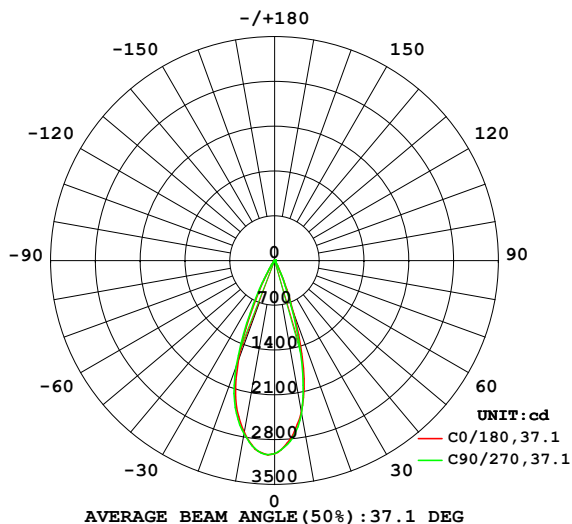


LUMINAIRE PHOTOMETRIC TEST REPORT

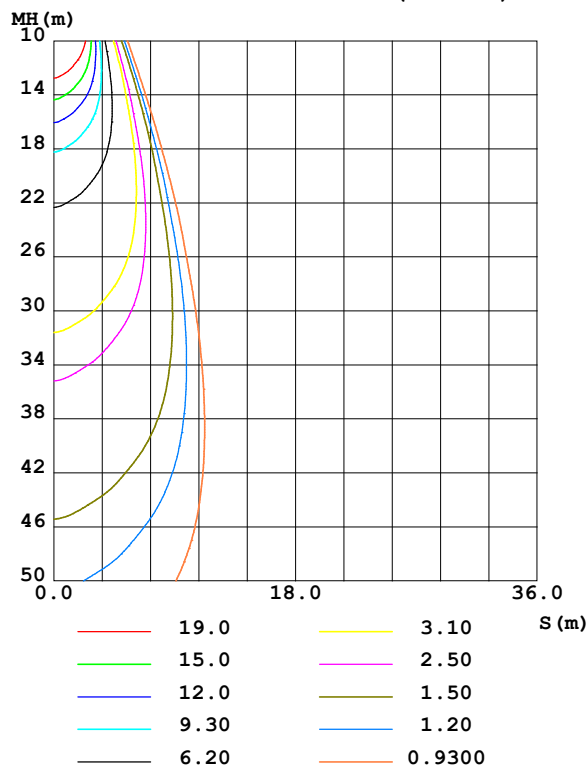
Test:U:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.36 lm/W			
MODEL	DT.DL3541-11K30D36	I _{max} (cd)	3084	S/MH(C0/180)	0.63
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.64
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1184.3	η UP,DN(C0-180)	0.4,41.1
NOMINAL FLUX(lm)	1184.31	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,58.2
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-08-03

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	2412	2379	2422	2578	2734	2902	2753	2532	0- 10	267.2	267.2	22.6,22.6
20	874.9	685.0	786.2	1224	1653	2053	1756	1208	10- 20	547.6	814.8	68.8,68.8
30	105.8	80.48	90.20	158.6	284.9	456.0	323.4	167.7	20- 30	283.1	1098	92.7,92.7
40	20.29	15.81	17.81	25.15	36.23	53.87	43.85	27.52	30- 40	52.94	1151	97.2,97.2
50	7.469	6.550	6.884	8.050	9.671	10.84	10.67	8.527	40- 50	12.03	1163	98.2,98.2
60	4.419	4.188	4.209	4.527	4.905	5.388	5.273	4.723	50- 60	5.575	1168	98.7,98.7
70	2.882	2.557	2.643	3.004	3.311	3.636	3.569	3.152	60- 70	3.844	1172	99,99
80	1.217	0.9280	1.016	1.358	1.630	1.914	1.836	1.454	70- 80	2.364	1175	99.2,99.2
90	0.0244	0.0203	0.0206	0.0141	0.0813	0.4051	0.3166	0.0138	80- 90	0.7504	1175	99.2,99.2
100	0.0554	0.0610	0.0548	0.0299	0.0266	0.0204	0.0229	0.0300	90-100	0.0400	1175	99.2,99.2
110	0.1285	0.1287	0.1212	0.0968	0.0577	0.0474	0.0527	0.0670	100-110	0.0643	1175	99.3,99.3
120	0.2172	0.2437	0.2150	0.1660	0.1733	0.1335	0.1468	0.2266	110-120	0.1261	1176	99.3,99.3
130	0.7063	0.8685	0.7108	0.4470	0.8398	0.6610	0.7544	1.107	120-130	0.3655	1176	99.3,99.3
140	2.193	2.539	2.211	1.588	2.586	2.237	2.415	3.019	130-140	1.126	1177	99.4,99.4
150	4.373	4.720	4.406	3.648	4.981	4.558	4.757	5.411	140-150	2.139	1179	99.6,99.6
160	5.978	6.140	6.110	5.624	6.916	6.672	6.791	7.008	150-160	2.562	1182	99.8,99.8
170	6.251	6.441	6.601	6.543	7.023	7.155	7.121	6.963	160-170	1.887	1184	99.9,99.9
180	6.695	6.950	6.890	6.911	6.759	6.984	6.929	6.938	170-180	0.6473	1184	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1158.5 lm

