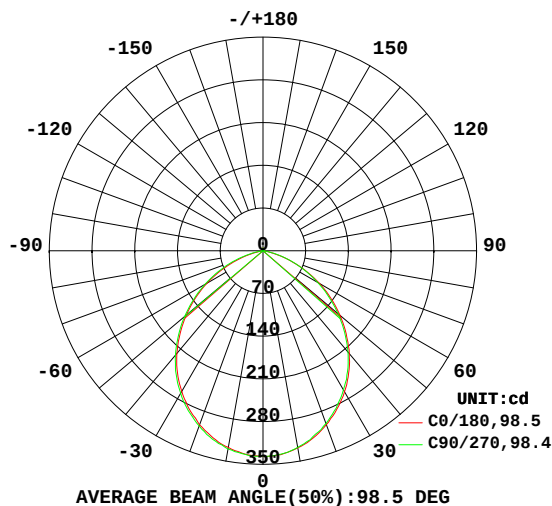


LUMINAIRE PHOTOMETRIC TEST REPORT

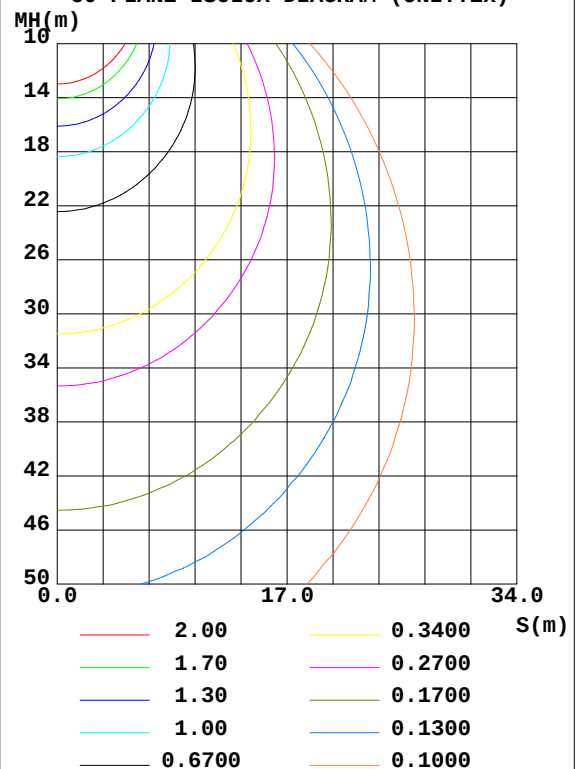
Test:U:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 83.82 lm/W			
MODEL	2835 52 4000K	I _{max} (cd)	338.0	S/MH(C0/180)	1.18
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	791.91	η UP, DN(C0-180)	0.8, 48.7
NOMINAL FLUX(lm)	791.907	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 49.7
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:2025-05-26

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:

