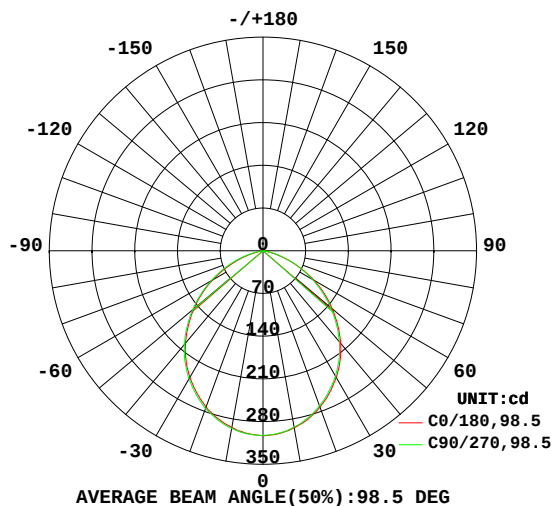


LUMINAIRE PHOTOMETRIC TEST REPORT

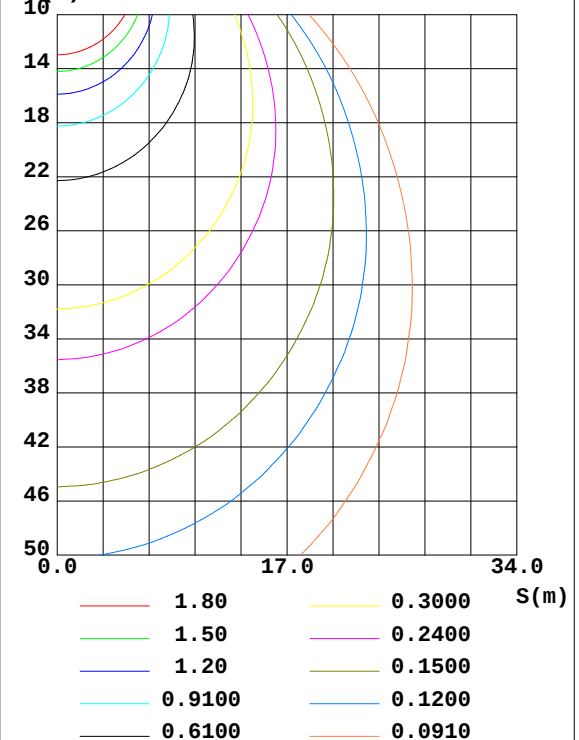
Test:U:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 71.43 lm/W			
MODEL	2835 52 5700K	I _{max} (cd)	303.4	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)	711.51	η UP, DN(C0-180)	0.8, 48.7
NOMINAL FLUX(lm)	711.512	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:

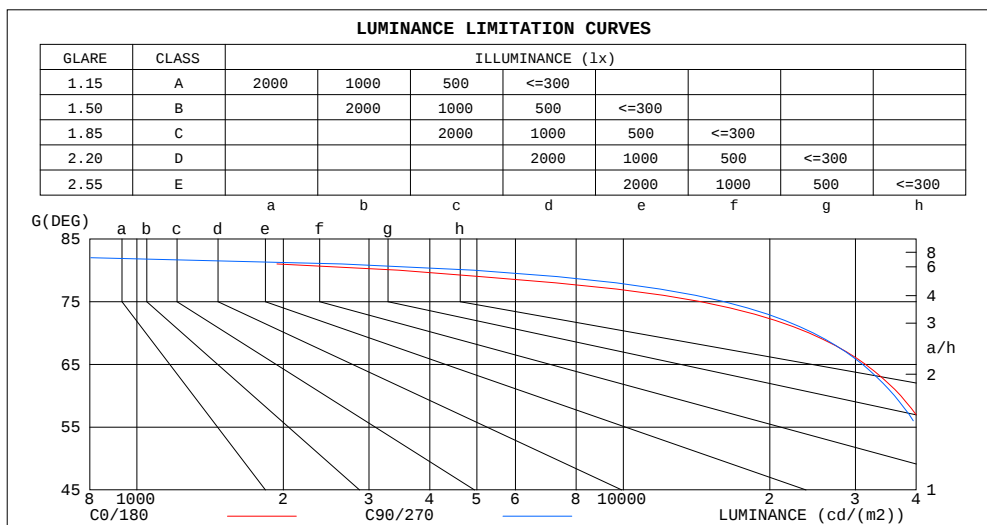
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	294.6	294.0	293.3	293.3	294.1	295.4	295.6	295.5	0- 10	28.50	28.50	4,4
20	272.6	271.8	270.3	270.4	272.7	274.7	275.4	275.3	10- 20	80.35	108.8	15.3,15.3
30	239.6	237.9	237.1	236.9	239.5	241.3	242.5	242.4	20- 30	118.4	227.3	31.9,31.9
40	198.0	195.9	194.7	194.6	197.5	199.3	200.7	200.7	30- 40	137.3	364.6	51.2,51.2
50	148.1	146.1	144.3	144.7	147.7	149.3	150.7	151.2	40- 50	133.4	498.0	70,70
60	95.77	94.44	92.96	93.40	94.83	97.29	98.31	98.82	50- 60	108.9	606.9	85.3,85.3
70	42.43	44.35	43.27	43.57	41.70	46.45	47.52	48.07	60- 70	68.89	675.8	95,95
