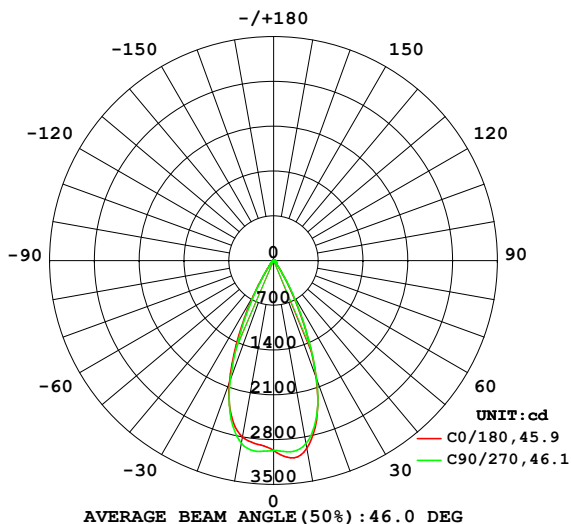


LUMINAIRE PHOTOMETRIC TEST REPORT

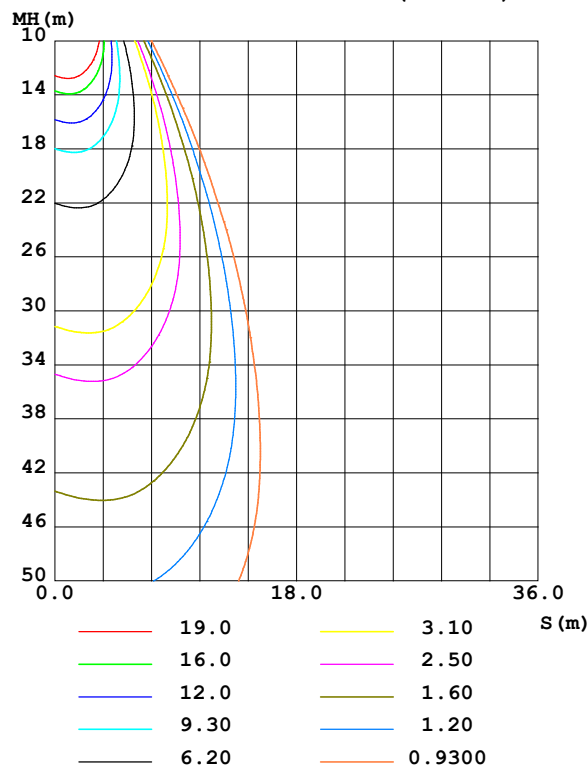
Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 88.99 lm/W			
MODEL	DL3233 4000K RA90 36D	I _{max} (cd)	3098	S/MH(C0/180)	0.71
NOMINAL POWER(W)	2*10	LOR(%)	100.0	S/MH(C90/270)	0.70
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1825.5	η UP,DN(C0-180)	0.3,49.5
NOMINAL FLUX(lm)	1825.53	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.7
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [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	2985	2945	2907	2840	2803	2822	2904	2969	0- 10	282.8	282.8	15.5,15.5
20	1949	1921	1964	2024	2027	1983	1975	1986	10- 20	700.5	983.3	53.9,53.9
30	555.5	571.3	592.9	633.6	641.2	629.3	594.5	589.4	20- 30	557.3	1541	84.4,84.4
40	87.22	87.18	92.48	104.1	109.6	116.1	100.5	92.28	30- 40	163.3	1704	93.3,93.3
50	42.38	44.60	42.51	43.32	44.00	47.47	44.19	43.75	40- 50	49.54	1753	96,96
60	26.72	27.69	26.53	27.10	27.46	27.84	26.89	27.42	50- 60	31.43	1785	97.8,97.8
70	10.45	10.76	11.23	11.53	11.42	11.58	11.08	11.10	60- 70	19.18	1804	98.8,98.8
80	2.359	2.568	2.588	2.955	3.101	3.015	2.495	2.388	70- 80	6.857	1811	99.2,99.2
90	0.0696	0.0657	0.0730	0.0688	0.0741	0.0748	0.0776	0.0711	80- 90	0.7844	1812	99.2,99.2
100	0.1323	0.1291	0.1276	0.1259	0.1302	0.1225	0.1278	0.1284	90-100	0.1016	1812	99.2,99.2
110	0.2444	0.2423	0.2371	0.2314	0.2336	0.2336	0.2443	0.2524	100-110	0.1868	1812	99.3,99.3
120	0.4729	0.4663	0.4399	0.4191	0.7077	0.7147	0.7562	0.7941	110-120	0.3733	1812	99.3,99.3
130	1.351	1.306	1.253	1.200	2.173	2.171	2.264	2.341	120-130	0.9683	1813	99.3,99.3
140	3.238	3.174	3.123	3.064	4.633	4.626	4.713	4.750	130-140	2.120	1815	99.4,99.4
150	5.596	5.561	5.558	5.508	7.350	7.349	7.407	7.356	140-150	3.228	1819	99.6,99.6
160	7.554	7.605	7.637	7.533	9.204	9.249	9.319	9.163	150-160	3.449	1822	99.8,99.8
170	9.060	9.094	9.073	8.943	9.939	9.955	9.982	9.894	160-170	2.528	1825	99.9,99.9
180	10.31	10.34	10.20	10.26	10.37	10.38	10.25	10.29	170-180	0.9360	1826	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1732.8 lm

