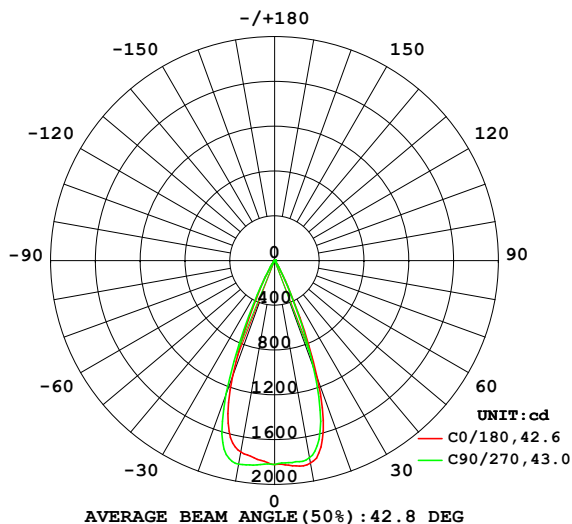


LUMINAIRE PHOTOMETRIC TEST REPORT

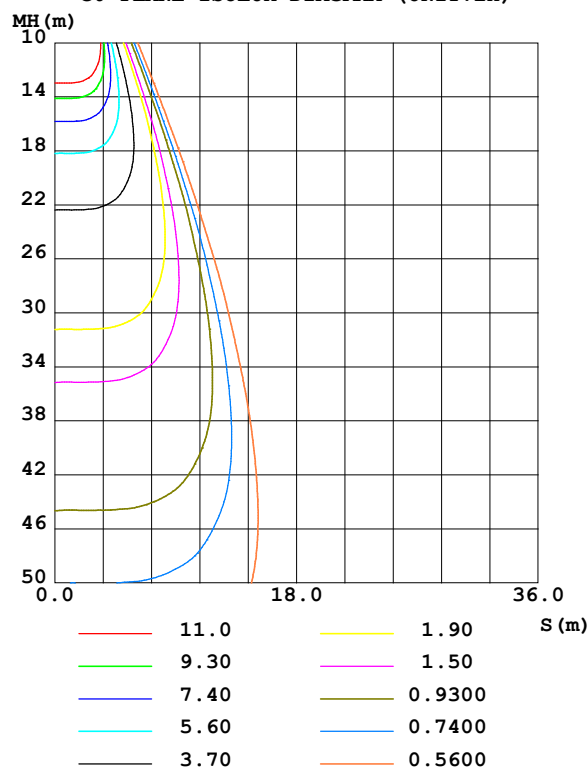
Test:U:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.68 lm/W			
MODEL	DL3061 2700K RA90 45D	I _{max} (cd)	1944	S/MH(C0/180)	0.63
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	903.60	η UP,DN(C0-180)	0.3,47.4
NOMINAL FLUX(lm)	903.599	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,51.8
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.30

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: VJC008
Test Date: 2023-06-12

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	1838	1762	1789	1803	1738	1778	1847	1941	0- 10	173.2	173.2	19.2,19.2
20	1115	1110	1014	984.7	1097	1134	1270	1349	10- 20	440.3	613.6	67.9,67.9
30	128.8	137.4	124.8	118.2	148.3	148.2	167.3	187.5	20- 30	233.5	847.1	93.7,93.7
40	21.77	21.18	20.11	19.48	21.63	22.09	25.67	27.99	30- 40	37.45	884.5	97.9,97.9
50	5.691	5.081	5.260	5.216	5.289	5.628	6.187	6.742	40- 50	8.979	893.5	98.9,98.9
60	0.9286	0.9585	0.9972	0.9672	1.012	1.111	1.074	1.044	50- 60	2.520	896.0	99.2,99.2
70	0.2686	0.3423	0.2885	0.2720	0.3030	0.3092	0.3235	0.3281	60- 70	0.5850	896.6	99.2,99.2
80	0.0224	0.0250	0.0207	0.0184	0	0	0	0	70- 80	0.1060	896.7	99.2,99.2
90	0	0	0	0	0	0	0	0	80- 90	0.0015	896.7	99.2,99.2
100	0.0044	0.0022	0.0068	0.0069	0.0045	0.0000	0	0	90-100	0.0033	896.7	99.2,99.2
110	0.0514	0.0520	0.0593	0.0574	0.0336	0.0294	0.0252	0.0253	100-110	0.0257	896.8	99.2,99.2
120	0.1027	0.1017	0.1095	0.1103	0.1612	0.1656	0.1556	0.1475	110-120	0.0735	896.8	99.3,99.3
130	0.3813	0.3817	0.4309	0.4474	0.9174	0.9066	0.8534	0.8221	120-130	0.2917	897.1	99.3,99.3
140	1.383	1.401	1.540	1.578	2.412	2.362	2.279	2.211	130-140	0.9280	898.1	99.4,99.4
150	2.907	2.942	3.091	3.141	4.155	4.113	3.988	3.887	140-150	1.676	899.7	99.6,99.6
160	4.228	4.280	4.361	4.399	5.344	5.379	5.311	5.210	150-160	1.945	901.7	99.8,99.8
170	4.863	4.878	4.912	4.915	5.292	5.327	5.317	5.299	160-170	1.421	903.1	99.9,99.9
180	5.272	5.358	5.294	5.377	5.305	5.379	5.319	5.391	170-180	0.4946	903.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 890.35 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(130deg): 896.41 lm

