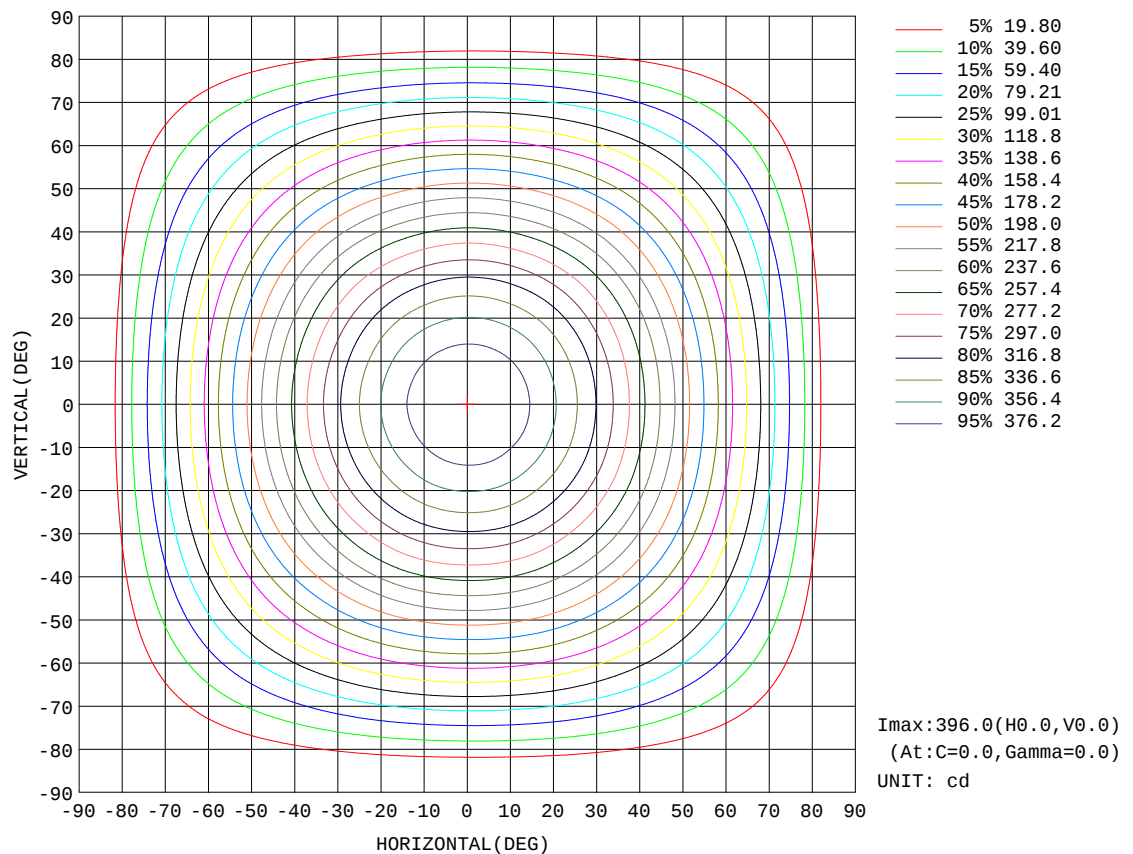
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	58	47	41	57	47	40	34
0.80	69	58	51	68	57	50	66	56	50	43
1.00	77	67	59	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	98	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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



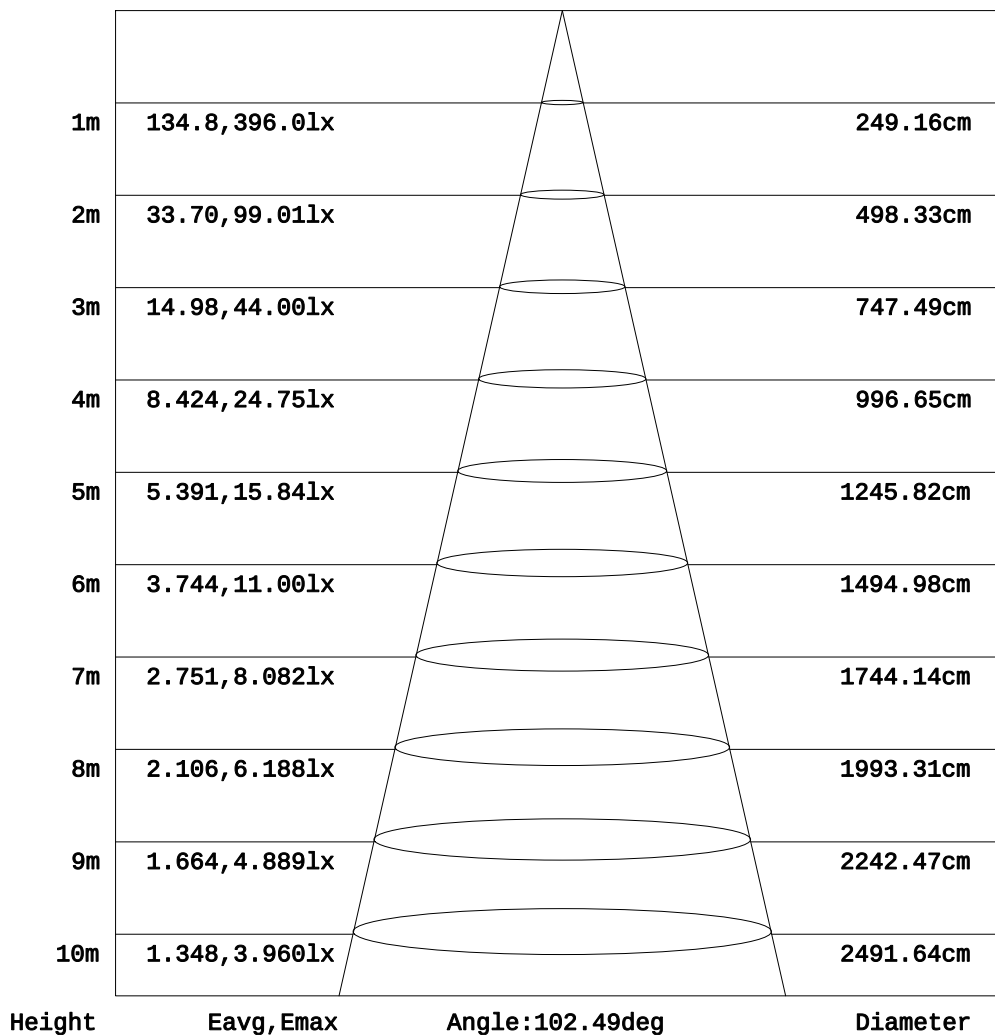
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-29

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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

Flux out:693.7 lm



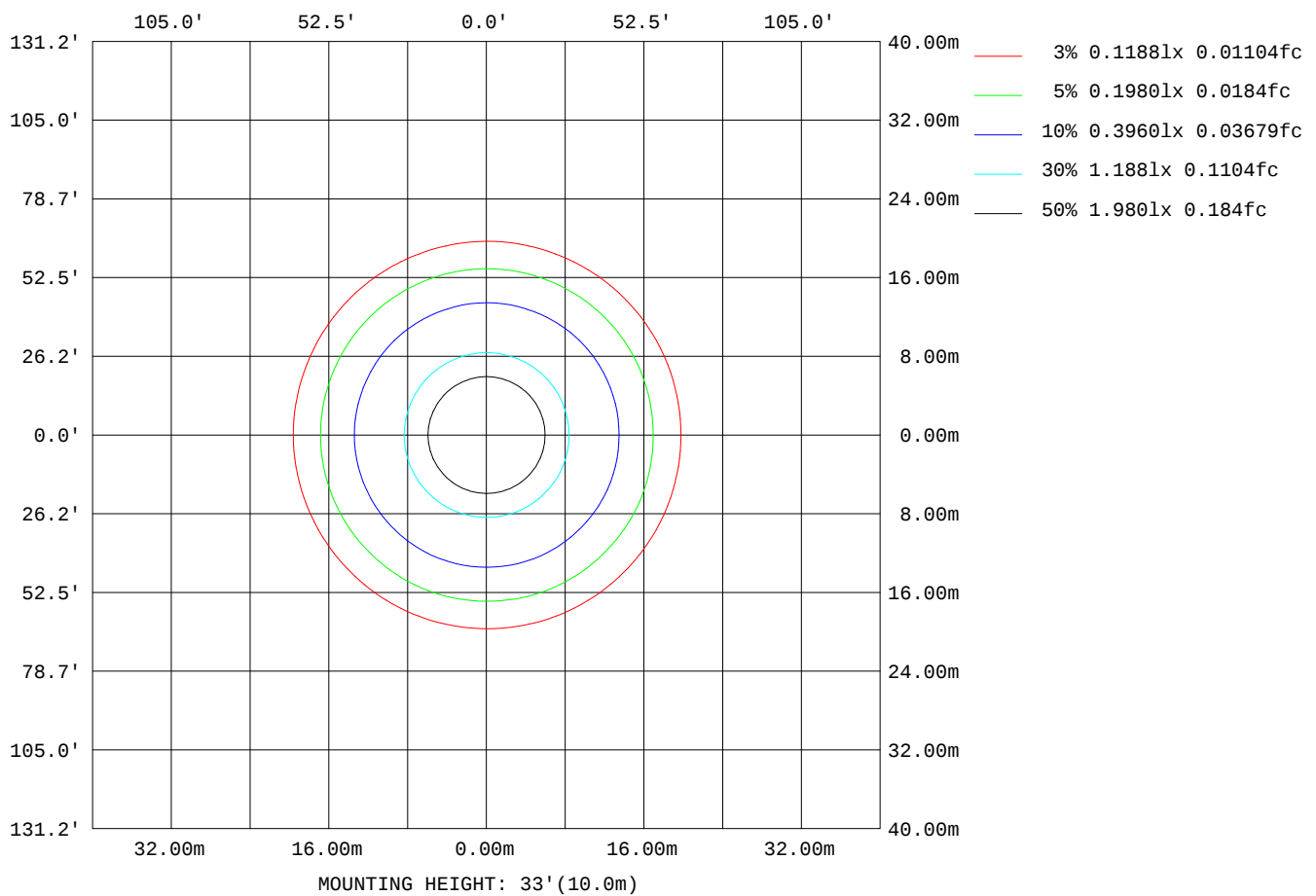
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 lm		
NAME: DL1066-BKTC10S01S	TYPE:	WEIGHT:
SPEC.: black RA90 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

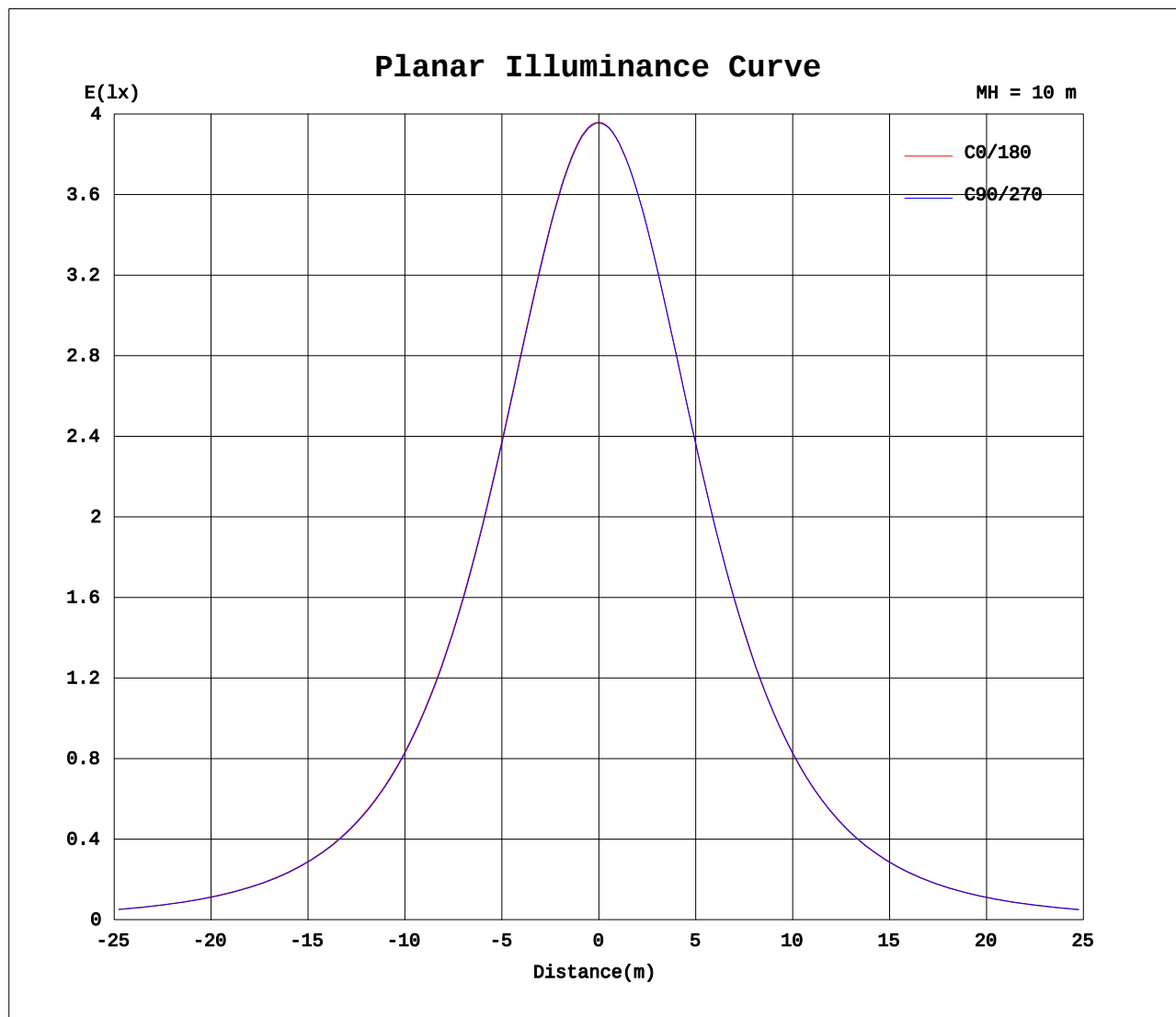
AvgL	cd/m2
L_0~180(65)av	61977