%lum = 94.9%

%lamp = 94.9%

Conical surface Flux(130deg): 1796.2 lm

%lum = 98.4%

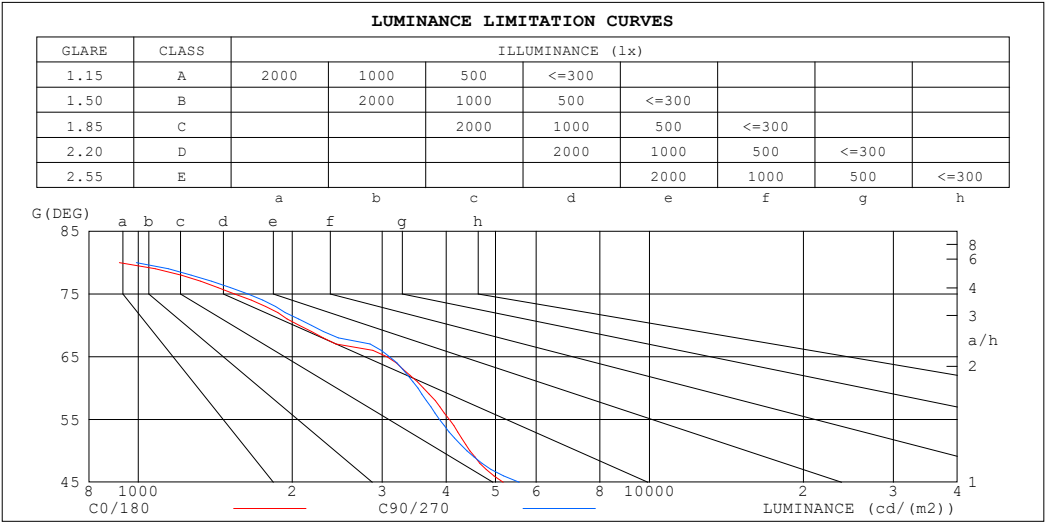
%lamp = 98.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:



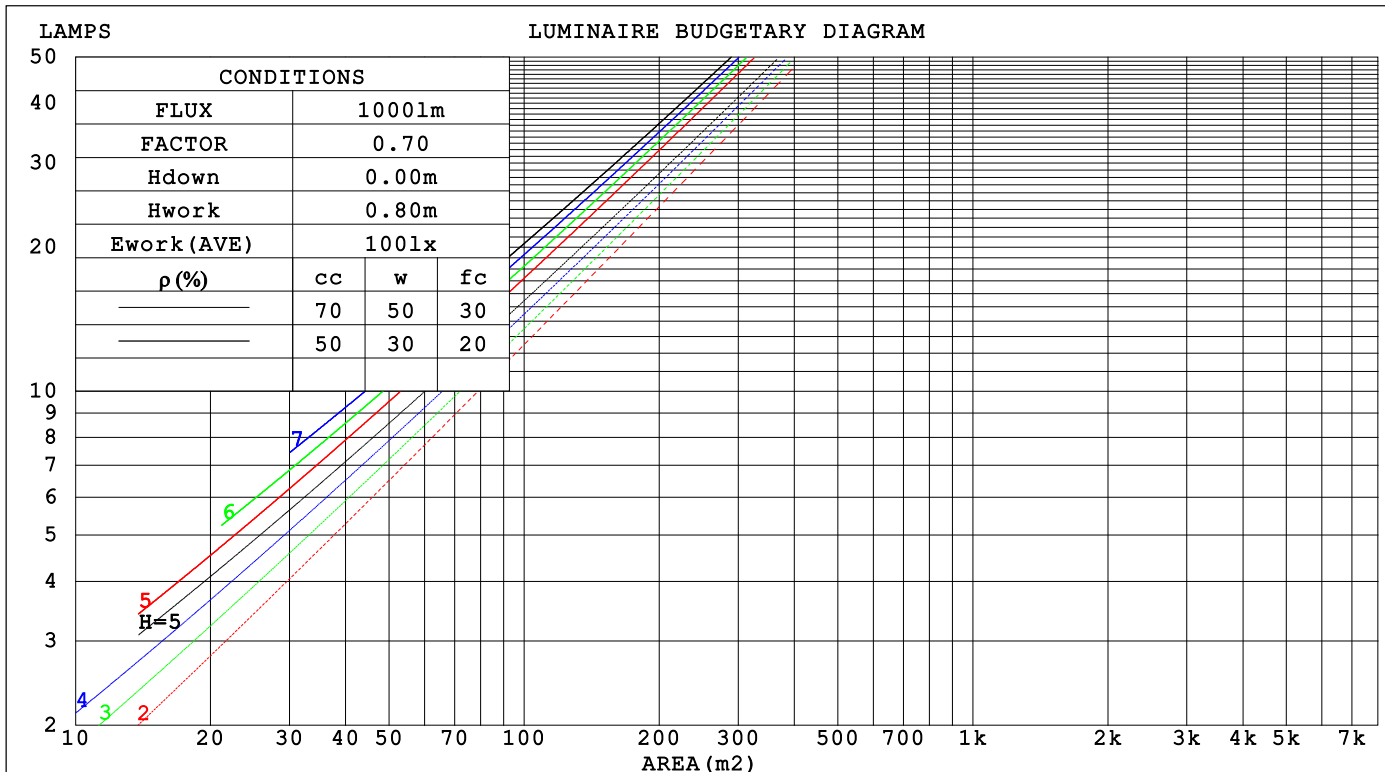
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	155	144
80	918	990
75	1544	1640
70	2064	2182
65	3066	3099
60	3611	3526
55	4062	3885
50	4455	4395
45	5175	5563

