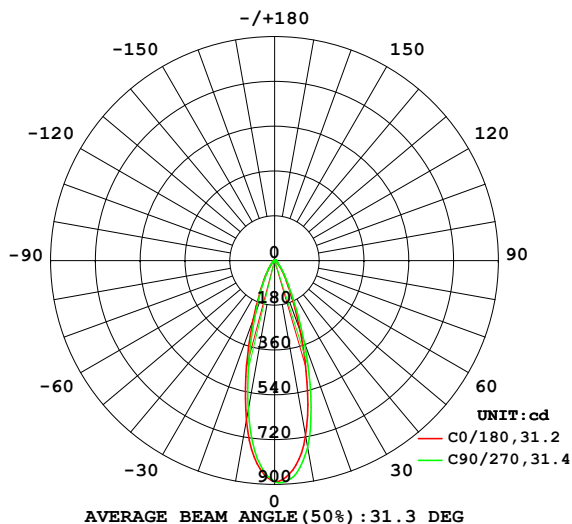


LUMINAIRE PHOTOMETRIC TEST REPORT

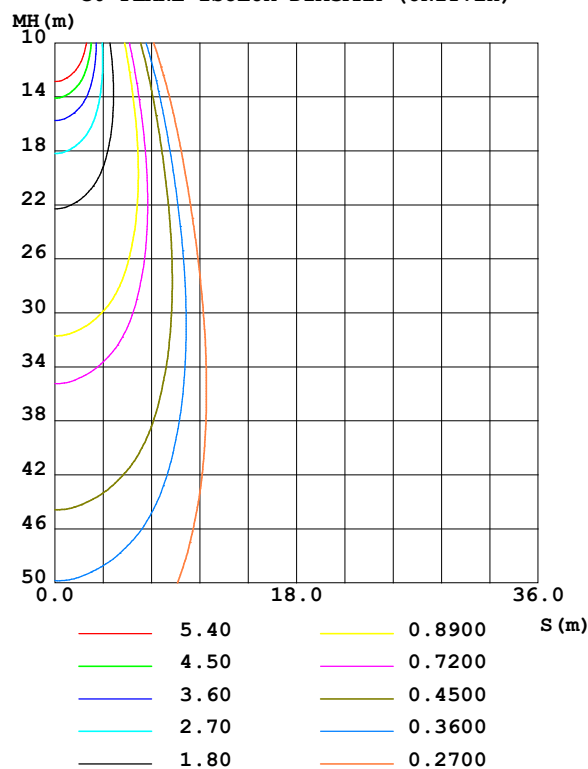
Test:U:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.12 lm/W			
MODEL	DL3190 3000K RA90	I _{max} (cd)	893.4	S/MH(C0/180)	0.49
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	352.01	η UP,DN(C0-180)	0.3,55.0
NOMINAL FLUX(lm)	352.007	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,44.3
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.3	CIBSE SHR MAX	0.55

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: Lihong yun
Test Date: 2023-03-31

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	717.9	766.0	762.7	715.6	651.6	614.5	611.3	655.0	0- 10	74.96	74.96	21.3,21.3
20	301.1	348.2	347.0	298.6	252.3	222.6	224.1	255.3	10- 20	129.4	204.4	58.1,58.1
30	97.26	109.0	108.4	94.37	81.39	73.67	75.84	85.51	20- 30	74.46	278.8	79.2,79.2
40	36.46	41.05	41.07	34.01	28.78	27.75	29.22	32.87	30- 40	35.26	314.1	89.2,89.2
50	14.23	16.30	17.39	14.54	12.44	11.30	11.77	13.13	40- 50	17.06	331.1	94.1,94.1
60	6.715	7.422	8.008	7.432	6.577	6.109	5.939	6.191	50- 60	8.611	339.7	96.5,96.5
70	4.325	4.720	4.957	4.727	4.212	3.847	3.693	3.823	60- 70	5.423	345.2	98.1,98.1
80	2.018	2.383	2.568	2.404	2.081	1.792	1.520	1.643	70- 80	3.324	348.5	99,99
90	0.0406	0.0788	0.3595	0.1959	0	0	0	0	80- 90	1.055	349.5	99.3,99.3
100	0	0	0	0	0.0091	0.0114	0.0160	0.0137	90-100	0.0103	349.6	99.3,99.3
110	0.0157	0.0068	0.0091	0.0114	0.0475	0.0523	0.0547	0.0480	100-110	0.0151	349.6	99.3,99.3
120	0.0655	0.0567	0.0614	0.0684	0.1312	0.1455	0.1527	0.1303	110-120	0.0614	349.6	99.3,99.3
130	0.1693	0.1543	0.1569	0.1733	0.3598	0.4117	0.4195	0.3702	120-130	0.1584	349.8	99.4,99.4
140	0.4447	0.3970	0.4002	0.4514	0.8391	0.9274	0.9365	0.8589	130-140	0.3450	350.1	99.5,99.5
150	0.9440	0.8761	0.8828	0.9558	1.440	1.513	1.526	1.457	140-150	0.5738	350.7	99.6,99.6
160	1.446	1.417	1.432	1.485	1.799	1.822	1.830	1.780	150-160	0.6592	351.4	99.8,99.8
170	1.632	1.635	1.666	1.662	1.774	1.744	1.721	1.712	160-170	0.4778	351.8	100,100
180	1.686	1.697	1.669	1.680	1.688	1.701	1.669	1.684	170-180	0.1601	352.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 324.13 lm