%lum = 97.8%

%lamp = 97.8%

Conical surface Flux(130deg): 1170.5 lm

%lum = 98.8%

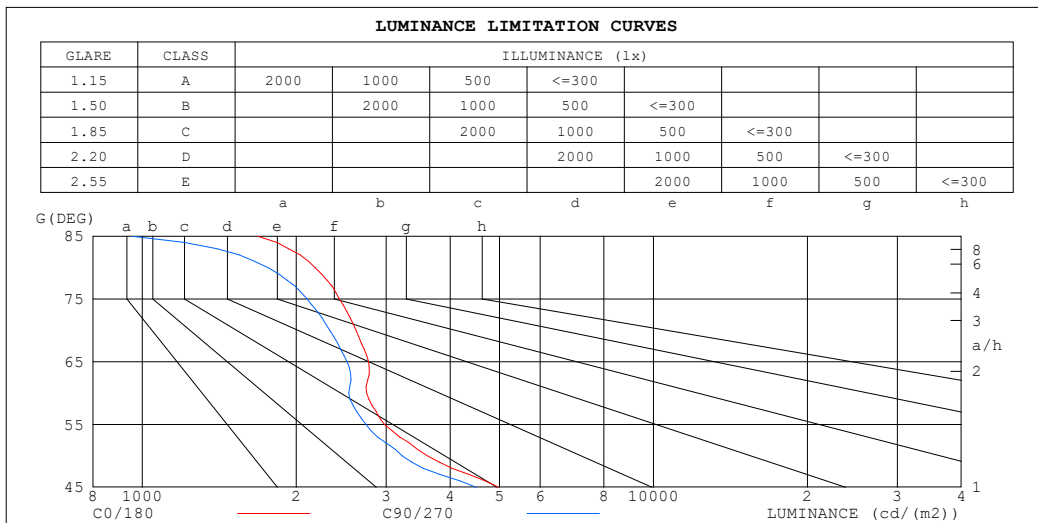
%lamp = 98.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:VJC008
 Test Date:2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:



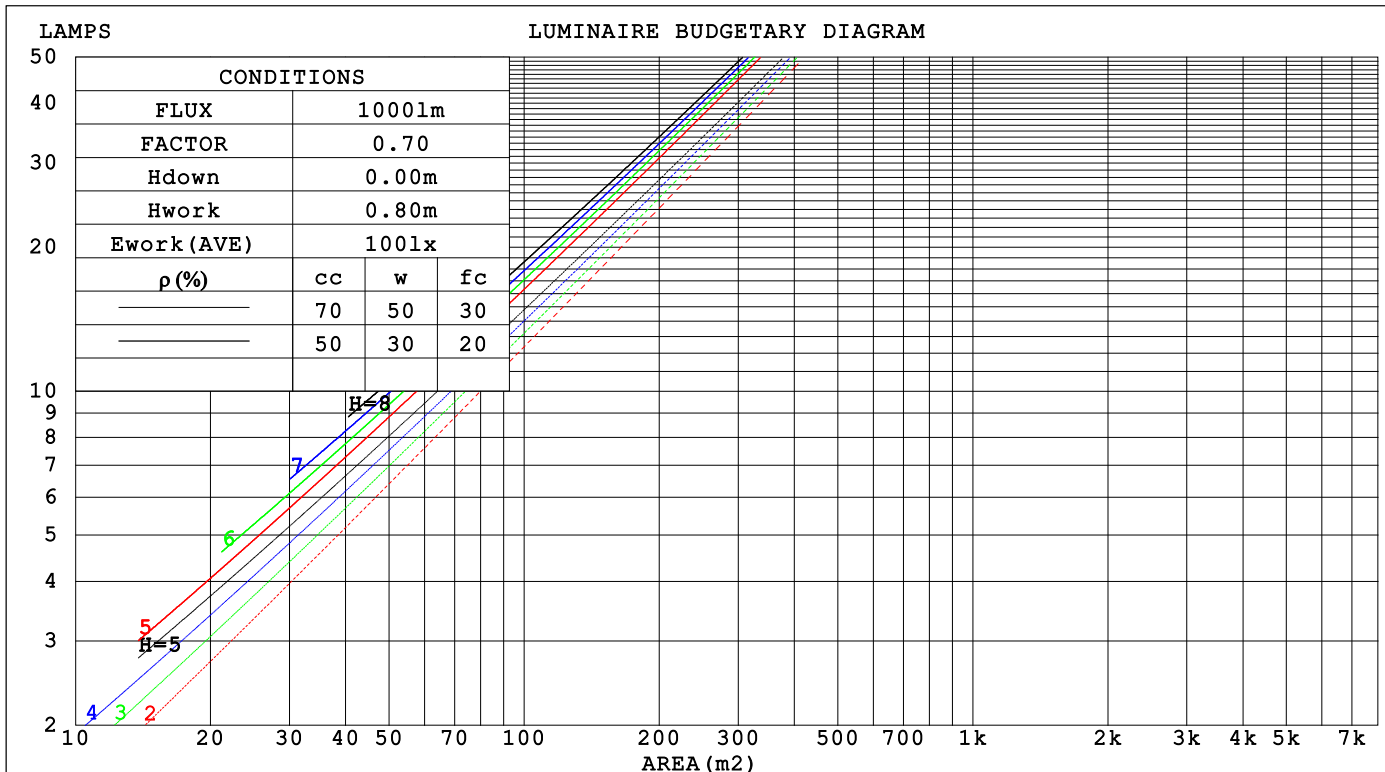
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-08-03

