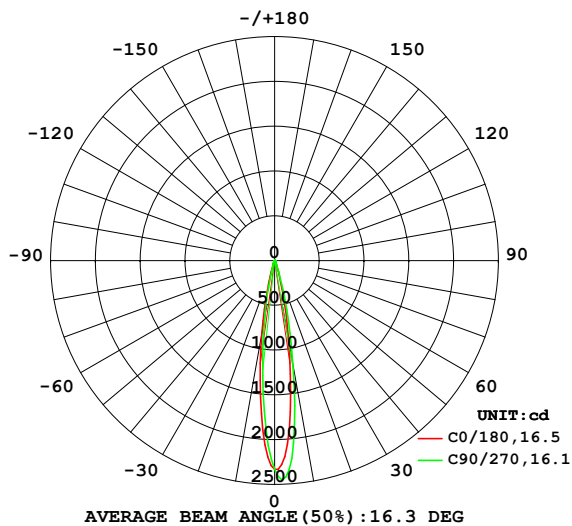


## LUMINAIRE PHOTOMETRIC TEST REPORT

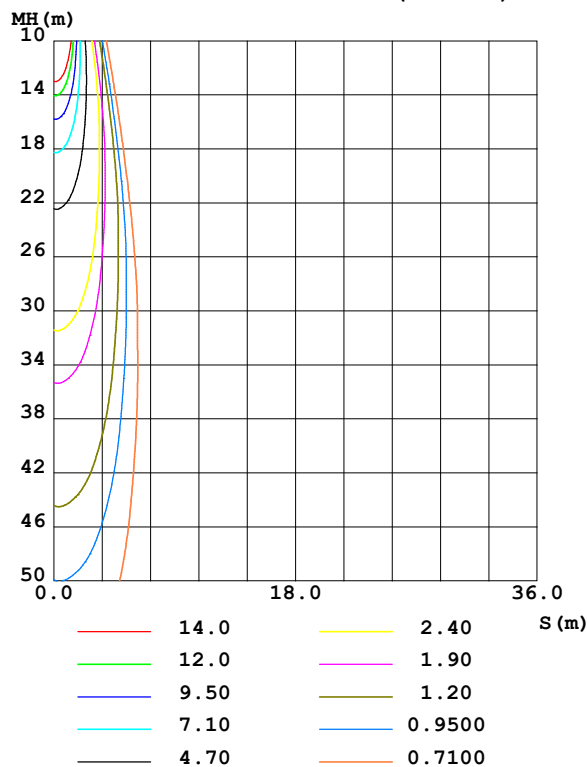
Test:U:220.62V I:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.99 lm/W			
MODEL	DL3358 3000K RA90 15D	I <sub>max</sub> (cd)	2451	S/MH(C0/180)	0.27
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	265.90	η UP,DN(C0-180)	0.3,59.4
NOMINAL FLUX(lm)	265.898	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,39.9
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down (%)	99.3	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:2023-06-30

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	917.7	1090	1186	1061	824.4	667.7	657.0	745.5	0- 10	142.8	142.8	53.7,53.7
20	110.6	138.5	137.9	102.5	70.57	54.55	57.92	72.67	10- 20	92.68	235.5	88.6,88.6
30	23.38	25.36	27.50	20.68	19.19	15.93	14.32	16.45	20- 30	20.32	255.8	96.2,96.2
40	3.289	3.732	3.429	2.769	2.686	2.388	2.359	2.332	30- 40	5.395	261.2	98.2,98.2
50	1.317	1.591	1.347	0.9396	0.8675	0.9905	1.065	1.274	40- 50	1.464	262.7	98.8,98.8
60	0.6876	1.068	0.9275	0.5432	0.4226	0.5038	0.5616	0.8092	50- 60	0.9442	263.6	99.2,99.2
70	0.0046	0.0002	0.0026	0.0005	0	0	0	0	60- 70	0.3478	264.0	99.3,99.3
80	0.0022	0	0	0	0	0	0	0	70- 80	0.0022	264.0	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	0.0012	264.0	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0	264.0	99.3,99.3
110	0	0	0	0	0	0	0	0	100-110	0	264.0	99.3,99.3
120	0.0022	0	0	0.0023	0.0023	0.0068	0.0046	0	110-120	0.0021	264.0	99.3,99.3
130	0.0179	0.0180	0.0228	0.0184	0.0920	0.1174	0.1234	0.0970	120-130	0.0226	264.0	99.3,99.3
140	0.1250	0.0876	0.0908	0.1239	0.6009	0.7083	0.7460	0.6752	130-140	0.1430	264.2	99.3,99.3
150	0.8093	0.7063	0.6984	0.7882	1.487	1.571	1.595	1.544	140-150	0.4662	264.6	99.5,99.5
160	1.598	1.545	1.562	1.605	1.820	1.809	1.820	1.794	150-160	0.6746	265.3	99.8,99.8
170	1.464	1.530	1.577	1.549	1.492	1.409	1.361	1.368	160-170	0.4745	265.8	100,100
180	1.000	1.023	0.9773	1.005	1.009	1.011	0.9773	0.9869	170-180	0.1193	265.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 262.08 lm

