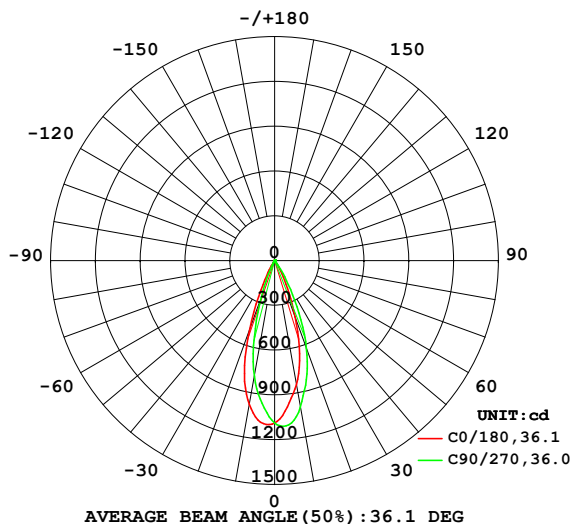


LUMINAIRE PHOTOMETRIC TEST REPORT

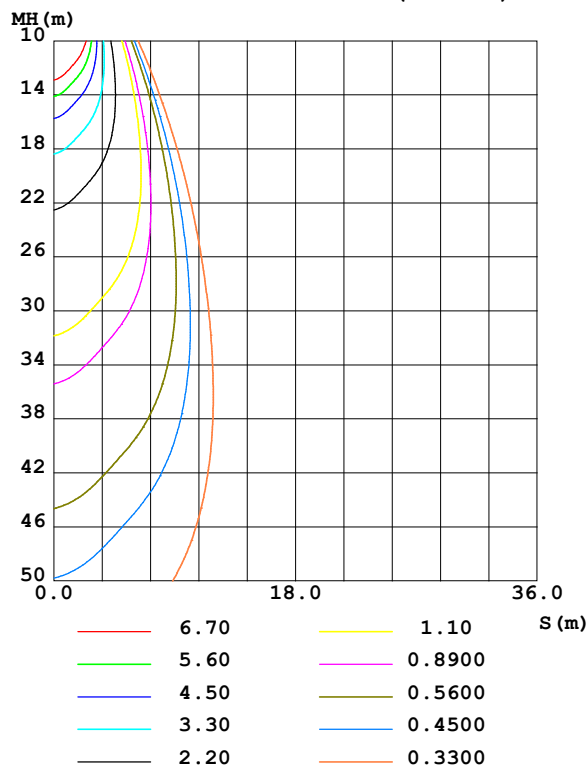
Test:U:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 45.17 lm/W			
MODEL	DL3422 3000K RA90 36D	I _{max} (cd)	1134	S/MH(C0/180)	0.59
NOMINAL POWER(W)	8	LOR(%)	100.0	S/MH(C90/270)	0.48
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	425.66	η UP,DN(C0-180)	0.3,60.1
NOMINAL FLUX(lm)	425.66	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,39.1
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.3	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: 2023-07-04

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	844.4	904.5	996.8	1065	978.3	894.4	786.8	761.3	0- 10	94.68	94.68	22.2,22.2
20	402.8	515.4	625.5	669.2	494.5	369.1	265.6	271.4	10- 20	189.2	283.9	66.7,66.7
30	83.97	133.6	188.4	175.2	73.26	43.44	28.45	36.12	20- 30	109.8	393.7	92.5,92.5
40	8.547	14.81	20.05	15.16	7.499	4.826	3.261	3.604	30- 40	23.54	417.2	98,98
50	1.051	1.485	2.204	2.165	1.371	1.045	0.7313	0.6894	40- 50	3.086	420.3	98.7,98.7
60	0.4993	0.5549	0.6123	0.6360	0.5652	0.4756	0.4221	0.4018	50- 60	0.7200	421.0	98.9,98.9
70	0.3682	0.3813	0.4201	0.4229	0.3815	0.3811	0.3744	0.3605	60- 70	0.4367	421.5	99,99
80	0.5849	0.4370	0.3470	0.3558	0.5508	0.7247	0.8609	0.8318	70- 80	0.4604	421.9	99.1,99.1
90	0	0.1188	0.8309	0.9262	0.0197	0	0	0	80- 90	0.5660	422.5	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0.0467	422.5	99.3,99.3
110	0	0	0	0	0	0.0000	0.0046	0.0046	100-110	0.0005	422.5	99.3,99.3
120	0.0155	0.0068	0.0023	0.0069	0.0645	0.1040	0.1510	0.1459	110-120	0.0219	422.6	99.3,99.3
130	0.1438	0.0922	0.0638	0.0761	0.3577	0.4765	0.6080	0.6270	120-130	0.1482	422.7	99.3,99.3
140	0.6158	0.4773	0.3714	0.3852	0.9791	1.169	1.377	1.420	130-140	0.4263	423.1	99.4,99.4
150	1.372	1.192	1.033	1.034	1.822	2.006	2.206	2.226	140-150	0.7627	423.9	99.6,99.6
160	1.978	1.885	1.805	1.813	2.451	2.539	2.575	2.500	150-160	0.8896	424.8	99.8,99.8
170	2.184	2.194	2.202	2.245	2.511	2.496	2.431	2.347	160-170	0.6471	425.4	99.9,99.9
180	2.375	2.402	2.363	2.384	2.411	2.420	2.390	2.391	170-180	0.2242	425.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 419.43 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(130deg): 421.26 lm