80	3.089	5.093	4.407	4.559	2.823	5.878	6.322	6.689	70- 80	24.00	699.8	98.4,98.4
90	0.1931	0.2021	0.1332	0.2114	0.2115	0.2435	0.1885	0.2389	80- 90	0.8409	700.7	98.5,98.5
100	0.4174	0.4359	0.4544	0.4498	0.4921	0.4967	0.4920	0.4874	90-100	0.3335	701.0	98.5,98.5
110	0.9548	0.9823	1.001	1.005	1.057	1.039	1.030	1.020	100-110	0.7603	701.8	98.6,98.6
120	1.584	1.575	1.598	1.612	1.714	1.636	1.627	1.613	110-120	1.303	703.1	98.8,98.8
130	2.200	2.167	2.218	2.241	2.343	2.242	2.233	2.192	120-130	1.719	704.8	99.1,99.1
140	2.710	2.705	2.774	2.783	2.853	2.794	2.748	2.748	130-140	1.924	706.7	99.3,99.3
150	3.123	3.096	3.247	3.165	3.267	3.216	3.226	3.179	140-150	1.869	708.6	99.6,99.6
160	3.427	3.408	3.541	3.486	3.560	3.492	3.560	3.437	150-160	1.540	710.1	99.8,99.8
170	3.734	3.757	3.817	3.854	3.841	3.818	3.776	3.721	160-170	1.028	711.1	99.9,99.9
180	4.038	4.093	4.042	4.088	4.033	4.102	4.038	4.084	170-180	0.3718	711.5	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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	481	297
