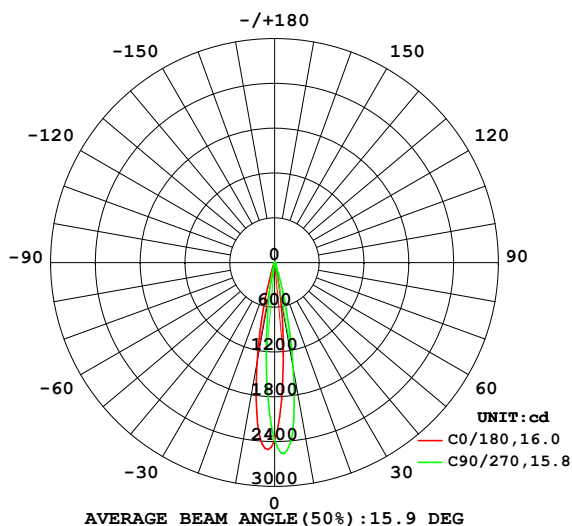


## LUMINAIRE PHOTOMETRIC TEST REPORT

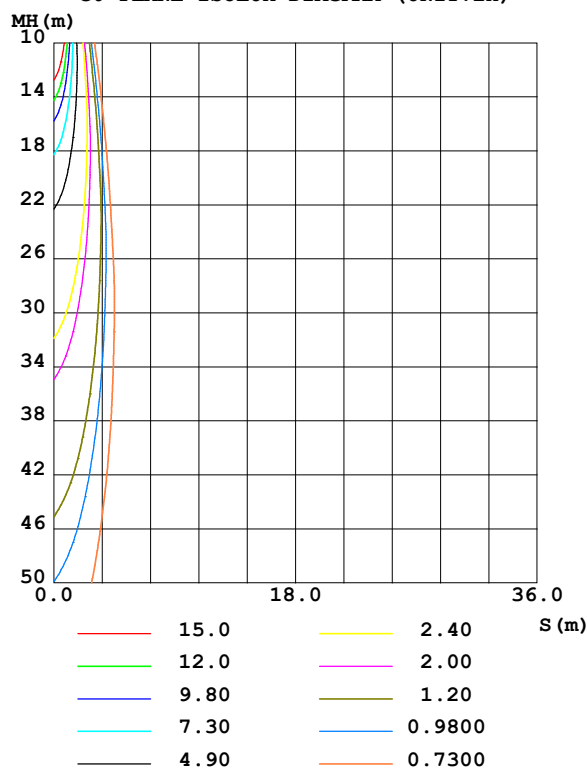
Test:U:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 48.85 lm/W			
MODEL	DL3358 2700K RA90 15D	Imax (cd)	2741	S/MH(C0/180)	0.35
NOMINAL POWER(W)	4	LOR(%)	100.0	S/MH(C90/270)	0.19
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	265.36	$\eta$ UP,DN(C0-180)	0.3,62.5
NOMINAL FLUX(lm)	265.356	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.5,36.8
LAMPS INSIDE	1	$\eta$ up (%)	0.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	$\eta$ down (%)	99.3	CIBSE SHR MAX	0.25

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

$\gamma$  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:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	456.9	780.8	1439	1843	1367	783.3	424.9	334.6	0- 10	146.4	146.4	55.2,55.2
20	42.31	73.62	134.1	182.7	108.5	51.59	36.97	35.02	10- 20	95.85	242.2	91.3,91.3
30	6.909	12.84	18.40	22.88	16.41	13.26	7.165	5.362	20- 30	15.73	257.9	97.2,97.2
40	1.524	1.451	3.228	2.634	2.281	1.417	0.8675	0.9389	30- 40	3.536	261.5	98.5,98.5
50	1.052	0.9078	2.932	0.9266	0.7984	0.5433	0.4398	0.5728	40- 50	0.9628	262.4	98.9,98.9
60	0.5983	0.5012	2.561	0.6079	0.5907	0.3864	0.2870	0.2720	50- 60	0.7164	263.2	99.2,99.2
70	0	0	0.0000	0.0169	0	0	0	0	60- 70	0.3031	263.5	99.3,99.3
80	0	0	0	0	0	0	0	0	70- 80	0.0002	263.5	99.3,99.3
90	0	0	0	0	0	0	0	0	80- 90	0	263.5	99.3,99.3
100	0	0	0	0	0	0	0	0	90-100	0	263.5	99.3,99.3
110	0	0	0	0	0	0	0	0	100-110	0.0000	263.5	99.3,99.3
120	0.0110	0.0068	0	0	0	0	0	0.0000	110-120	0.0024	263.5	99.3,99.3
130	0.0177	0.0136	0.0114	0.0138	0.0222	0.0503	0.1167	0.1564	120-130	0.0176	263.5	99.3,99.3
140	0.2118	0.0975	0.0386	0.0320	0.3373	0.5243	0.8084	0.9458	130-140	0.1367	263.6	99.3,99.3
150	1.097	0.8247	0.5645	0.4989	1.271	1.497	1.685	1.743	140-150	0.4612	264.1	99.5,99.5
160	1.713	1.662	1.529	1.487	1.826	1.865	1.870	1.806	150-160	0.6767	264.8	99.8,99.8
170	1.282	1.509	1.674	1.704	1.664	1.575	1.340	1.145	160-170	0.4810	265.2	100,100
180	0.9760	1.039	1.017	1.016	0.9959	1.033	1.015	1.002	170-180	0.1212	265.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 262.01 lm

