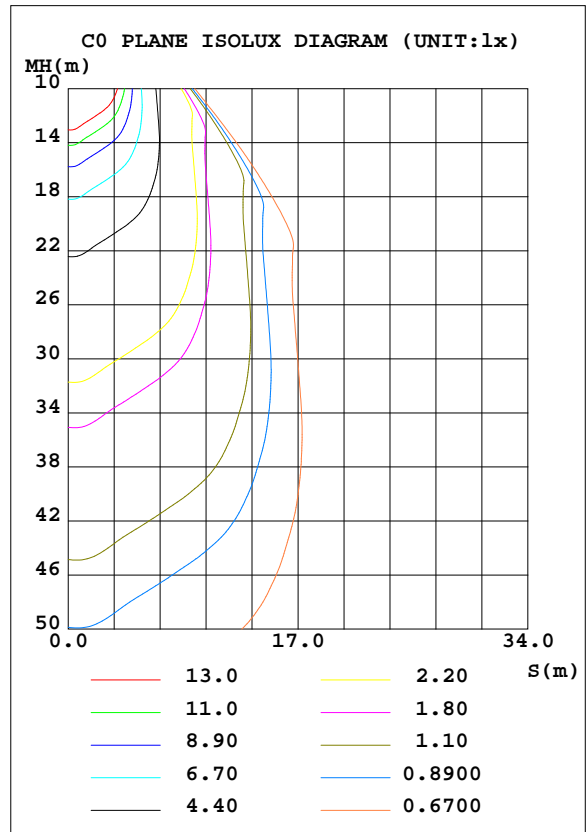
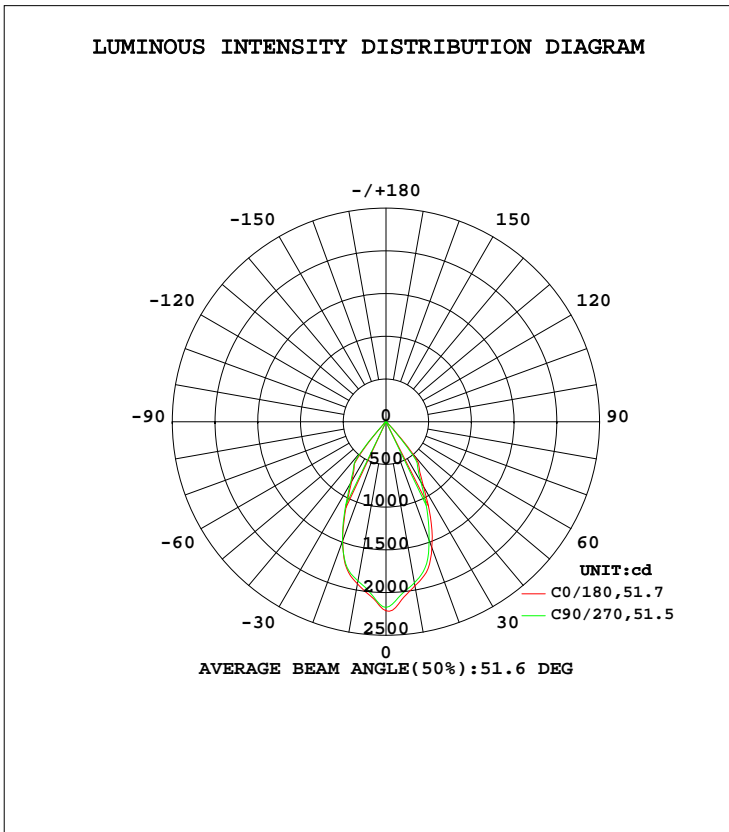


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.03 lm/W			
MODEL	TBG-1510E 3000K	I _{max} (cd)	2218	S/MH(C0/180)	0.79
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1771.0	η UP, DN(C0-180)	0.8,49.3
NOMINAL FLUX(lm)	1770.98	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8,49.1
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	0.85



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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