%lum = 92.1%

%lamp = 92.1%

Conical surface Flux(130deg): 342.71 lm

%lum = 97.4%

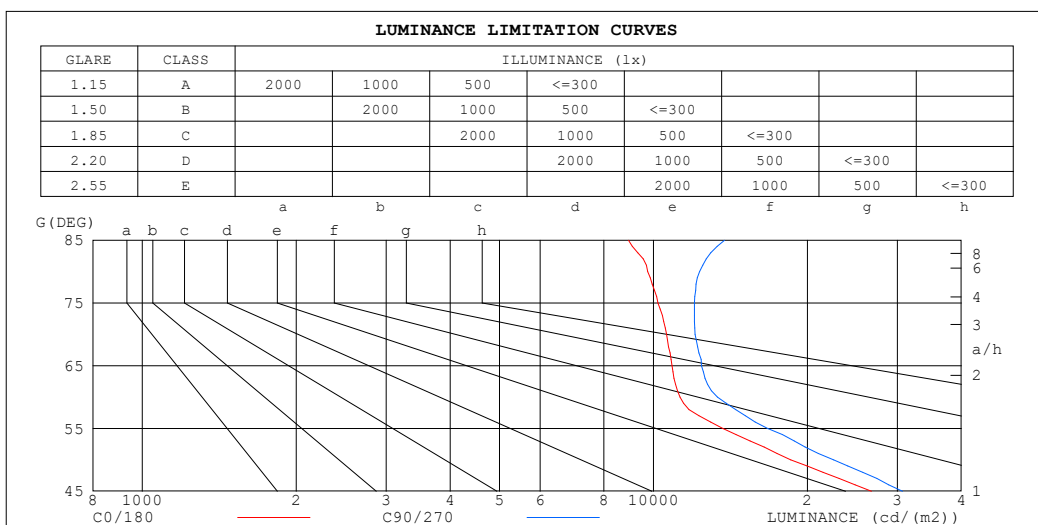
%lamp = 97.4%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Lihong yun
 Test Date:2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