%lum = 98.7%

%lamp = 98.7%

Conical surface Flux(130deg): 263.39 lm

%lum = 99.3%

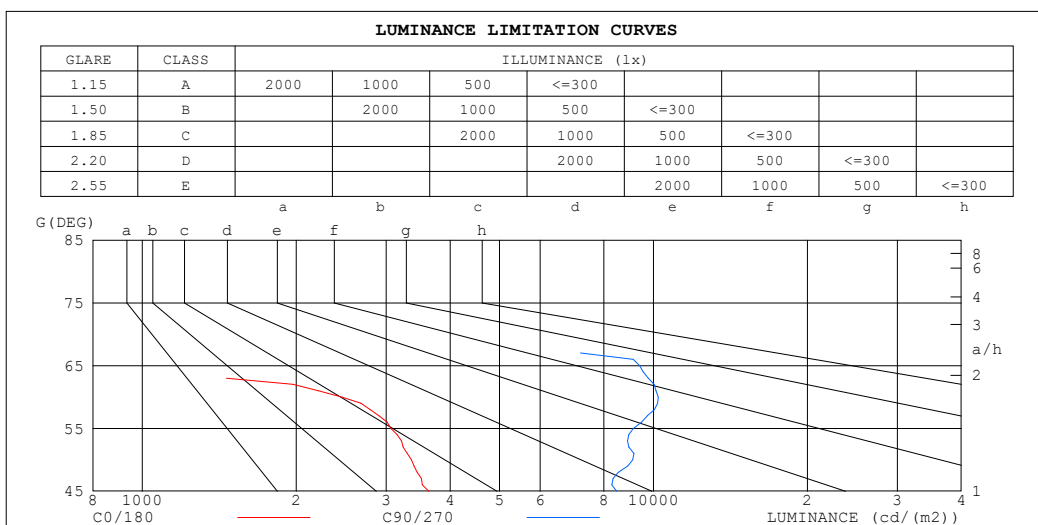
%lamp = 99.3%

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

$\gamma$  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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	0	0
65	55	9391
60	2459	10219
55	3063	9128
50	3363	9100
45	3636	8467