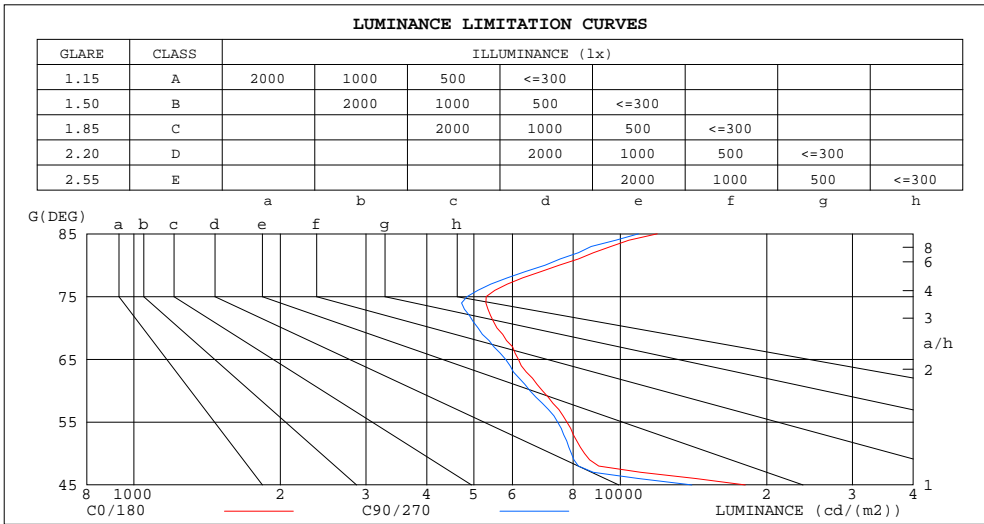
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum, lamp
10	1950	1934	1916	1896	1926	1900	1893	1906	0- 10	190.7	190.7	10.8,10.8
20	1571	1531	1477	1447	1483	1485	1490	1535	10- 20	489.5	680.2	38.4,38.4
30	886.0	865.0	822.6	791.8	803.6	822.2	837.7	863.5	20- 30	525.8	1206	68.1,68.1
40	476.2	442.5	386.7	338.8	345.9	357.5	415.9	469.8	30- 40	405.8	1612	91,91
50	29.34	28.71	27.58	27.05	29.23	28.70	28.41	28.26	40- 50	83.63	1695	95.7,95.7
60	18.70	18.26	17.63	17.05	17.53	17.74	17.71	17.89	50- 60	20.73	1716	96.9,96.9
70	10.32	10.18	9.438	9.157	9.598	9.818	9.708	10.07	60- 70	13.42	1730	97.7,97.7
80	7.034	6.951	6.578	6.473	7.082	7.135	6.792	6.678	70- 80	7.997	1738	98.1,98.1
90	0.0907	0.0796	0.0554	0.0599	0.0873	0.0827	0.0781	0.0691	80- 90	4.997	1743	98.4,98.4
100	0.0917	0.0962	0.0917	0.1054	0.2070	0.1886	0.1748	0.1610	90-100	0.0985	1743	98.4,98.4
110	0.4081	0.3945	0.4083	0.4404	0.6301	0.5979	0.5519	0.5243	100-110	0.2994	1743	98.4,98.4
120	1.239	1.234	1.289	1.358	1.715	1.628	1.527	1.458	110-120	0.8726	1744	98.5,98.5
130	3.482	3.505	3.661	3.836	4.410	4.222	3.960	3.790	120-130	2.177	1746	98.6,98.6
140	7.684	7.661	7.873	8.185	9.005	8.688	8.196	7.953	130-140	4.523	1751	98.8,98.8
150	12.41	12.19	12.74	12.76	13.93	13.58	13.13	12.72	140-150	6.533	1757	99.2,99.2
160	16.34	15.85	16.62	16.34	17.75	17.31	17.42	16.48	150-160	6.832	1764	99.6,99.6
170	19.32	19.09	19.41	19.67	20.39	20.03	19.57	19.09	160-170	5.105	1769	99.9,99.9
180	22.20	22.31	21.80	21.99	22.31	22.39	21.83	22.06	170-180	1.957	1771	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	11903	10893
80	7487	7002
75	5299	4844
70	5576	5101
65	6170	5809
60	6913	6518
55	7766	7432
50	8438	7932
45	18064	14034