%lum = 98.6%

%lamp = 98.6%

Conical surface Flux(130deg): 263.95 lm

%lum = 99.3%

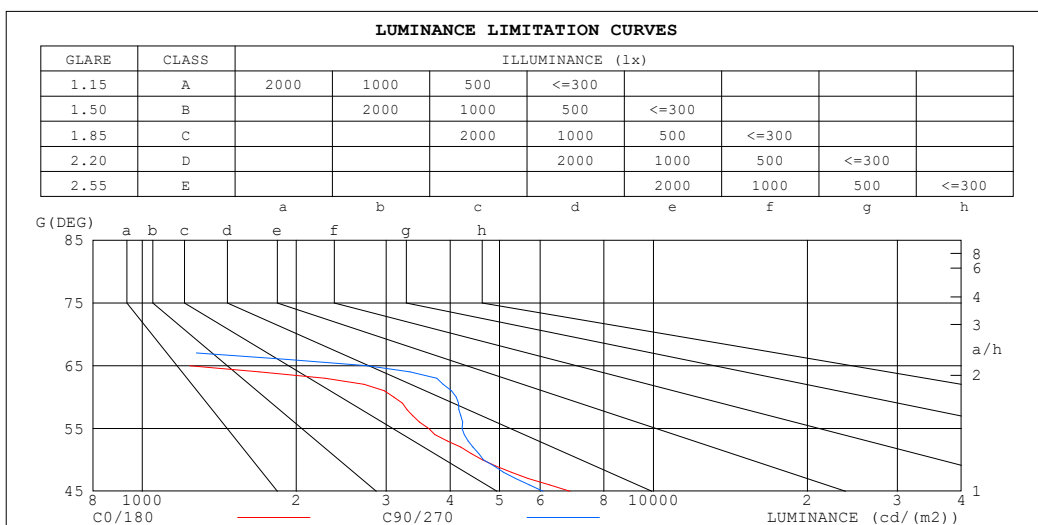
%lamp = 99.3%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:VJC008  
 Test Date:2023-06-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