L_0~180(75)av	49216
L_0~180(85)av	14699
L_90~270(65)av	61993
L_90~270(75)av	49581
L_90~270(85)av	15308
L_45(65)av	61974
L_45(75)av	49370
L_45(85)av	14985

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:231.06V I:0.0507A P:10.180W PF:0.8682 Freq:49.99Hz Lamp Flux:1017.02x1 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	396	396	396	396	396	396	395	396	396	396	396	396	396	396	395	396			
5	394	393	393	393	393	393	393	393	393	393	393	393	393	393	393	393			
10	387	387	386	386	386	386	385	385	386	385	385	385	385	386	386	386			
15	375	375	375	374	374	374	373	373	373	373	373	373	374	374	375	374			
20	358	359	358	358	357	357	356	356	357	356	356	356	357	357	358	358			
25	339	339	338	338	337	337	336	336	337	336	336	336	337	338	338	339			
30	316	317	316	316	315	314	313	313	314	313	313	313	314	315	316	316			
35	291	291	290	290	289	289	288	288	288	287	288	288	289	289	291	291			
40	264	265	264	264	262	262	261	261	261	261	261	261	262	263	264	264			
45	236	237	236	236	234	234	233	233	233	232	233	233	234	235	236	236			
50	207	208	207	207	205	205	204	204	204	203	204	204	205	206	207	207			
55	177	178	177	177	176	176	174	174	175	174	175	175	176	176	178	178			
60	148	148	147	147	146	146	144	144	144	144	145	145	146	146	148	148			
65	117	118	117	117	116	115	114	114	114	114	114	115	116	116	117	118			
70	87.1	87.6	87.1	86.8	85.7	85.1	83.8	83.5	83.9	83.7	84.4	84.8	85.8	86.3	87.2	87.5			
75	57.8	58.2	57.9	57.7	56.7	56.0	54.8	54.4	54.8	54.7	55.4	55.8	56.7	57.1	57.8	58.1			
80	30.1	30.6	30.3	30.3	29.5	29.0	27.9	27.6	28.0	27.9	28.5	28.8	29.6	29.9	30.4	30.5			
85	6.24	6.48	6.26	6.28	5.87	5.66	5.09	4.89	5.08	4.97	5.23	5.40	5.92	6.14	6.51	6.53			
