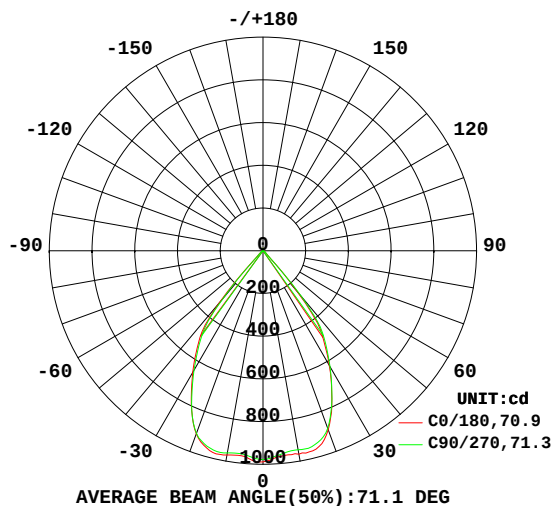


LUMINAIRE PHOTOMETRIC TEST REPORT

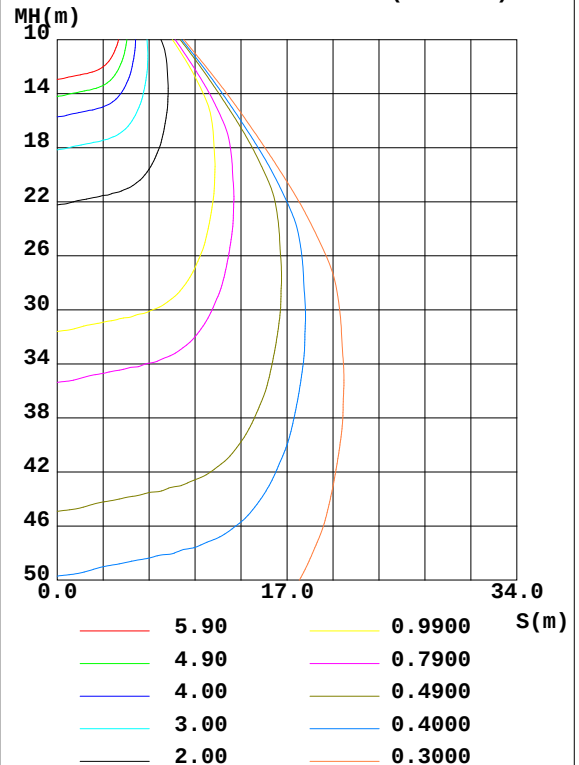
Test:U:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 89.95 lm/W
MODEL	TB8-1911A 3000K	I _{max} (cd)	989.6	S/MH(C0/180)	1.06	
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	1.05	
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1127.2	η UP, DN(C0-180)	0.8, 48.6	
NOMINAL FLUX(lm)	1127.22	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 49.8	
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	1.10	

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:2025-05-20

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:

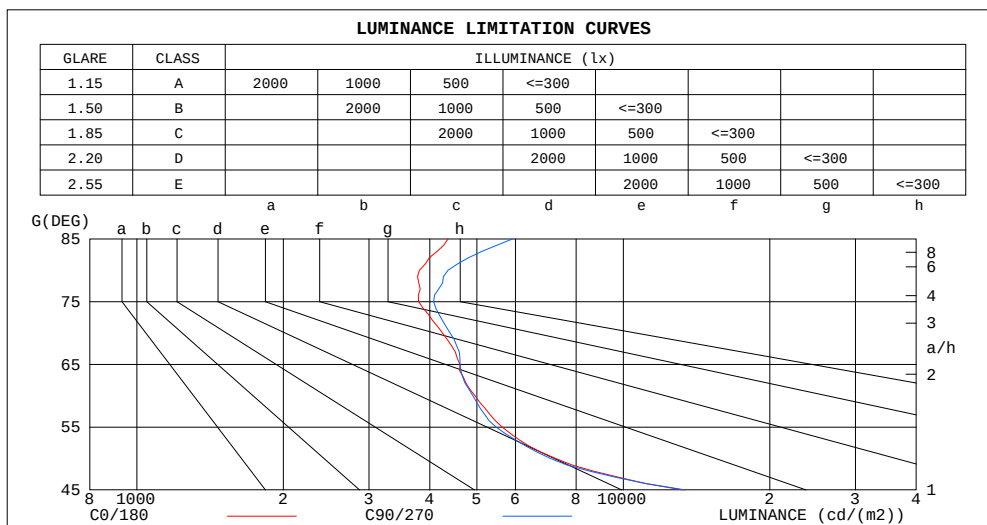
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	967.3	954.8	946.1	948.4	971.2	967.3	961.4	957.7	0- 10	91.51	91.51	8.12,8.12
20	892.7	887.6	885.4	885.7	912.8	918.7	911.0	897.4	10- 20	266.9	358.4	31.8,31.8
30	620.5	616.4	628.5	635.0	657.8	662.0	645.8	631.0	20- 30	354.1	712.6	63.2,63.2
40	252.5	258.5	277.6	292.3	321.5	312.0	292.5	270.0	30- 40	305.8	1018	90.3,90.3
50	20.61	20.49	20.11	19.87	20.51	19.98	20.06	20.38	40- 50	63.07	1081	95.9,95.9
60	10.95	11.03	10.84	10.51	10.64	10.52	10.50	10.76	50- 60	12.81	1094	97.1,97.1
70	6.422	6.519	6.656	6.532	6.578	6.477	6.431	6.389	60- 70	8.419	1103	97.8,97.8
80	2.924	3.145	3.347	3.283	3.130	3.011	2.951	2.878	70- 80	4.854	1108	98.3,98.3
90	0.0002	0.0002	0.0003	0.0050	0.0093	0.0092	0.0092	0.0093	80- 90	1.849	1109	98.4,98.4
100	0.0182	0.0091	0.0136	0.0091	0.0783	0.0782	0.0783	0.0783	90-100	0.0206	1109	98.4,98.4
110	0.2660	0.2704	0.2613	0.2339	0.3542	0.3496	0.3633	0.3679	100-110	0.1610	1110	98.4,98.4
120	0.9454	0.9227	0.9038	0.8807	1.049	1.053	1.076	1.104	110-120	0.5876	1110	98.5,98.5
130	2.680	2.638	2.569	2.478	2.713	2.709	2.769	2.828	120-130	1.515	1112	98.6,98.6
140	5.601	5.500	5.431	5.357	5.626	5.557	5.548	5.658	130-140	3.110	1115	98.9,98.9
150	8.069	7.881	8.133	7.821	8.266	8.110	8.253	8.188	140-150	4.273	1119	99.3,99.3
160	9.677	9.411	9.755	9.411	9.937	9.740	10.06	9.749	150-160	4.104	1123	99.6,99.6
170	11.20	11.12	11.24	11.27	11.46	11.34	11.24	11.13	160-170	2.947	1126	99.9,99.9
180	12.57	12.71	12.49	12.58	12.64	12.74	12.49	12.61	170-180	1.124	1127	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4362	5923
80	3810	4361
75	3795	4075
70	4248	4403
65	4613	4618
60	4954	4906
55	5634	5475
50	7253	7078
45	13260	13408