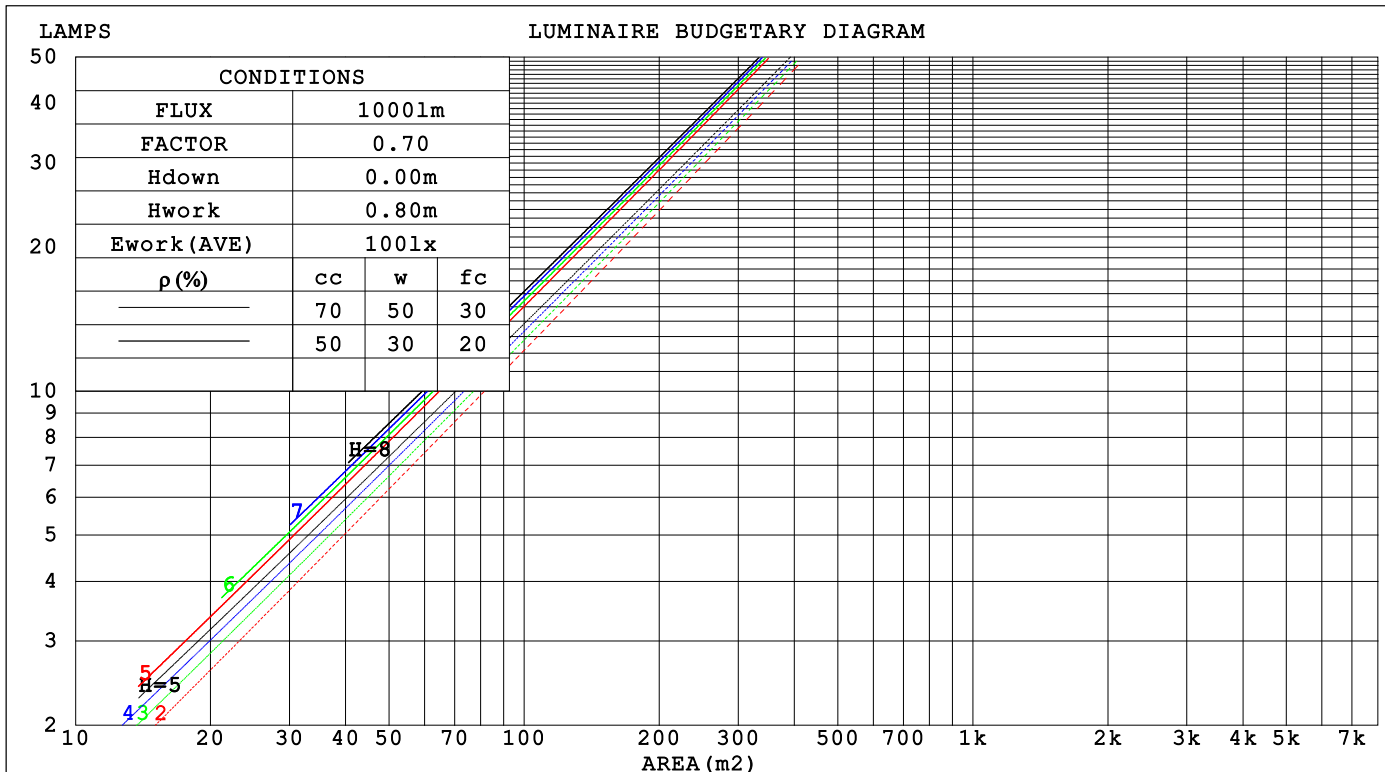
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: VJC008  
Test Date: 2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	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	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.03	1.03	1.02	.99	.99	.99	.97
2.0	1.09	1.06	1.04	1.07	1.05	1.03	1.04	1.02	1.01	1.01	.99	.98	.98	.97	.96	.95
3.0	1.05	1.02	.99	1.04	1.01	.99	1.01	.99	.97	.99	.97	.95	.97	.95	.94	.93
4.0	1.02	.98	.96	1.01	.98	.95	.99	.96	.94	.97	.95	.93	.95	.93	.92	.91
5.0	.99	.95	.93	.98	.95	.92	.96	.94	.92	.95	.93	.91	.94	.92	.90	.89
6.0	.96	.93	.90	.96	.92	.90	.94	.92	.89	.93	.91	.89	.92	.90	.88	.87
7.0	.94	.91	.88	.94	.90	.88	.92	.90	.87	.91	.89	.87	.90	.88	.87	.86
8.0	.92	.89	.86	.92	.88	.86	.91	.88	.86	.90	.87	.85	.89	.87	.85	.84
9.0	.90	.87	.84	.90	.87	.84	.89	.86	.84	.88	.86	.84	.88	.85	.84	.83
10.0	.88	.85	.83	.88	.85	.83	.87	.85	.83	.87	.84	.82	.86	.84	.82	.81



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 24			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	.123	.070	.022	.116	.066	.021	.104	.059	.019	.092	.053	.017	.081	.047	.015		
2.0	.113	.062	.019	.107	.059	.018	.097	.054	.017	.087	.049	.015	.078	.044	.014		
3.0	.104	.055	.017	.099	.053	.016	.091	.049	.015	.083	.045	.014	.075	.042	.013		
4.0	.096	.050	.015	.093	.048	.014	.085	.045	.014	.078	.042	.013	.072	.039	.012		
5.0	.090	.046	.013	.087	.045	.013	.081	.042	.012	.075	.039	.012	.069	.037	.011		
6.0	.084	.042	.012	.082	.041	.012	.076	.039	.011	.071	.037	.011	.067	.035	.010		
7.0	.080	.039	.011	.077	.038	.011	.073	.037	.011	.068	.035	.010	.064	.033	.010		
8.0	.075	.037	.010	.073	.036	.010	.069	.035	.010	.066	.033	.010	.062	.032	.009		
9.0	.072	.035	.010	.070	.034	.010	.066	.033	.009	.063	.032	.009	.060	.030	.009		
10.0	.068	.033	.009	.067	.032	.009	.064	.031	.009	.061	.030	.009	.058	.029	.008		