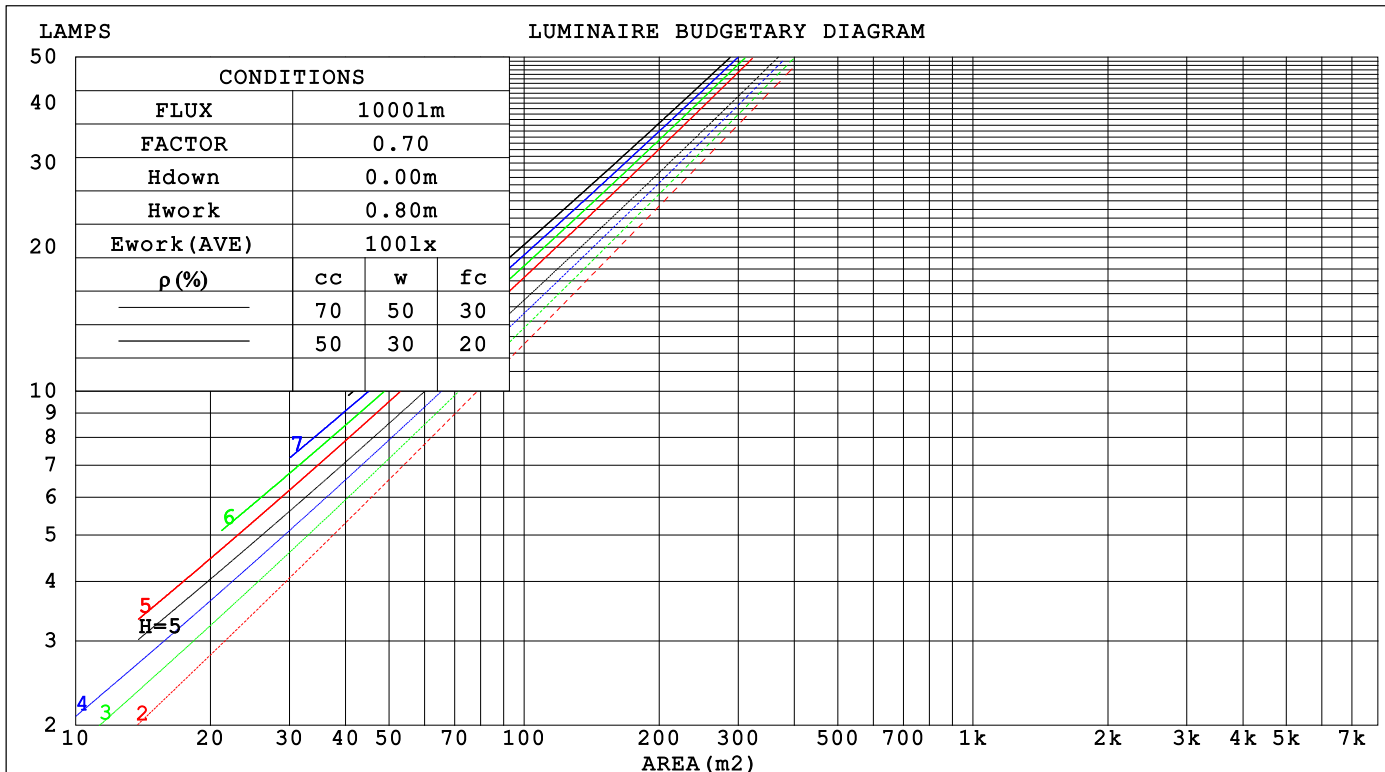
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	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	1.11	1.08	1.06	1.09	1.06	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	.90	.97	1.02	.98	.96	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.82	.78	.86	.81	.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	.73	.69	.76	.72	.69	.75	.71	.69	.67
8.0	.76	.70	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.72	.68	.66	.64
9.0	.72	.67	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.69	.66	.63	.62
10.0	.70	.64	.61	.69	.64	.61	.68	.64	.61	.68	.63	.61	.67	.63	.60	.59



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Lihong yun
 Test Date:2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90			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	.173	.098	.031	.166	.095	.030	.153	.088	.028	.141	.081	.026	.130	.075	.024		
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.136	.076	.024	.126	.072	.023		
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.122	.067	.021		
4.0	.143	.074	.022	.139	.073	.021	.131	.069	.021	.124	.066	.020	.117	.063	.019		
5.0	.135	.069	.020	.131	.067	.020	.124	.065	.019	.118	.062	.019	.112	.060	.018		
6.0	.128	.064	.018	.125	.063	.018	.118	.061	.018	.113	.059	.017	.108	.057	.017		
7.0	.121	.060	.017	.118	.059	.017	.113	.057	.016	.108	.055	.016	.103	.054	.016		
8.0	.115	.056	.016	.113	.056	.016	.108	.054	.015	.104	.052	.015	.099	.051	.015		
9.0	.110	.053	.015	.108	.052	.015	.103	.051	.014	.099	.050	.014	.096	.049	.014		
10.0	.105	.050	.014	.103	.050	.014	.099	.049	.014	.096	.047	.013	.092	.046	.013		