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Temperature:25.3℃	Humidity:65.0%
Operators:001	Test Distance:7.580m [K=1.0000]
Test Date:2024-03-18	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.90	.98	.97	.96	.95	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.93	.90	.97	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.87	.82	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.75	.72	.71
7.0	.79	.74	.70	.78	.73	.70	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.72	.68	.65	.72	.68	.65	.64
9.0	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.69	.65	.62	.61
10.0	.69	.63	.60	.68	.63	.60	.67	.63	.60	.67	.62	.60	.66	.62	.59	.58



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.167	.095	.030	.161	.092	.029	.148	.085	.027	.136	.078	.025	.125	.072	.023		
2.0	.158	.087	.027	.153	.084	.026	.142	.079	.024	.132	.074	.023	.122	.069	.022		
3.0	.150	.080	.024	.145	.077	.023	.135	.073	.022	.127	.070	.021	.119	.066	.020		
4.0	.142	.074	.022	.137	.072	.021	.129	.069	.020	.122	.065	.020	.115	.063	.019		
5.0	.134	.068	.020	.131	.067	.020	.124	.064	.019	.117	.062	.018	.111	.059	.018		
6.0	.128	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	.107	.056	.017		
7.0	.122	.060	.017	.119	.059	.017	.113	.057	.017	.108	.056	.016	.104	.054	.016		
8.0	.116	.057	.016	.114	.056	.016	.109	.054	.016	.104	.053	.015	.100	.051	.015		
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014		
10.0	.107	.051	.014	.105	.051	.014	.101	.049	.014	.097	.048	.014	.094	.047	.014		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.176	.163	.151	.151	.140	.130	.103	.096	.090	.059	.056	.052	.019	.018	.017		
2.0	.160	.138	.120	.137	.119	.104	.094	.082	.072	.054	.048	.042	.017	.016	.014		
3.0	.147	.119	.097	.126	.103	.084	.087	.072	.059	.050	.042	.035	.016	.014	.011		
4.0	.136	.105	.080	.117	.090	.070	.080	.063	.049	.047	.037	.029	.015	.012	.010		
5.0	.127	.093	.067	.109	.080	.059	.075	.056	.041	.044	.033	.025	.014	.011	.008		
6.0	.119	.083	.058	.102	.072	.050	.071	.050	.035	.041	.030	.021	.013	.010	.007		
7.0	.112	.075	.050	.097	.065	.043	.067	.046	.031	.039	.027	.018	.013	.009	.006		
8.0	.106	.069	.044	.092	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005		
9.0	.101	.064	.039	.087	.055	.034	.060	.039	.024	.035	.023	.014	.011	.008	.005		
10.0	.096	.059	.035	.083	.051	.030	.058	.036	.021	.034	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm										
NAME: DL3233 4000K RA90 36D						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: VJC Lighting						SUR.: 174*84		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	10.3	11.1	10.5	11.3	11.5	10.5	11.3	10.7	11.5	11.7
3H	10.6	11.4	10.8	11.6	11.8	10.8	11.6	11.0	11.8	12.0
4H	10.6	11.4	10.9	11.6	11.8	10.8	11.6	11.1	11.8	12.0
6H	10.6	11.3	10.9	11.6	11.8	10.8	11.5	11.1	11.8	12.0
8H	10.6	11.2	10.9	11.5	11.8	10.8	11.4	11.1	11.7	12.0
12H	10.5	11.2	10.9	11.5	11.7	10.7	11.4	11.1	11.7	11.9
4H 2H	10.4	11.1	10.7	11.4	11.6	10.6	11.3	10.9	11.5	11.8
3H	10.8	11.4	11.1	11.7	12.0	11.0	11.6	11.3	11.9	12.2
4H	10.9	11.5	11.2	11.8	12.1	11.1	11.6	11.4	11.9	12.3
6H	10.9	11.4	11.3	11.7	12.1	11.1	11.6	11.4	11.9	12.3
8H	10.8	11.3	11.2	11.7	12.1	11.0	11.5	11.4	11.9	12.2
12H	10.8	11.2	11.2	11.6	12.0	11.0	11.4	11.4	11.8	12.2
8H 4H	10.8	11.3	11.2	11.7	12.1	11.0	11.5	11.4	11.8	12.2
6H	10.8	11.2	11.3	11.6	12.1	11.0	11.4	11.5	11.8	12.3
8H	10.8	11.2	11.3	11.6	12.1	11.0	11.3	11.4	11.8	12.2
12H	10.8	11.1	11.2	11.5	12.0	10.9	11.2	11.4	11.7	12.2
12H 4H	10.8	11.2	11.2	11.6	12.0	11.0	11.4	11.4	11.8	12.2
6H	10.8	11.2	11.3	11.6	12.0	11.0	11.3	11.4	11.8	12.2
8H	10.8	11.1	11.3	11.5	12.0	10.9	11.2	11.4	11.7	12.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.1 / - 1.2					+ 1.4 / - 1.3				
1.5H	+ 2.0 / - 0.8					+ 2.5 / - 1.0				
2.0H	+ 0.6 / - 0.7					+ 0.9 / - 0.8				