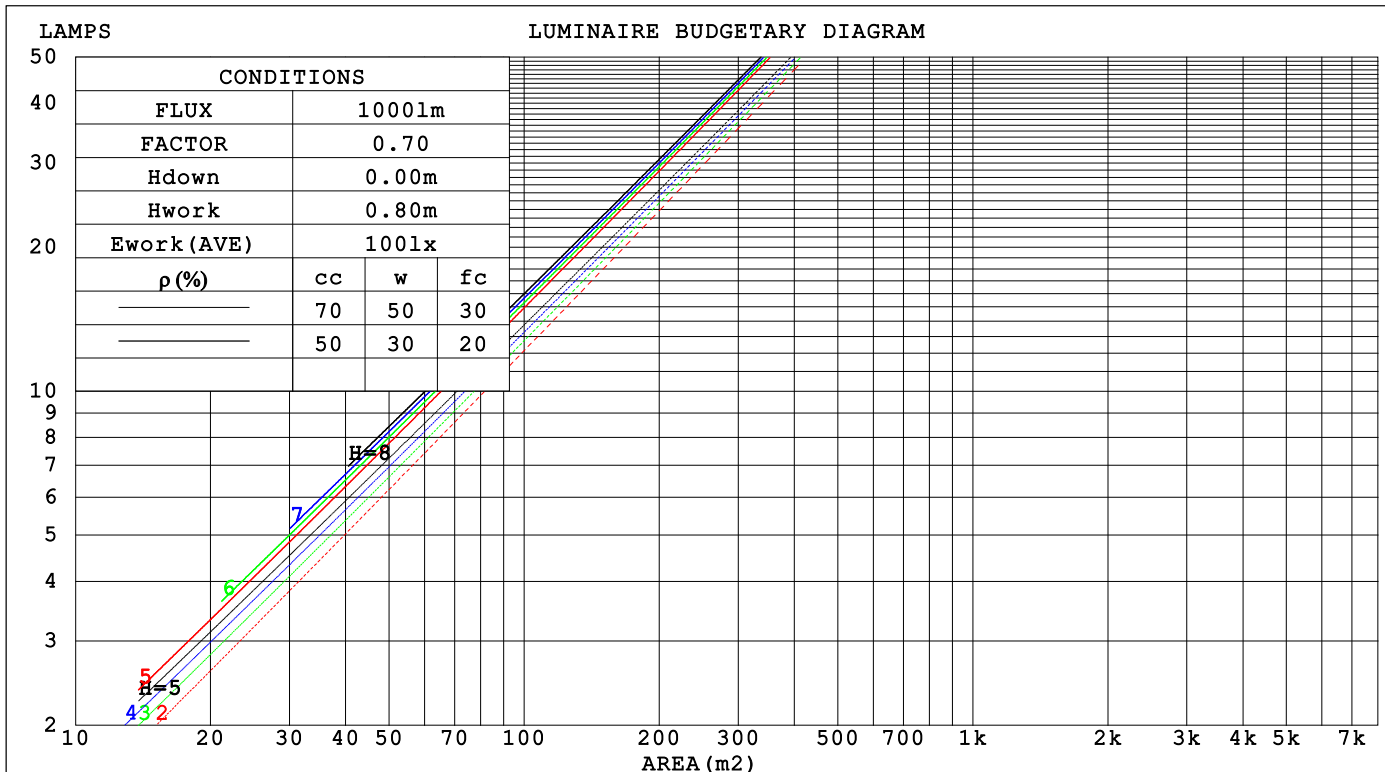
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: VJC008  
Test Date: 2023-07-04

$\gamma$  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:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K 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	1.14	1.12	1.10	1.11	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.00	.99	.99	.97
2.0	1.09	1.07	1.04	1.07	1.05	1.03	1.04	1.02	1.01	1.01	.00	.99	.99	.98	.97	.95
3.0	1.05	1.02	.00	1.04	1.01	.99	1.02	.99	.98	.99	.98	.96	.97	.96	.94	.93
4.0	1.02	.99	.96	1.01	.98	.96	.99	.97	.95	.97	.95	.94	.96	.94	.93	.91
5.0	.00	.96	.94	.99	.96	.93	.97	.94	.92	.96	.93	.92	.94	.92	.91	.90
6.0	.97	.94	.91	.96	.93	.91	.95	.92	.90	.94	.92	.90	.93	.91	.89	.88
7.0	.95	.92	.89	.94	.91	.89	.93	.91	.88	.92	.90	.88	.91	.89	.88	.87
8.0	.93	.90	.87	.93	.89	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.85
9.0	.91	.88	.86	.91	.88	.86	.90	.87	.85	.89	.87	.85	.89	.86	.85	.84
10.0	.90	.86	.84	.89	.86	.84	.89	.86	.84	.88	.85	.84	.87	.85	.83	.83



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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K 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	.121	.069	.022	.114	.065	.021	.101	.058	.019	.090	.052	.017	.079	.046	.015		
2.0	.110	.060	.019	.105	.058	.018	.094	.052	.016	.085	.047	.015	.076	.043	.014		
3.0	.101	.054	.016	.097	.052	.016	.088	.048	.015	.080	.044	.013	.073	.040	.012		
4.0	.094	.049	.014	.090	.047	.014	.083	.044	.013	.076	.041	.012	.070	.038	.012		
5.0	.088	.045	.013	.084	.043	.013	.078	.041	.012	.072	.038	.011	.067	.036	.011		
6.0	.082	.041	.012	.079	.040	.012	.074	.038	.011	.069	.036	.011	.064	.034	.010		
7.0	.077	.038	.011	.075	.037	.011	.070	.036	.010	.066	.034	.010	.062	.032	.009		
8.0	.073	.036	.010	.071	.035	.010	.067	.034	.010	.063	.032	.009	.060	.031	.009		
9.0	.069	.034	.009	.068	.033	.009	.064	.032	.009	.061	.030	.009	.058	.029	.008		
10.0	.066	.032	.009	.065	.031	.009	.061	.030	.008	.059	.029	.008	.056	.028	.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	.126	.132	.119	.108	.090	.082	.076	.052	.048	.044	.017	.016	.014		
3.0	.138	.119	.104	.118	.102	.090	.081	.071	.063	.047	.042	.037	.015	.013	.012		
4.0	.124	.103	.087	.107	.089	.076	.073	.062	.053	.042	.036	.031	.014	.012	.010		
5.0	.113	.091	.074	.097	.078	.064	.067	.055	.045	.039	.032	.027	.012	.010	.009		
6.0	.103	.080	.064	.089	.069	.055	.061	.049	.039	.036	.029	.023	.011	.009	.008		
7.0	.095	.072	.055	.082	.062	.048	.057	.044	.034	.033	.026	.020	.011	.008	.007		
8.0	.088	.065	.049	.076	.056	.042	.053	.039	.030	.031	.023	.018	.010	.008	.006		
9.0	.082	.059	.043	.071	.051	.038	.049	.036	.027	.029	.021	.016	.009	.007	.005		
10.0	.077	.054	.039	.066	.047	.034	.046	.033	.024	.027	.019	.014	.009	.006	.005		