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.97	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.92	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.85	.83	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.84	.80	.76	.84	.79	.76	.83	.79	.76	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.76	.73	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.71
9.0	.78	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.70	.68
10.0	.75	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 65			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	.151	.086	.027	.144	.082	.026	.131	.075	.024	.119	.069	.022	.108	.063	.020		
2.0	.141	.077	.024	.135	.074	.023	.124	.069	.021	.114	.064	.020	.105	.060	.019		
3.0	.132	.070	.021	.127	.068	.020	.118	.064	.019	.110	.060	.018	.102	.056	.017		
4.0	.124	.065	.019	.120	.063	.019	.112	.060	.018	.105	.057	.017	.099	.054	.016		
5.0	.118	.060	.017	.114	.059	.017	.107	.056	.016	.101	.053	.016	.095	.051	.015		
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.097	.051	.015	.092	.049	.014		
7.0	.106	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.089	.046	.014		
8.0	.102	.050	.014	.099	.049	.014	.095	.047	.014	.091	.046	.013	.087	.044	.013		
9.0	.098	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012		
10.0	.094	.045	.012	.092	.044	.012	.088	.043	.012	.085	.042	.012	.081	.041	.012		

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	.175	.163	.153	.150	.140	.131	.102	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.158	.138	.122	.135	.119	.106	.093	.082	.074	.053	.048	.043	.017	.016	.014		
3.0	.144	.119	.100	.123	.103	.086	.085	.071	.061	.049	.042	.036	.016	.014	.012		
4.0	.132	.104	.083	.113	.090	.072	.078	.063	.051	.045	.037	.030	.014	.012	.010		
5.0	.122	.092	.070	.105	.080	.061	.072	.056	.043	.042	.033	.025	.013	.011	.008		
6.0	.114	.082	.060	.098	.071	.052	.067	.050	.037	.039	.029	.022	.013	.010	.007		