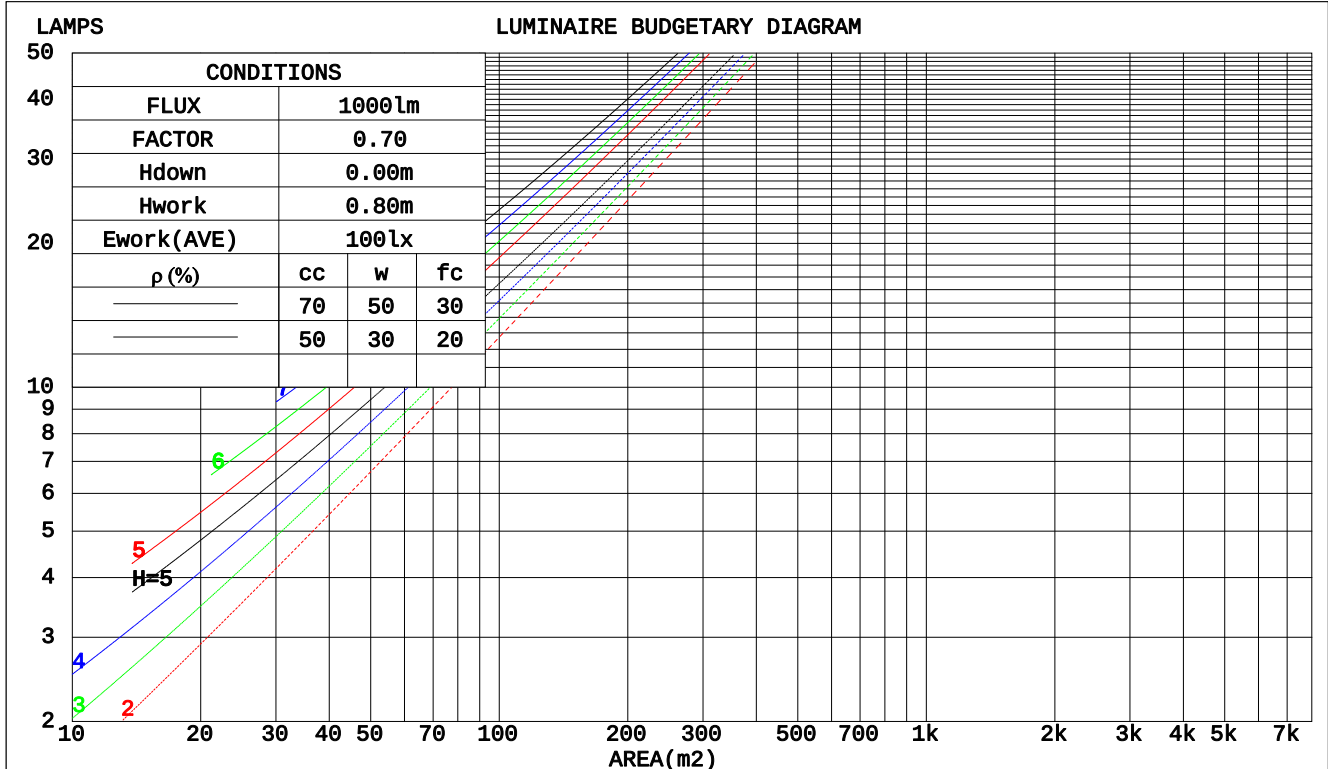
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	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	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.98	.96	.95	.94	.93	.91
2.0	1.02	.97	.94	.90	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.84	.81	.85	.82	.79	.78
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.76	.73	.72
5.0	.81	.75	.71	.80	.75	.70	.78	.73	.70	.77	.72	.69	.75	.71	.68	.66
6.0	.76	.70	.65	.75	.69	.65	.73	.68	.64	.72	.67	.64	.70	.66	.63	.62
7.0	.71	.65	.60	.70	.64	.60	.69	.64	.60	.67	.63	.59	.66	.62	.59	.57
8.0	.67	.60	.56	.66	.60	.56	.65	.59	.55	.63	.59	.55	.62	.58	.55	.53
9.0	.63	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.50
10.0	.59	.53	.49	.58	.52	.49	.57	.52	.48	.56	.52	.48	.56	.51	.48	.47