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	.173	.163	.155	.148	.140	.133	.101	.096	.092	.058	.056	.054	.019	.018	.017	
2.0	.154	.138	.125	.132	.119	.108	.090	.082	.075	.052	.048	.044	.017	.015	.014	
3.0	.138	.119	.103	.118	.102	.090	.081	.071	.063	.047	.042	.037	.015	.013	.012	
4.0	.125	.103	.087	.107	.089	.075	.074	.062	.053	.043	.036	.031	.014	.012	.010	
5.0	.114	.091	.074	.098	.078	.064	.067	.055	.045	.039	.032	.027	.013	.010	.009	
6.0	.104	.080	.063	.090	.070	.055	.062	.049	.039	.036	.029	.023	.012	.009	.008	
7.0	.096	.072	.055	.083	.062	.048	.057	.044	.034	.033	.026	.020	.011	.008	.007	
8.0	.089	.065	.048	.077	.056	.042	.053	.040	.030	.031	.023	.018	.010	.008	.006	
9.0	.083	.059	.043	.072	.051	.037	.050	.036	.027	.029	.021	.016	.009	.007	.005	
10.0	.078	.054	.038	.067	.047	.034	.047	.033	.024	.027	.020	.014	.009	.006	.005	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm										
NAME: DL3358 3000K RA90 15D					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: VJC Lighting					SUR.: 24			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	13.4	13.9	13.6	14.1	14.2	14.3	14.8	14.5	15.0	15.1
3H	13.2	13.7	13.5	13.9	14.1	14.2	14.8	14.5	14.9	15.1
4H	13.2	13.7	13.4	13.9	14.1	14.2	14.7	14.4	14.9	15.1
6H	13.1	13.5	13.4	13.8	14.0	14.1	14.5	14.4	14.8	15.0
8H	13.0	13.5	13.3	13.7	14.0	14.0	14.5	14.3	14.7	15.0
12H	13.0	13.4	13.3	13.7	14.0	14.0	14.4	14.3	14.7	15.0
4H 2H	13.4	13.9	13.7	14.1	14.3	14.3	14.8	14.5	15.0	15.2
3H	13.2	13.7	13.6	13.9	14.2	14.2	14.6	14.5	14.9	15.2
4H	13.1	13.5	13.5	13.8	14.2	14.1	14.5	14.4	14.8	15.1
6H	13.0	13.4	13.4	13.7	14.1	14.0	14.3	14.4	14.7	15.0
8H	13.0	13.3	13.4	13.7	14.0	13.9	14.3	14.3	14.6	15.0
12H	12.9	13.2	13.3	13.6	14.0	13.9	14.2	14.3	14.6	15.0
8H 4H	13.0	13.3	13.4	13.7	14.0	13.9	14.3	14.3	14.6	15.0
6H	12.9	13.1	13.3	13.5	14.0	13.8	14.1	14.2	14.5	14.9
8H	12.8	13.0	13.3	13.5	13.9	13.7	14.0	14.2	14.4	14.9
12H	12.7	12.9	13.2	13.4	13.9	13.7	13.9	14.2	14.3	14.8
12H 4H	12.9	13.2	13.3	13.6	14.0	13.9	14.2	14.3	14.6	15.0
6H	12.8	13.0	13.3	13.5	13.9	13.7	14.0	14.2	14.4	14.9
8H	12.7	12.9	13.2	13.4	13.9	13.7	13.9	14.2	14.3	14.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.8 / - 2.6					+ 2.1 / - 2.5				
1.5H	+ 2.8 / - 1.8					+ 3.7 / - 2.3				
2.0H	+ 1.9 / - 2.2					+ 0.7 / - 1.3				

CIE Pub.117, 265.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.6)  
Area: 0.00045 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