7.0	.107	.074	.052	.092	.064	.045	.063	.045	.032	.037	.027	.019	.012	.009	.006		
8.0	.100	.068	.045	.086	.059	.040	.060	.041	.028	.035	.024	.017	.011	.008	.006		
9.0	.095	.062	.040	.082	.054	.035	.057	.038	.025	.033	.022	.015	.011	.007	.005		
10.0	.090	.058	.036	.078	.050	.031	.054	.035	.022	.031	.021	.013	.010	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm										
NAME: DT.DL3541-11K30D36					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 65			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	6.5	7.2	6.7	7.4	7.6	5.8	6.6	6.1	6.7	6.9
3H	7.1	7.8	7.4	8.0	8.2	6.5	7.2	6.7	7.4	7.6
4H	7.5	8.1	7.7	8.3	8.5	6.8	7.4	7.1	7.6	7.9
6H	7.7	8.3	8.0	8.5	8.8	7.0	7.6	7.3	7.8	8.1
8H	7.8	8.3	8.1	8.6	8.9	7.0	7.6	7.3	7.9	8.1
12H	7.8	8.3	8.1	8.6	8.9	7.0	7.6	7.3	7.8	8.1
4H 2H	6.6	7.3	6.9	7.5	7.7	6.0	6.7	6.3	6.9	7.1
3H	7.4	8.0	7.8	8.3	8.6	6.9	7.4	7.2	7.7	8.0
4H	7.8	8.4	8.2	8.7	9.0	7.2	7.8	7.6	8.1	8.4
6H	8.2	8.6	8.6	9.0	9.3	7.5	8.0	7.9	8.3	8.7
8H	8.3	8.7	8.7	9.1	9.4	7.6	8.0	8.0	8.4	8.8
12H	8.3	8.7	8.7	9.1	9.5	7.6	8.0	8.0	8.4	8.8
8H 4H	7.9	8.3	8.3	8.7	9.1	7.3	7.8	7.7	8.1	8.5
6H	8.3	8.7	8.7	9.1	9.5	7.7	8.0	8.1	8.4	8.9
8H	8.4	8.8	8.9	9.2	9.6	7.8	8.1	8.2	8.5	9.0
12H	8.5	8.8	9.0	9.2	9.7	7.8	8.1	8.3	8.5	9.0
12H 4H	7.9	8.3	8.3	8.6	9.0	7.3	7.7	7.7	8.1	8.5
6H	8.3	8.6	8.7	9.0	9.5	7.7	8.0	8.1	8.4	8.9
8H	8.4	8.7	8.9	9.2	9.6	7.8	8.1	8.3	8.5	9.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.4 / - 1.0					+ 1.1 / - 0.9				
1.5H	+ 2.6 / - 0.8					+ 2.2 / - 0.8				
2.0H	+ 1.2 / - 0.5					+ 1.0 / - 0.5				

CIE Pub.117, 1184 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.6)
Area: 0.0033 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:

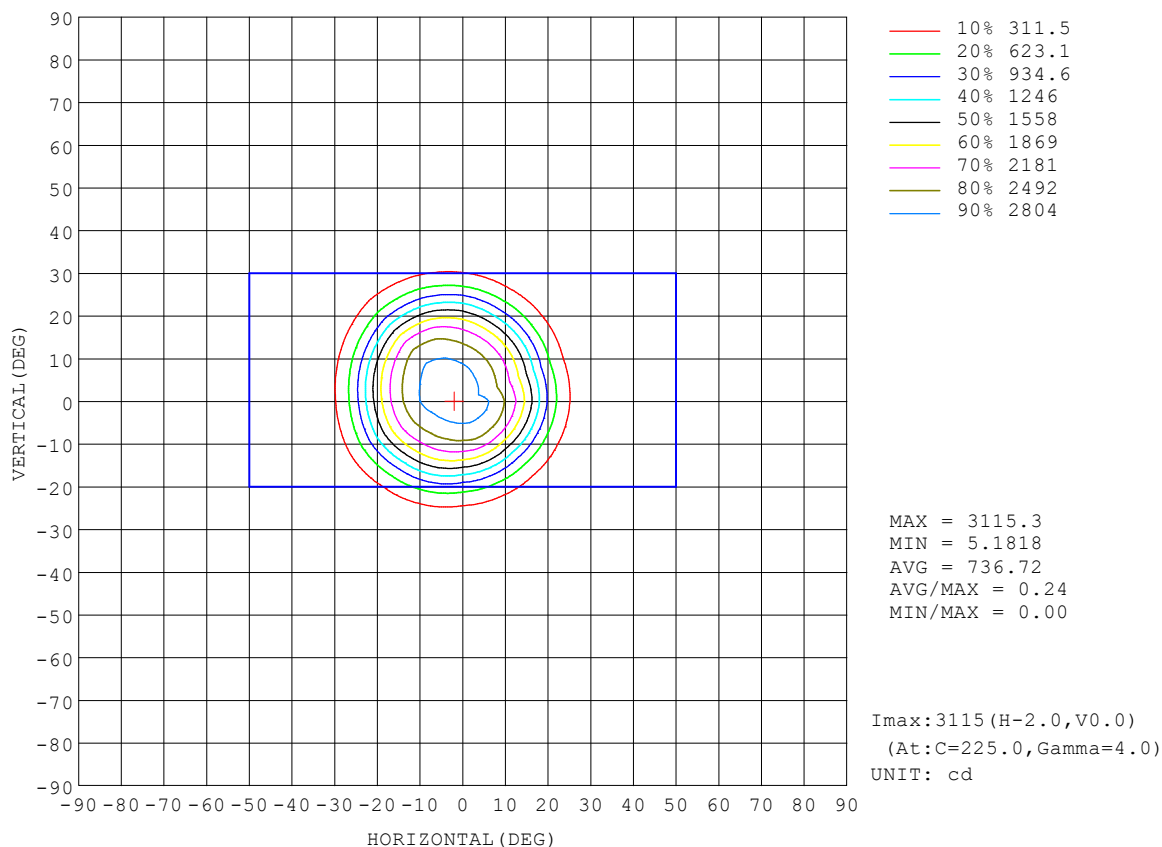
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
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: VJC008
Test Date: 2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:

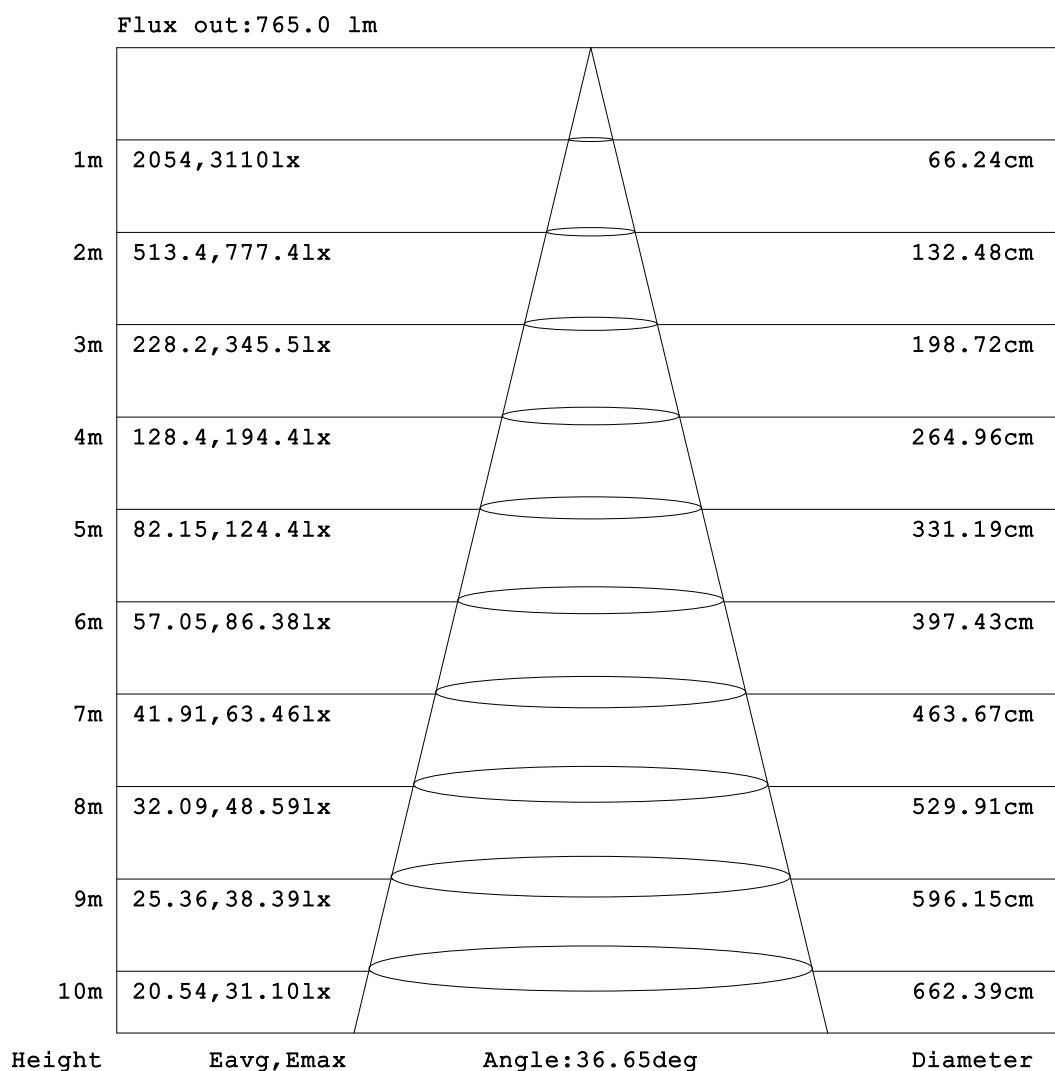


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:



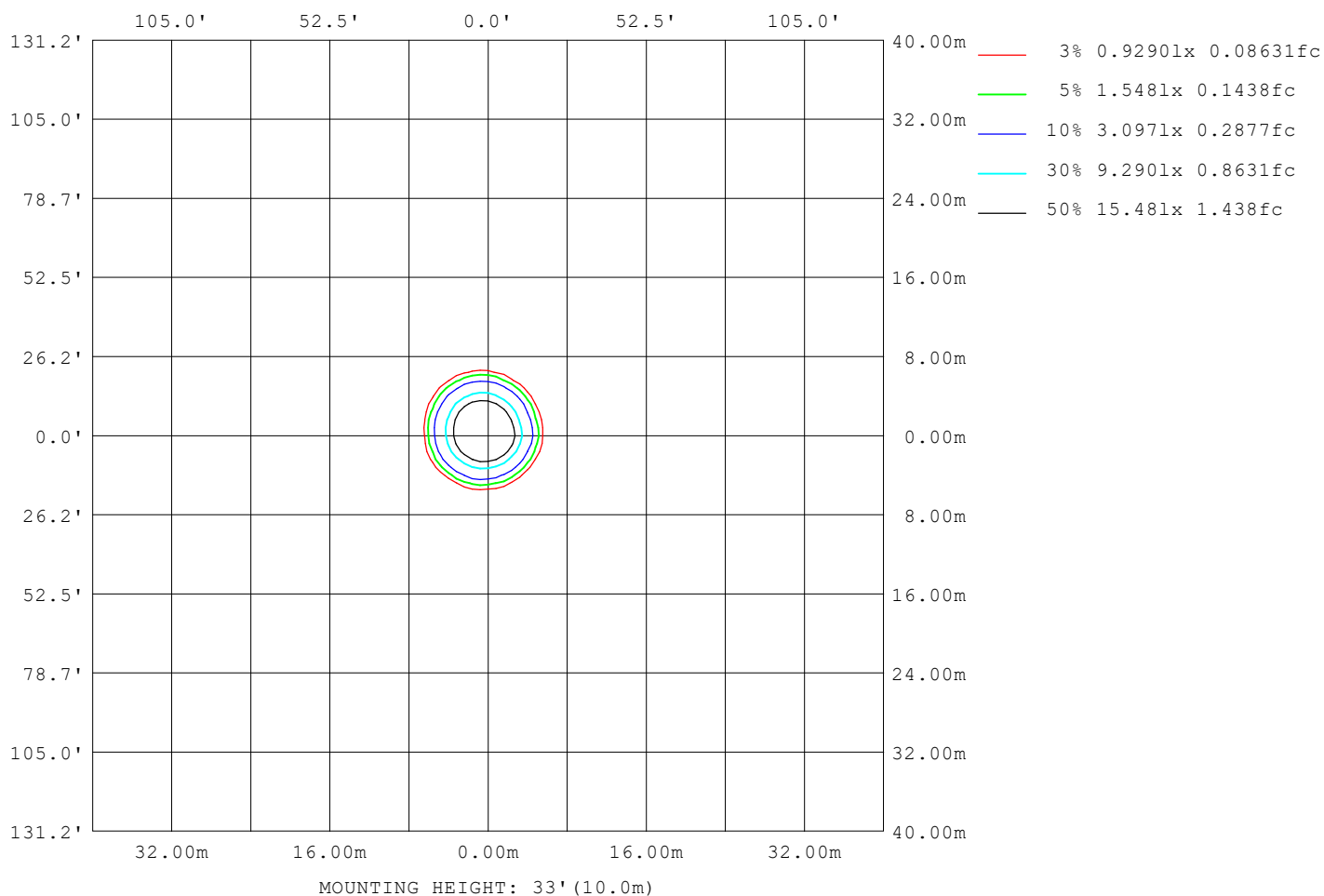
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	Shielding Angle:

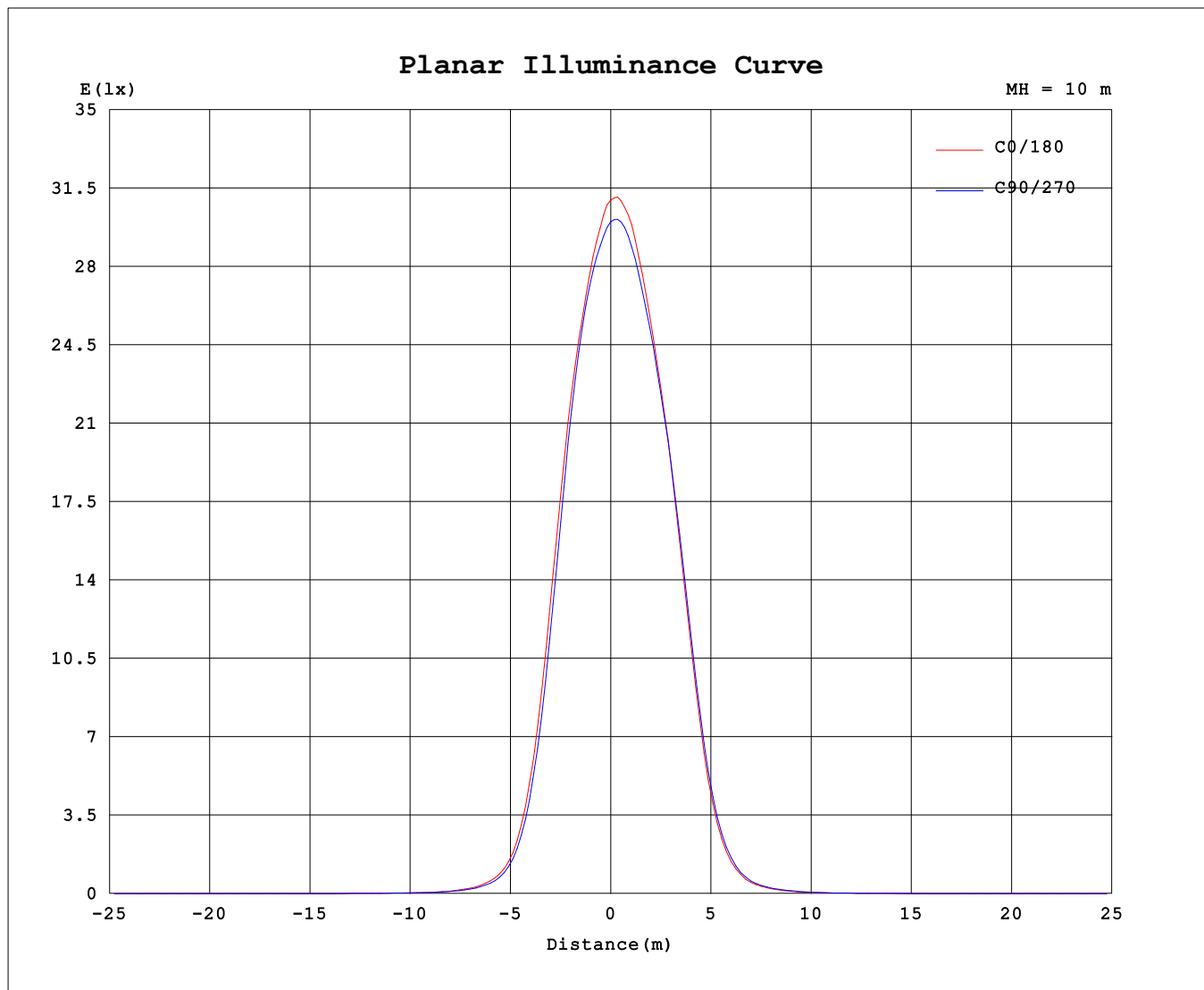
AvgL	cd/m2
L_0~180 (65) av	2770
L_0~180 (75) av	2616
L_0~180 (85) av	2314
L_90~270 (65) av	2781
L_90~270 (75) av	2628
L_90~270 (85) av	2300
L_45 (65) av	2783
L_45 (75) av	2610
L_45 (85) av	2288

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-08-03

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: VJC008
Test Date: 2023-08-03