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	.167	.167	.167	.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	.119	.137	.119	.103	.094	.082	.072	.054	.048	.042	.017	.015	.014		
3.0	.147	.119	.096	.126	.103	.084	.087	.071	.059	.050	.042	.035	.016	.014	.011		
4.0	.136	.104	.080	.117	.090	.069	.080	.063	.049	.046	.037	.029	.015	.012	.009		
5.0	.127	.092	.067	.109	.080	.058	.075	.056	.041	.043	.033	.024	.014	.011	.008		
6.0	.119	.083	.057	.102	.072	.050	.070	.050	.035	.041	.030	.021	.013	.010	.007		
7.0	.112	.075	.049	.096	.065	.043	.066	.046	.030	.039	.027	.018	.012	.009	.006		
8.0	.105	.069	.043	.091	.059	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005		
9.0	.100	.063	.038	.086	.055	.033	.060	.039	.024	.035	.023	.014	.011	.007	.005		
10.0	.095	.059	.034	.082	.051	.030	.057	.036	.021	.033	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm											
NAME: DL3190 3000K RA90					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	22.1	23.0	22.3	23.1	23.3	22.7	23.6	23.0	23.8	23.9	
	3H	22.6	23.4	22.9	23.6	23.8	23.2	24.0	23.5	24.2	24.5
	4H	22.9	23.6	23.1	23.8	24.1	23.5	24.3	23.8	24.5	24.8
	6H	23.1	23.8	23.4	24.0	24.3	23.8	24.5	24.1	24.8	25.1
	8H	23.2	23.9	23.5	24.1	24.4	24.0	24.6	24.3	24.9	25.2
	12H	23.2	23.9	23.6	24.2	24.4	24.1	24.7	24.4	25.0	25.3
4H	2H	22.2	23.0	22.5	23.2	23.4	22.8	23.6	23.1	23.8	24.0
	3H	22.9	23.6	23.2	23.9	24.1	23.5	24.2	23.8	24.4	24.7
	4H	23.3	23.9	23.7	24.2	24.5	23.9	24.5	24.3	24.9	25.2
	6H	23.7	24.2	24.1	24.6	24.9	24.4	24.9	24.8	25.3	25.6
	8H	23.8	24.3	24.2	24.7	25.1	24.6	25.1	25.0	25.4	25.8
	12H	23.9	24.4	24.3	24.8	25.2	24.8	25.2	25.2	25.6	26.0
8H	4H	23.5	24.0	23.9	24.3	24.7	24.1	24.5	24.5	24.9	25.3
	6H	24.0	24.4	24.4	24.8	25.2	24.6	25.0	25.1	25.4	25.9
	8H	24.2	24.6	24.7	25.0	25.5	24.9	25.3	25.4	25.7	26.2
	12H	24.4	24.7	24.9	25.1	25.6	25.2	25.5	25.7	26.0	26.5
12H	4H	23.5	23.9	23.9	24.3	24.7	24.0	24.5	24.5	24.9	25.3
	6H	24.0	24.4	24.5	24.8	25.3	24.7	25.0	25.1	25.5	25.9
	8H	24.3	24.6	24.8	25.1	25.6	25.0	25.3	25.5	25.8	26.2
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 1.0					
1.5H	+ 1.3 / - 1.0					+ 1.4 / - 0.9					
2.0H	+ 1.5 / - 0.9					+ 1.6 / - 0.8					

CIE Pub.117, 352.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.6)
Area: 0.0012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

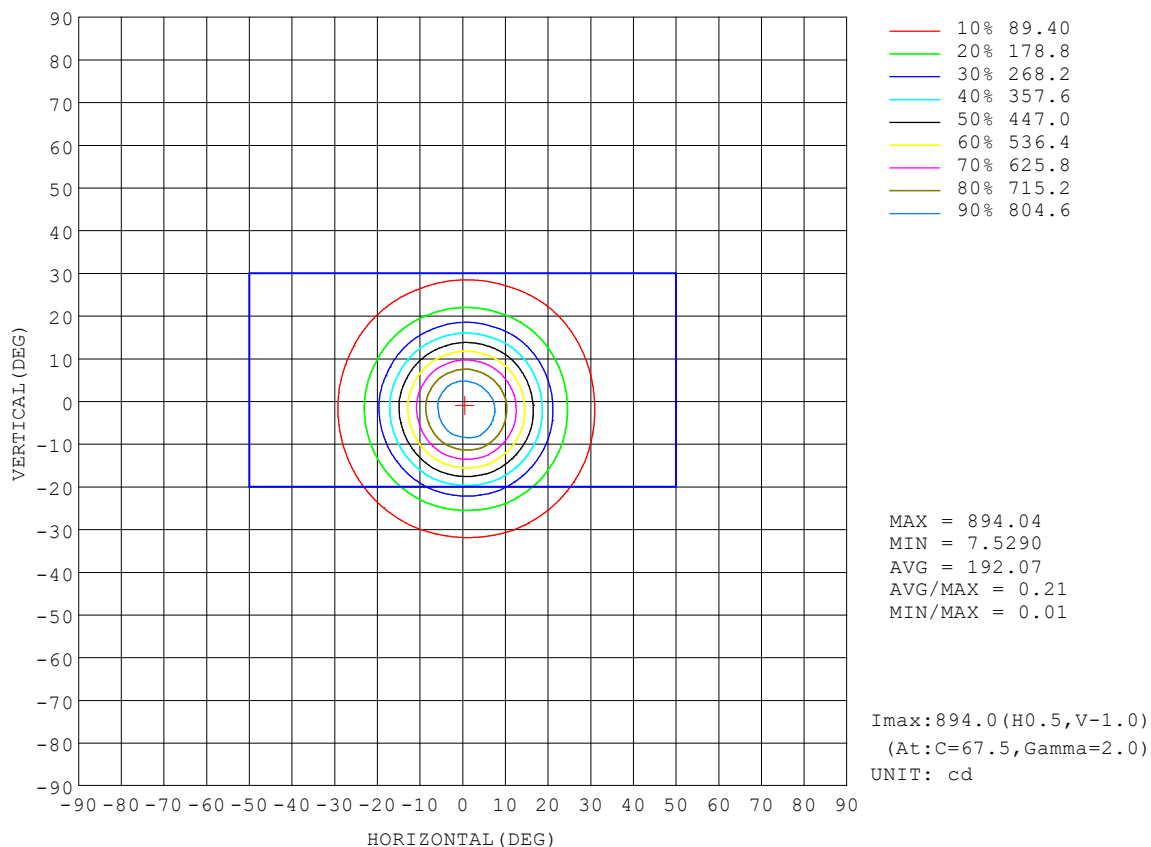
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	78	74	70
0.80	92	86	82	92	86	82	90	85	82	78
1.00	97	91	87	96	91	87	95	91	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	95	103	98	95	101	97	94	89
2.00	107	103	99	106	102	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	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:25.3℃
Operators:Lihong yun
Test Date:2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