80	3454	4928
75	14396	16083
70	24086	24564
65	31450	31015
60	37194	36101
55	41503	40247
50	44750	43604
45	47644	46683

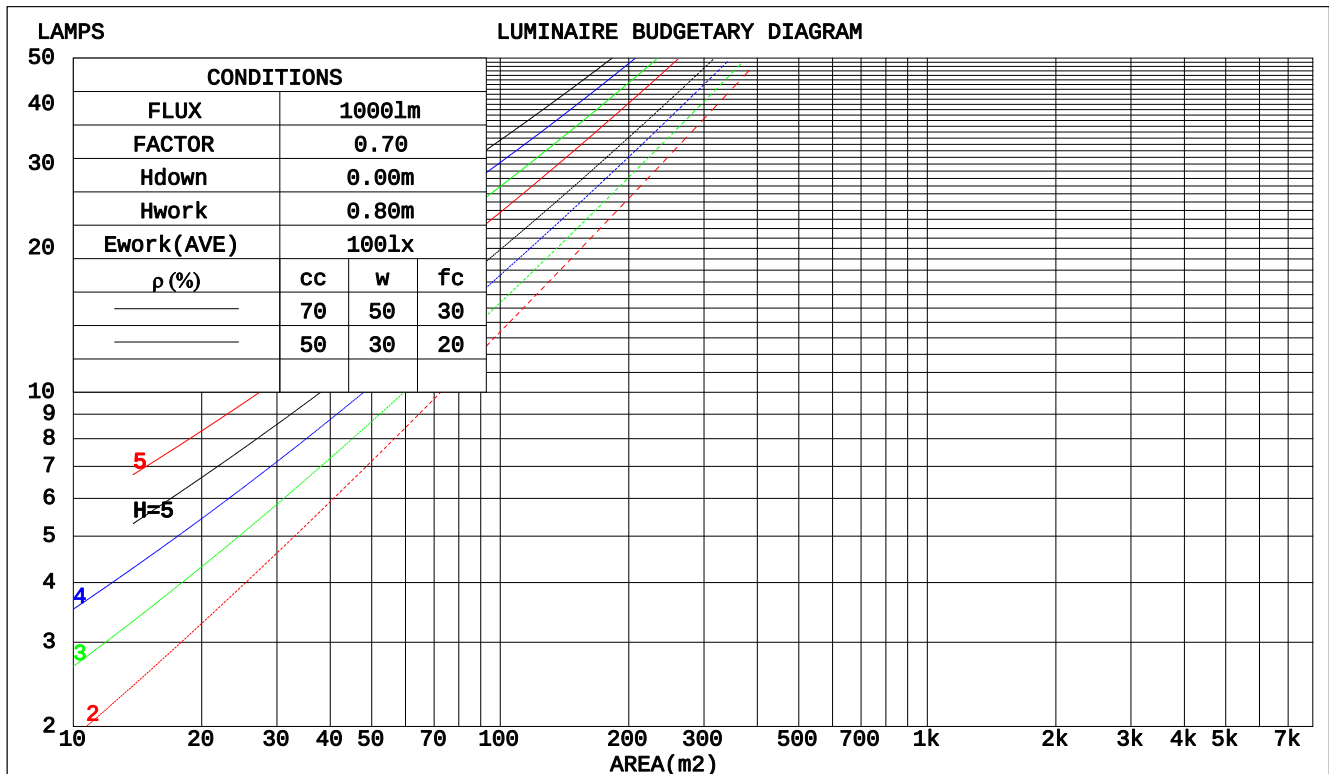
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-26

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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 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						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	1.06	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	.45	.57	.50	.45	.56	.49	.44	.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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 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	.128	.038	.227	.123	.037	.217	.119	.037	.208	.115	.036	
4.0	.229	.119	.035	.224	.117	.035	.214	.114	.034	.205	.110	.033	.197	.107	.033	
5.0	.214	.109	.032	.209	.108	.031	.201	.105	.031	.193	.102	.030	.186	.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	.057	.052	.020	.019	.017	
2.0	.179	.144	.114	.154	.124	.098	.105	.086	.069	.061	.050	.040	.019	.016	.013	