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm					
NAME: DL2082-WHTC15C01			TYPE:		WEIGHT:
SPEC.: white RA90 3000K+5000K			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	.189	.107	.034	.182	.104	.033	.168	.096	.031	.156	.090	.029	.144	.084	.027	
2.0	.181	.099	.030	.175	.096	.030	.163	.091	.028	.153	.086	.027	.143	.081	.025	
3.0	.173	.092	.027	.167	.090	.027	.157	.085	.026	.148	.081	.025	.140	.077	.024	
4.0	.164	.085	.025	.160	.084	.025	.151	.080	.024	.143	.077	.023	.135	.074	.022	
5.0	.157	.080	.023	.153	.078	.023	.145	.075	.022	.138	.073	.022	.131	.070	.021	
6.0	.149	.075	.021	.146	.074	.021	.139	.071	.021	.133	.069	.020	.127	.067	.020	
7.0	.143	.071	.020	.140	.070	.020	.134	.068	.019	.128	.066	.019	.123	.064	.019	
8.0	.137	.067	.019	.134	.066	.019	.128	.064	.018	.123	.062	.018	.118	.061	.018	
9.0	.131	.063	.018	.128	.062	.018	.123	.061	.017	.119	.059	.017	.114	.058	.017	
10.0	.125	.060	.017	.123	.059	.017	.119	.058	.016	.114	.057	.016	.110	.056	.016	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.169	.156	.158	.145	.134	.108	.100	.093	.062	.058	.054	.020	.019	.017	
2.0	.170	.145	.124	.145	.125	.107	.100	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.158	.126	.100	.135	.109	.087	.093	.075	.061	.054	.044	.036	.017	.014	.012	
4.0	.148	.111	.083	.127	.096	.072	.088	.067	.051	.051	.039	.030	.016	.013	.010	
5.0	.140	.100	.071	.120	.087	.061	.083	.060	.043	.048	.036	.026	.015	.012	.008	
6.0	.133	.091	.061	.114	.079	.053	.079	.055	.037	.046	.032	.022	.015	.011	.007	
7.0	.127	.084	.053	.109	.072	.046	.075	.051	.033	.044	.030	.020	.014	.010	.006	
8.0	.121	.077	.047	.104	.067	.041	.072	.047	.029	.042	.028	.017	.014	.009	.006	
9.0	.116	.072	.043	.100	.063	.037	.069	.044	.027	.040	.026	.016	.013	.009	.005	