%lum = 99.2%

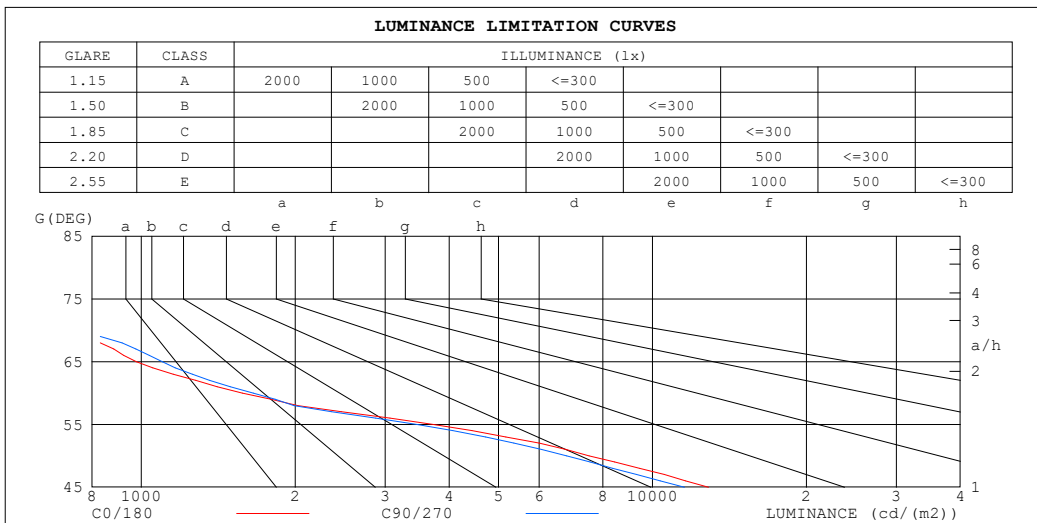
%lamp = 99.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:VJC008
 Test Date:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