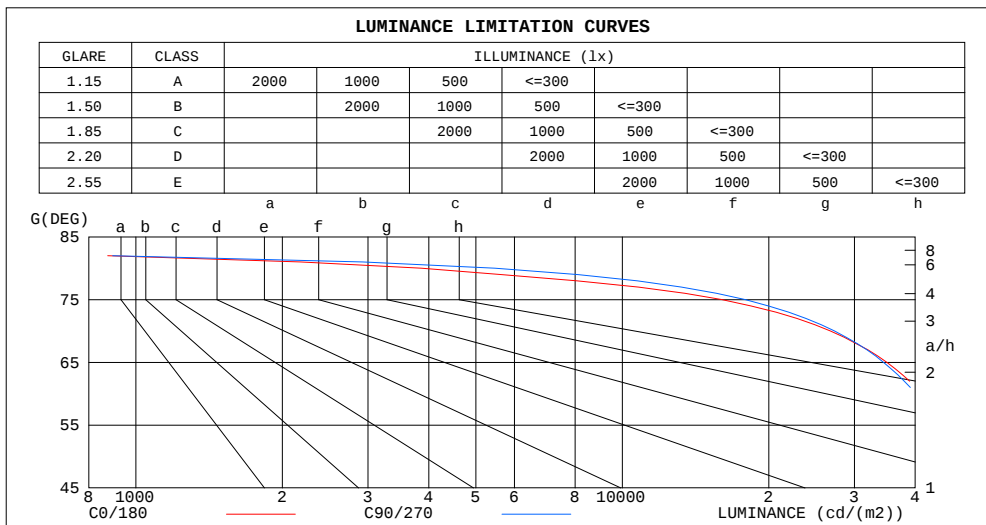
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	327.9	327.5	327.3	326.8	327.3	328.8	329.9	329.5	0- 10	31.76	31.76	4.01,4.01
20	303.4	302.2	301.6	301.6	303.7	304.7	305.5	305.7	10- 20	89.52	121.3	15.3,15.3
30	267.0	265.2	263.5	264.1	266.3	267.9	269.9	270.4	20- 30	131.9	253.2	32,32
40	220.0	218.1	216.6	216.8	219.6	221.6	223.4	223.4	30- 40	152.9	406.1	51.3,51.3
50	164.8	162.4	160.9	161.3	164.1	165.9	167.4	168.2	40- 50	148.5	554.6	70,70
60	106.4	104.6	103.3	103.8	105.1	107.8	109.3	110.0	50- 60	121.0	675.6	85.3,85.3
70	47.15	49.15	48.06	48.45	46.24	51.47	52.82	53.47	60- 70	76.59	752.2	95,95
80	3.454	5.671	4.893	5.081	3.165	6.491	7.022	7.462	70- 80	26.67	778.8	98.3,98.3
90	0.2207	0.2388	0.1607	0.2571	0.2437	0.2756	0.2207	0.2756	80- 90	0.9444	779.8	98.5,98.5
100	0.4771	0.5047	0.5142	0.5277	0.5517	0.5563	0.5517	0.5426	90-100	0.3815	780.2	98.5,98.5
110	1.083	1.106	1.138	1.139	1.172	1.145	1.135	1.126	100-110	0.8554	781.0	98.6,98.6
120	1.791	1.768	1.800	1.818	1.893	1.811	1.806	1.797	110-120	1.454	782.5	98.8,98.8
130	2.457	2.411	2.471	2.489	2.615	2.491	2.500	2.463	120-130	1.923	784.4	99.1,99.1
140	3.017	3.013	3.091	3.109	3.198	3.120	3.074	3.060	130-140	2.150	786.5	99.3,99.3
150	3.472	3.450	3.610	3.532	3.652	3.588	3.611	3.556	140-150	2.088	788.6	99.6,99.6
160	3.817	3.780	3.941	3.872	3.946	3.909	3.965	3.836	150-160	1.720	790.3	99.8,99.8
170	4.162	4.180	4.249	4.295	4.277	4.236	4.194	4.158	160-170	1.145	791.5	99.9,99.9
180	4.502	4.575	4.502	4.571	4.497	4.571	4.520	4.566	170-180	0.4146	791.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:



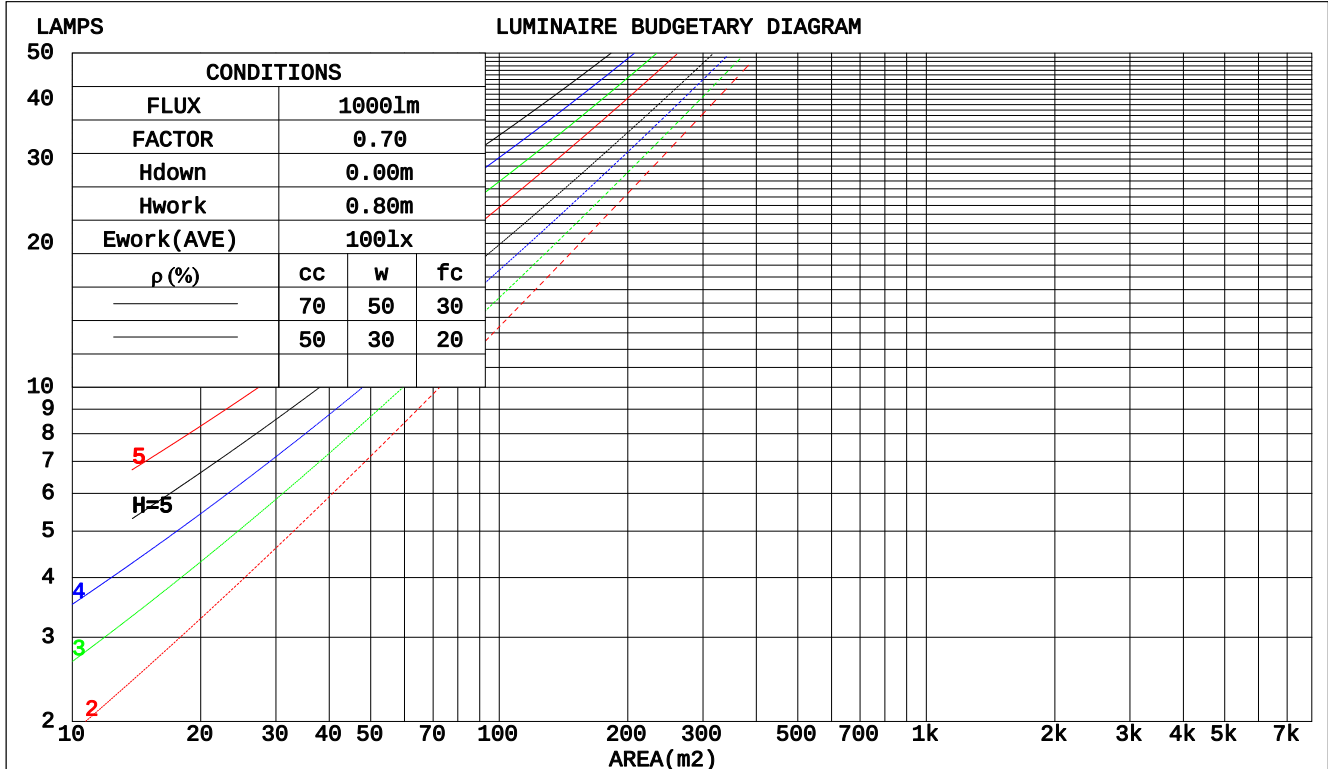
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	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	1.06	1.02	.99	1.04	1.00	.97	.99	.96	.94	.95	.93	.91	.91	.89	.88	.86
2.0	.94	.88	.82	.92	.86	.81	.88	.83	.79	.85	.81	.77	.81	.78	.75	.73
3.0	.83	.76	.70	.81	.75	.69	.78	.72	.68	.75	.70	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.64	.58	.68	.62	.57	.65	.61	.57	.54
5.0	.67	.58	.52	.65	.58	.52	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.46	.57	.50	.45	.56	.49	.45	.54	.48	.44	.42
7.0	.55	.46	.41	.54	.46	.40	.52	.45	.40	.51	.44	.40	.49	.44	.39	.37
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.34
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm					
NAME: DL1570-BK5C10S02			TYPE:		WEIGHT:
SPEC.: black RA80 3000K+5700K			DIM.:		SERIAL No.:
MFR.:			SUR.: 81mm		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	.264	.150	.048	.257	.146	.046	.243	.139	.044	.230	.133	.043	.218	.126	.041	
2.0	.258	.141	.043	.251	.138	.043	.239	.133	.041	.228	.128	.040	.217	.123	.039	
3.0	.244	.130	.039	.238	.127	.038	.227	.123	.037	.217	.119	.037	.208	.115	.036	
4.0	.229	.119	.035	.224	.117	.035	.214	.113	.034	.205	.110	.033	.197	.107	.033	
5.0	.214	.109	.032	.209	.107	.031	.201	.105	.031	.193	.102	.030	.185	.099	.030	
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.181	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.184	.092	.026	.177	.090	.026	.171	.088	.025	.165	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	
10.0	.157	.075	.021	.154	.074	.021	.149	.073	.021	.144	.072	.020	.140	.070	.020	