10.0	.112	.068	.039	.096	.059	.034	.067	.042	.024	.039	.025	.014	.013	.008	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm											
NAME: DL2082-WHTC15C01					TYPE:			WEIGHT:			
SPEC.: white RA90 3000K+5000K					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	20.5	21.5	20.8	21.7	21.9	20.6	21.6	20.9	21.8	22.0	
	3H	20.4	21.3	20.7	21.5	21.8	20.5	21.4	20.8	21.6	
	4H	20.3	21.2	20.6	21.4	21.7	20.4	21.3	20.7	21.6	
	6H	20.3	21.1	20.6	21.3	21.6	20.4	21.2	20.7	21.5	
	8H	20.2	21.0	20.6	21.3	21.6	20.4	21.1	20.7	21.4	
	12H	20.2	20.9	20.6	21.2	21.6	20.3	21.1	20.7	21.4	
4H	2H	20.3	21.1	20.6	21.4	21.6	20.4	21.2	20.7	21.5	
	3H	20.2	20.9	20.5	21.2	21.5	20.3	21.0	20.6	21.3	
	4H	20.1	20.8	20.5	21.1	21.5	20.2	20.9	20.6	21.2	
	6H	20.1	20.7	20.5	21.0	21.4	20.2	20.8	20.6	21.2	
	8H	20.1	20.6	20.5	21.0	21.4	20.2	20.8	20.6	21.1	
	12H	20.0	20.5	20.5	20.9	21.4	20.2	20.7	20.6	21.1	
8H	4H	20.0	20.6	20.4	20.9	21.3	20.1	20.7	20.5	21.1	
	6H	20.0	20.4	20.4	20.9	21.3	20.1	20.6	20.6	21.0	
	8H	20.0	20.4	20.5	20.8	21.3	20.1	20.5	20.6	21.0	
	12H	20.0	20.3	20.5	20.8	21.3	20.2	20.5	20.7	21.0	
12H	4H	20.0	20.5	20.4	20.9	21.3	20.1	20.6	20.5	21.0	
	6H	20.0	20.3	20.4	20.8	21.3	20.1	20.5	20.6	20.9	
	8H	20.0	20.3	20.5	20.8	21.3	20.1	20.4	20.6	20.9	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 3.4 / - 7.8					+ 3.3 / - 7.9					
1.5H	+ 6.0 / - 7.3					+ 6.0 / - 7.4					
2.0H	+ 2.3 / - 0.7					+ 2.2 / - 0.7					

CIE Pub.117, 1127 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.4)
Area: 0.00442 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

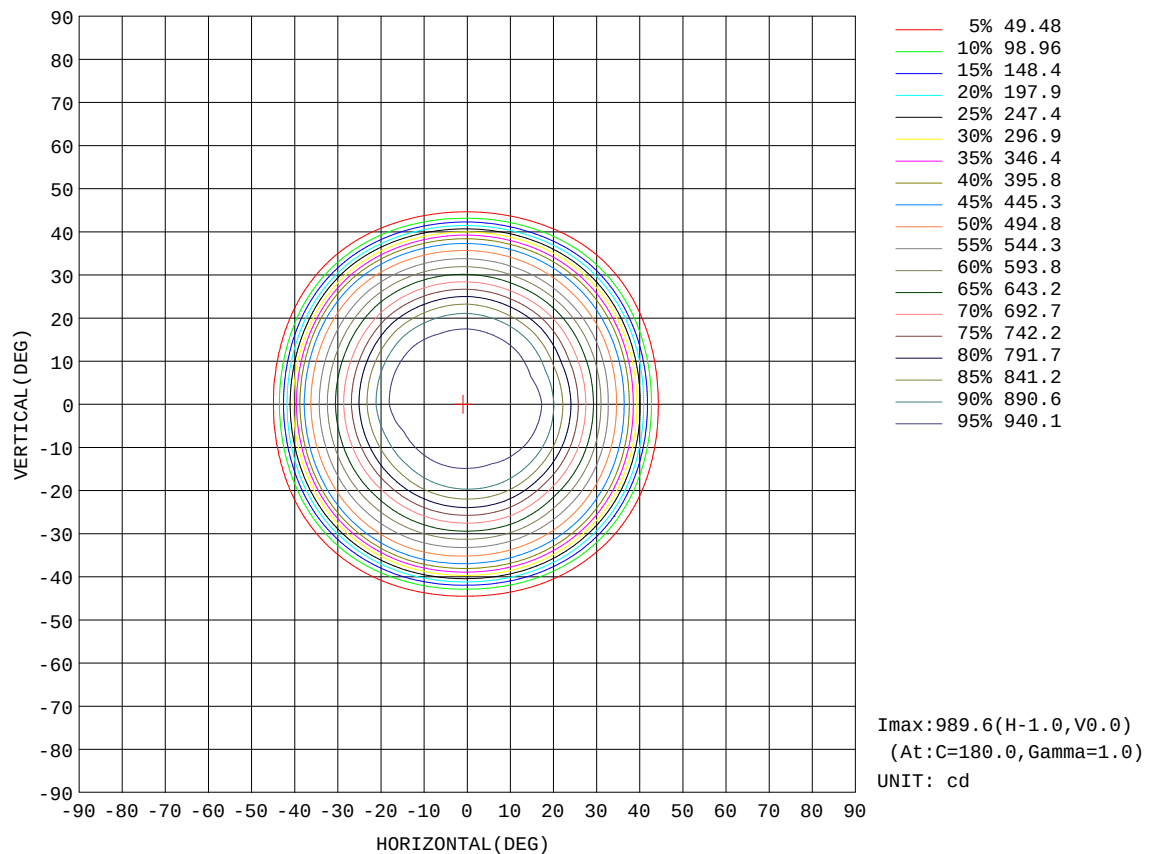
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	92	87	83	91	86	83	79
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	97	93	101	96	92	99	95	92	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
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:2025-05-20