CIE Pub.117, 1826 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.1$)
Area: 0.015 m²

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

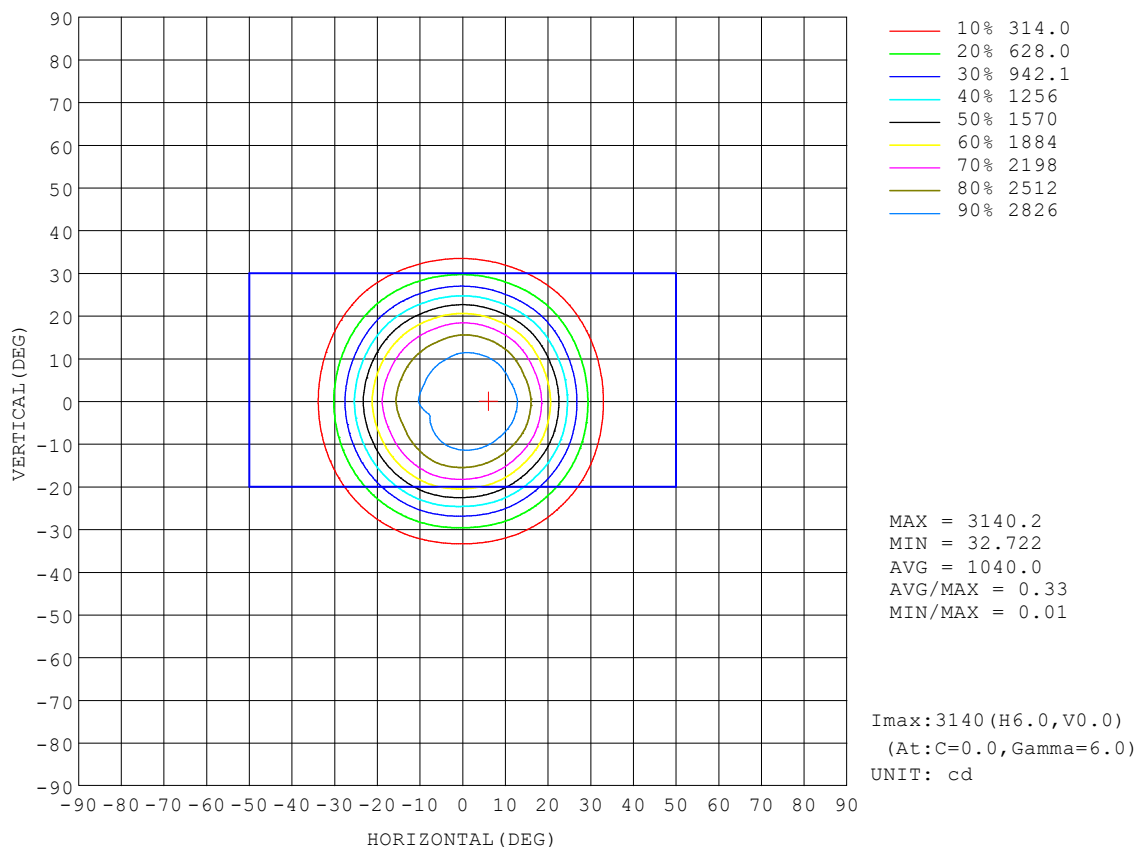
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	93	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
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: 25.3°C
 Operators: 001
 Test Date: 2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