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	.189	.168	.150	.162	.144	.129	.111	.099	.089	.064	.058	.052	.020	.019	.017	
2.0	.180	.144	.114	.154	.124	.099	.105	.086	.069	.061	.050	.040	.019	.016	.013	
3.0	.171	.126	.090	.147	.109	.078	.101	.076	.055	.058	.044	.032	.019	.014	.011	
4.0	.164	.112	.073	.141	.097	.064	.097	.068	.045	.056	.040	.027	.018	.013	.009	
5.0	.157	.102	.062	.134	.088	.054	.093	.062	.038	.054	.036	.022	.017	.012	.007	
6.0	.150	.093	.053	.129	.081	.046	.089	.057	.033	.052	.033	.019	.017	.011	.006	
7.0	.143	.087	.047	.123	.075	.041	.085	.053	.029	.049	.031	.017	.016	.010	.006	
8.0	.137	.081	.042	.118	.070	.037	.082	.049	.026	.048	.029	.015	.015	.010	.005	
9.0	.131	.076	.038	.113	.066	.033	.078	.046	.024	.046	.027	.014	.015	.009	.005	
10.0	.126	.072	.035	.109	.062	.031	.075	.044	.022	.044	.026	.013	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm											
NAME: DL1570-BK5C10S02					TYPE:			WEIGHT:			
SPEC.: black RA80 3000K+5700K					DIM.:			SERIAL No.:			
MFR.:					SUR.: 81mm			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		26.7	28.1	27.0	28.3	28.5	26.6	28.0	26.9	28.2	28.4
	3H	27.5	28.8	27.8	29.0	29.3	27.4	28.7	27.8	29.0	29.2
	4H	27.6	28.8	28.0	29.1	29.4	27.6	28.8	27.9	29.1	29.4
	6H	27.6	28.7	27.9	29.0	29.3	27.6	28.7	27.9	29.0	29.3
	8H	27.5	28.6	27.9	28.9	29.2	27.5	28.6	27.9	28.9	29.2
	12H	27.5	28.5	27.8	28.8	29.2	27.5	28.5	27.8	28.8	29.2
4H	2H	27.1	28.3	27.4	28.6	28.9	27.0	28.2	27.3	28.5	28.8
	3H	28.0	29.1	28.4	29.4	29.7	28.0	29.0	28.4	29.4	29.7
	4H	28.2	29.1	28.6	29.5	29.8	28.2	29.2	28.6	29.5	29.9
	6H	28.2	29.0	28.6	29.4	29.8	28.2	29.0	28.6	29.4	29.8
	8H	28.1	28.9	28.5	29.3	29.7	28.2	28.9	28.6	29.3	29.7
	12H	28.1	28.8	28.5	29.2	29.6	28.1	28.8	28.6	29.2	29.7
8H	4H	28.2	29.0	28.6	29.4	29.8	28.2	29.0	28.7	29.4	29.8
	6H	28.2	28.8	28.7	29.3	29.7	28.2	28.9	28.7	29.3	29.8
	8H	28.2	28.7	28.6	29.2	29.6	28.2	28.8	28.7	29.2	29.7
	12H	28.1	28.6	28.6	29.1	29.6	28.2	28.6	28.7	29.1	29.6
12H	4H	28.2	28.9	28.6	29.3	29.7	28.2	28.9	28.6	29.3	29.7
	6H	28.2	28.7	28.6	29.2	29.6	28.2	28.8	28.7	29.2	29.7
	8H	28.1	28.6	28.6	29.1	29.6	28.2	28.6	28.7	29.1	29.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					
2.0H	+ 0.6 / - 0.6					+ 0.6 / - 0.6					

CIE Pub.117, 791.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.00515 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

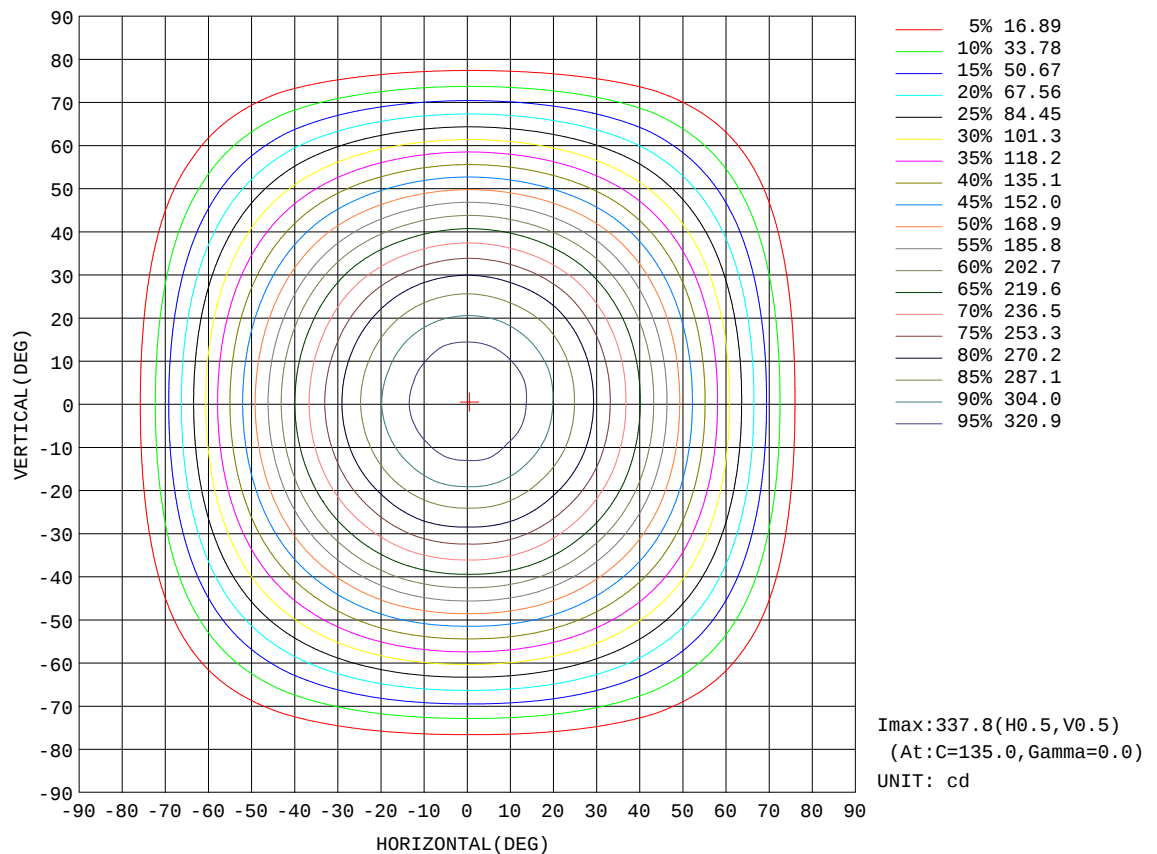
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	43	59	49	43	37
0.80	71	61	54	70	60	54	68	59	53	47
1.00	80	70	63	79	69	63	76	70	62	55
1.25	87	77	71	85	77	70	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	95	89	99	93	88	95	90	86	78
3.00	104	98	94	102	97	93	98	94	90	82
4.00	108	103	99	106	101	98	101	98	95	86
5.00	110	106	102	108	104	101	103	100	97	88
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:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