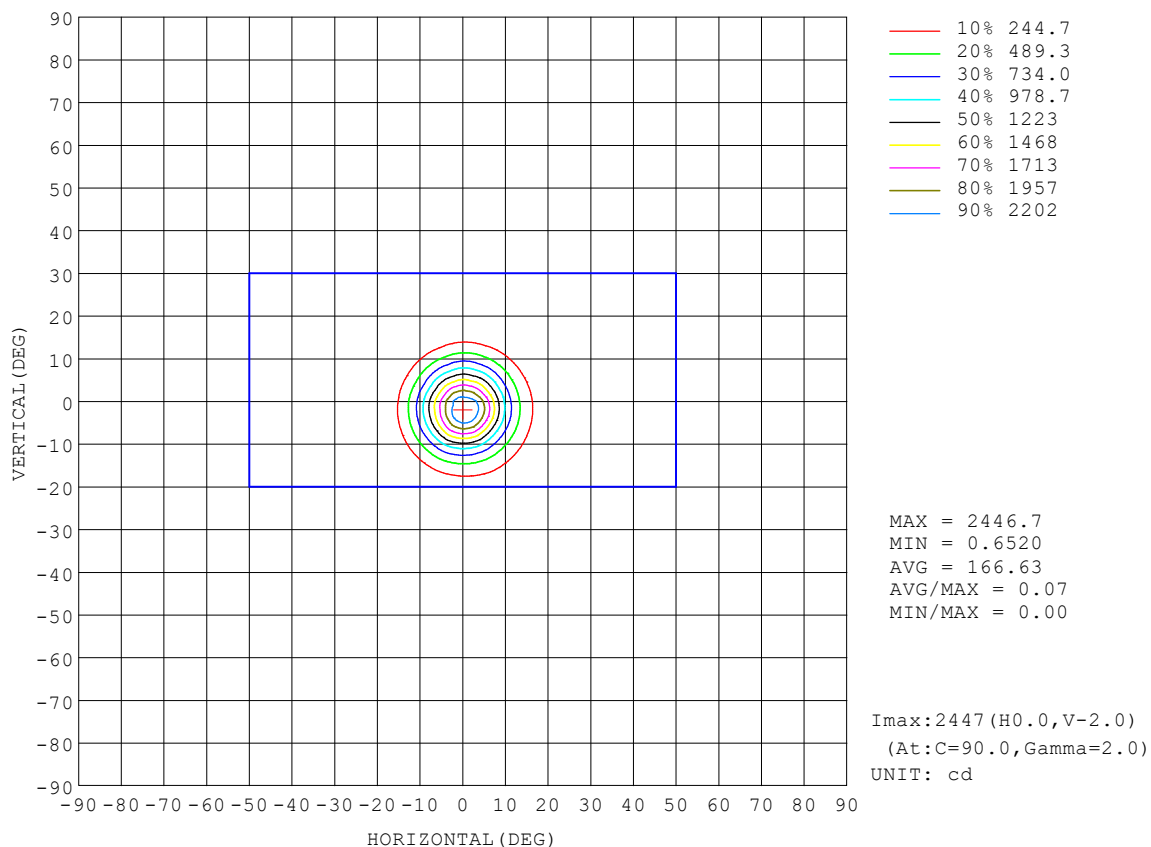
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	81	90	85	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	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	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	98
5.00	115	113	112	113	112	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: 2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



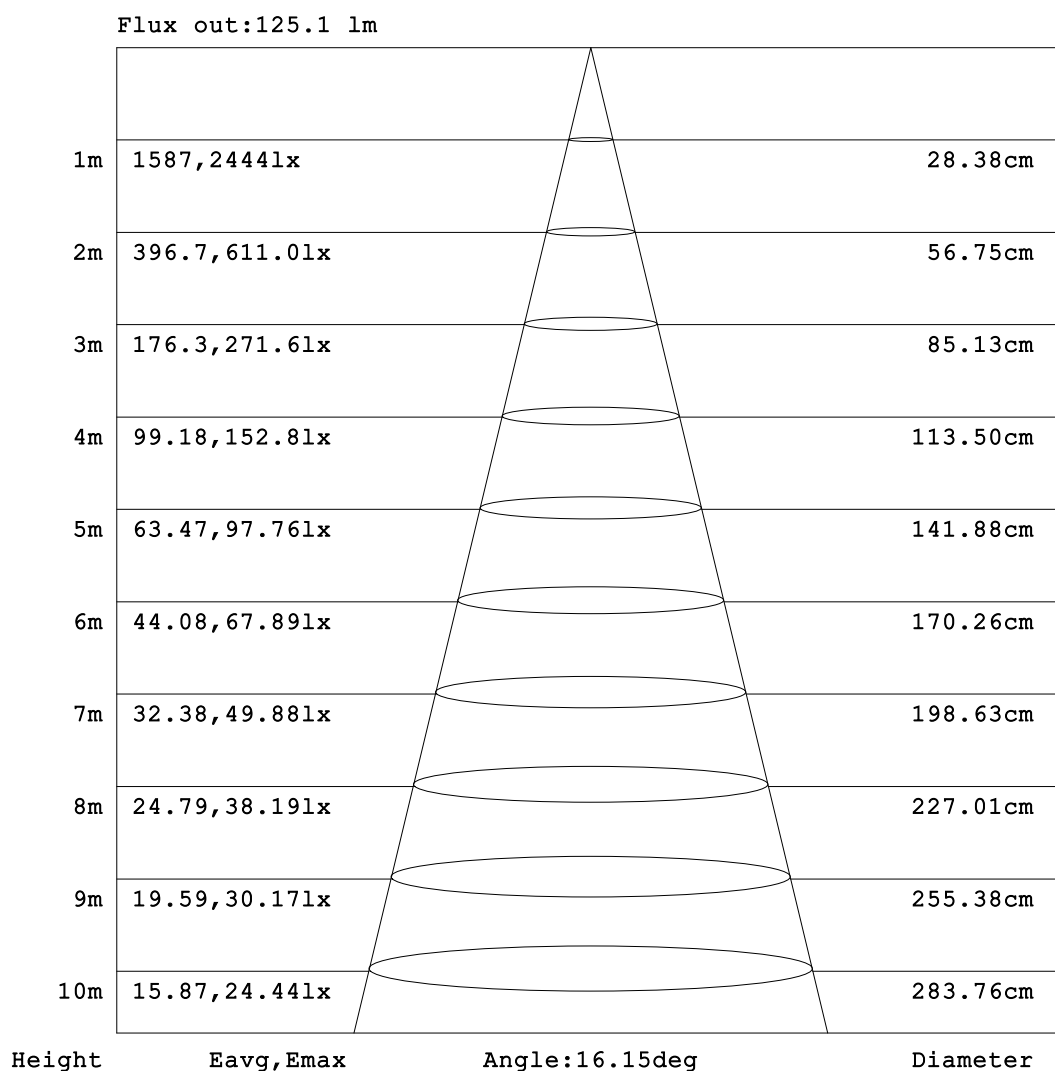
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