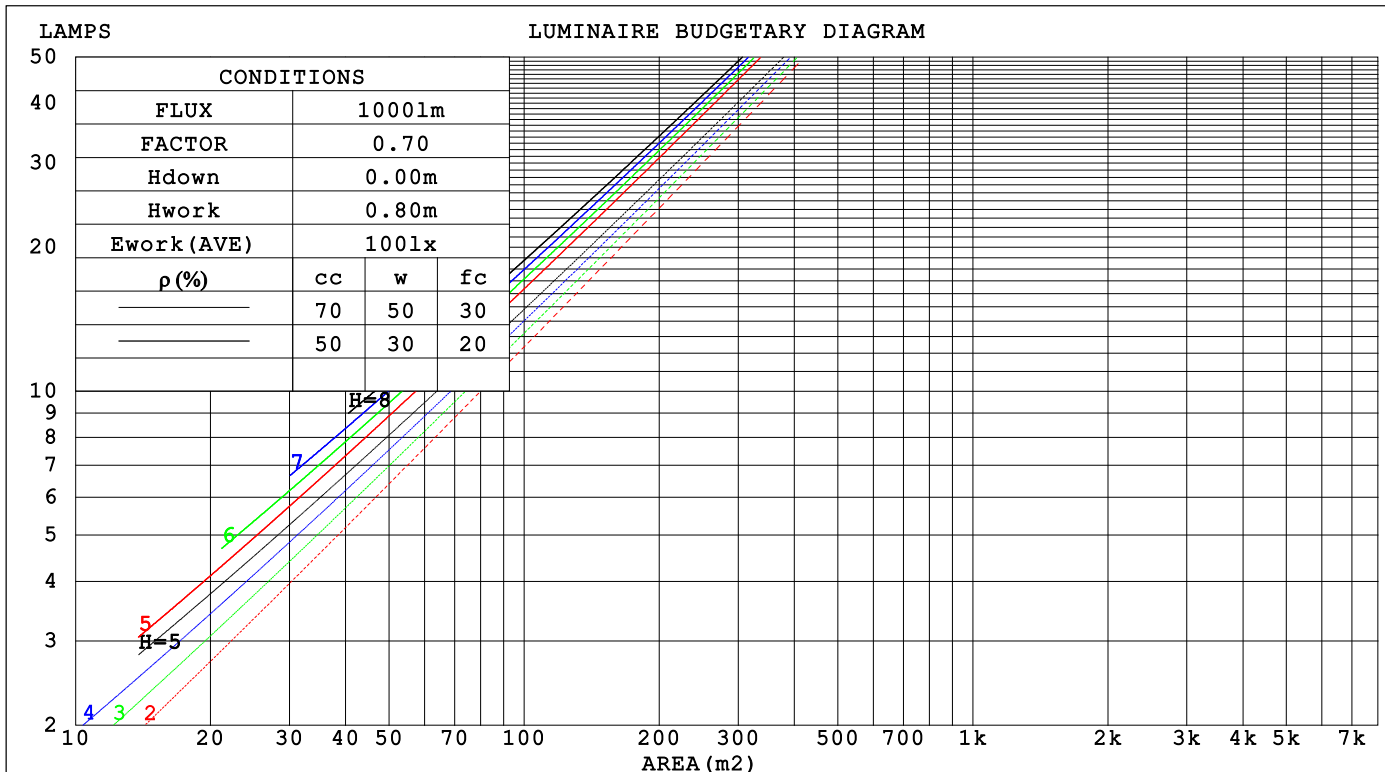
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	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	.98	.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	.91	.88	.95	.91	.88	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.79	.87	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.77	.76
7.0	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.80	.77	.74	.73
8.0	.81	.76	.73	.80	.76	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
9.0	.77	.73	.70	.77	.73	.69	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68
10.0	.75	.70	.67	.74	.70	.67	.73	.69	.67	.73	.69	.66	.72	.69	.66	.65



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 40			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	.150	.085	.027	.143	.082	.026	.130	.075	.024	.119	.068	.022	.108	.062	.020		
2.0	.141	.077	.024	.135	.074	.023	.124	.069	.021	.114	.064	.020	.105	.059	.019		
3.0	.132	.070	.021	.127	.068	.021	.118	.064	.019	.110	.060	.018	.102	.057	.018		
4.0	.125	.065	.019	.121	.063	.019	.113	.060	.018	.106	.057	.017	.099	.054	.016		
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.051	.015		
6.0	.113	.057	.016	.110	.055	.016	.104	.053	.015	.098	.051	.015	.093	.049	.015		
7.0	.108	.053	.015	.105	.052	.015	.100	.050	.015	.095	.049	.014	.091	.047	.014		
8.0	.103	.050	.014	.101	.050	.014	.096	.048	.014	.092	.047	.013	.088	.045	.013		
9.0	.099	.048	.013	.097	.047	.013	.093	.046	.013	.089	.045	.013	.085	.043	.013		
10.0	.095	.046	.013	.093	.045	.013	.090	.044	.012	.086	.043	.012	.083	.042	.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	.132	.102	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.158	.139	.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	.015	.012	.010		
5.0	.122	.092	.070	.105	.080	.061	.072	.056	.043	.042	.033	.025	.014	.011	.008		