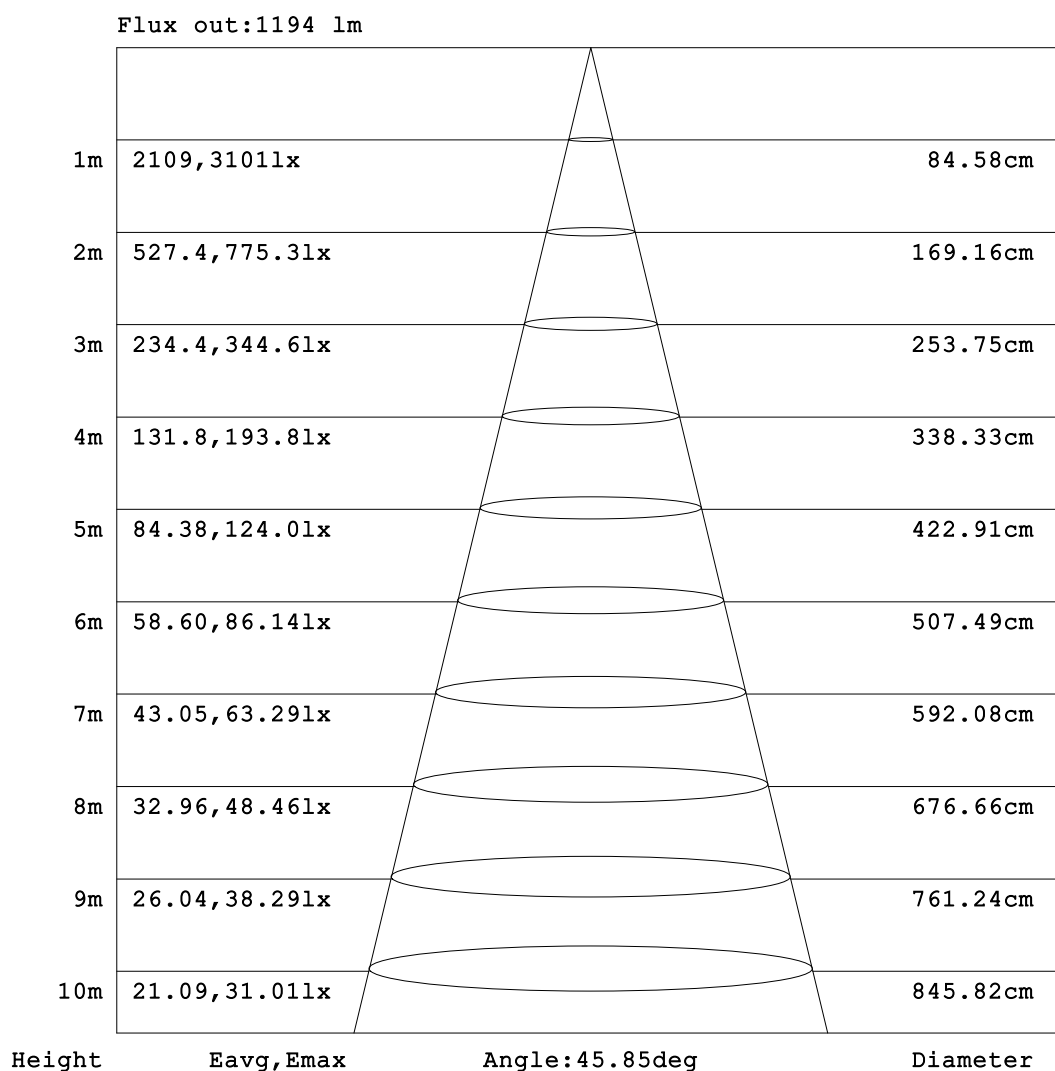


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:



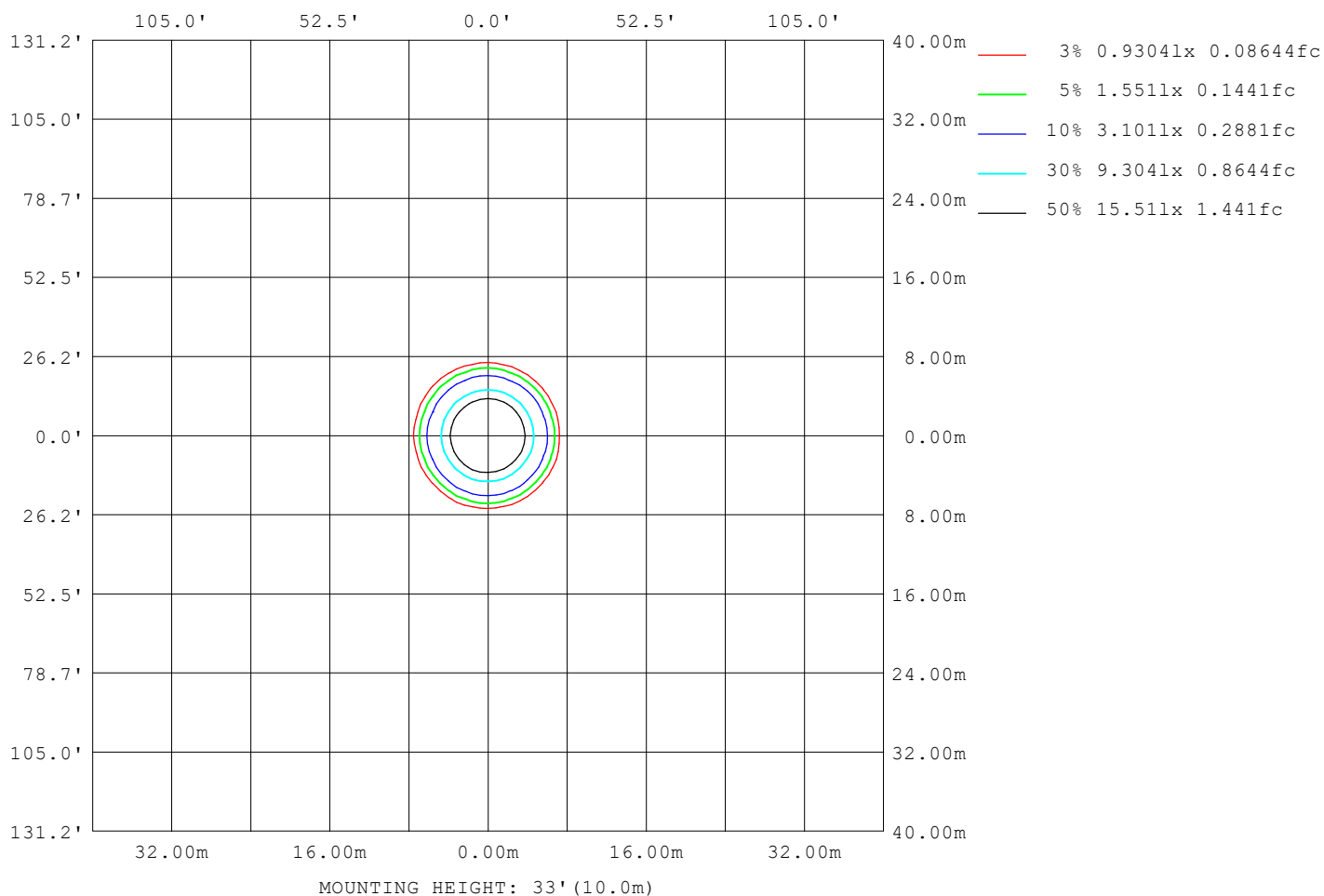
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm		
NAME: DL3233 4000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 174*84	Shielding Angle:

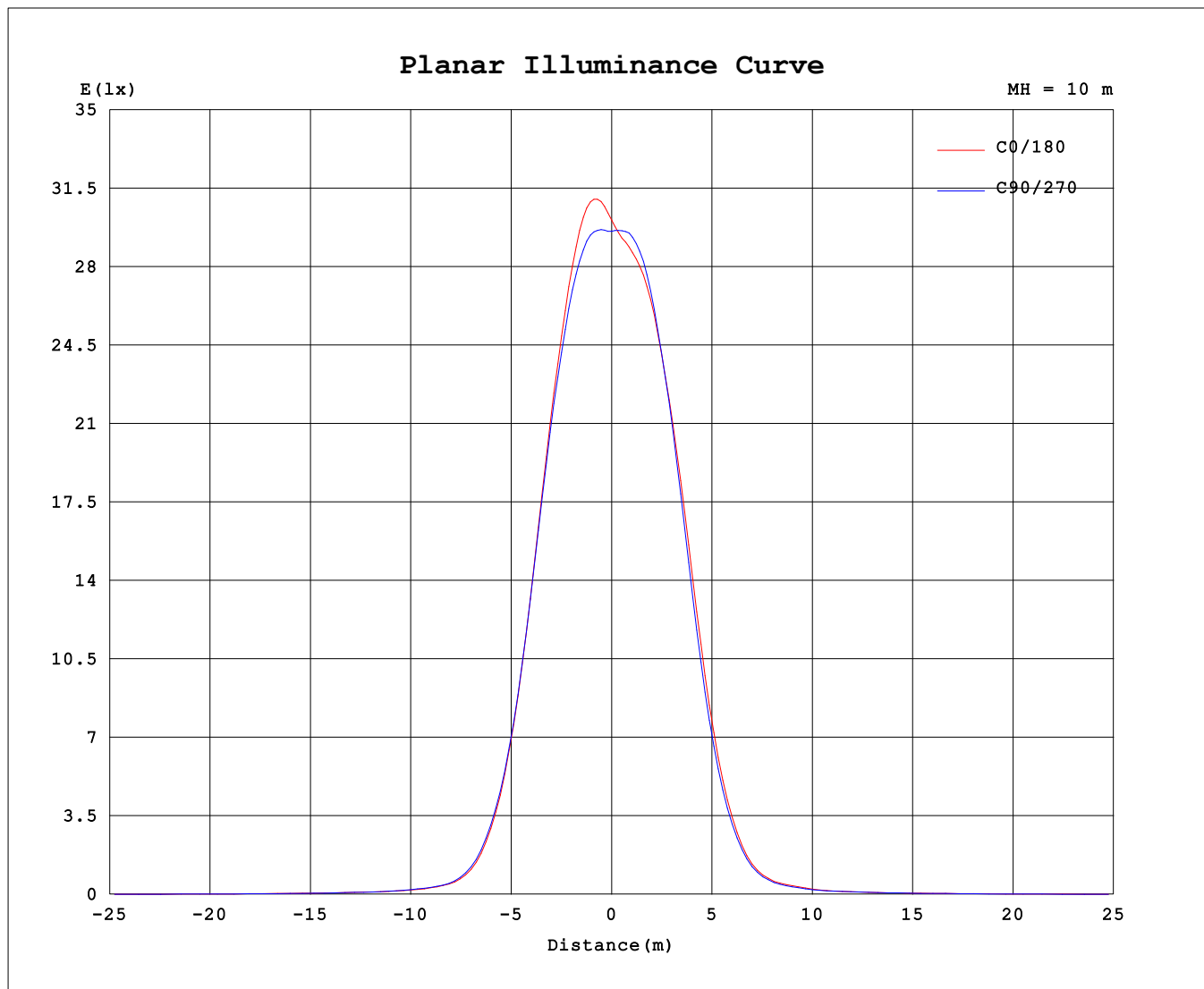
AvgL	cd/m2
L_0~180 (65) av	3119
L_0~180 (75) av	1629
L_0~180 (85) av	284
L_90~270 (65) av	3093
L_90~270 (75) av	1650
L_90~270 (85) av	129
L_45 (65) av	3155
L_45 (75) av	1656
L_45 (85) av	264