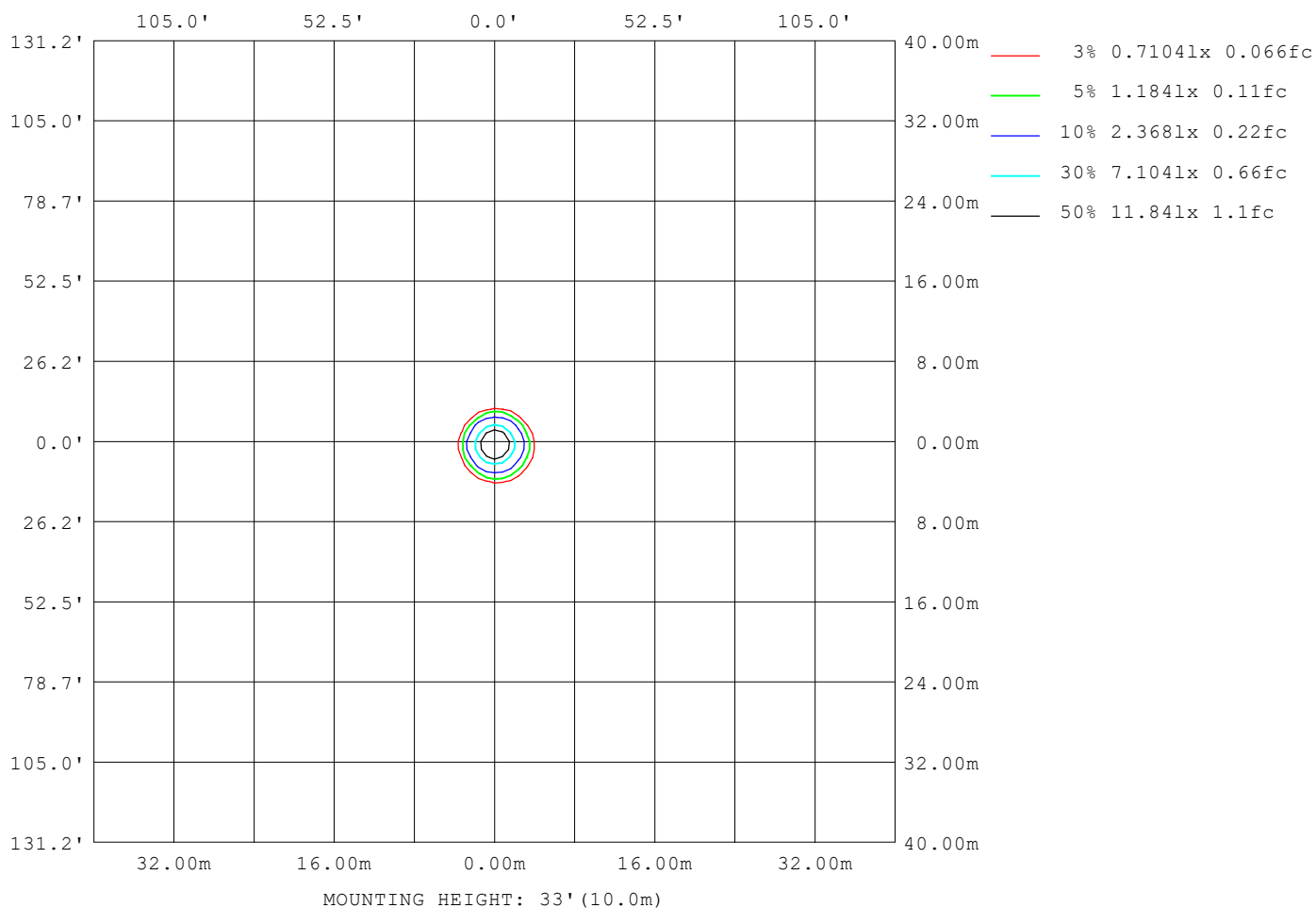
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: VJC008  
Test Date: 2023-06-30