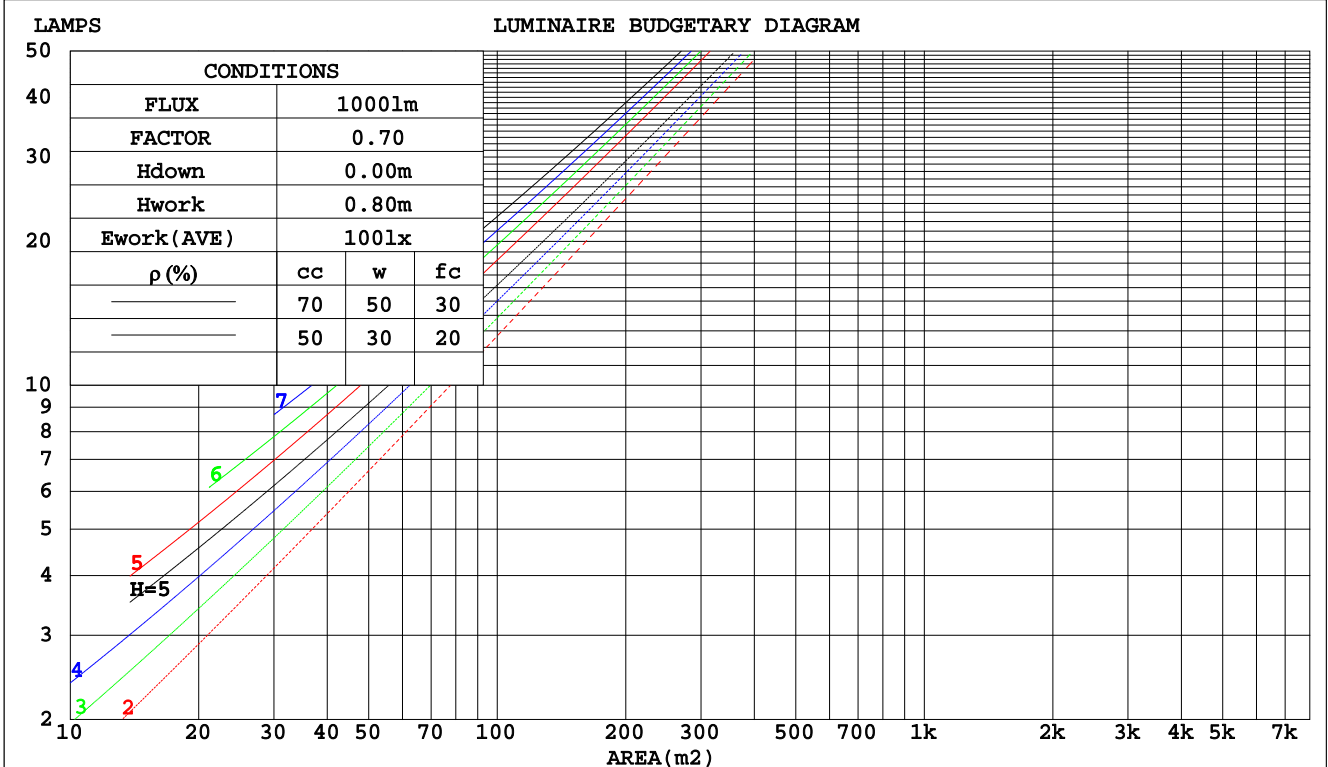
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2025-05-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-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:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	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	1.08	1.05	1.03	1.03	1.02	.90	.99	.98	.97	.96	.95	.94	.92
2.0	1.02	.98	.95	1.00	.97	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.88	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.77	.72	.80	.75	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.68	.77	.71	.67	.75	.70	.67	.74	.69	.66	.72	.69	.66	.64
7.0	.73	.67	.63	.73	.67	.63	.71	.66	.62	.70	.65	.62	.68	.64	.61	.60
8.0	.69	.63	.59	.68	.63	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56
9.0	.65	.59	.55	.65	.59	.55	.64	.58	.55	.62	.58	.55	.62	.57	.54	.53
10.0	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.51	.58	.54	.51	.50



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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.184	.105	.033	.177	.101	.032	.164	.094	.030	.151	.087	.028	.140	.081	.026	
2.0	.175	.096	.029	.169	.093	.029	.158	.088	.027	.147	.083	.026	.137	.078	.024	
3.0	.166	.089	.027	.161	.086	.026	.151	.082	.025	.142	.078	.024	.134	.074	.023	
4.0	.158	.082	.024	.153	.080	.024	.145	.077	.023	.137	.074	.022	.129	.070	.021	
5.0	.150	.077	.022	.146	.075	.022	.139	.072	.021	.132	.070	.021	.125	.067	.020	
6.0	.143	.072	.021	.140	.071	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019	
7.0	.137	.068	.019	.134	.067	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	
8.0	.131	.064	.018	.128	.063	.018	.123	.061	.017	.118	.060	.017	.113	.058	.017	
9.0	.125	.061	.017	.123	.060	.017	.118	.058	.017	.113	.057	.016	.109	.055	.016	
10.0	.120	.058	.016	.118	.057	.016	.113	.055	.016	.109	.054	.015	.105	.053	.015	

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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.170	.157	.157	.146	.135	.108	.100	.093	.062	.058	.054	.020	.019	.018	
2.0	.169	.145	.124	.145	.125	.108	.099	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.157	.126	.101	.135	.109	.088	.092	.076	.062	.053	.044	.036	.017	.014	.012	
4.0	.147	.111	.084	.126	.096	.073	.087	.067	.052	.050	.039	.031	.016	.013	.010	
5.0	.138	.100	.072	.119	.086	.062	.082	.060	.044	.047	.035	.026	.015	.012	.009	
6.0	.131	.091	.062	.113	.079	.054	.078	.055	.038	.045	.032	.023	.015	.011	.007	
7.0	.125	.083	.054	.107	.072	.047	.074	.051	.034	.043	.030	.020	.014	.010	.007	
8.0	.119	.077	.048	.102	.067	.042	.071	.047	.030	.041	.028	.018	.013	.009	.006	
9.0	.114	.072	.044	.098	.062	.038	.068	.044	.027	.040	.026	.016	.013	.009	.005	
10.0	.109	.068	.040	.094	.059	.035	.065	.041	.025	.038	.024	.015	.012	.008	.005	