90	0.34	0.37	0.34	0.38	0.34	0.39	0.34	0.40	0.43	0.39	0.43	0.38	0.42	0.37	0.40	0.36			
95	0.56	0.60	0.56	0.61	0.57	0.63	0.58	0.63	0.68	0.64	0.68	0.63	0.66	0.62	0.64	0.60			
100	0.85	0.90	0.86	0.91	0.87	0.92	0.89	0.94	1.00	0.95	0.99	0.93	0.97	0.92	0.95	0.90			
105	1.22	1.25	1.21	1.25	1.23	1.28	1.25	1.31	1.37	1.31	1.35	1.29	1.34	1.29	1.31	1.26			
110	1.59	1.59	1.55	1.60	1.58	1.63	1.61	1.67	1.76	1.69	1.72	1.66	1.71	1.64	1.67	1.63			
115	1.97	1.97	1.91	1.97	1.96	2.00	1.99	2.05	2.16	2.08	2.10	2.04	2.10	2.03	2.05	2.03			
120	2.32	2.32	2.27	2.32	2.31	2.37	2.35	2.42	2.55	2.47	2.47	2.42	2.48	2.39	2.42	2.39			
125	2.69	2.67	2.62	2.66	2.69	2.72	2.71	2.79	2.95	2.85	2.84	2.79	2.83	2.76	2.78	2.76			
130	3.02	3.01	2.97	3.02	3.04	3.09	3.06	3.14	3.30	3.21	3.21	3.15	3.20	3.11	3.13	3.10			
135	3.35	3.33	3.30	3.34	3.38	3.40	3.45	3.47	3.63	3.52	3.56	3.45	3.51	3.45	3.47	3.44			