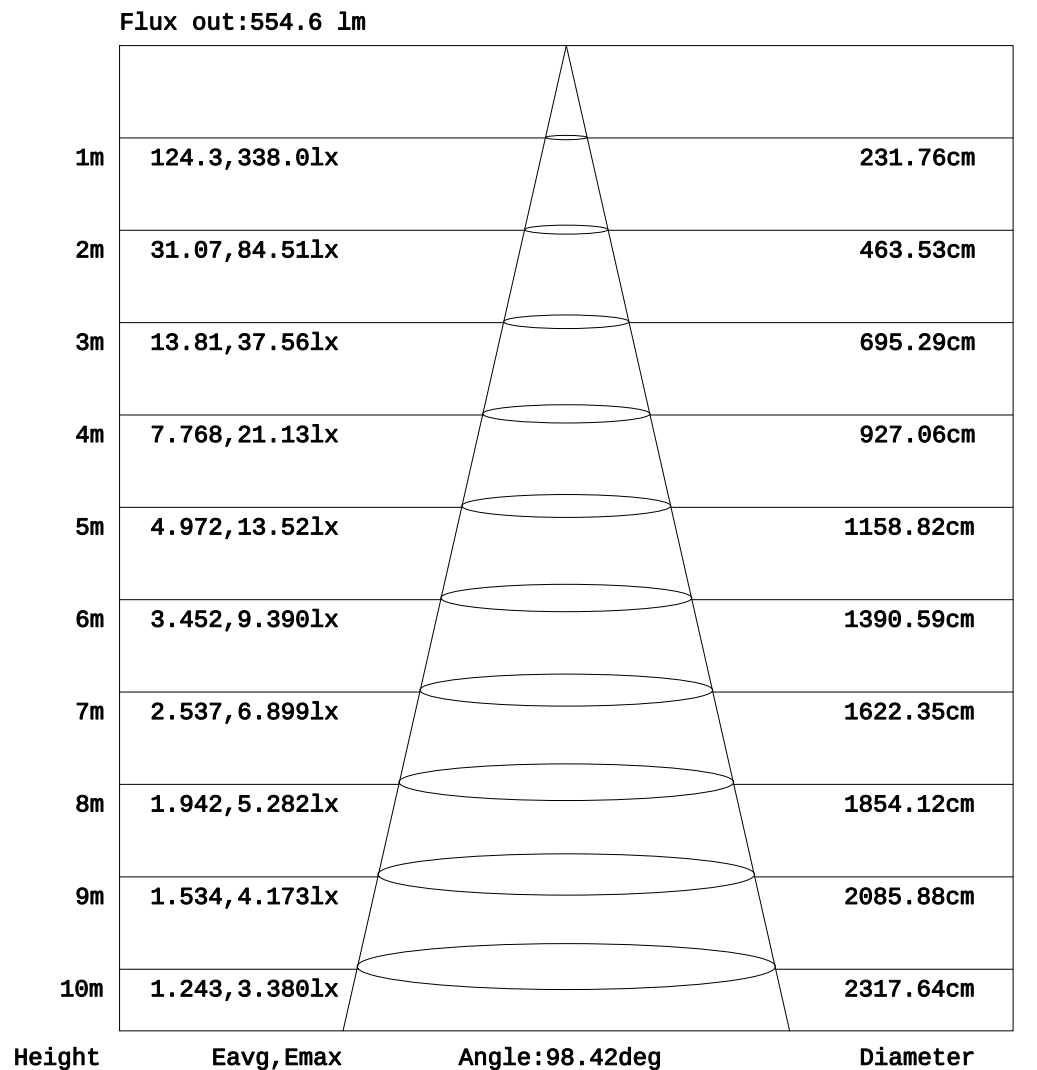


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:



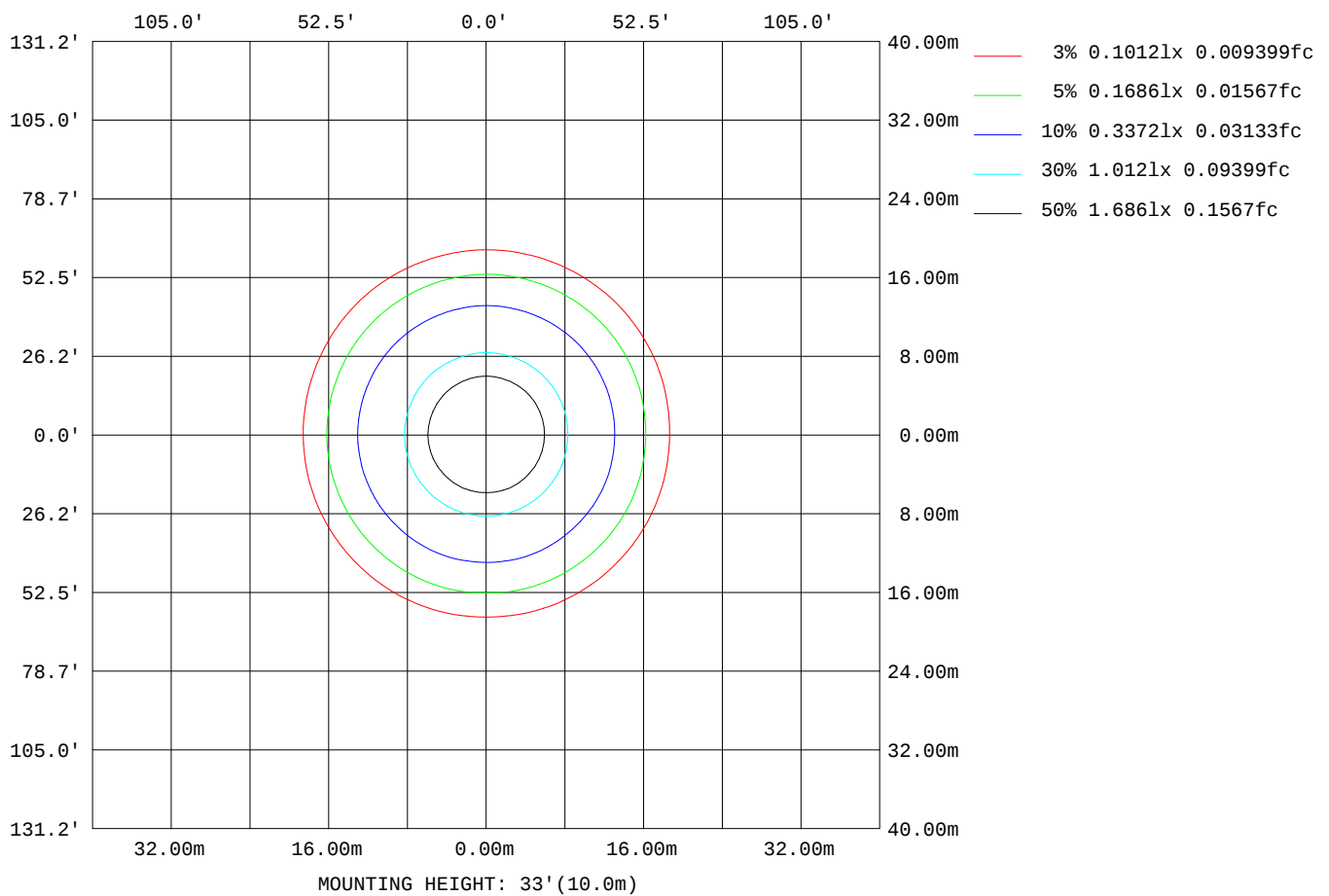
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