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	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	19.4	20.4	19.7	20.6	20.8	18.8	19.8	19.1	20.0	20.1
3H	19.3	20.2	19.6	20.4	20.6	18.7	19.6	19.0	19.8	20.0
4H	19.3	20.1	19.6	20.3	20.6	18.7	19.5	19.0	19.7	20.0
6H	19.2	20.0	19.6	20.3	20.6	18.6	19.4	19.0	19.7	20.0
8H	19.2	20.0	19.6	20.3	20.6	18.6	19.4	19.0	19.7	20.0
12H	19.3	20.0	19.6	20.3	20.6	18.7	19.4	19.0	19.7	20.0
4H 2H	19.2	20.0	19.5	20.3	20.5	18.6	19.4	18.9	19.7	19.9
3H	19.1	19.8	19.4	20.1	20.4	18.5	19.2	18.9	19.5	19.8
4H	19.1	19.7	19.4	20.0	20.4	18.5	19.1	18.9	19.5	19.8
6H	19.1	19.7	19.5	20.0	20.4	18.5	19.1	18.9	19.4	19.8
8H	19.1	19.7	19.6	20.1	20.5	18.6	19.1	19.0	19.5	19.9
12H	19.2	19.7	19.7	20.1	20.5	18.6	19.1	19.1	19.5	20.0
8H 4H	19.0	19.5	19.4	19.9	20.3	18.4	18.9	18.8	19.3	19.7
6H	19.1	19.5	19.5	19.9	20.4	18.5	18.9	18.9	19.3	19.8
8H	19.2	19.5	19.6	20.0	20.5	18.6	19.0	19.1	19.4	19.9
12H	19.3	19.6	19.8	20.1	20.6	18.8	19.1	19.2	19.6	20.1
12H 4H	18.9	19.4	19.4	19.8	20.2	18.3	18.8	18.8	19.2	19.7
6H	19.0	19.4	19.5	19.9	20.3	18.5	18.9	18.9	19.3	19.8
8H	19.2	19.5	19.7	20.0	20.5	18.6	18.9	19.1	19.4	19.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.8 / - 6.7					+ 2.9 / - 6.6				
1.5H	+ 5.5 / - 6.5					+ 5.5 / - 6.4				
2.0H	+ 1.9 / - 0.5					+ 1.1 / - 0.3				

CIE Pub.117, 1771 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)
 Area: 0.00541 m2

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

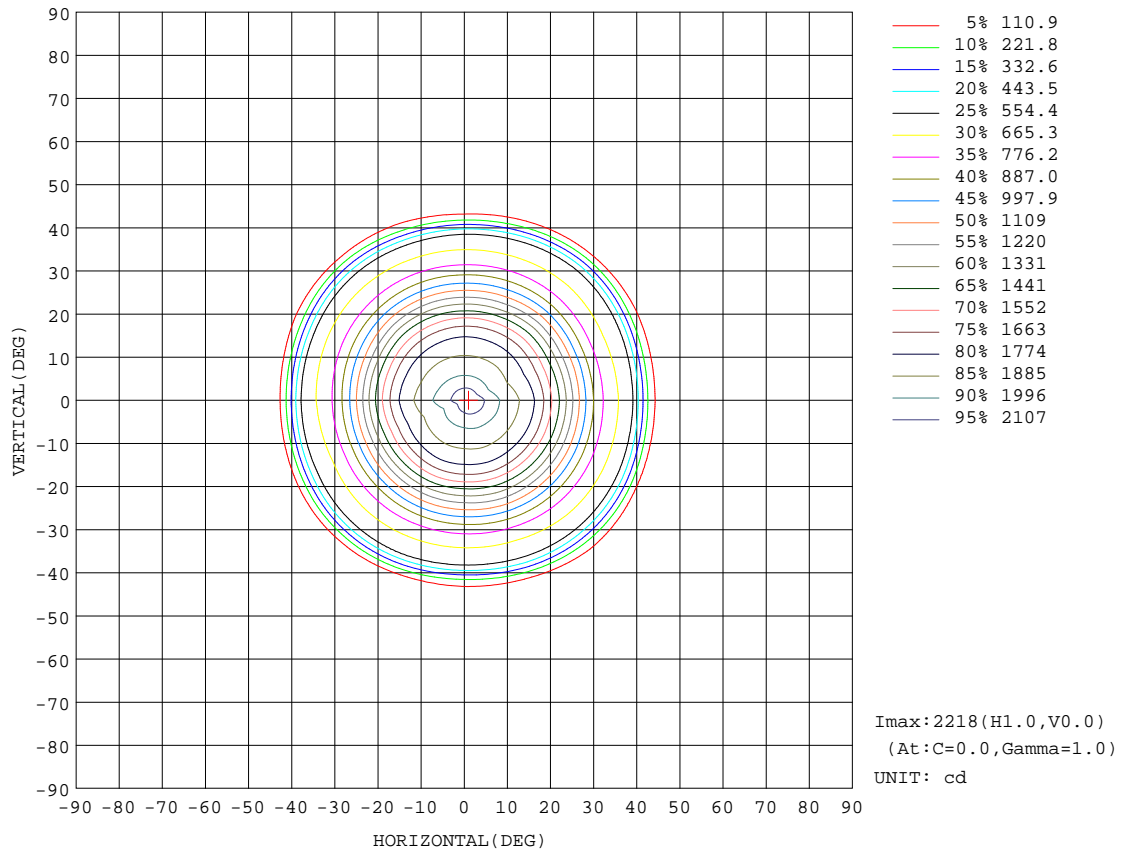
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	80	76	85	79	76	85	79	75	72
0.80	93	87	84	93	87	83	91	86	83	79
1.00	98	92	89	97	92	88	95	91	88	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	103	99	96	101	97	95	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:2025-05-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