140	3.65	3.63	3.63	3.68	3.72	3.73	3.73	3.78	3.92	3.82	3.86	3.80	3.83	3.75	3.76	3.73			
145	3.91	3.91	3.89	3.97	4.03	4.02	4.00	4.05	4.18	4.10	4.14	4.08	4.14	4.02	4.04	3.99			
150	4.15	4.12	4.11	4.19	4.24	4.24	4.20	4.28	4.39	4.31	4.39	4.32	4.36	4.27	4.29	4.20			
155	4.34	4.33	4.29	4.41	4.46	4.47	4.38	4.49	4.59	4.47	4.57	4.57	4.62	4.53	4.48	4.39			
160	4.55	4.52	4.48	4.62	4.67	4.66	4.58	4.68	4.74	4.63	4.71	4.75	4.80	4.68	4.64	4.55			
165	4.72	4.73	4.69	4.82	4.86	4.86	4.82	4.91	4.92	4.83	4.87	4.90	4.95	4.84	4.78	4.75			
170	4.92	4.97	4.92	5.05	5.02	5.05	5.04	5.15	5.10	5.08	5.07	4.99	5.01	4.96	4.96	4.97			
175	5.13	5.20	5.21	5.24	5.15	5.22	5.25	5.33	5.27	5.28	5.31	5.19	5.14	5.12	5.20	5.16			
180	5.35	5.36	5.42	5.37	5.31	5.30	5.37	5.37	5.35	5.36	5.42	5.35	5.34	5.27	5.36	5.35			

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