6.0	.114	.082	.060	.098	.071	.052	.068	.050	.037	.039	.029	.022	.013	.010	.007		
7.0	.107	.074	.052	.092	.065	.045	.064	.045	.032	.037	.027	.019	.012	.009	.006		
8.0	.101	.068	.045	.087	.059	.039	.060	.041	.028	.035	.024	.017	.011	.008	.006		
9.0	.096	.062	.040	.082	.054	.035	.057	.038	.025	.033	.023	.015	.011	.007	.005		
10.0	.091	.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:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm											
NAME: DL3061 2700K RA90 45D						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.: VJC Lighting						SUR.: 40			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	12.2	12.9	12.4	13.1	13.2	11.8	12.5	12.0	12.7	12.9	
	3H	12.0	12.7	12.3	12.9	13.1	11.7	12.3	11.9	12.5	12.7
	4H	11.9	12.6	12.2	12.8	13.0	11.6	12.2	11.8	12.4	12.7
	6H	11.8	12.5	12.1	12.7	13.0	11.5	12.1	11.8	12.3	12.6
	8H	11.8	12.4	12.1	12.6	12.9	11.4	12.0	11.7	12.3	12.6
	12H	11.8	12.3	12.1	12.6	12.9	11.4	12.0	11.7	12.2	12.5
4H	2H	11.9	12.6	12.2	12.8	13.0	11.6	12.2	11.9	12.5	12.7
	3H	11.8	12.3	12.1	12.6	12.9	11.4	12.0	11.7	12.3	12.5
	4H	11.7	12.2	12.0	12.5	12.8	11.3	11.8	11.7	12.1	12.5
	6H	11.6	12.0	12.0	12.4	12.7	11.2	11.7	11.6	12.0	12.4
	8H	11.5	11.9	11.9	12.3	12.7	11.2	11.6	11.6	12.0	12.3
	12H	11.5	11.9	11.9	12.2	12.6	11.1	11.5	11.5	11.9	12.3
8H	4H	11.5	11.9	11.9	12.3	12.7	11.2	11.6	11.6	12.0	12.3
	6H	11.4	11.8	11.8	12.2	12.6	11.1	11.4	11.5	11.8	12.2
	8H	11.4	11.7	11.8	12.1	12.5	11.0	11.3	11.5	11.7	12.2
	12H	11.3	11.6	11.8	12.0	12.5	10.9	11.2	11.4	11.7	12.1
12H	4H	11.5	11.9	11.9	12.2	12.6	11.1	11.5	11.5	11.9	12.3
	6H	11.4	11.7	11.8	12.1	12.5	11.0	11.3	11.5	11.7	12.2
	8H	11.3	11.6	11.8	12.0	12.5	10.9	11.2	11.4	11.7	12.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 3.4 / -10.0					+ 3.3 / - 9.8					
1.5H	+ 5.2 / - 7.1					+ 5.0 / - 7.0					
2.0H	+ 5.5 / - 7.9					+ 5.4 / - 7.8					