%lum = 99.0%

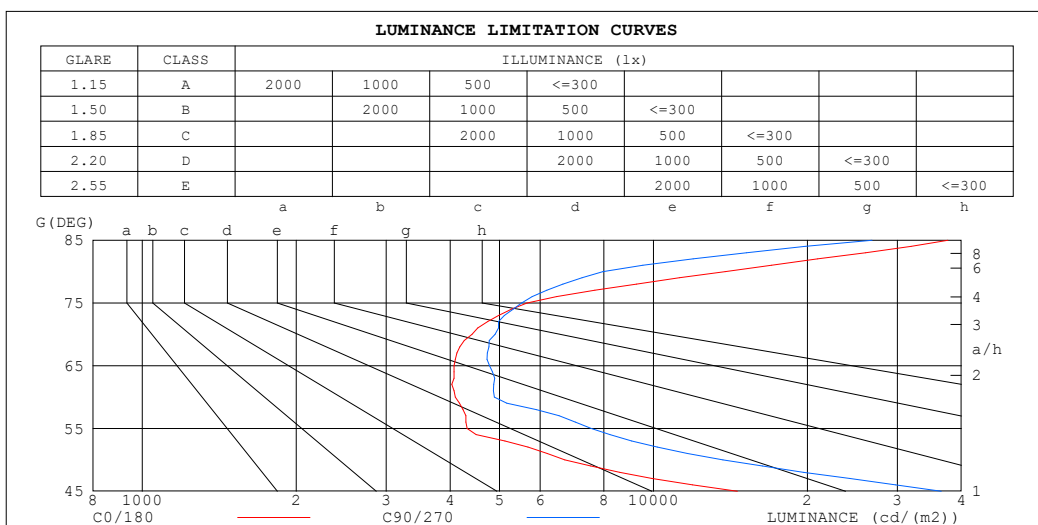
%lamp = 99.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:VJC008
 Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	37689	26789
80	13815	7963
75	5659	5520
70	4416	4895
65	4070	4782
60	4096	4881
55	4317	7559
50	6707	13666
45	14579	36562