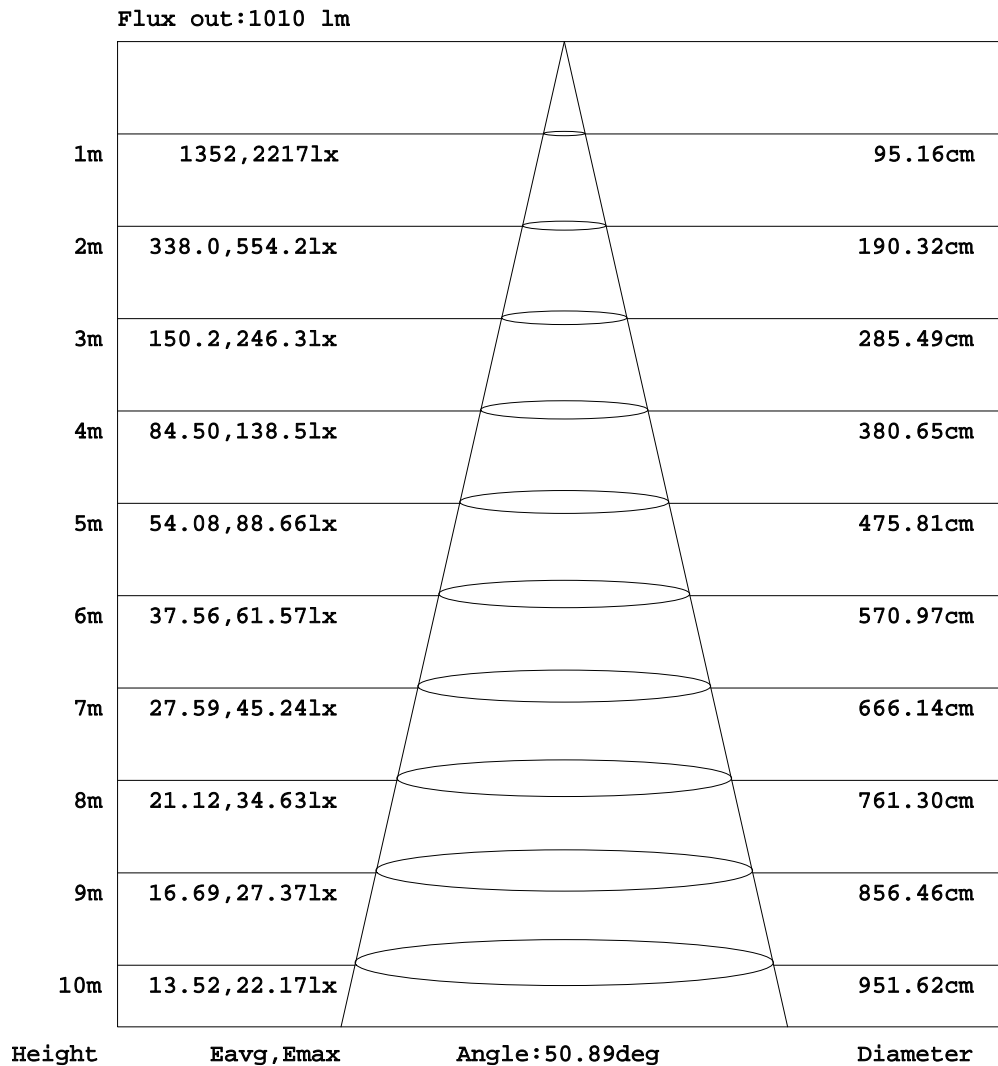


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2025-05-25

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

AAI Figure

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:



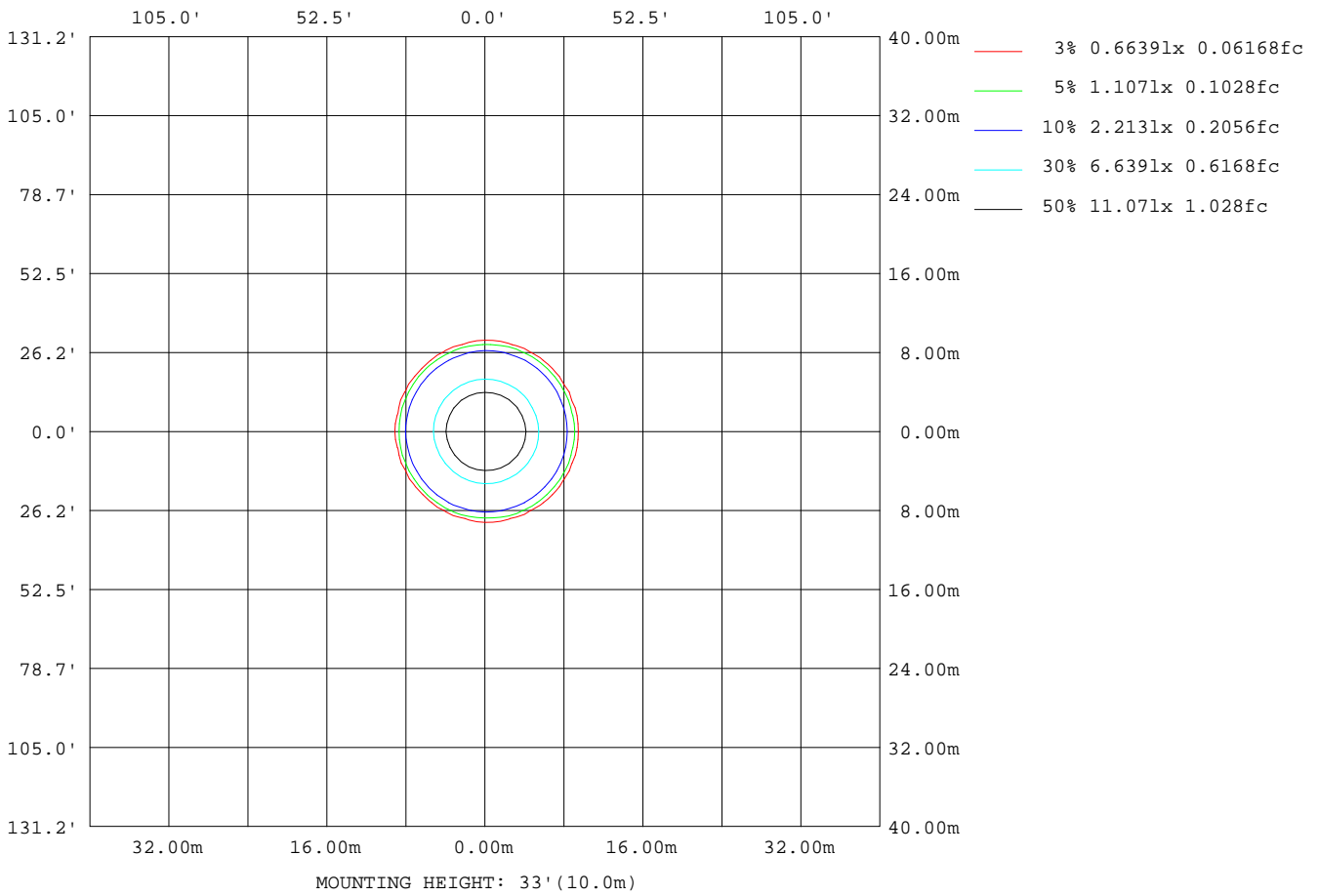
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity:65.0%
 Test Distance:7.880m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:



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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	Shielding Angle:

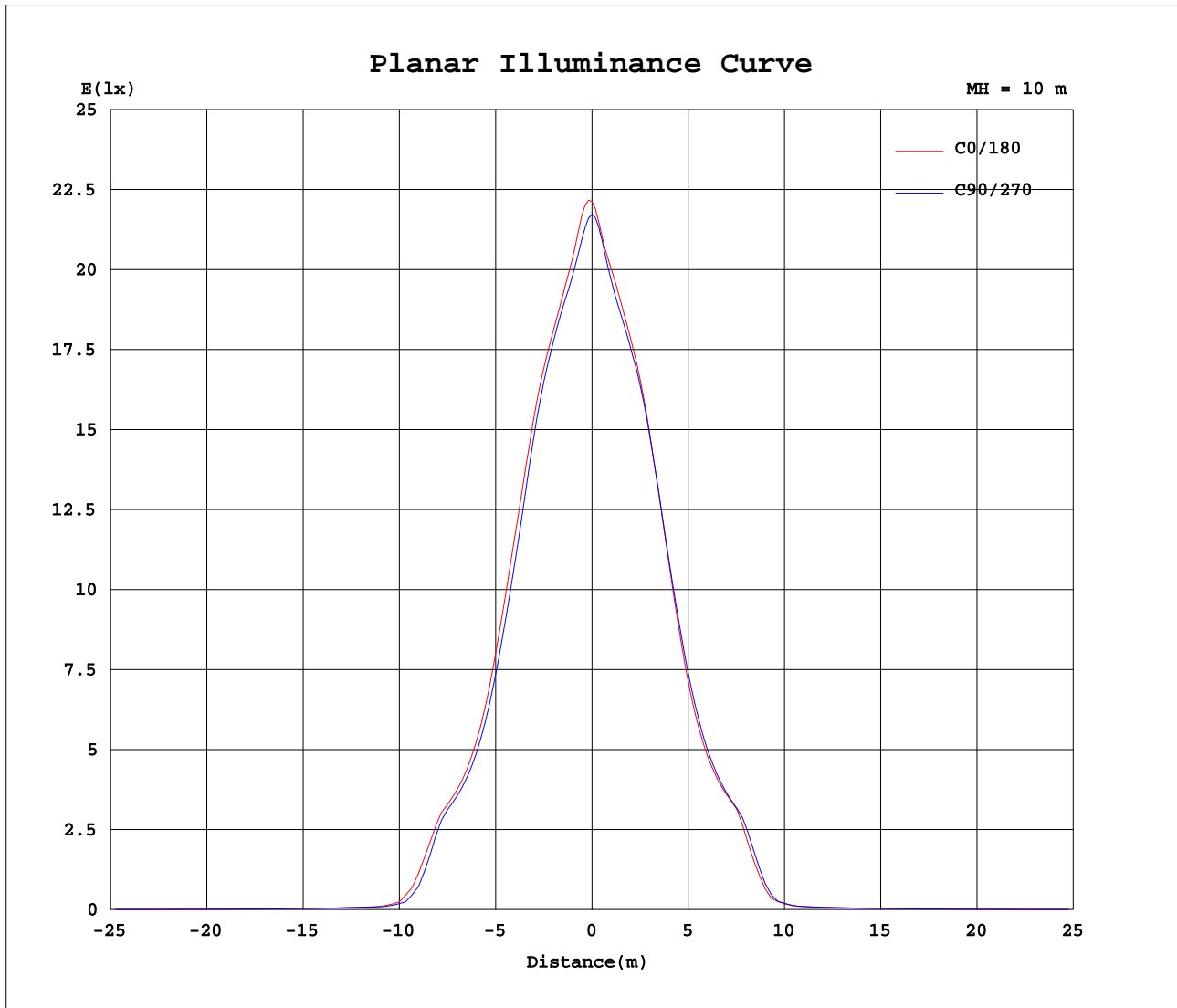
AvgL	cd/m2
L_0~180(65)av	5990
L_0~180(75)av	5223
L_0~180(85)av	11831
L_90~270(65)av	5834
L_90~270(75)av	4897
L_90~270(85)av	11121
L_45(65)av	5859
L_45(75)av	5025
L_45(85)av	11399