CIE Pub.117, 903.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.4)
Area: 0.0012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

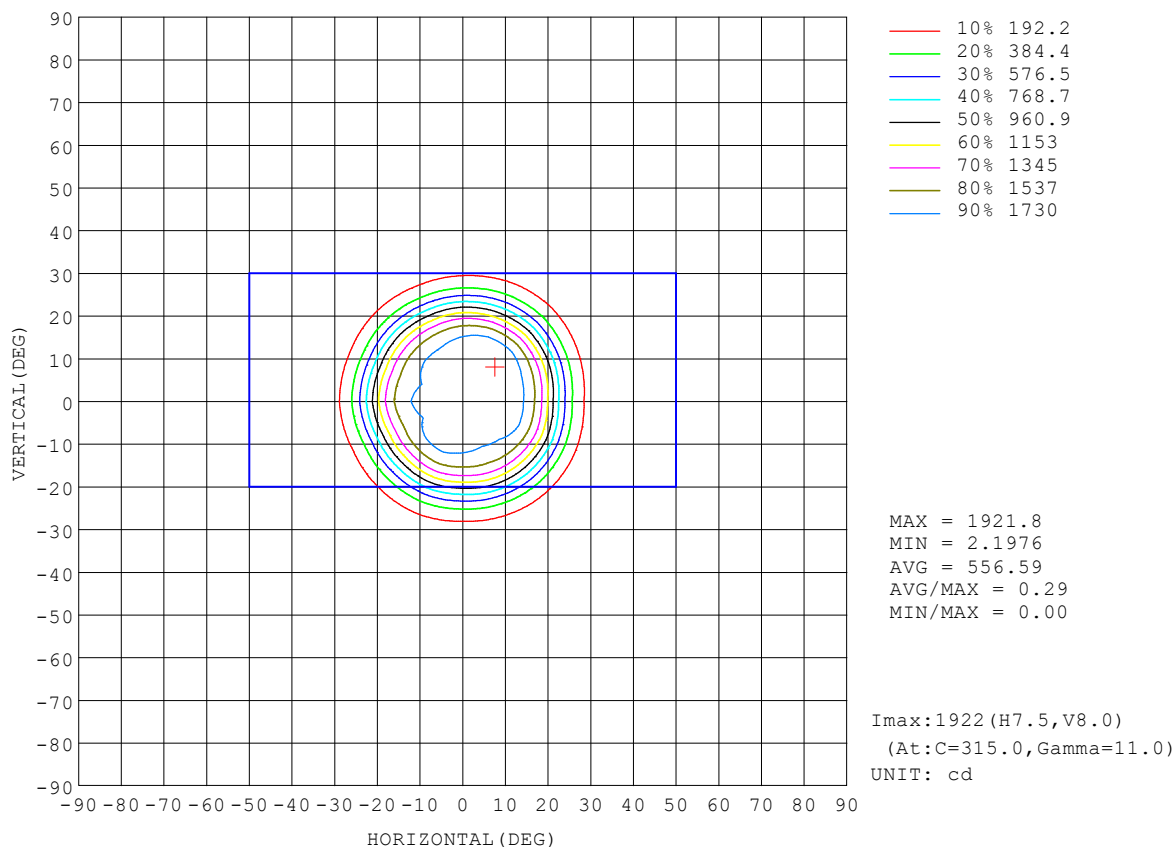
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	90	84	81	89	84	81	77
0.80	97	92	89	97	92	89	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	105	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	110	108	106	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: 2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