3.0	.171	.126	.090	.147	.109	.078	.101	.075	.055	.058	.044	.032	.019	.014	.011	
4.0	.164	.112	.073	.140	.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	.086	.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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 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	29.1	29.3	27.5	28.7	27.8	29.0	29.2
	4H	27.6	28.9	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	29.2	28.6	29.5	29.9	28.2	29.2	28.6	29.5	29.9
	6H	28.2	29.0	28.6	29.4	29.8	28.2	29.1	28.6	29.4	29.8
	8H	28.1	28.9	28.6	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	28.7	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	29.7	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	29.7	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, 711.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)
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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

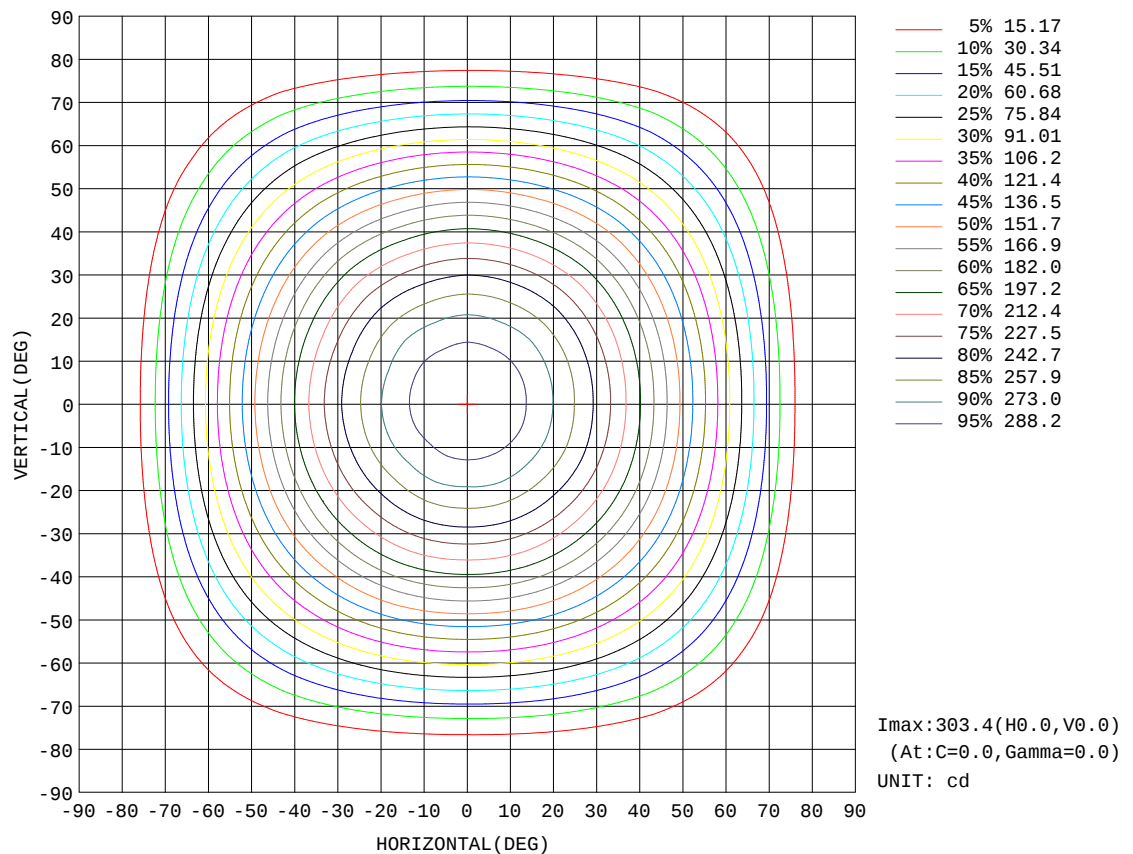