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:

ISOCANDELA DIAGRAM

Test:U:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

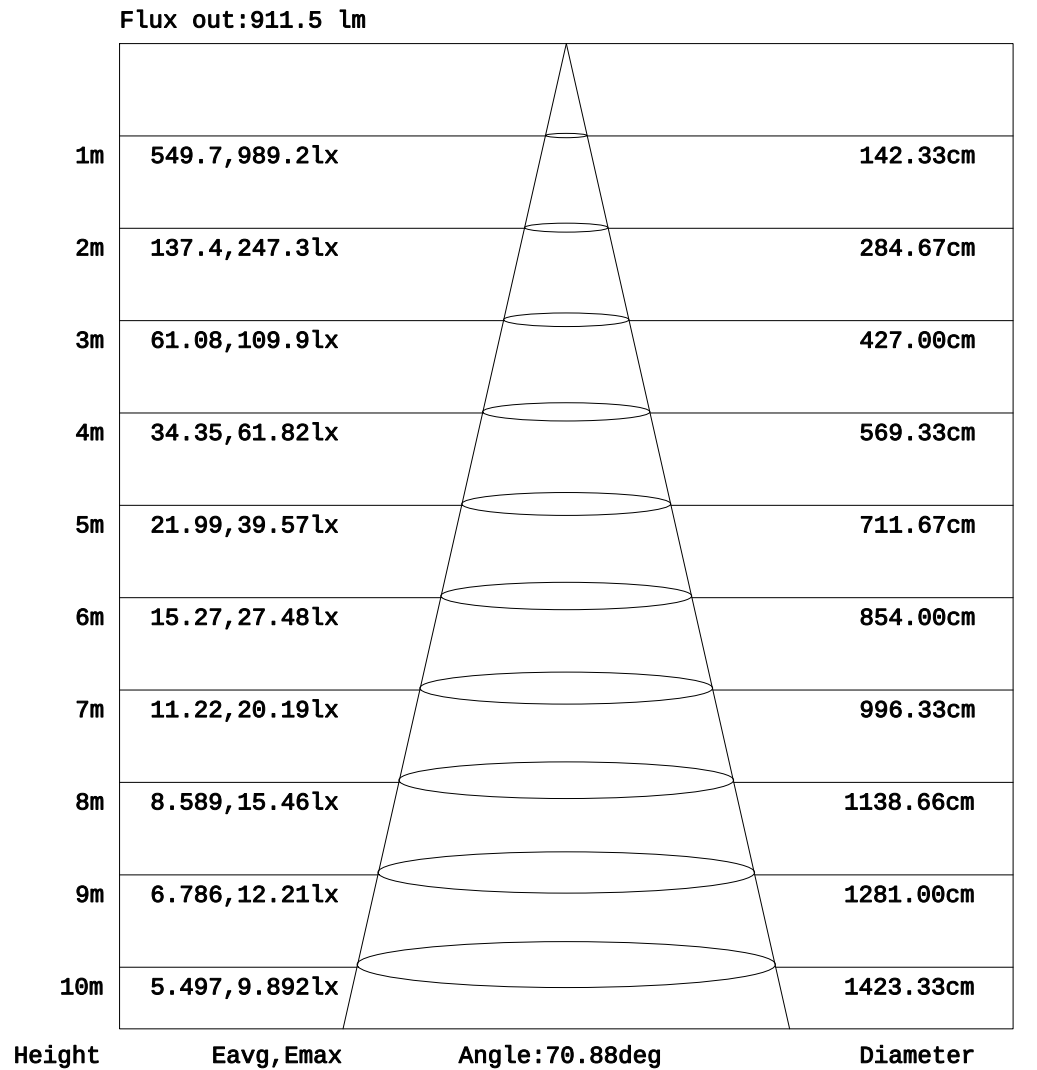


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



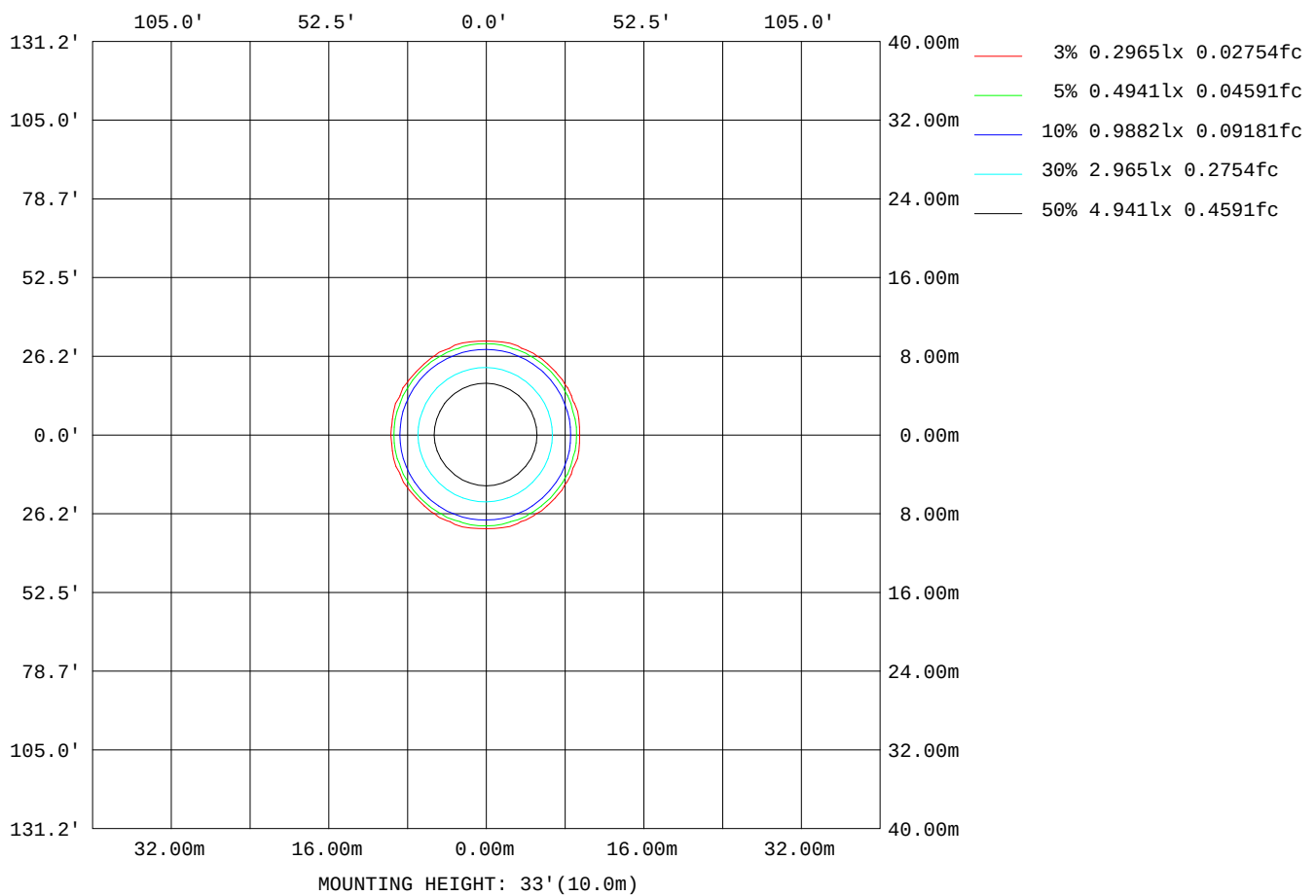
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 75mm	Shielding Angle:

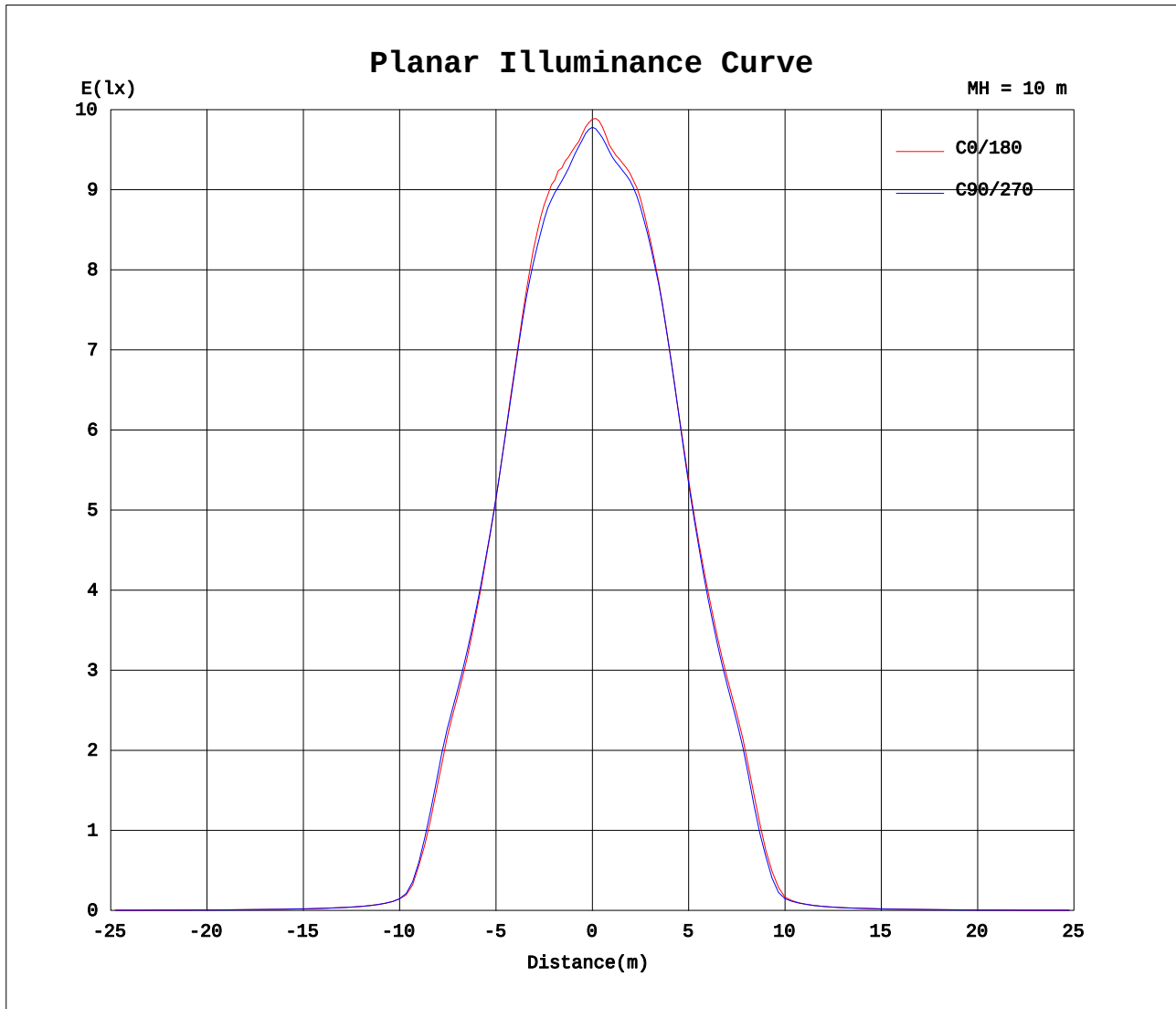
AvgL	cd/m2
L_0~180(65)av	4556
L_0~180(75)av	3871
L_0~180(85)av	4931
L_90~270(65)av	4512
L_90~270(75)av	3938
L_90~270(85)av	5490
L_45(65)av	4511
L_45(75)av	3874
L_45(85)av	5160