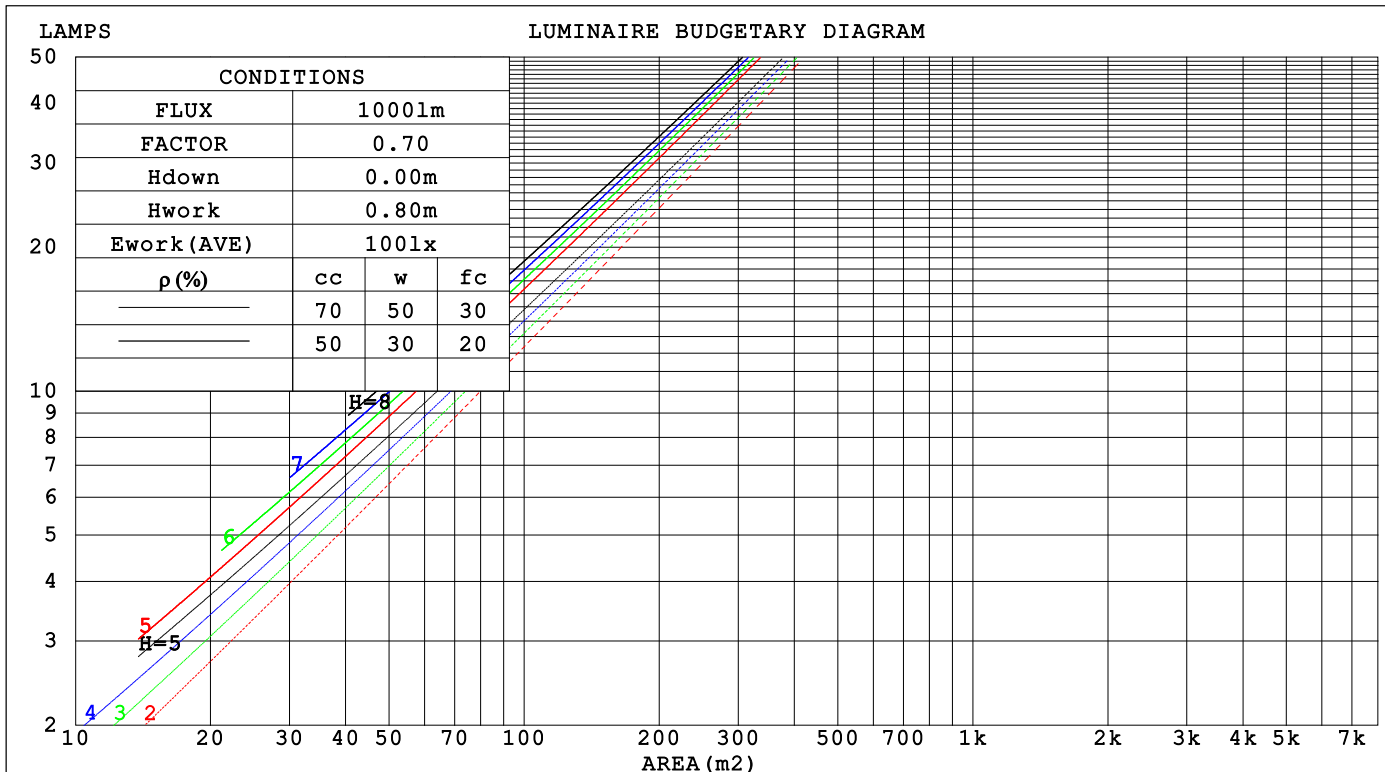
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	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	.85	.89	.86	.84	.83
5.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.84	.79	.76	.84	.79	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.74
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.77	.74	.72	.71
9.0	.78	.73	.70	.77	.73	.70	.76	.72	.70	.76	.72	.69	.75	.72	.69	.68
10.0	.75	.70	.67	.75	.70	.67	.74	.70	.67	.73	.69	.67	.72	.69	.67	.66



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 18			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	.120	.069	.022	.109	.063	.020															
2.0	.141	.077	.024	.135	.074	.023	.124	.069	.021	.115	.064	.020	.105	.060	.019															
3.0	.132	.070	.021	.127	.068	.021	.118	.064	.019	.110	.060	.018	.102	.057	.017															
4.0	.125	.065	.019	.120	.063	.019	.113	.060	.018	.106	.057	.017	.099	.054	.016															
5.0	.118	.060	.017	.114	.059	.017	.108	.056	.017	.102	.054	.016	.096	.051	.015															
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.015															
7.0	.107	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014															
8.0	.102	.050	.014	.100	.049	.014	.096	.048	.014	.091	.046	.013	.087	.045	.013															
9.0	.098	.047	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	.085	.043	.012															
10.0	.094	.045	.013	.092	.045	.012	.089	.044	.012	.085	.042	.012	.082	.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	.105	.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	.087	.059	.039	.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	.032	.021	.013	.010	.007	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm										
NAME: DL3422 3000K RA90 36D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 18			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	20.1	20.9	20.4	21.0	21.2	24.1	24.9	24.4	25.0	25.2
3H	20.0	20.7	20.3	20.9	21.1	24.0	24.7	24.2	24.9	25.1
4H	20.0	20.6	20.2	20.8	21.1	23.9	24.6	24.2	24.8	25.0
6H	20.0	20.6	20.3	20.8	21.1	23.8	24.5	24.1	24.7	25.0
8H	20.1	20.7	20.4	21.0	21.2	23.8	24.4	24.1	24.7	24.9
12H	20.5	21.1	20.8	21.4	21.6	23.8	24.4	24.2	24.7	25.0
4H 2H	19.9	20.6	20.2	20.8	21.0	23.9	24.5	24.2	24.8	25.0
3H	19.8	20.3	20.1	20.6	20.9	23.7	24.3	24.1	24.6	24.9
4H	19.7	20.2	20.1	20.5	20.9	23.7	24.2	24.0	24.5	24.8
6H	19.8	20.3	20.2	20.6	21.0	23.6	24.0	24.0	24.4	24.7
8H	20.1	20.5	20.5	20.9	21.3	23.6	24.0	24.0	24.4	24.7
12H	20.8	21.2	21.2	21.6	22.0	23.6	24.0	24.1	24.4	24.8
8H 4H	19.6	20.0	20.0	20.4	20.8	23.5	23.9	23.9	24.3	24.7
6H	19.8	20.2	20.2	20.6	21.0	23.5	23.8	23.9	24.2	24.6
8H	20.3	20.6	20.7	21.0	21.4	23.5	23.8	23.9	24.2	24.7
12H	21.3	21.6	21.8	22.0	22.5	23.6	23.9	24.1	24.4	24.9
12H 4H	19.6	20.0	20.0	20.3	20.7	23.5	23.8	23.9	24.2	24.6
6H	19.8	20.1	20.3	20.5	21.0	23.4	23.7	23.9	24.2	24.6
8H	20.4	20.6	20.8	21.1	21.6	23.5	23.7	24.0	24.2	24.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.8 / - 2.4					+ 4.2 / - 6.4				
1.5H	+ 3.8 / - 2.3					+ 6.8 / - 6.3				
2.0H	+ 0.5 / - 0.5					+ 3.9 / - 1.2				