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	43	59	49	43	37
0.80	71	61	54	70	60	54	68	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	92	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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

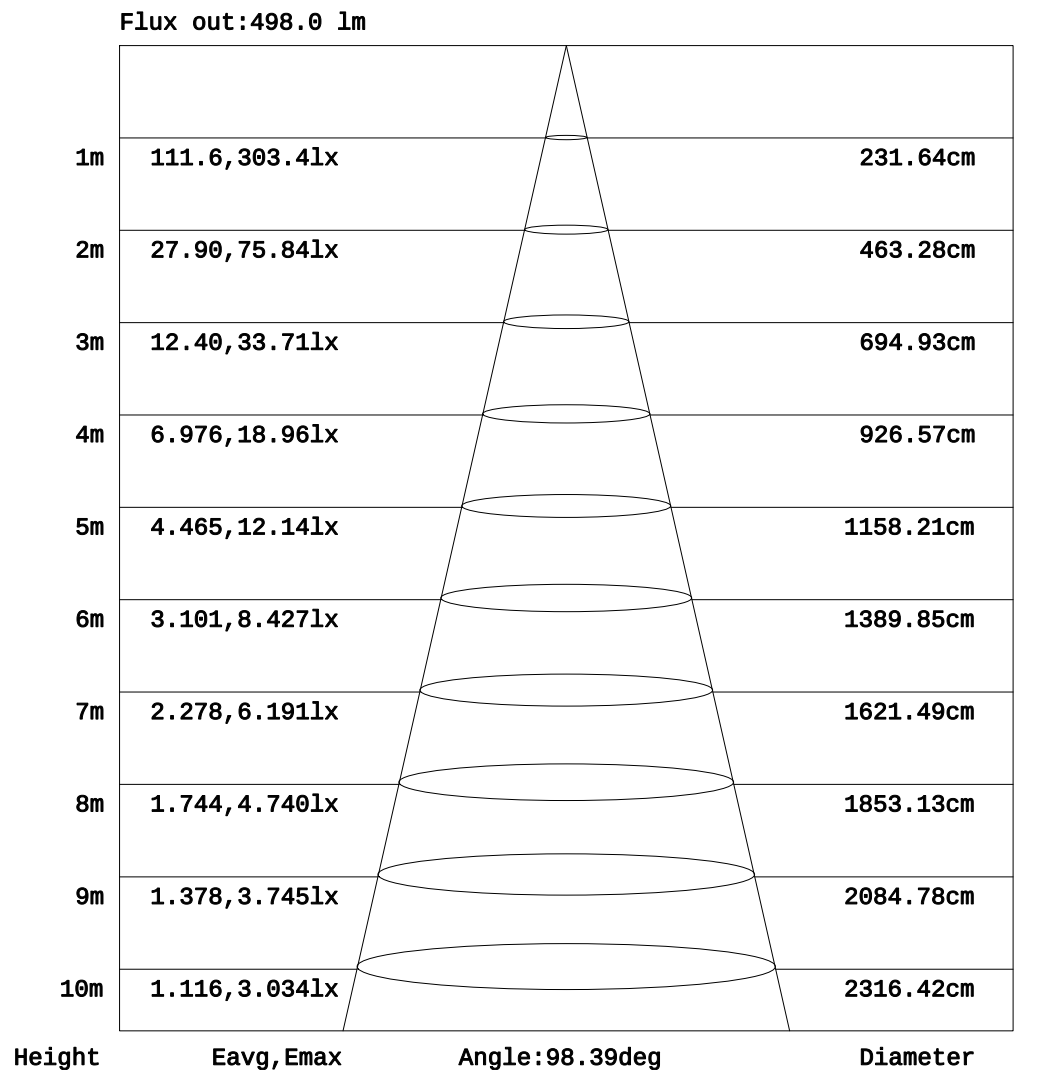


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-26

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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:



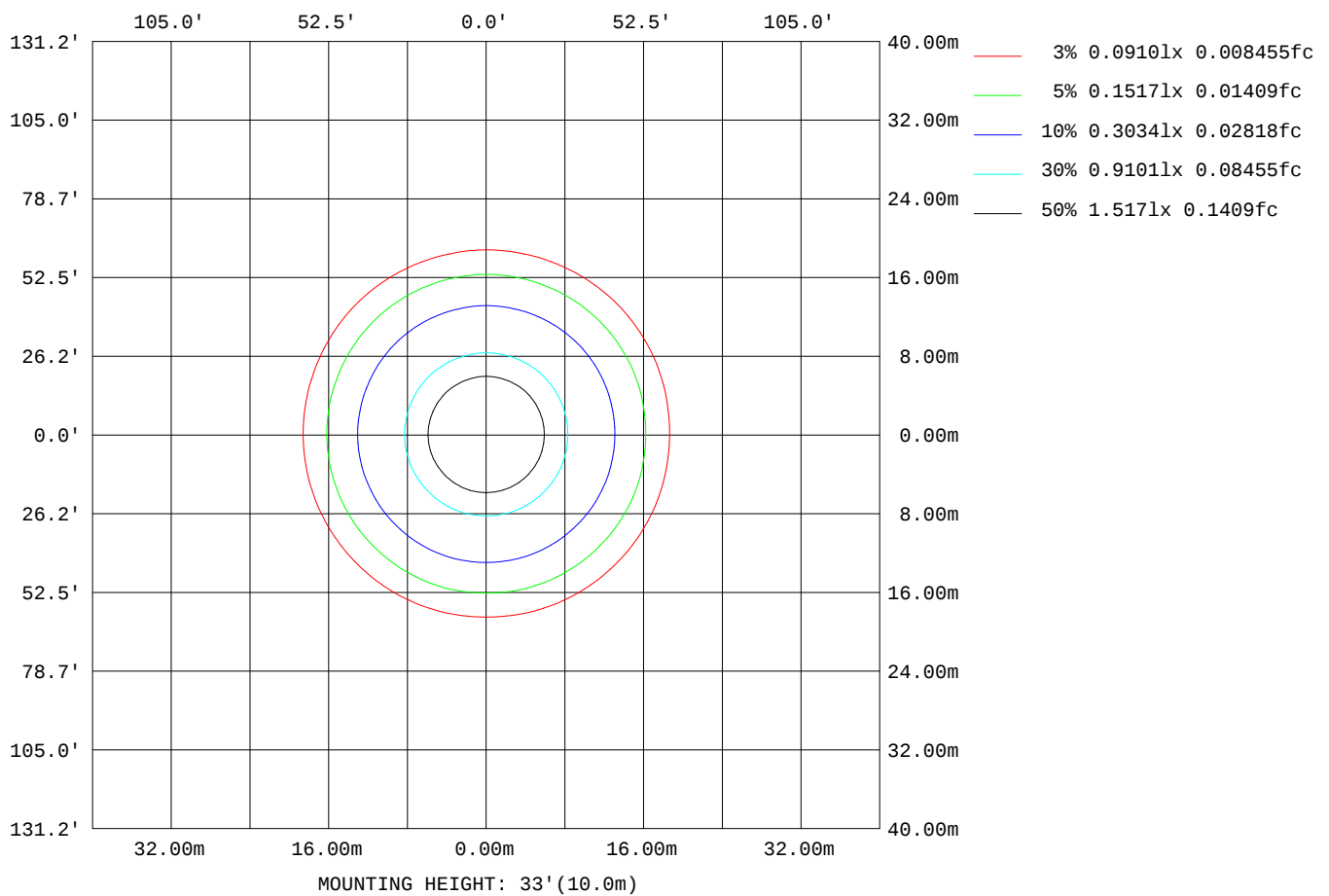
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 lm		
NAME: DL1570-BK5C10S02	TYPE:	WEIGHT:
SPEC.: black RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 81mm	Shielding Angle:

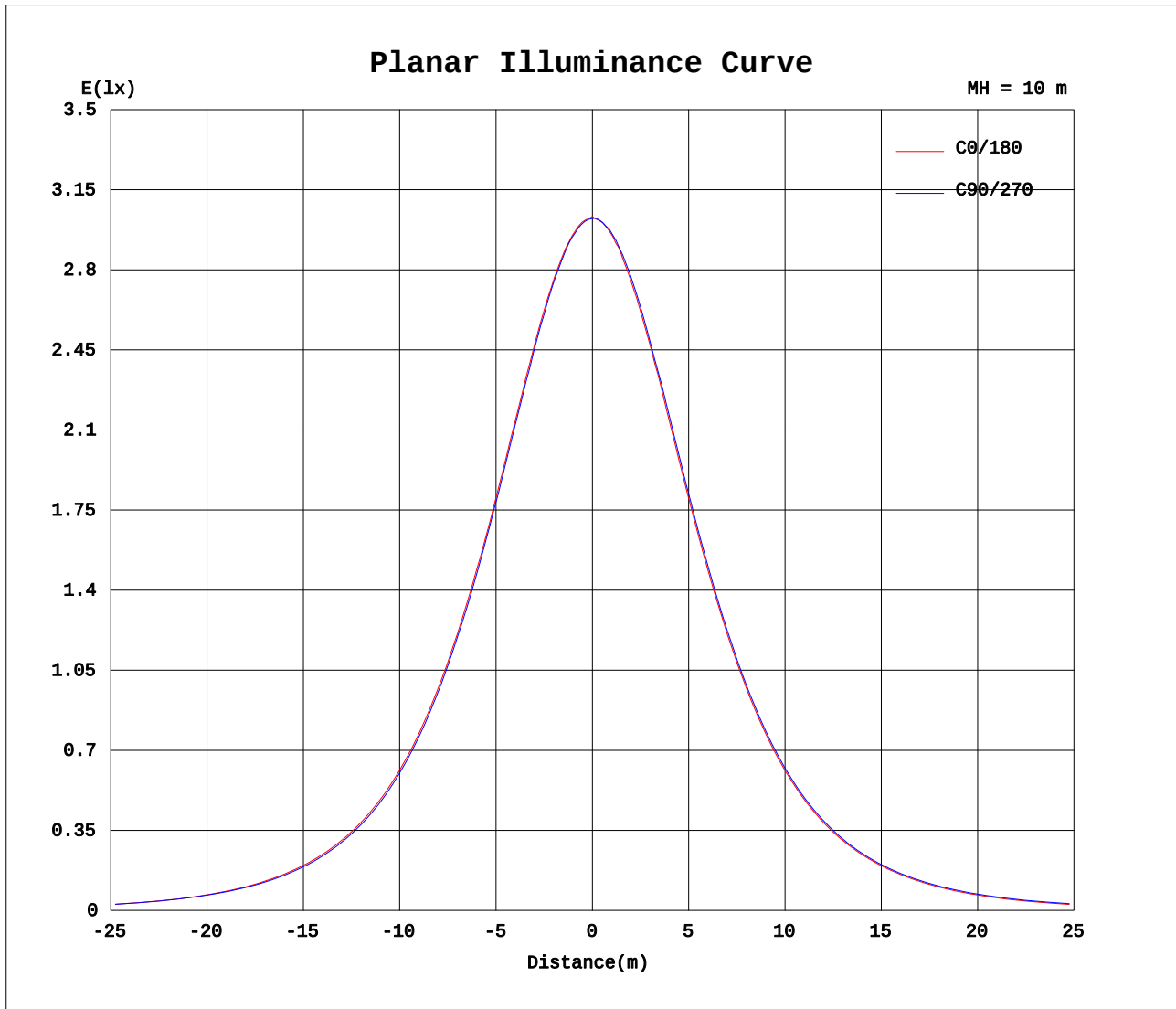
AvgL	cd/m2
L_0~180(65)av	31271
L_0~180(75)av	14124
L_0~180(85)av	476
L_90~270(65)av	32138
L_90~270(75)av	17338
L_90~270(85)av	312
L_45(65)av	32286
L_45(75)av	17494
L_45(85)av	473

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:230.94V I:0.0475A P:9.9616W PF:0.9074 Freq:49.99Hz Lamp Flux:711.512x1 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	303	303	303	302	302	303	302	302	303	303	303	302	302	303	302	302			