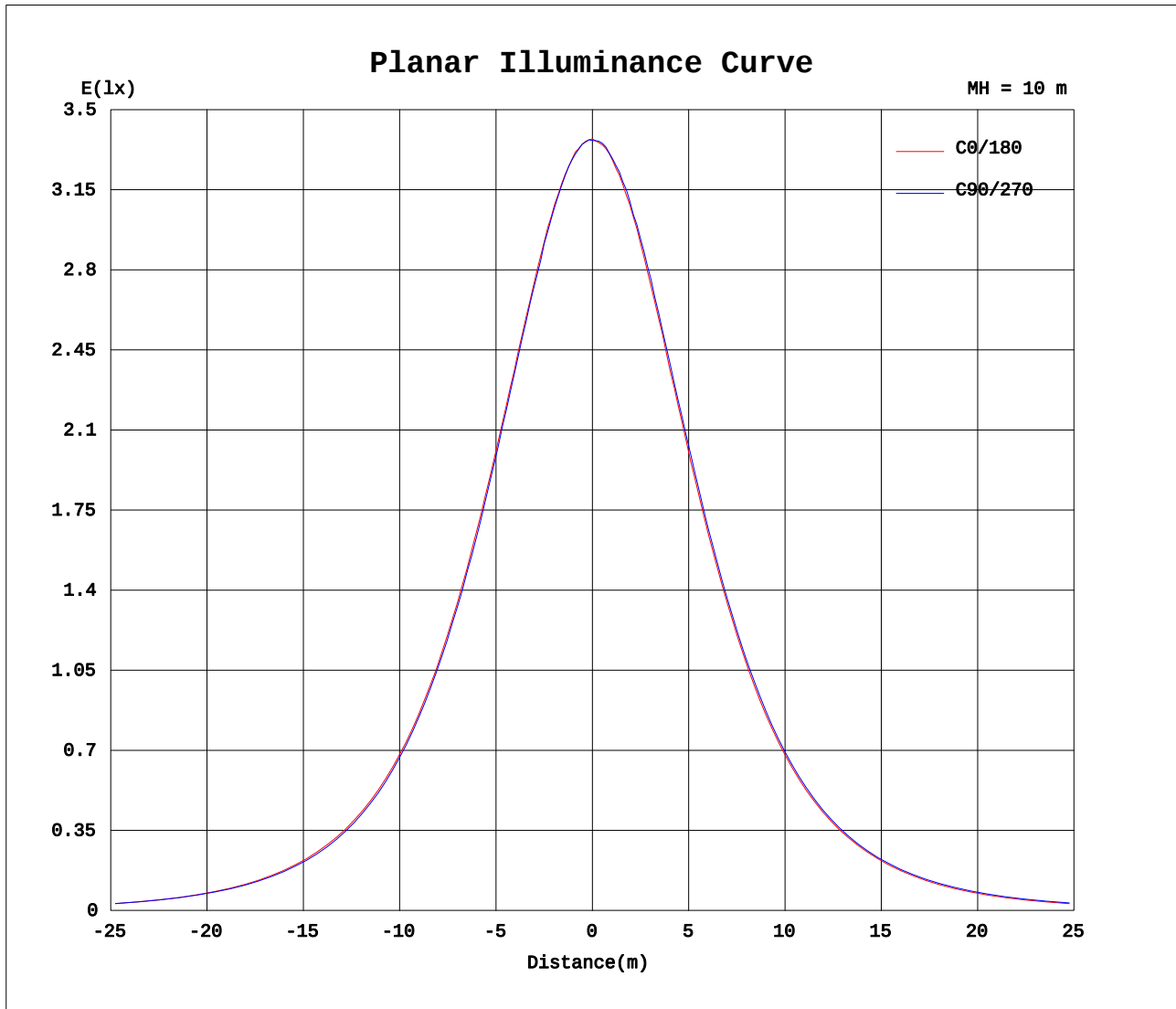
AvgL	cd/m2
L_0~180(65)av	34724
L_0~180(75)av	15687
L_0~180(85)av	548
L_90~270(65)av	35686
L_90~270(75)av	19261
L_90~270(85)av	368
L_45(65)av	35863
L_45(75)av	19434
L_45(85)av	543