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:220.68V I:0.0732A P:15.510W PF:0.9603 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1184.31x1 lm		
NAME: DT.DL3541-11K30D36	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 65	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	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019	3019			
5	2806	2803	2803	2819	2831	2855	2899	2960	2990	3040	3068	3042	2989	2909	2851	2789			
10	2412	2399	2379	2405	2422	2479	2578	2699	2734	2808	2902	2849	2753	2647	2532	2418			
15	1739	1623	1537	1571	1647	1852	2039	2282	2326	2459	2622	2558	2380	2207	2018	1779			
20	875	762	685	711	786	1004	1224	1549	1653	1860	2053	1970	1756	1463	1208	945			
25	313	262	231	243	275	377	499	733	826	999	1164	1085	910	672	491	355			
30	106	90.5	80.5	83.5	90.2	119	159	247	285	369	456	410	323	220	168	116			
35	44.4	38.2	34.2	35.3	38.0	46.9	59.7	80.7	90.2	117	152	130	103	78.1	61.0	46.9			
40	20.3	17.5	15.8	16.6	17.8	20.7	25.1	32.7	36.2	45.5	53.9	51.0	43.8	34.8	27.5	21.2			
45	11.3	10.4	9.80	10.1	10.6	10.8	12.0	14.3	15.7	19.3	22.5	22.3	19.5	15.0	12.5	11.0			
50	7.47	6.86	6.55	6.64	6.88	7.22	8.05	9.28	9.67	10.7	10.8	11.1	10.7	9.74	8.53	7.51			
55	5.49	5.26	5.08	5.11	5.21	5.51	5.76	6.20	6.35	6.85	7.14	7.23	6.95	6.52	6.04	5.56			
60	4.42	4.27	4.19	4.17	4.21	4.36	4.53	4.79	4.90	5.16	5.39	5.40	5.27	4.99	4.72	4.45			
65	3.77	3.58	3.45	3.45	3.53	3.69	3.82	3.92	3.96	4.12	4.28	4.30	4.23	4.11	3.97	3.79			
70	2.88	2.69	2.56	2.56	2.64	2.82	3.00	3.22	3.31	3.50	3.64	3.64	3.57	3.37	3.15	2.92			
75	2.02	1.85	1.72	1.73	1.81	1.97	2.15	2.37	2.44	2.63	2.77	2.77	2.68	2.49	2.28	2.06			
80	1.22	1.05	0.93	0.93	1.02	1.18	1.36	1.56	1.63	1.80	1.91	1.92	1.84	1.66	1.45	1.25			
85	0.47	0.30	0.19	0.19	0.28	0.43	0.62	0.81	0.86	1.03	1.13	1.13	1.05	0.88	0.69	0.50			
90	0.02	0.03	0.02	0.03	0.02	0.02	0.01	0.09	0.08	0.31	0.41	0.41	0.32	0.16	0.01	0.01			
95	0.03	0.06	0.03	0.05	0.03	0.03	0.01	0.03	0.02	0.01	0.01	0.01	0.02	0.01	0.02	0.01			
100	0.06	0.09	0.06	0.08	0.05	0.06	0.03	0.04	0.03	0.01	0.02	0.01	0.02	0.01	0.03	0.01			
105	0.09	0.12	0.10	0.12	0.09	0.10	0.06	0.08	0.04	0.01	0.03	0.01	0.03	0.02	0.04	0.02			
110	0.13	0.15	0.13	0.15	0.12	0.13	0.10	0.11	0.06	0.02	0.05	0.02	0.05	0.04	0.07	0.05			
115	0.16	0.19	0.17	0.19	0.16	0.17	0.13	0.15	0.09	0.06	0.07	0.05	0.08	0.07	0.11	0.11			
120	0.22	0.26	0.24	0.26	0.21	0.21	0.17	0.18	0.17	0.12	0.13	0.11	0.15	0.16	0.23	0.29			
125	0.36	0.43	0.44	0.43	0.36	0.32	0.24	0.24	0.38	0.30	0.29	0.27	0.33	0.40	0.54	0.68			
130	0.71	0.82	0.87	0.83	0.71	0.58	0.45	0.38	0.84	0.71	0.66	0.66	0.75	0.89	1.11	1.35			
135	1.32	1.50	1.59	1.52	1.32	1.09	0.88	0.73	1.59	1.40	1.31	1.32	1.46	1.68	1.95	2.28			
140	2.19	2.42	2.54	2.45	2.21	1.88	1.59	1.36	2.59	2.35	2.24	2.26	2.42	2.70	3.02	3.40			
145	3.26	3.50	3.63	3.52	3.28	2.89	2.54	2.24	3.75	3.48	3.34	3.36	3.54	3.86	4.22	4.62			
150	4.37	4.60	4.72	4.64	4.41	4.02	3.65	3.32	4.98	4.70	4.56	4.57	4.76	5.07	5.41	5.76			
155	5.34	5.52	5.59	5.58	5.42	5.11	4.75	4.45	6.11	5.84	5.73	5.74	5.90	6.14	6.40	6.64			
160	5.98	6.09	6.14	6.20	6.11	5.91	5.62	5.42	6.92	6.72	6.67	6.67	6.79	6.89	7.01	7.07			
165	6.20	6.27	6.33	6.49	6.47	6.38	6.21	6.09	7.18	7.13	7.16	7.13	7.21	7.16	7.11	7.09			
170	6.25	6.33	6.44	6.61	6.60	6.61	6.54	6.50	7.02	7.14	7.16	7.13	7.12	7.06	6.96	6.91			
175	6.39	6.54	6.66	6.73	6.68	6.75	6.76	6.72	6.81	6.95	7.05	6.97	6.94	6.94	6.91	6.79			
180	6.69	6.84	6.95	6.92	6.89	6.91	6.91	6.84	6.76	6.82	6.98	6.89	6.93	6.89	6.94	6.81			

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