Standard: GB/T 29293-2012

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

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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:
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.05V I:0.1005A P:22.695W PF:0.9776 Freq:49.99Hz Lamp Flux:1770.98x1 lm		
NAME: DL2092-WHTC20C01	TYPE:	WEIGHT:
SPEC.: white RA90 3000K+5000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 83mm	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	2213	2201	2193	2181	2172	2169	2161	2154	2213	2201	2193	2181	2172	2169	2161	2154			
5	2094	2087	2068	2052	2034	2025	2012	1998	2050	2035	2026	2020	2020	2024	2031	2033			
10	1950	1939	1934	1931	1916	1908	1896	1886	1926	1906	1900	1894	1893	1897	1906	1900			
15	1825	1814	1798	1789	1770	1765	1749	1738	1779	1759	1760	1757	1765	1768	1776	1775			
20	1571	1556	1531	1509	1477	1468	1447	1443	1483	1470	1485	1483	1490	1507	1535	1535			
25	1234	1221	1193	1171	1135	1116	1096	1089	1109	1110	1132	1136	1141	1158	1197	1201			
30	886	883	865	846	823	805	792	787	804	816	822	833	838	851	863	863			
35	683	678	667	651	647	640	634	624	653	654	655	657	663	666	670	668			
40	476	472	442	429	387	369	339	330	346	342	358	373	416	442	470	471			
45	69.1	68.2	64.3	59.8	53.7	50.8	48.5	54.3	52.6	50.1	51.6	52.8	56.3	58.8	63.5	66.2			
50	29.3	29.2	28.7	28.2	27.6	27.2	27.0	29.9	29.2	28.5	28.7	28.5	28.4	28.1	28.3	28.3			
55	24.1	24.0	23.7	23.6	23.1	22.7	22.3	23.2	23.4	23.0	23.2	23.2	23.3	23.2	23.5	23.6			
60	18.7	18.6	18.3	18.1	17.6	17.3	17.0	17.4	17.5	17.5	17.7	17.7	17.7	17.8	17.9	18.3			
65	14.1	14.2	13.8	13.6	13.3	13.0	12.8	12.9	13.3	13.2	13.3	13.3	13.4	13.6	13.7	13.7			
70	10.3	10.4	10.2	9.82	9.44	9.34	9.16	9.22	9.60	9.62	9.82	9.69	9.71	9.81	10.1	10.1			
75	7.42	7.38	7.22	7.03	6.78	6.58	6.61	6.77	7.21	7.41	7.31	7.16	6.93	6.91	7.00	7.15			
80	7.03	7.10	6.95	6.69	6.58	6.50	6.47	6.66	7.08	7.15	7.14	7.00	6.79	6.69	6.68	6.79			
85	5.61	5.59	5.51	5.35	5.14	5.03	5.09	5.24	5.54	5.58	5.51	5.41	5.35	5.32	5.39	5.45			
90	0.09	0.06	0.08	0.06	0.06	0.06	0.06	0.06	0.09	0.08	0.08	0.08	0.08	0.08	0.07	0.09			
95	0.06	0.08	0.06	0.09	0.06	0.08	0.06	0.09	0.13	0.08	0.12	0.07	0.11	0.07	0.10	0.07			
100	0.09	0.13	0.10	0.14	0.09	0.14	0.11	0.15	0.21	0.15	0.19	0.13	0.17	0.12	0.16	0.12			
105	0.20	0.24	0.20	0.24	0.21	0.26	0.22	0.27	0.37	0.31	0.34	0.28	0.32	0.27	0.30	0.27			
110	0.41	0.45	0.39	0.45	0.41	0.47	0.44	0.49	0.63	0.56	0.60	0.52	0.55	0.49	0.52	0.48			
115	0.71	0.75	0.71	0.76	0.74	0.81	0.78	0.84	1.05	0.99	0.99	0.92	0.92	0.85	0.88	0.84			
120	1.24	1.26	1.23	1.30	1.29	1.36	1.36	1.42	1.72	1.65	1.63	1.54	1.53	1.45	1.46	1.41			
125	2.06	2.08	2.07	2.13	2.17	2.23	2.27	2.34	2.79	2.72	2.67	2.55	2.48	2.40	2.36	2.32			
130	3.48	3.49	3.51	3.58	3.66	3.76	3.84	3.89	4.41	4.34	4.22	4.09	3.96	3.86	3.79	3.75			
135	5.42	5.40	5.45	5.53	5.65	5.79	5.90	5.96	6.59	6.46	6.33	6.16	5.98	5.84	5.72	5.66			
140	7.68	7.56	7.66	7.70	7.87	7.98	8.18	8.20	9.01	8.84	8.69	8.43	8.20	8.05	7.95	7.83			
145	10.0	9.86	9.94	10.0	10.3	10.4	10.5	10.6	11.5	11.3	11.2	10.9	10.7	10.4	10.3	10.1			
150	12.4	12.1	12.2	12.4	12.7	12.7	12.8	12.9	13.9	13.6	13.6	13.3	13.1	12.8	12.7	12.4			
155	14.5	14.2	14.1	14.4	14.8	14.8	14.7	14.9	16.0	15.6	15.6	15.6	15.5	15.1	14.8	14.4			
160	16.3	16.0	15.8	16.2	16.6	16.6	16.3	16.7	17.7	17.3	17.3	17.4	17.4	16.9	16.5	16.1			
165	17.9	17.6	17.4	17.8	18.1	18.0	18.0	18.3	19.1	18.8	18.6	18.7	18.8	18.3	17.8	17.6			
170	19.3	19.2	19.1	19.4	19.4	19.5	19.7	20.0	20.4	20.3	20.0	19.7	19.6	19.4	19.1	19.0			
175	20.9	20.8	20.9	20.9	20.7	20.9	21.2	21.3	21.6	21.6	21.6	21.0	20.6	20.6	20.8	20.4			
180	22.2	22.1	22.3	21.9	21.8	21.7	22.0	21.7	22.3	22.0	22.4	21.9	21.8	21.6	22.1	21.6			

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