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2025-05-26

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: 2025-05-26

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:230.91V I:0.0457A P:9.4471W PF:0.8947 Freq:49.99Hz Lamp Flux:791.907x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	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	337	336	337	338	337	337	338	337	337	336	337	338	337	337	338	337			
5	335	335	334	335	335	334	335	335	335	335	335	336	335	336	336	336			
10	328	328	327	327	327	327	327	327	327	328	329	329	330	330	330	329			
15	318	318	317	317	315	317	316	316	317	317	319	320	320	319	319	319			
20	303	303	302	302	302	302	302	302	304	303	305	305	306	306	306	306			
25	287	286	285	285	284	285	284	285	286	287	288	289	289	289	289	288			
30	267	267	265	266	263	265	264	265	266	267	268	269	270	269	270	269			
35	245	245	243	243	241	243	242	243	245	245	246	247	248	248	248	247			
40	220	220	218	218	217	217	217	218	220	219	222	222	223	223	223	222			
45	193	193	191	191	189	190	189	191	192	192	194	195	196	196	196	195			
50	165	164	162	162	161	162	161	162	164	164	166	166	167	168	168	167			
55	136	135	133	133	132	133	133	134	135	135	137	137	139	138	139	138			
60	106	106	105	104	103	104	104	105	105	106	108	108	109	109	110	109			
65	76.1	76.3	76.4	76.0	74.9	75.4	75.5	75.1	75.0	76.2	79.2	79.5	80.5	80.5	81.1	79.1			
70	47.2	47.7	49.1	49.0	48.1	48.4	48.4	46.7	46.2	47.5	51.5	52.0	52.8	52.9	53.5	50.3			
75	21.3	22.1	24.9	24.6	23.8	24.0	24.1	21.5	20.5	21.7	26.6	26.9	27.5	27.6	28.1	24.3			
80	3.45	4.93	5.67	5.39	4.89	5.08	5.08	4.89	3.17	4.74	6.49	6.53	7.02	7.11	7.46	6.34			
85	0.25	0.24	0.23	0.20	0.16	0.20	0.24	0.26	0.24	0.25	0.25	0.21	0.17	0.22	0.25	0.27			
90	0.22	0.28	0.24	0.25	0.16	0.25	0.26	0.29	0.24	0.28	0.28	0.22	0.22	0.22	0.28	0.28			
95	0.27	0.31	0.30	0.36	0.31	0.38	0.34	0.32	0.35	0.31	0.39	0.33	0.34	0.33	0.38	0.31			
100	0.48	0.50	0.50	0.54	0.51	0.55	0.53	0.53	0.55	0.52	0.56	0.52	0.55	0.52	0.54	0.50			
105	0.75	0.77	0.78	0.81	0.80	0.82	0.81	0.81	0.83	0.81	0.83	0.80	0.82	0.80	0.81	0.79			
110	1.08	1.09	1.11	1.12	1.14	1.14	1.14	1.13	1.17	1.15	1.14	1.13	1.14	1.13	1.13	1.12			
115	1.46	1.42	1.44	1.45	1.47	1.48	1.47	1.48	1.53	1.50	1.49	1.47	1.48	1.47	1.47	1.47			
120	1.79	1.74	1.77	1.77	1.80	1.79	1.82	1.82	1.89	1.85	1.81	1.81	1.81	1.80	1.80	1.82			
125	2.13	2.09	2.09	2.10	2.15	2.14	2.17	2.18	2.28	2.22	2.16	2.16	2.15	2.14	2.13	2.17			
130	2.46	2.40	2.41	2.42	2.47	2.46	2.49	2.51	2.61	2.55	2.49	2.48	2.50	2.47	2.46	2.49			
135	2.76	2.69	2.74	2.74	2.79	2.77	2.83	2.82	2.90	2.84	2.84	2.77	2.80	2.76	2.78	2.78			
140	3.02	2.98	3.01	3.05	3.09	3.10	3.11	3.11	3.20	3.13	3.12	3.09	3.07	3.06	3.06	3.03			
145	3.27	3.22	3.26	3.32	3.42	3.37	3.35	3.36	3.44	3.39	3.40	3.36	3.39	3.33	3.35	3.27			
150	3.47	3.43	3.45	3.52	3.61	3.58	3.53	3.57	3.65	3.59	3.59	3.62	3.61	3.56	3.56	3.49			
155	3.64	3.61	3.62	3.70	3.80	3.75	3.71	3.76	3.82	3.74	3.76	3.81	3.85	3.75	3.70	3.67			
160	3.82	3.78	3.78	3.87	3.94	3.91	3.87	3.95	3.95	3.90	3.91	3.95	3.96	3.90	3.84	3.82			
165	3.99	3.96	3.96	4.07	4.10	4.08	4.08	4.13	4.13	4.10	4.06	4.11	4.12	4.08	3.97	4.00			
170	4.16	4.14	4.18	4.26	4.25	4.26	4.29	4.33	4.28	4.30	4.24	4.22	4.19	4.20	4.16	4.20			
175	4.34	4.35	4.41	4.42	4.38	4.40	4.48	4.48	4.39	4.47	4.46	4.40	4.33	4.37	4.38	4.38			
180	4.50	4.50	4.58	4.52	4.50	4.49	4.57	4.52	4.50	4.50	4.57	4.52	4.52	4.49	4.57	4.53			

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