5	301	301	301	300	300	300	300	300	300	301	301	301	301	301	301	301			
10	295	294	294	294	293	294	293	294	294	294	295	295	296	295	295	295			
15	286	285	284	285	284	284	284	284	285	285	286	286	287	287	287	286			
20	273	273	272	272	270	271	270	272	273	272	275	274	275	274	275	274			
25	257	258	256	256	255	256	255	256	257	257	259	258	260	259	260	259			
30	240	240	238	238	237	238	237	238	239	240	241	241	243	242	242	241			
35	220	220	218	218	217	218	217	218	220	220	222	221	223	222	223	221			
40	198	197	196	196	195	195	195	196	198	198	199	199	201	200	201	199			
45	174	173	172	171	170	171	170	172	173	173	175	175	176	176	177	175			
50	148	148	146	146	144	145	145	146	148	148	149	149	151	150	151	150			
55	123	122	120	120	119	119	119	120	122	122	123	124	124	125	125	124			
60	95.8	95.6	94.4	93.7	93.0	93.4	93.4	94.1	94.8	95.7	97.3	97.3	98.3	98.3	98.8	97.9			
65	68.4	68.7	68.8	68.3	67.5	67.9	67.9	67.7	67.7	68.7	71.5	71.5	72.4	72.4	72.9	71.1			