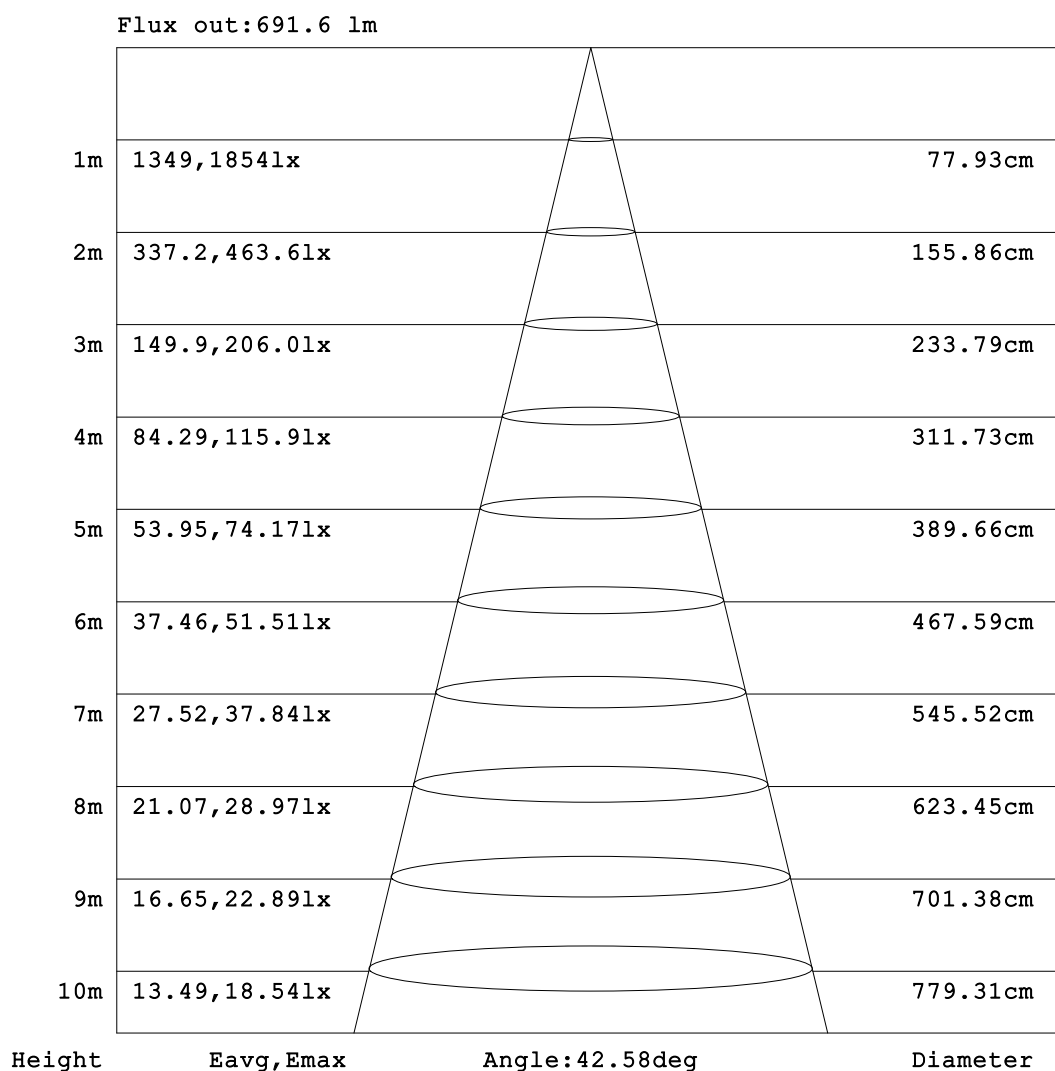


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



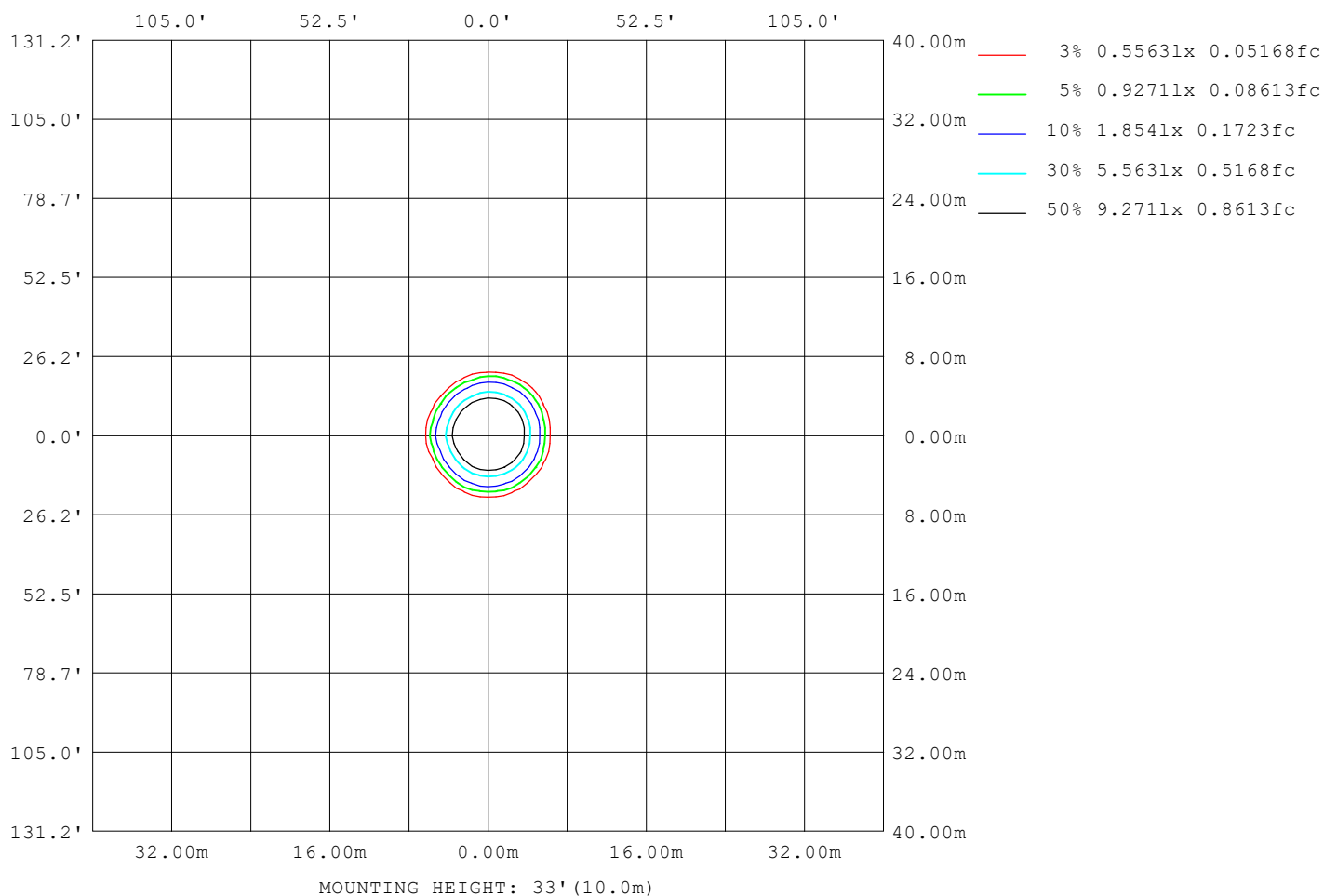
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: VJC008
Test Date: 2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