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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm										
NAME: DL3358 2700K 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	7.8	8.3	8.0	8.5	8.6	12.3	12.8	12.5	12.9	13.1
3H	7.6	8.1	7.9	8.3	8.5	12.7	13.2	13.0	13.4	13.6
4H	7.5	8.0	7.8	8.2	8.5	12.7	13.1	12.9	13.3	13.6
6H	7.5	7.9	7.7	8.2	8.4	12.6	13.0	12.9	13.3	13.5
8H	7.4	7.9	7.7	8.1	8.4	12.5	13.0	12.8	13.2	13.5
12H	7.4	7.8	7.7	8.1	8.3	12.5	12.9	12.8	13.2	13.4
4H 2H	7.8	8.2	8.0	8.5	8.7	12.1	12.6	12.4	12.8	13.0
3H	7.6	8.0	7.9	8.3	8.6	12.5	13.0	12.9	13.2	13.5
4H	7.5	7.9	7.8	8.2	8.5	12.4	12.8	12.8	13.1	13.4
6H	7.4	7.7	7.8	8.1	8.4	12.3	12.7	12.7	13.0	13.4
8H	7.3	7.7	7.7	8.0	8.4	12.3	12.6	12.7	13.0	13.3
12H	7.3	7.6	7.7	8.0	8.3	12.2	12.5	12.6	12.9	13.3
8H 4H	7.3	7.7	7.7	8.0	8.4	12.3	12.6	12.7	13.0	13.3
6H	7.2	7.5	7.6	7.9	8.3	12.2	12.4	12.6	12.8	13.3
8H	7.1	7.4	7.6	7.8	8.3	12.1	12.3	12.5	12.8	13.2
12H	7.1	7.3	7.5	7.7	8.2	12.0	12.2	12.5	12.7	13.2
12H 4H	7.3	7.6	7.7	8.0	8.3	12.2	12.5	12.6	12.9	13.3
6H	7.1	7.4	7.6	7.8	8.3	12.1	12.3	12.5	12.8	13.2
8H	7.1	7.3	7.5	7.7	8.2	12.0	12.2	12.5	12.7	13.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.8 / - 1.0					+ 2.7 / - 3.7				
1.5H	+ 1.0 / - 2.6					+ 5.7 / - 7.4				
2.0H	+ 1.3 / - 8.4					+ 5.2 / - 8.9				

CIE Pub.117, 265.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.6)  
Area: 0.0005 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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