70	42.4	42.9	44.3	44.0	43.3	43.6	43.6	42.0	41.7	42.9	46.4	46.8	47.5	47.6	48.1	45.1			
75	19.2	19.9	22.4	22.1	21.4	21.6	21.6	19.4	18.5	19.5	24.0	24.1	24.8	24.8	25.2	21.8			
80	3.09	4.42	5.09	4.86	4.41	4.57	4.56	4.40	2.82	4.26	5.88	5.90	6.32	6.38	6.69	5.68			
85	0.22	0.22	0.21	0.17	0.13	0.17	0.21	0.22	0.21	0.23	0.22	0.18	0.15	0.19	0.22	0.23			
90	0.19	0.25	0.20	0.21	0.13	0.22	0.21	0.26	0.21	0.23	0.24	0.19	0.19	0.20	0.24	0.23			
95	0.22	0.27	0.27	0.32	0.26	0.33	0.29	0.28	0.30	0.28	0.34	0.28	0.31	0.28	0.33	0.27			
100	0.42	0.46	0.44	0.48	0.45	0.49	0.45	0.47	0.49	0.45	0.50	0.46	0.49	0.45	0.49	0.44			
105	0.65	0.69	0.70	0.73	0.71	0.74	0.71	0.72	0.75	0.71	0.75	0.71	0.73	0.70	0.74	0.70			
110	0.95	0.98	0.98	1.01	1.00	1.02	1.01	1.02	1.06	1.01	1.04	1.00	1.03	1.00	1.02	1.00			
115	1.29	1.29	1.28	1.31	1.30	1.33	1.32	1.33	1.40	1.35	1.35	1.32	1.34	1.31	1.32	1.31			
120	1.58	1.57	1.57	1.59	1.60	1.61	1.61	1.63	1.71	1.65	1.64	1.62	1.63	1.60	1.61	1.62			
125	1.90	1.87	1.87	1.88	1.91	1.92	1.92	1.95	2.04	1.98	1.94	1.92	1.93	1.91	1.91	1.93			