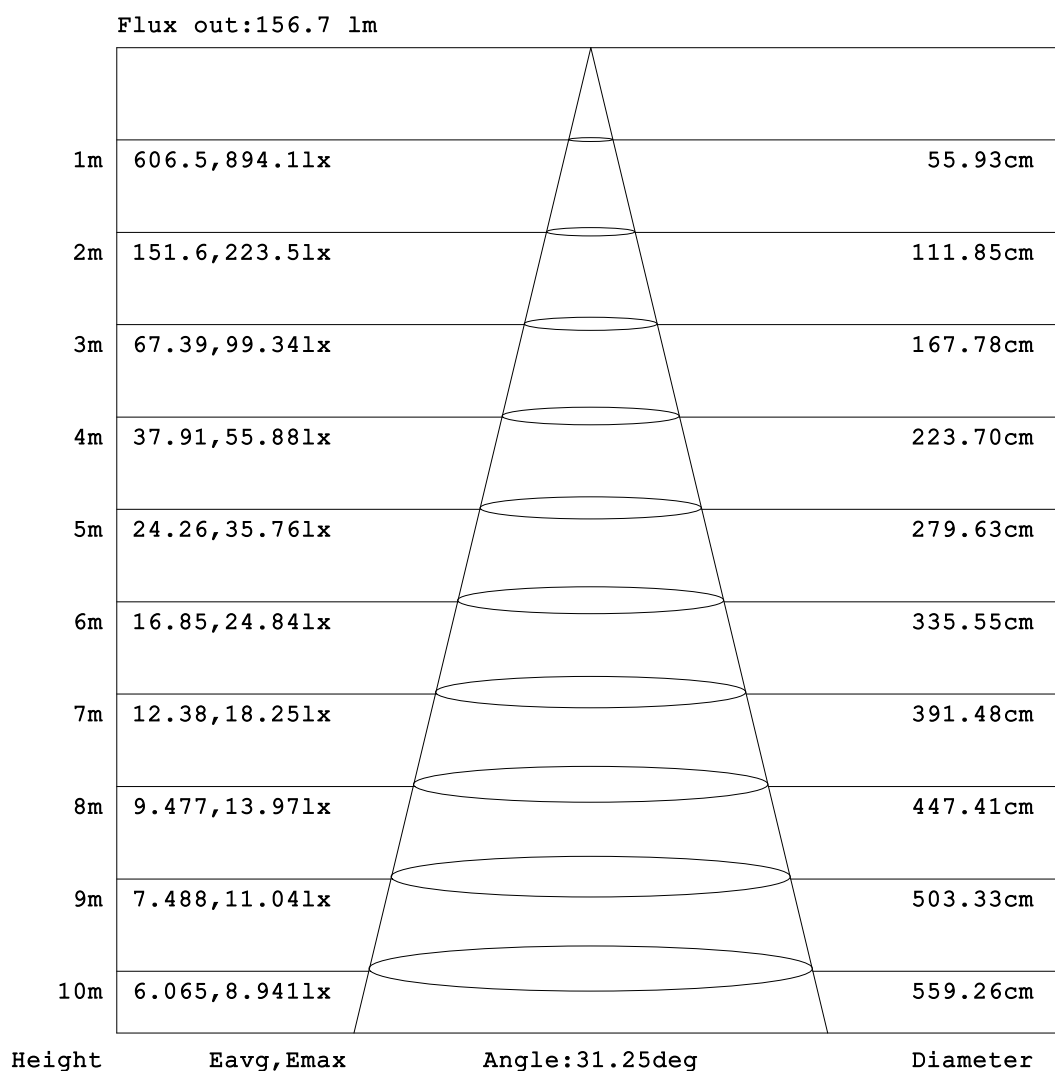


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:



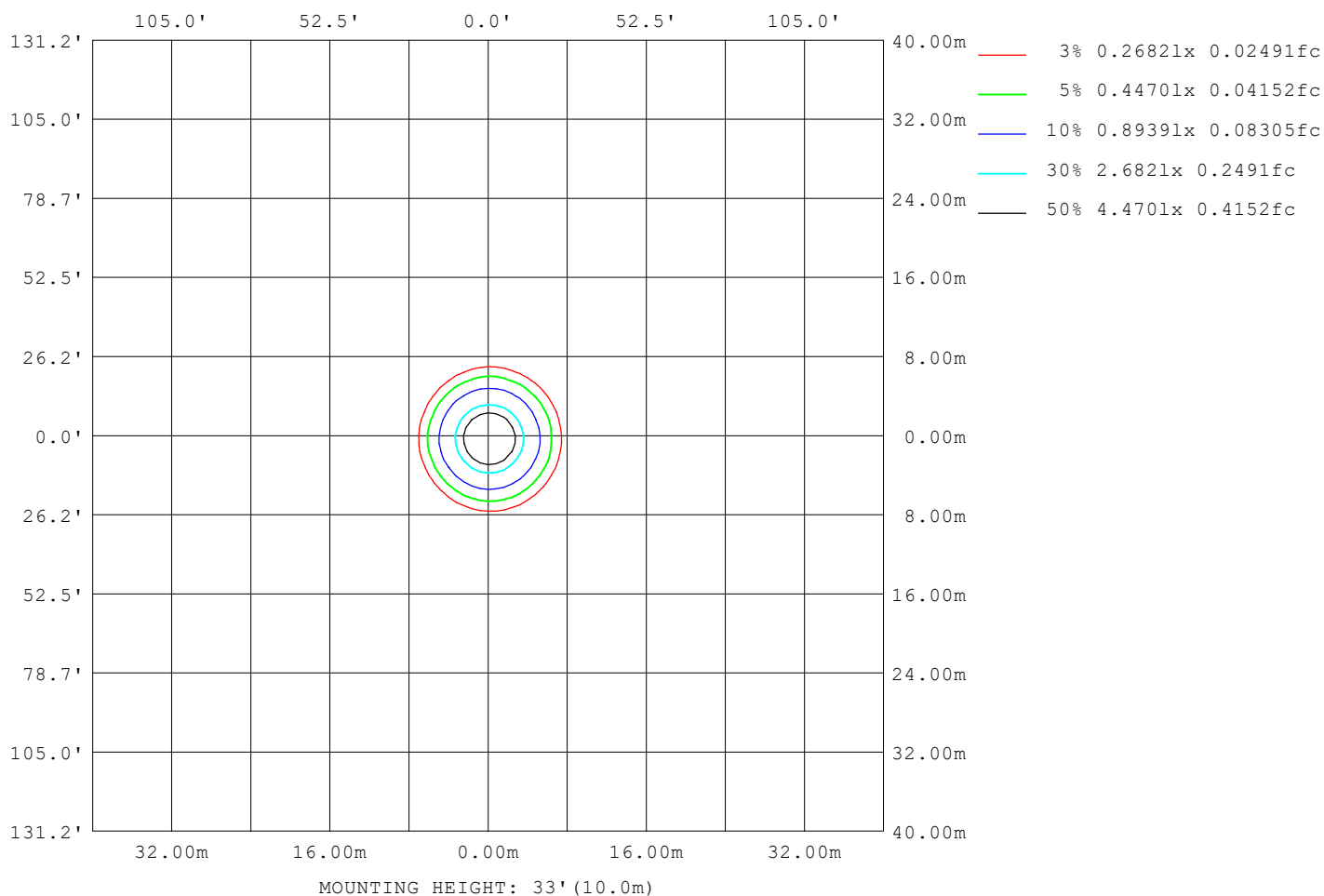
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: Lihong yun
Test Date: 2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	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: Lihong yun
Test Date: 2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 40	Shielding Angle:

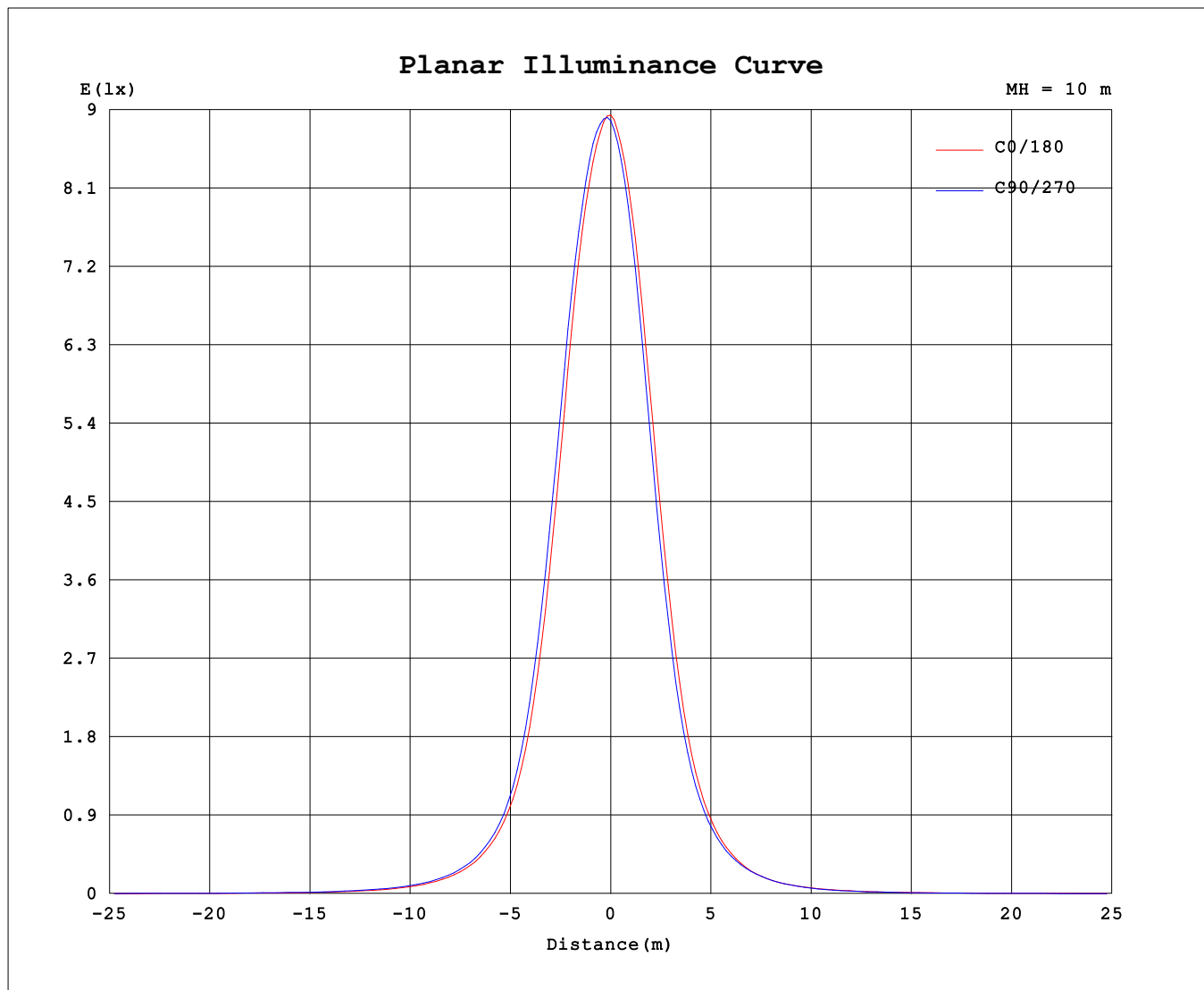
AvgL	cd/m2
L_0~180 (65) av	10701
L_0~180 (75) av	10053
L_0~180 (85) av	9018
L_90~270 (65) av	10926
L_90~270 (75) av	10267
L_90~270 (85) av	8800
L_45 (65) av	10744
L_45 (75) av	10105
L_45 (85) av	8505

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-31

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: Lihong yun
Test Date: 2023-03-31