CIE Pub.117, 425.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)
Area: 0.00025 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:

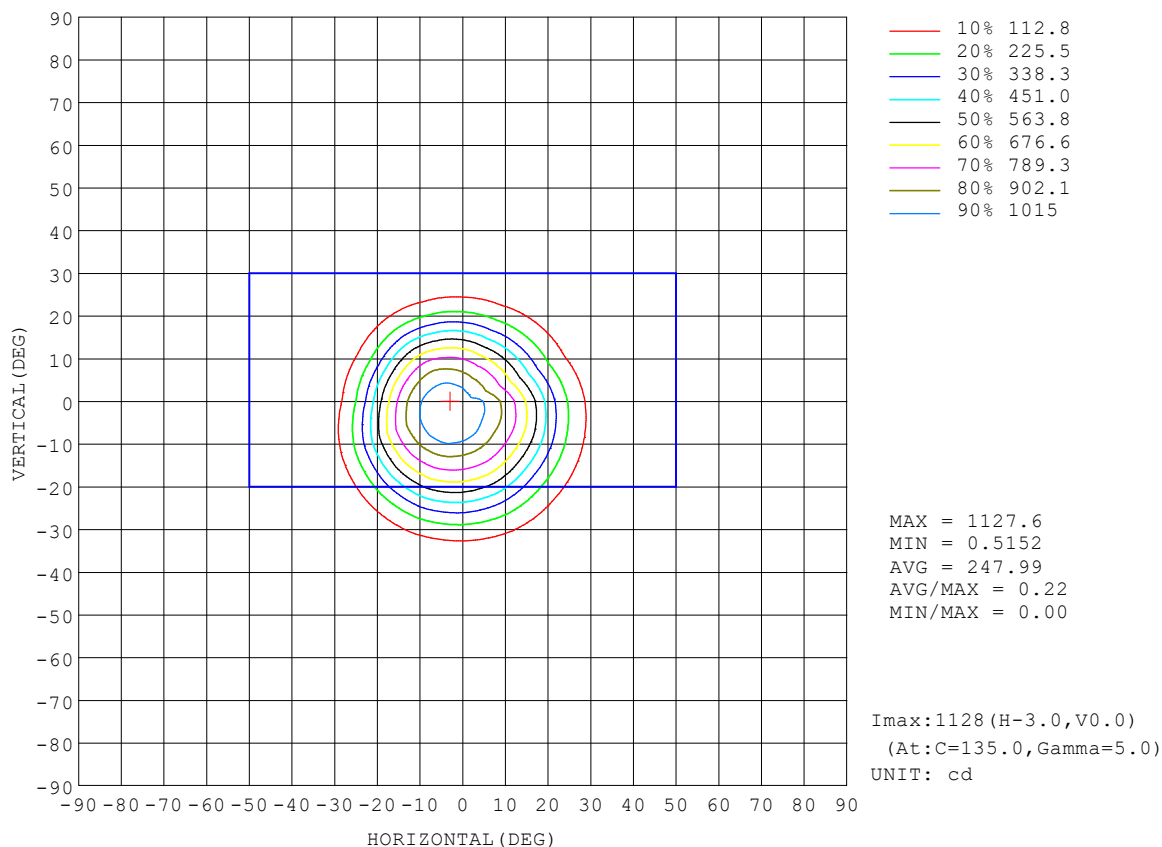
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	85	81	90	84	81	89	84	81	78
0.80	97	92	89	97	92	89	95	91	88	85
1.00	101	96	93	100	96	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	110	108	105	107	105	103	97
4.00	114	112	110	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: 2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:

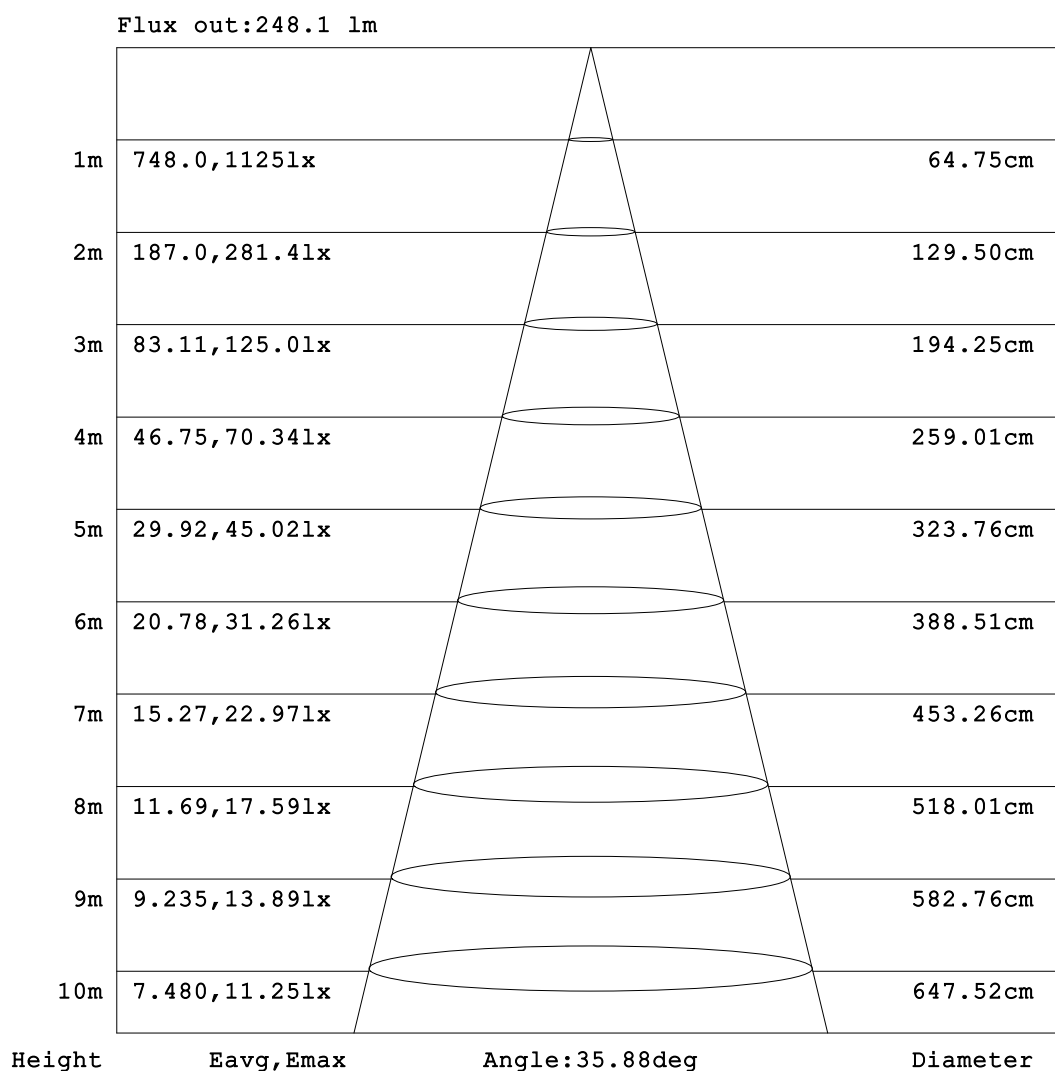


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:



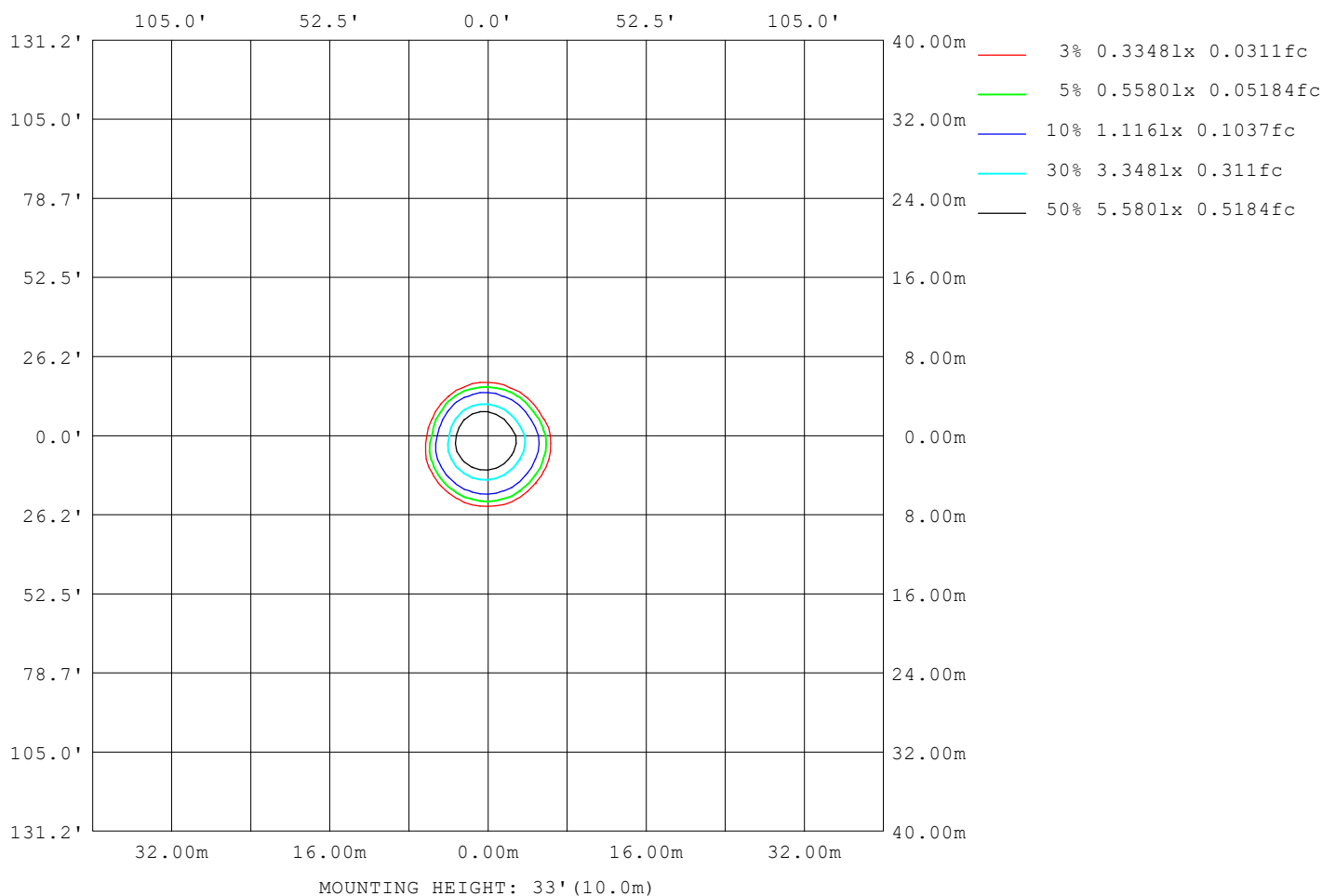
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: VJC008
Test Date: 2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: VJC008
Test Date: 2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm		
NAME: DL3422 3000K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 18	Shielding Angle:

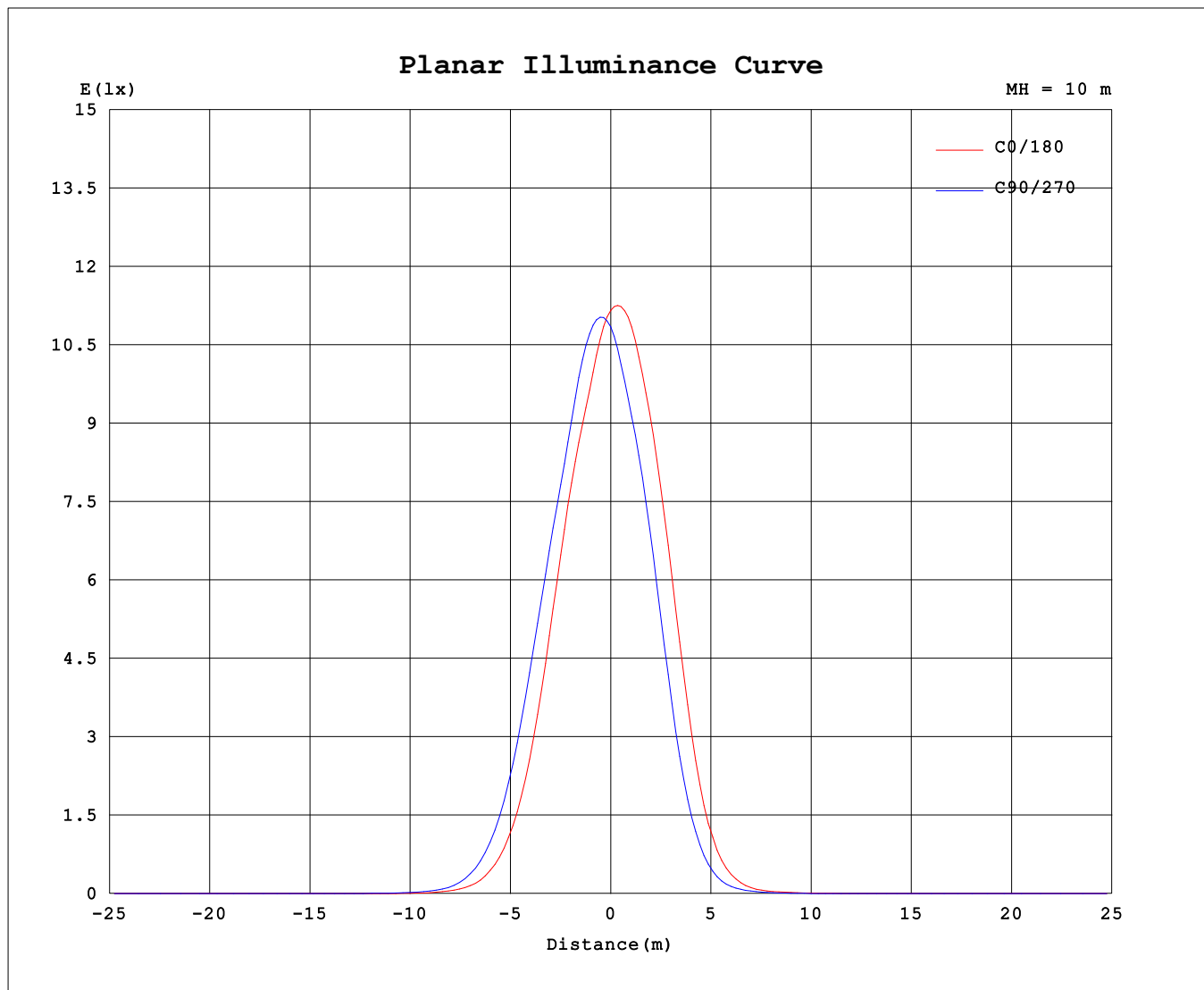
AvgL	cd/m2
L_0~180 (65) av	4115
L_0~180 (75) av	5724
L_0~180 (85) av	39766
L_90~270 (65) av	4149
L_90~270 (75) av	6797
L_90~270 (85) av	13754
L_45 (65) av	4111
L_45 (75) av	6411
L_45 (85) av	24817