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: 001
Test Date: 2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.78V I:0.1547A P:20.515W PF:0.5745 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1825.53x1 lm																	
NAME: DL3233 4000K RA90 36D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 174*84						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	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968	2968			
5	3095	3090	3062	3035	2999	2958	2920	2891	2882	2887	2915	2950	2994	3029	3061	3080			
10	2985	2979	2945	2931	2907	2880	2840	2805	2803	2800	2822	2853	2904	2932	2969	2972			
15	2591	2592	2558	2562	2569	2583	2554	2533	2531	2516	2520	2522	2570	2585	2606	2594			
20	1949	1955	1921	1947	1964	2021	2024	2019	2027	1995	1983	1961	1975	1967	1986	1954			
25	1175	1187	1167	1200	1203	1265	1274	1288	1294	1257	1255	1212	1215	1199	1224	1184			
30	555	569	571	594	593	622	634	639	641	626	629	609	595	583	589	568			
35	201	210	214	223	225	237	240	244	243	244	251	233	228	219	217	205			
40	87.2	89.2	87.2	90.2	92.5	100	104	105	110	113	116	107	101	95.1	92.3	84.4			
45	54.2	55.5	57.3	59.8	59.2	61.1	64.2	64.3	65.4	69.2	69.4	65.3	61.5	59.2	57.9	53.8			
50	42.4	43.9	44.6	43.7	42.5	42.7	43.3	43.2	44.0	45.5	47.5	45.9	44.2	44.2	43.8	42.6			
55	34.5	35.3	35.9	34.7	33.5	34.0	34.3	34.2	35.7	36.0	36.9	35.6	35.2	34.9	35.5	34.8			
60	26.7	27.0	27.7	26.9	26.5	26.9	27.1	26.7	27.5	27.7	27.8	27.0	26.9	26.8	27.4	26.9			
65	19.2	19.2	19.7	19.6	19.7	20.2	20.2	19.9	20.4	20.6	20.4	19.7	19.5	19.3	19.6	19.2			
70	10.4	10.5	10.8	10.9	11.2	11.6	11.5	11.4	11.4	11.4	11.6	11.2	11.1	10.9	11.1	10.5			
75	5.91	6.04	6.20	6.23	6.39	6.70	6.68	6.71	6.74	6.64	6.71	6.50	6.42	6.14	6.12	5.82			
80	2.36	2.45	2.57	2.53	2.59	2.90	2.95	3.09	3.10	3.03	3.02	2.80	2.50	2.44	2.39	2.28			
85	0.20	0.21	0.20	0.16	0.19	0.22	0.48	0.52	0.54	0.55	0.52	0.20	0.15	0.16	0.17	0.20			
90	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07	0.07			
95	0.09	0.11	0.08	0.11	0.08	0.11	0.08	0.10	0.10	0.07	0.10	0.07	0.10	0.07	0.10	0.07			
100	0.13	0.15	0.13	0.15	0.13	0.15	0.13	0.15	0.13	0.10	0.12	0.10	0.13	0.10	0.13	0.11			
105	0.19	0.21	0.18	0.20	0.18	0.20	0.17	0.20	0.17	0.14	0.17	0.14	0.17	0.15	0.17	0.15			
110	0.24	0.27	0.24	0.26	0.24	0.26	0.23	0.25	0.23	0.21	0.23	0.21	0.24	0.23	0.25	0.23			
115	0.32	0.35	0.31	0.33	0.31	0.32	0.30	0.32	0.38	0.36	0.39	0.38	0.41	0.40	0.43	0.41			
120	0.47	0.49	0.47	0.47	0.44	0.45	0.42	0.43	0.71	0.69	0.71	0.72	0.76	0.76	0.79	0.79			
125	0.78	0.78	0.76	0.76	0.72	0.72	0.69	0.69	1.29	1.28	1.30	1.32	1.36	1.40	1.43	1.44			
130	1.35	1.34	1.31	1.28	1.25	1.22	1.20	1.19	2.17	2.17	2.17	2.22	2.26	2.32	2.34	2.35			
135	2.19	2.16	2.13	2.09	2.07	2.02	2.00	1.98	3.30	3.31	3.30	3.36	3.40	3.45	3.46	3.48			
140	3.24	3.20	3.17	3.14	3.12	3.08	3.06	3.03	4.63	4.64	4.63	4.68	4.71	4.76	4.75	4.77			
145	4.42	4.38	4.36	4.34	4.33	4.28	4.28	4.25	6.02	6.02	6.01	6.06	6.08	6.10	6.08	6.09			
150	5.60	5.57	5.56	5.55	5.56	5.51	5.51	5.50	7.35	7.34	7.35	7.39	7.41	7.40	7.36	7.35			
155	6.66	6.67	6.66	6.68	6.70	6.65	6.62	6.62	8.45	8.43	8.47	8.51	8.53	8.48	8.42	8.38			
160	7.55	7.58	7.61	7.65	7.64	7.58	7.53	7.52	9.20	9.19	9.25	9.27	9.32	9.23	9.16	9.08			
165	8.31	8.35	8.39	8.44	8.39	8.33	8.28	8.26	9.65	9.64	9.69	9.69	9.75	9.64	9.60	9.52			
170	9.06	9.12	9.09	9.17	9.07	8.98	8.94	8.99	9.94	9.95	9.96	9.90	9.98	9.91	9.89	9.81			
175	9.80	9.86	9.87	9.84	9.66	9.67	9.71	9.70	10.2	10.2	10.3	10.2	10.2	10.2	10.2	10.08			
180	10.3	10.4	10.3	10.3	10.2	10.2	10.3	10.2	10.4	10.3	10.4	10.2	10.2	10.2	10.3	10.2			

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