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:220.55V I:0.0209A P:4.3934W PF:0.9545 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:352.007x1 lm		
NAME: DL3190 3000K RA90	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	888	888	888	888	888	888	888	888	888	888	888	888	888	888	888	888			
5	845	862	875	880	872	859	847	832	818	806	802	796	799	803	817	830			
10	718	746	766	776	763	749	716	683	652	628	614	604	611	627	655	687			
15	506	545	566	576	563	541	502	467	438	409	394	386	395	410	442	473			
20	301	330	348	357	347	331	299	274	252	231	223	218	224	233	255	277			
25	167	183	191	198	191	181	165	152	141	129	127	123	128	132	144	154			
30	97.3	105	109	112	108	103	94.4	87.6	81.4	75.3	73.7	73.5	75.8	78.8	85.5	91.0			
35	58.9	63.3	65.4	67.7	65.5	61.7	55.8	51.1	47.4	45.0	44.7	44.9	46.9	48.8	52.1	55.5			
40	36.5	39.5	41.1	42.8	41.1	38.2	34.0	30.9	28.8	27.5	27.7	27.9	29.2	30.8	32.9	34.6			
45	22.5	24.5	27.4	27.8	26.1	24.0	21.6	19.4	18.7	17.4	17.3	17.9	18.1	19.0	20.7	21.5			
50	14.2	15.3	16.3	17.7	17.4	16.1	14.5	13.2	12.4	11.7	11.3	11.5	11.8	12.3	13.1	13.6			
55	9.36	10.1	10.6	11.6	11.5	11.1	10.2	9.49	8.82	8.11	7.67	7.56	7.70	7.85	8.36	8.80			
60	6.71	7.09	7.42	7.90	8.01	7.94	7.43	7.01	6.58	6.26	6.11	5.94	5.94	6.01	6.19	6.38			
65	5.48	5.64	5.98	6.21	6.30	6.25	5.93	5.69	5.38	5.02	4.97	4.76	4.78	4.81	4.92	5.14			
70	4.33	4.45	4.72	4.86	4.96	4.95	4.73	4.51	4.21	3.92	3.85	3.65	3.69	3.73	3.82	4.02			
75	3.15	3.31	3.52	3.66	3.74	3.74	3.50	3.35	3.09	2.85	2.78	2.62	2.64	2.68	2.75	2.90			
80	2.02	2.19	2.38	2.51	2.57	2.60	2.40	2.32	2.08	1.80	1.79	1.52	1.52	1.60	1.64	1.81			
85	0.93	1.07	1.30	1.36	1.44	1.57	1.22	1.23	0.96	0.62	0.50	0.39	0.40	0.44	0.54	0.71			
90	0.04	0.22	0.08	0.36	0.36	0.34	0.20	0.00	0.00	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	0.01	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.02	0.00	0.01	0.00			
105	0.00	0.02	0.00	0.01	0.00	0.01	0.00	0.02	0.02	0.00	0.03	0.01	0.03	0.01	0.02	0.00			
110	0.02	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.05	0.03	0.05	0.04	0.05	0.04	0.05	0.02			
115	0.04	0.05	0.03	0.05	0.03	0.05	0.04	0.06	0.08	0.07	0.09	0.08	0.10	0.07	0.08	0.05			
120	0.07	0.08	0.06	0.07	0.06	0.08	0.07	0.09	0.13	0.13	0.15	0.15	0.15	0.13	0.13	0.11			
125	0.11	0.11	0.10	0.11	0.10	0.12	0.11	0.13	0.22	0.23	0.25	0.26	0.25	0.24	0.22	0.20			
130	0.17	0.17	0.15	0.16	0.16	0.17	0.17	0.19	0.36	0.39	0.41	0.43	0.42	0.41	0.37	0.34			
135	0.28	0.25	0.25	0.25	0.25	0.26	0.29	0.30	0.58	0.62	0.65	0.66	0.66	0.64	0.59	0.55			
140	0.44	0.41	0.40	0.39	0.40	0.42	0.45	0.48	0.84	0.89	0.93	0.95	0.94	0.91	0.86	0.81			
145	0.67	0.64	0.61	0.60	0.62	0.64	0.68	0.73	1.15	1.20	1.24	1.26	1.24	1.22	1.17	1.11			
150	0.94	0.90	0.88	0.87	0.88	0.90	0.96	1.01	1.44	1.49	1.51	1.53	1.53	1.50	1.46	1.41			
155	1.22	1.18	1.16	1.16	1.17	1.19	1.24	1.30	1.67	1.70	1.72	1.73	1.73	1.71	1.67	1.64			
160	1.45	1.43	1.42	1.42	1.43	1.45	1.49	1.51	1.80	1.81	1.82	1.83	1.83	1.81	1.78	1.76			
165	1.59	1.58	1.58	1.59	1.61	1.61	1.63	1.64	1.82	1.82	1.82	1.81	1.81	1.80	1.78	1.79			
170	1.63	1.64	1.64	1.66	1.67	1.66	1.66	1.67	1.77	1.77	1.74	1.73	1.72	1.72	1.71	1.72			
175	1.63	1.65	1.66	1.66	1.65	1.65	1.67	1.66	1.71	1.72	1.71	1.68	1.66	1.67	1.68	1.66			
180	1.69	1.69	1.70	1.67	1.67	1.67	1.68	1.66	1.69	1.68	1.70	1.67	1.67	1.66	1.68	1.66			

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