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-04

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: 2023-07-04

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:220.61V I:0.0483A P:9.4242W PF:0.8837 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:425.66x1 lm																	
NAME: DL3422 3000K RA90 36D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 18						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	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088			
5	984	1014	1039	1077	1104	1128	1134	1129	1088	1058	1030	989	961	941	940	948			
10	844	882	905	949	997	1048	1065	1059	978	933	894	832	787	755	761	782			
15	646	710	745	793	826	867	890	891	785	716	664	583	530	496	512	545			
20	403	470	515	583	626	665	669	642	495	414	369	302	266	249	271	304			
25	206	252	289	350	389	417	402	353	221	167	148	112	98.5	94.8	113	137			
30	84.0	112	134	170	188	197	175	141	73.3	52.1	43.4	32.1	28.4	28.4	36.1	47.6			
35	27.3	38.3	47.9	63.7	70.2	68.2	55.8	41.1	20.6	14.7	12.5	10.1	9.35	9.30	11.5	15.0			
40	8.55	12.0	14.8	19.4	20.1	19.0	15.2	11.8	7.50	5.87	4.83	3.70	3.26	3.05	3.60	4.62			
45	2.51	3.39	4.45	6.21	6.49	6.52	5.50	4.63	3.03	2.38	1.94	1.54	1.40	1.32	1.39	1.57			
50	1.05	1.23	1.49	2.00	2.20	2.37	2.17	1.92	1.37	1.12	1.05	0.84	0.73	0.68	0.69	0.80			
55	0.60	0.66	0.81	0.93	1.09	1.20	1.15	1.05	0.74	0.65	0.59	0.56	0.52	0.53	0.49	0.55			
60	0.50	0.50	0.55	0.55	0.61	0.62	0.64	0.61	0.57	0.55	0.48	0.46	0.42	0.44	0.40	0.45			
65	0.42	0.41	0.46	0.45	0.51	0.50	0.52	0.49	0.45	0.45	0.41	0.40	0.37	0.38	0.36	0.38			
70	0.37	0.35	0.38	0.37	0.42	0.40	0.42	0.40	0.38	0.40	0.38	0.37	0.37	0.37	0.36	0.36			
75	0.36	0.35	0.35	0.35	0.36	0.35	0.37	0.37	0.38	0.38	0.42	0.46	0.52	0.52	0.52	0.45			
80	0.58	0.52	0.44	0.40	0.35	0.36	0.36	0.41	0.55	0.63	0.72	0.80	0.86	0.85	0.83	0.75			
85	0.80	0.81	0.73	0.66	0.59	0.59	0.61	0.72	0.93	0.97	0.83	0.27	0.01	0.00	0.00	0.10			
90	0.00	0.00	0.12	0.63	0.83	0.89	0.93	0.85	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.02	0.01	0.00	0.03	0.02	0.05	0.03	0.04	0.00			
120	0.02	0.03	0.01	0.03	0.00	0.03	0.01	0.03	0.06	0.06	0.10	0.11	0.15	0.14	0.15	0.10			
125	0.05	0.06	0.03	0.05	0.02	0.05	0.02	0.06	0.17	0.19	0.25	0.28	0.34	0.34	0.34	0.28			
130	0.14	0.13	0.09	0.10	0.06	0.09	0.08	0.12	0.36	0.41	0.48	0.54	0.61	0.63	0.63	0.56			
135	0.33	0.29	0.24	0.21	0.17	0.19	0.19	0.25	0.64	0.71	0.78	0.87	0.96	0.99	0.99	0.91			
140	0.62	0.55	0.48	0.43	0.37	0.38	0.39	0.46	0.98	1.07	1.17	1.27	1.38	1.42	1.42	1.34			
145	0.97	0.89	0.80	0.74	0.67	0.67	0.67	0.76	1.40	1.49	1.60	1.70	1.81	1.86	1.85	1.77			
150	1.37	1.28	1.19	1.11	1.03	1.02	1.03	1.13	1.82	1.90	2.01	2.11	2.21	2.23	2.23	2.14			
155	1.73	1.66	1.58	1.52	1.44	1.43	1.44	1.53	2.19	2.25	2.34	2.41	2.49	2.48	2.47	2.39			
160	1.98	1.95	1.88	1.86	1.80	1.81	1.81	1.89	2.45	2.47	2.54	2.56	2.57	2.55	2.50	2.47			
165	2.12	2.12	2.08	2.10	2.06	2.09	2.08	2.15	2.54	2.53	2.55	2.57	2.54	2.51	2.42	2.42			
170	2.18	2.20	2.19	2.23	2.20	2.25	2.25	2.29	2.51	2.53	2.50	2.48	2.43	2.41	2.35	2.34			
175	2.25	2.29	2.28	2.31	2.27	2.33	2.33	2.37	2.45	2.48	2.46	2.42	2.39	2.38	2.37	2.31			
180	2.38	2.40	2.40	2.40	2.36	2.38	2.38	2.38	2.41	2.40	2.42	2.39	2.39	2.38	2.39	2.36			

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