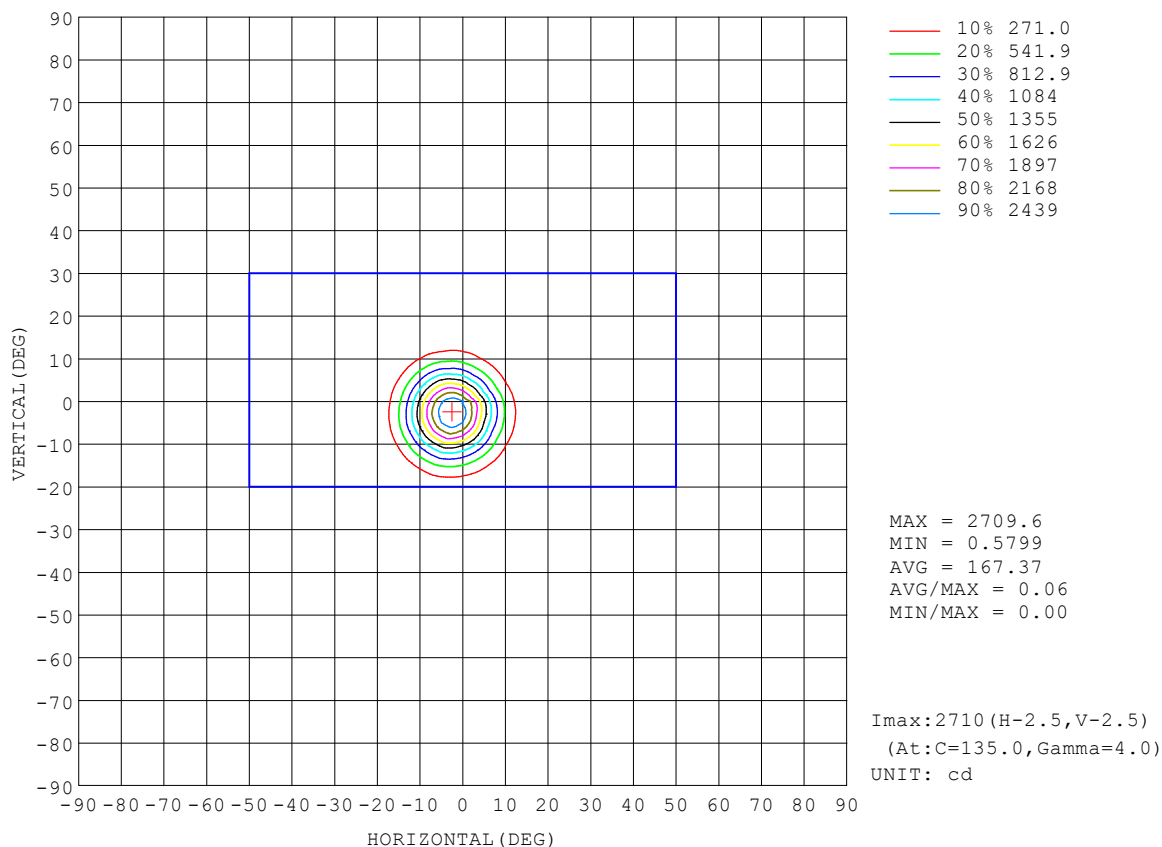
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	81	89	84	81	78
0.80	98	92	89	97	92	89	96	91	89	85
1.00	101	96	93	101	96	93	99	95	92	89
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	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: 2023-07-04

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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



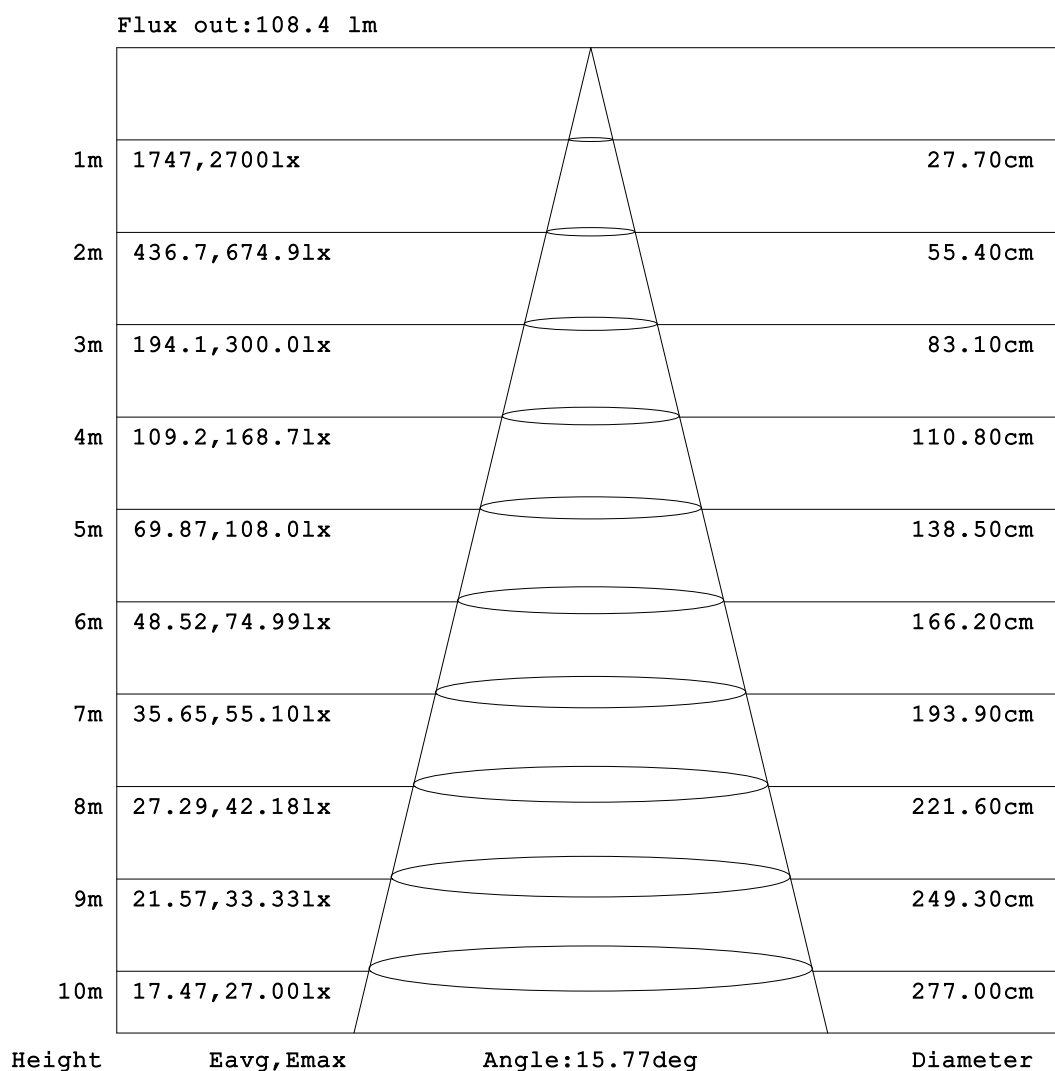
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-07-04