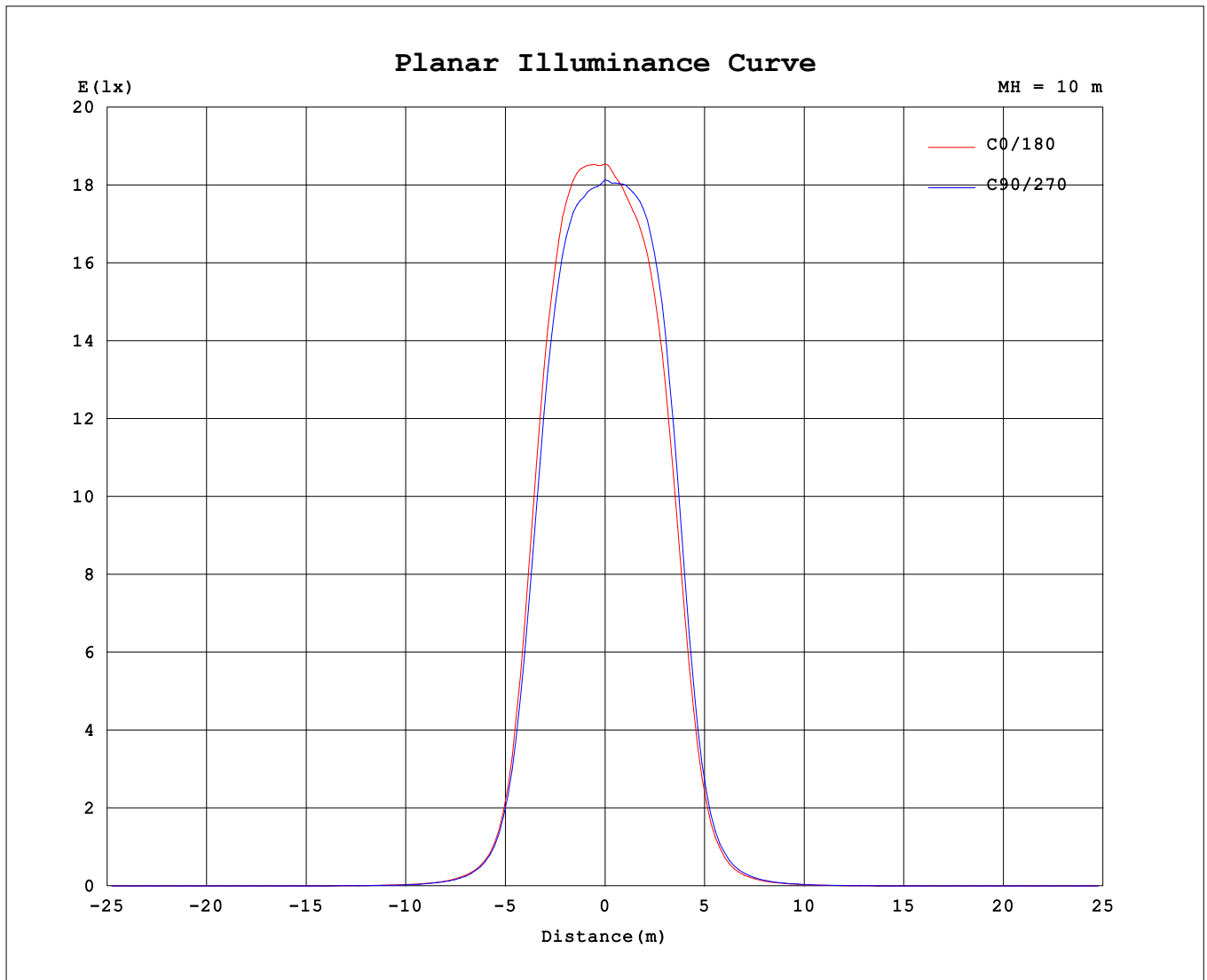
AvgL	cd/m2
L_0~180 (65) av	1013
L_0~180 (75) av	241
L_0~180 (85) av	11
L_90~270 (65) av	1135
L_90~270 (75) av	257
L_90~270 (85) av	22
L_45 (65) av	1110
L_45 (75) av	244
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-06-12