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-05-20

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: 2025-05-20

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:230.99V I:0.0559A P:12.531W PF:0.9702 Freq:49.99Hz Lamp Flux:1127.22x1 lm		
NAME: DL2082-WHTC15C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	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	988	985	983	980	978	975	975	973	988	985	983	980	978	975	975	973			
5	966	964	961	958	957	955	955	952	967	966	965	962	959	955	952	949			
10	967	961	955	948	946	948	948	950	971	969	967	963	961	960	958	953			
15	961	955	946	940	939	941	943	946	968	970	967	960	957	955	954	949			
20	893	892	888	887	885	886	886	894	913	916	919	912	911	904	897	884			
25	764	763	756	765	764	765	769	780	794	797	802	794	791	780	773	758			
30	620	623	616	628	629	633	635	647	658	657	662	655	646	635	631	624			
35	485	486	490	495	500	511	513	519	527	526	527	518	512	502	490	488			
40	252	259	259	272	278	290	292	303	322	316	312	299	292	280	270	259			
45	41.4	41.7	41.2	42.1	41.9	43.2	44.0	45.0	47.0	46.2	44.6	43.1	42.2	41.2	41.9	41.8			
50	20.6	20.6	20.5	20.5	20.1	19.8	19.9	19.9	20.5	20.2	20.0	19.9	20.1	20.0	20.4	20.4			
55	14.3	14.3	14.1	14.1	13.9	13.8	13.5	13.5	13.8	13.7	13.6	13.5	13.6	13.6	14.0	14.0			
60	10.9	11.1	11.0	11.0	10.8	10.7	10.5	10.5	10.6	10.6	10.5	10.5	10.5	10.6	10.8	10.8			
65	8.62	8.65	8.66	8.71	8.63	8.53	8.31	8.21	8.40	8.37	8.32	8.24	8.23	8.30	8.41	8.41			
70	6.42	6.50	6.52	6.66	6.66	6.62	6.53	6.53	6.58	6.45	6.48	6.48	6.43	6.37	6.39	6.38			
75	4.34	4.43	4.49	4.61	4.66	4.70	4.56	4.49	4.52	4.48	4.41	4.39	4.35	4.29	4.27	4.28			
80	2.92	3.01	3.14	3.24	3.35	3.35	3.28	3.13	3.13	3.07	3.01	2.99	2.95	2.94	2.88	2.87			
85	1.68	1.76	1.93	2.14	2.28	2.30	2.24	2.14	2.12	2.07	2.03	2.01	1.95	1.88	1.75	1.67			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01			
95	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.04	0.01	0.03	0.01	0.04	0.01	0.04	0.00			
100	0.02	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.08	0.04	0.08	0.05	0.08	0.04	0.08	0.05			
105	0.12	0.16	0.12	0.15	0.11	0.14	0.10	0.14	0.18	0.13	0.17	0.13	0.18	0.13	0.19	0.14			
110	0.27	0.31	0.27	0.30	0.26	0.29	0.23	0.28	0.35	0.30	0.35	0.30	0.36	0.32	0.37	0.33			
115	0.52	0.57	0.51	0.55	0.49	0.53	0.48	0.52	0.63	0.57	0.62	0.59	0.64	0.60	0.65	0.62			
120	0.95	0.97	0.92	0.96	0.90	0.92	0.88	0.90	1.05	1.01	1.05	1.03	1.08	1.05	1.10	1.07			
125	1.59	1.60	1.56	1.57	1.52	1.53	1.47	1.49	1.71	1.67	1.71	1.70	1.74	1.74	1.78	1.79			
130	2.68	2.68	2.64	2.62	2.57	2.53	2.48	2.46	2.71	2.69	2.71	2.72	2.77	2.79	2.83	2.85			
135	4.06	4.04	4.02	3.99	3.95	3.91	3.85	3.81	4.08	4.04	4.07	4.09	4.11	4.15	4.19	4.20			
140	5.60	5.51	5.50	5.47	5.43	5.39	5.36	5.29	5.63	5.54	5.56	5.56	5.55	5.59	5.66	5.64			
145	6.94	6.83	6.81	6.86	6.90	6.79	6.74	6.65	7.03	6.90	6.95	6.93	6.98	6.95	7.04	6.96			
150	8.07	7.92	7.88	8.00	8.13	7.95	7.82	7.84	8.27	8.07	8.11	8.17	8.25	8.18	8.19	8.06			
155	8.88	8.77	8.65	8.83	8.99	8.85	8.64	8.75	9.19	8.94	9.00	9.12	9.29	9.12	9.03	8.86			
160	9.68	9.56	9.41	9.63	9.76	9.63	9.41	9.60	9.94	9.73	9.74	9.93	10.1	9.90	9.75	9.57			
165	10.4	10.4	10.2	10.5	10.5	10.4	10.3	10.5	10.7	10.6	10.5	10.7	10.8	10.6	10.4	10.3			
170	11.2	11.2	11.1	11.3	11.2	11.2	11.3	11.4	11.5	11.4	11.3	11.2	11.2	11.2	11.1	11.1			
175	12.0	12.0	12.1	12.1	12.0	12.0	12.1	12.2	12.1	12.2	12.3	12.0	11.9	11.9	12.0	11.9			
180	12.6	12.6	12.7	12.6	12.5	12.4	12.6	12.4	12.6	12.6	12.7	12.6	12.5	12.4	12.6	12.4			

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