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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:



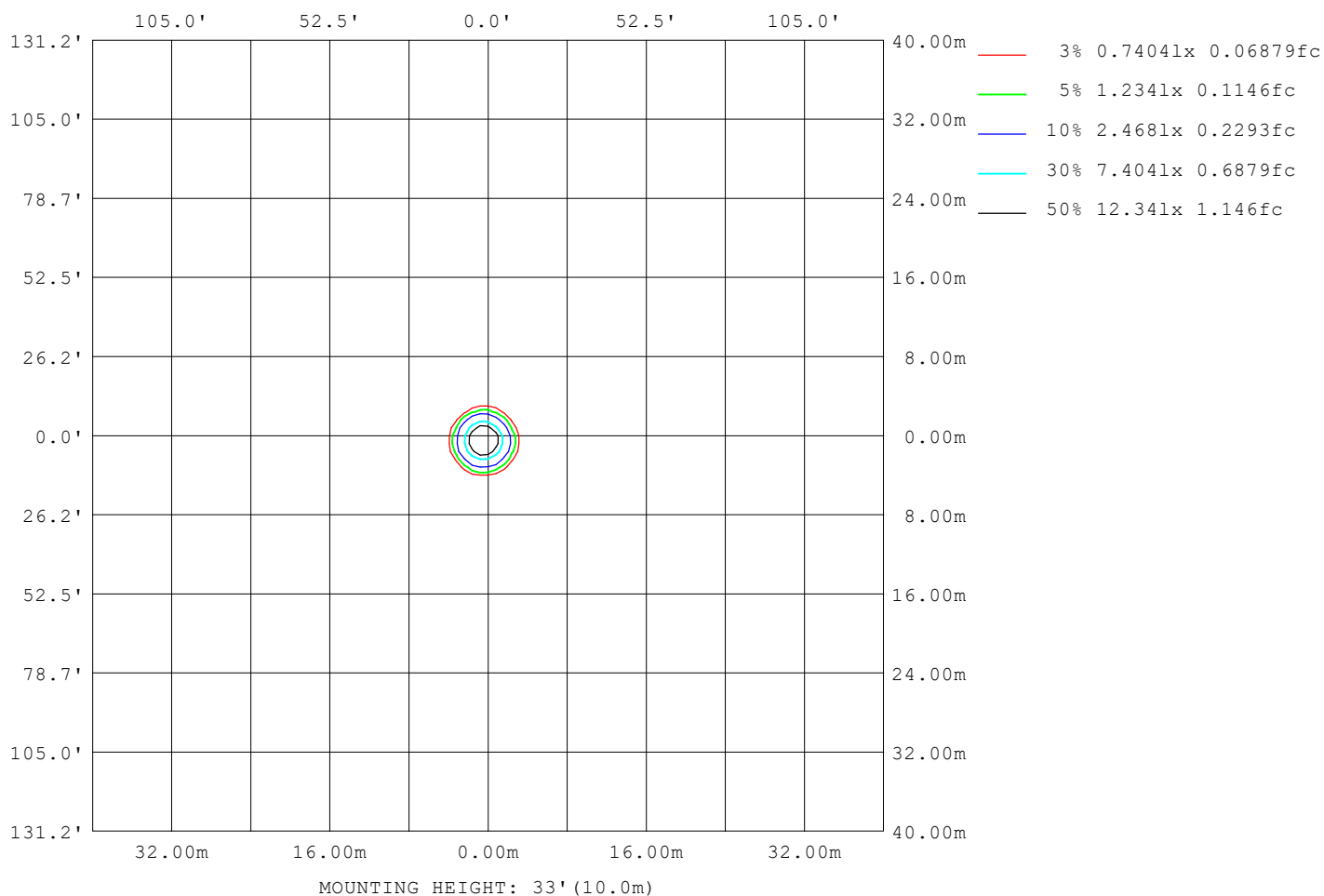
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K 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: 2023-07-04