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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm		
NAME: DL3358 3000K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

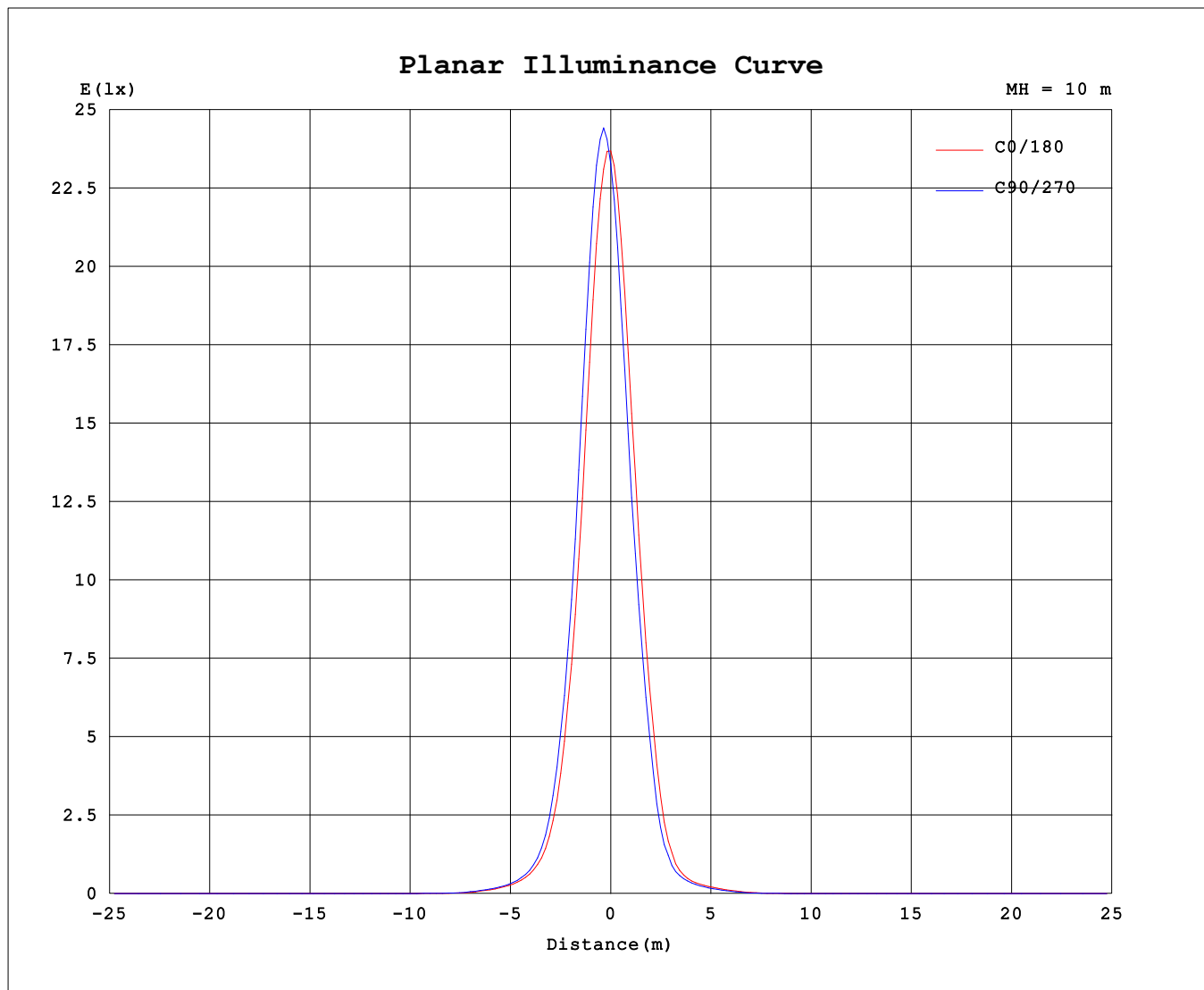
AvgL	cd/m2
L_0~180 (65) av	1090
L_0~180 (75) av	10
L_0~180 (85) av	0
L_90~270 (65) av	1578
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	1402
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-30