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: 2023-06-12

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:220.62V I:0.0529A P:11.199W PF:0.9594 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:903.599x1 lm		
NAME: DL3061 2700K RA90 45D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	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	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821	1821			
5	1839	1823	1798	1797	1810	1818	1806	1785	1782	1777	1795	1810	1831	1857	1866	1856			
10	1838	1840	1762	1754	1789	1820	1803	1750	1738	1715	1778	1795	1847	1923	1941	1867			
15	1654	1668	1615	1582	1576	1603	1577	1554	1578	1572	1627	1669	1745	1822	1833	1751			
20	1115	1153	1110	1069	1014	1025	985	1001	1097	1072	1134	1177	1270	1322	1349	1266			
25	439	477	466	436	405	414	388	394	471	450	478	496	549	599	606	544			
30	129	143	137	136	125	133	118	118	148	136	148	148	167	186	188	162			
35	50.0	51.5	49.8	48.4	46.4	46.8	43.9	43.0	50.1	49.1	51.0	53.1	60.0	67.2	66.4	58.1			
40	21.8	22.1	21.2	20.8	20.1	20.3	19.5	19.3	21.6	21.4	22.1	23.1	25.7	27.3	28.0	24.9			
45	10.7	10.7	9.88	10.0	9.84	10.00	9.70	9.58	10.1	10.4	10.6	10.9	11.9	12.1	13.0	12.1			
50	5.69	5.68	5.08	5.26	5.26	5.37	5.22	5.16	5.29	5.59	5.63	5.76	6.19	5.94	6.74	6.58			
55	2.52	2.64	2.37	2.42	2.39	2.45	2.37	2.37	2.64	2.72	2.71	2.75	2.91	2.80	3.09	3.02			
60	0.93	1.08	0.96	0.98	1.00	0.98	0.97	0.93	1.01	1.09	1.11	1.10	1.07	1.01	1.04	1.09			
65	0.49	0.59	0.56	0.55	0.56	0.53	0.55	0.51	0.54	0.60	0.57	0.57	0.59	0.56	0.58	0.59			
70	0.27	0.32	0.34	0.32	0.29	0.26	0.27	0.26	0.30	0.33	0.31	0.32	0.32	0.35	0.33	0.34			
75	0.09	0.07	0.10	0.07	0.10	0.07	0.08	0.06	0.06	0.08	0.05	0.08	0.06	0.09	0.07	0.09			
80	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.02			
85	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			
90	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			
95	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.02	0.00	0.03	0.01	0.03	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.03	0.05	0.03	0.05	0.04	0.06	0.04	0.06	0.02	0.00	0.01	0.00	0.01	0.00	0.01	0.00			
110	0.05	0.07	0.05	0.08	0.06	0.08	0.06	0.08	0.03	0.00	0.03	0.00	0.03	0.00	0.03	0.00			
115	0.07	0.09	0.07	0.10	0.08	0.10	0.08	0.10	0.06	0.04	0.06	0.04	0.06	0.04	0.06	0.03			
120	0.10	0.13	0.10	0.13	0.11	0.14	0.11	0.13	0.16	0.15	0.17	0.14	0.16	0.13	0.15	0.12			
125	0.18	0.20	0.18	0.20	0.19	0.22	0.20	0.21	0.43	0.42	0.43	0.40	0.40	0.38	0.38	0.37			
130	0.38	0.39	0.38	0.42	0.43	0.46	0.45	0.44	0.92	0.92	0.91	0.87	0.85	0.83	0.82	0.81			
135	0.79	0.79	0.79	0.85	0.88	0.92	0.91	0.89	1.61	1.59	1.57	1.54	1.50	1.48	1.46	1.45			
140	1.38	1.38	1.40	1.48	1.54	1.57	1.58	1.54	2.41	2.40	2.36	2.32	2.28	2.24	2.21	2.21			
145	2.11	2.11	2.14	2.23	2.30	2.33	2.35	2.32	3.27	3.26	3.23	3.18	3.12	3.08	3.04	3.05			
150	2.91	2.91	2.94	3.03	3.09	3.13	3.14	3.13	4.15	4.15	4.11	4.06	3.99	3.93	3.89	3.90			
155	3.64	3.67	3.69	3.77	3.81	3.85	3.86	3.87	4.90	4.88	4.88	4.83	4.77	4.71	4.67	4.66			
160	4.23	4.27	4.28	4.36	4.36	4.39	4.40	4.42	5.34	5.33	5.38	5.33	5.31	5.24	5.21	5.18			
165	4.63	4.65	4.66	4.75	4.71	4.74	4.74	4.77	5.42	5.43	5.46	5.44	5.44	5.41	5.37	5.36			
170	4.86	4.89	4.88	4.96	4.91	4.91	4.91	5.00	5.29	5.34	5.33	5.31	5.32	5.33	5.30	5.30			
175	5.06	5.15	5.14	5.17	5.08	5.13	5.18	5.21	5.27	5.31	5.37	5.27	5.30	5.31	5.35	5.26			
180	5.27	5.32	5.36	5.33	5.29	5.32	5.38	5.36	5.31	5.32	5.38	5.30	5.32	5.32	5.39	5.33			

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