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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm		
NAME: DL3358 2700K RA90 15D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 24	Shielding Angle:

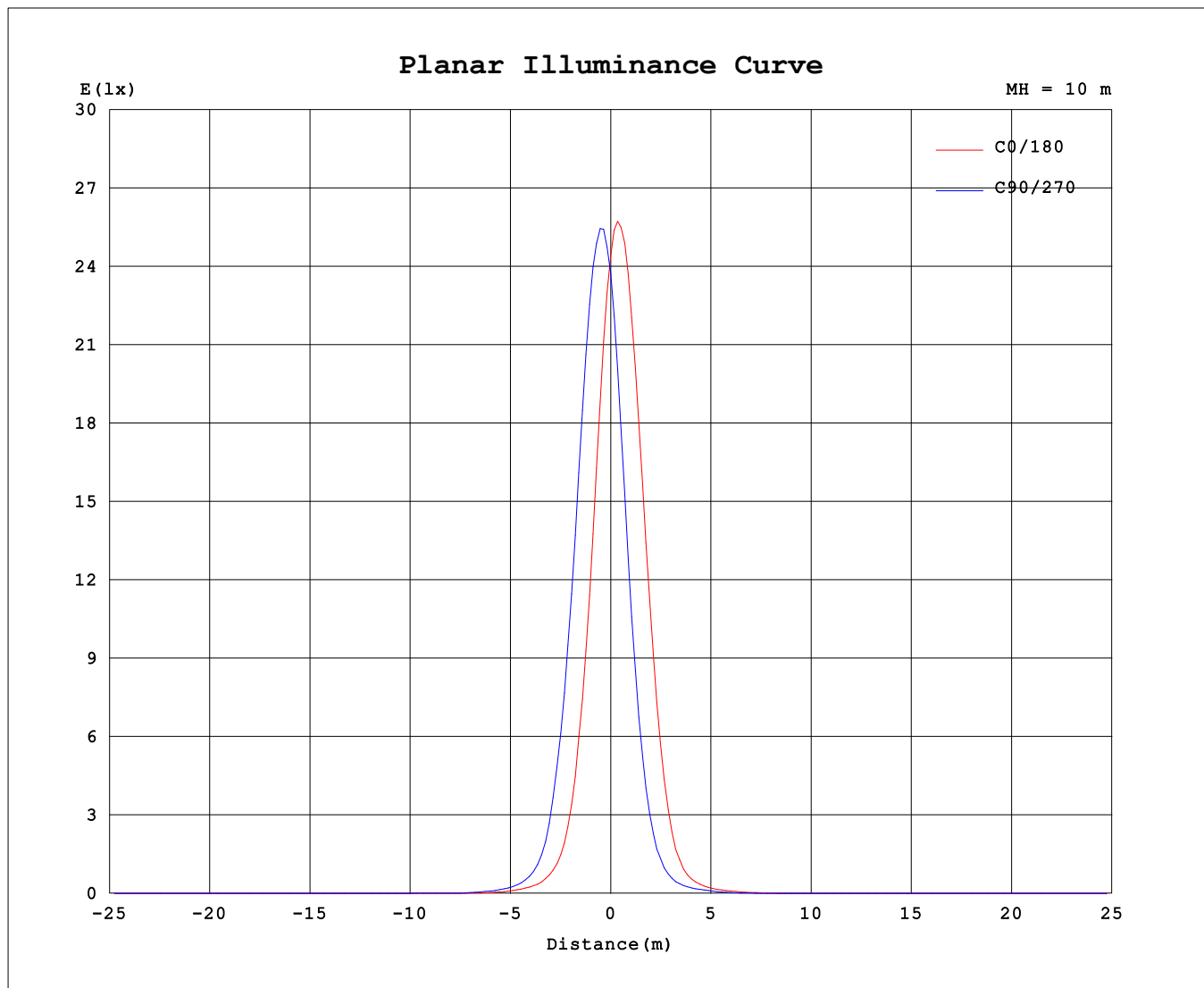
AvgL	cd/m2
L_0~180 (65) av	1068
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	4922
L_90~270 (75) av	0
L_90~270 (85) av	0
L_45 (65) av	722
L_45 (75) av	0
L_45 (85) av	0