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: 2023-06-30

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.0624A P:5.4273W PF:0.3944 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.898x1 lm																	
NAME: DL3358 3000K RA90 15D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 24						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	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330			
5	1885	2036	2129	2229	2218	2171	2021	1873	1716	1581	1523	1459	1485	1506	1621	1744			
10	918	1028	1090	1192	1186	1183	1061	955	824	708	668	637	657	676	745	822			
15	326	380	415	453	450	436	378	320	249	197	175	162	174	188	223	271			
20	111	132	138	155	138	124	102	83.0	70.6	59.6	54.6	53.8	57.9	64.5	72.7	88.7			
25	48.3	55.5	56.7	61.0	57.4	46.4	38.8	36.3	35.0	30.7	28.3	27.3	29.6	30.1	34.2	38.0			
30	23.4	26.4	25.4	27.5	27.5	22.8	20.7	19.4	19.2	17.2	15.9	14.2	14.3	13.8	16.4	17.1			
35	7.51	8.41	9.31	11.2	11.7	10.3	9.00	7.44	7.01	6.04	5.71	5.18	4.92	4.66	5.28	5.92			
40	3.29	3.48	3.73	3.80	3.43	3.10	2.77	2.68	2.69	2.37	2.39	2.45	2.36	2.12	2.33	3.93			
45	2.15	1.99	2.21	2.29	1.94	1.64	1.46	1.33	1.43	1.34	1.42	1.60	1.46	1.25	1.55	4.03			
50	1.32	1.37	1.59	1.62	1.35	1.08	0.94	0.82	0.87	0.90	0.99	1.20	1.07	0.92	1.27	3.72			
55	0.92	1.07	1.30	1.35	1.09	0.83	0.71	0.61	0.61	0.68	0.74	0.93	0.82	0.71	1.01	3.43			
60	0.69	0.81	1.07	1.12	0.93	0.63	0.54	0.47	0.42	0.44	0.50	0.63	0.56	0.45	0.81	3.08			
65	0.23	0.31	0.55	0.75	0.53	0.35	0.30	0.24	0.18	0.16	0.10	0.08	0.07	0.09	0.12	0.92			
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01			
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00			
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00			
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	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	0.00	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	0.00	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			
115	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00			
125	0.01	0.03	0.01	0.03	0.02	0.03	0.01	0.04	0.03	0.01	0.04	0.02	0.03	0.00	0.02	0.00			
130	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04	0.09	0.08	0.12	0.10	0.12	0.09	0.10	0.05			
135	0.04	0.05	0.02	0.05	0.03	0.06	0.04	0.07	0.26	0.27	0.32	0.32	0.34	0.31	0.30	0.23			
140	0.12	0.12	0.09	0.11	0.09	0.12	0.12	0.17	0.60	0.65	0.71	0.73	0.75	0.71	0.68	0.59			
145	0.38	0.35	0.30	0.31	0.30	0.34	0.37	0.44	1.07	1.12	1.18	1.20	1.22	1.19	1.15	1.06			
150	0.81	0.76	0.71	0.70	0.70	0.75	0.79	0.89	1.49	1.52	1.57	1.57	1.60	1.56	1.54	1.47			
155	1.28	1.25	1.19	1.19	1.18	1.23	1.28	1.36	1.74	1.74	1.78	1.77	1.79	1.76	1.76	1.72			
160	1.60	1.59	1.54	1.57	1.56	1.60	1.61	1.68	1.82	1.81	1.81	1.82	1.82	1.81	1.79	1.80			
165	1.66	1.66	1.66	1.68	1.69	1.70	1.70	1.70	1.76	1.75	1.70	1.73	1.71	1.70	1.67	1.73			
170	1.46	1.48	1.53	1.55	1.58	1.56	1.55	1.49	1.49	1.47	1.41	1.39	1.36	1.36	1.37	1.45			
175	1.13	1.15	1.20	1.20	1.21	1.19	1.21	1.15	1.14	1.15	1.10	1.06	1.01	1.03	1.04	1.07			
180	1.00	1.01	1.02	1.00	0.98	0.97	1.01	0.96	1.01	1.01	1.01	0.98	0.98	0.96	0.99	0.95			

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