130	2.20	2.15	2.17	2.16	2.22	2.19	2.24	2.25	2.34	2.28	2.24	2.22	2.23	2.20	2.19	2.23			
135	2.47	2.42	2.46	2.44	2.50	2.48	2.53	2.52	2.60	2.56	2.53	2.49	2.49	2.47	2.48	2.49			
140	2.71	2.66	2.71	2.72	2.77	2.76	2.78	2.78	2.85	2.82	2.79	2.76	2.75	2.75	2.75	2.71			
145	2.94	2.89	2.92	2.97	3.07	3.01	2.99	2.99	3.08	3.04	3.04	3.01	3.03	2.99	2.99	2.93			
150	3.12	3.06	3.10	3.15	3.25	3.19	3.16	3.19	3.27	3.21	3.22	3.24	3.23	3.19	3.18	3.11			
155	3.27	3.23	3.23	3.32	3.41	3.35	3.32	3.36	3.42	3.36	3.36	3.41	3.44	3.35	3.31	3.28			
160	3.43	3.39	3.41	3.47	3.54	3.51	3.49	3.52	3.56	3.51	3.49	3.55	3.56	3.50	3.44	3.43			
165	3.59	3.56	3.56	3.65	3.70	3.66	3.67	3.71	3.71	3.67	3.65	3.70	3.71	3.67	3.57	3.59			
170	3.73	3.72	3.76	3.81	3.82	3.82	3.85	3.88	3.84	3.87	3.82	3.79	3.78	3.77	3.72	3.77			
175	3.89	3.90	3.95	3.95	3.94	3.94	4.01	4.01	3.94	4.01	4.00	3.94	3.88	3.92	3.93	3.92			
180	4.04	4.04	4.09	4.05	4.04	4.02	4.09	4.06	4.03	4.03	4.10	4.05	4.04	4.02	4.08	4.05			

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