Standard: GB/T 29293-2012

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

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

$\gamma$  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:220.63V I:0.0622A P:5.4321W PF:0.3959 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:265.356x1 lm																	
NAME: DL3358 2700K 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	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377	2377			
5	1356	1558	1804	2151	2432	2668	2689	2620	2334	2043	1795	1482	1300	1163	1149	1183			
10	457	597	781	1115	1439	1801	1843	1717	1367	1044	783	552	425	345	335	356			
15	124	164	229	363	542	720	748	682	470	311	203	131	109	94.3	92.2	96.4			
20	42.3	56.9	73.6	99.5	134	183	183	161	109	75.5	51.6	38.9	37.0	36.9	35.0	34.3			
25	18.7	24.9	30.9	34.5	44.5	56.7	50.2	44.1	37.6	30.8	23.5	19.6	18.4	17.3	16.1	15.6			
30	6.91	9.28	12.8	14.9	18.4	26.2	22.9	19.4	16.4	17.2	13.3	9.39	7.16	5.74	5.36	5.52			
35	2.22	2.42	3.02	4.04	6.95	10.9	10.4	9.95	7.60	7.24	4.65	2.80	2.15	1.82	1.72	1.78			
40	1.52	1.54	1.45	1.65	3.23	3.73	2.63	2.86	2.28	1.75	1.42	1.00	0.87	0.91	0.94	1.15			
45	1.25	1.26	1.05	1.04	3.00	2.71	1.27	1.25	1.13	0.93	0.75	0.62	0.55	0.67	0.69	0.90			
50	1.05	1.10	0.91	0.78	2.93	2.09	0.93	0.87	0.80	0.70	0.54	0.48	0.44	0.55	0.57	0.76			
55	0.85	0.92	0.78	0.62	2.62	1.47	0.77	0.71	0.67	0.59	0.46	0.39	0.36	0.45	0.47	0.65			
60	0.60	0.69	0.50	0.47	2.56	1.05	0.61	0.62	0.59	0.51	0.39	0.31	0.29	0.34	0.27	0.42			
65	0.01	0.00	0.07	0.16	1.99	0.66	0.33	0.46	0.44	0.36	0.19	0.16	0.09	0.06	0.02	0.02			
70	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00			
75	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			
80	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			
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	0.00	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	0.02	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			
120	0.01	0.03	0.01	0.03	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.02	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.00	0.00	0.01	0.00	0.03	0.01	0.04	0.00			
130	0.02	0.03	0.01	0.03	0.01	0.03	0.01	0.03	0.02	0.01	0.05	0.06	0.12	0.13	0.16	0.12			
135	0.04	0.05	0.01	0.03	0.01	0.03	0.01	0.03	0.10	0.11	0.19	0.26	0.36	0.43	0.46	0.43			
140	0.21	0.17	0.10	0.08	0.04	0.06	0.03	0.07	0.34	0.39	0.52	0.67	0.81	0.92	0.95	0.91			
145	0.59	0.48	0.36	0.28	0.19	0.18	0.16	0.21	0.77	0.86	1.02	1.18	1.32	1.41	1.44	1.41			
150	1.10	0.97	0.82	0.69	0.56	0.52	0.50	0.57	1.27	1.35	1.50	1.58	1.69	1.73	1.74	1.72			
155	1.53	1.46	1.34	1.21	1.08	1.03	1.01	1.09	1.65	1.68	1.78	1.80	1.85	1.86	1.85	1.85			
160	1.71	1.71	1.66	1.62	1.53	1.52	1.49	1.56	1.83	1.82	1.87	1.87	1.87	1.88	1.81	1.85			
165	1.62	1.65	1.73	1.75	1.73	1.76	1.73	1.79	1.83	1.84	1.81	1.80	1.72	1.68	1.56	1.61			
170	1.28	1.37	1.51	1.60	1.67	1.71	1.70	1.70	1.66	1.64	1.58	1.48	1.34	1.24	1.15	1.19			
175	0.96	1.03	1.16	1.23	1.31	1.35	1.39	1.35	1.30	1.28	1.23	1.14	0.99	0.94	0.87	0.85			
180	0.98	1.00	1.04	1.03	1.02	1.02	1.02	0.96	1.00	1.01	1.03	1.02	1.01	1.00	1.00	0.94			

C Range: 0 - 360DEG  
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