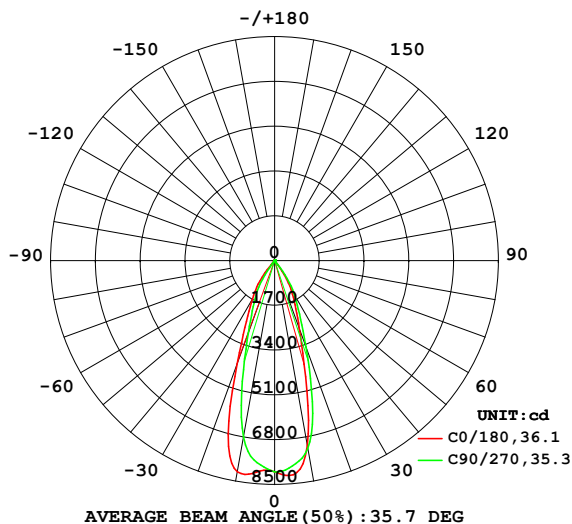


## LUMINAIRE PHOTOMETRIC TEST REPORT

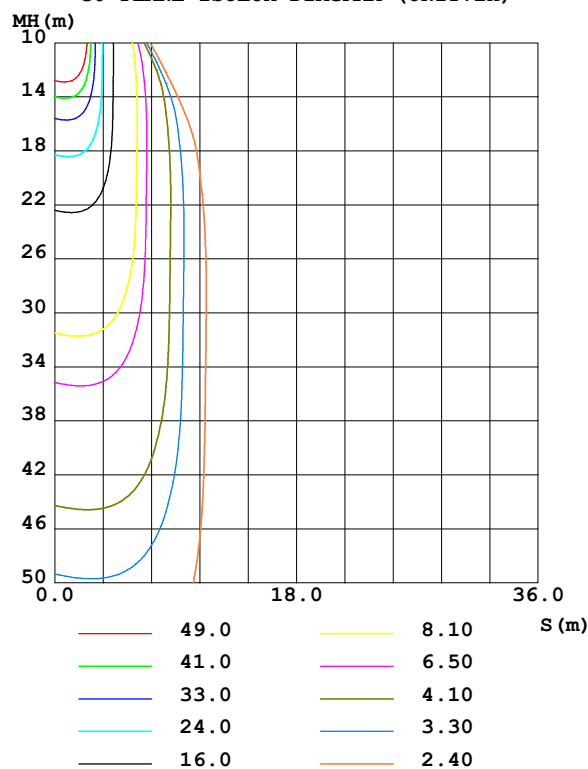
Test:U:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 96.49 lm/W			
MODEL	TR3085 4000K RA90 30D	I <sub>max</sub> (cd)	8192	S/MH(C0/180)	0.65
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	3990.2	η UP,DN(C0-180)	0.3,51.1
NOMINAL FLUX(lm)	3990.17	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,48.2
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.2	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 °C  
Operators: VJC008  
Test Date: 2023-06-25

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	7139	7521	7250	7885	8138	7527	6808	7232	0- 10	744.8	744.8	18.7,18.7
20	2767	3503	3493	4562	4168	3973	2924	2988	10- 20	1528	2273	57,57
30	1248	1388	1521	1714	1695	1549	1320	1289	20- 30	1035	3308	82.9,82.9
40	70.76	594.9	161.5	761.6	318.1	659.1	67.64	513.9	30- 40	545.6	3853	96.6,96.6
50	11.62	28.64	12.41	76.62	16.54	38.39	10.08	16.19	40- 50	95.71	3949	99,99
60	3.145	4.130	3.739	4.938	4.695	5.320	2.954	3.629	50- 60	8.566	3957	99.2,99.2
70	0.3316	0.2888	0.5092	0.5041	0.7256	0.3266	0.3318	0.2687	60- 70	2.001	3959	99.2,99.2
80	0.1590	0.1477	0.1685	0.1619	0.1519	0.1429	0.1432	0.1230	70- 80	0.2626	3960	99.2,99.2
90	0.1362	0.1317	0.1296	0.1299	0.0908	0.1226	0.1091	0.1048	80- 90	0.1397	3960	99.2,99.2
100	0.2381	0.2178	0.1977	0.1845	0.1226	0.1636	0.1252	0.2053	90-100	0.1563	3960	99.2,99.2
110	0.4444	0.4763	0.3432	0.3802	0.3024	0.5252	0.4217	0.7209	100-110	0.3009	3960	99.3,99.3
120	1.287	1.213	0.8518	0.9880	1.386	1.648	1.776	2.156	110-120	0.8548	3961	99.3,99.3
130	3.378	2.974	2.404	2.411	4.004	4.437	4.989	5.605	120-130	2.188	3963	99.3,99.3
140	7.747	6.674	5.876	5.526	9.250	9.616	10.79	11.30	130-140	4.533	3968	99.4,99.4
150	13.16	12.21	11.45	10.74	15.29	15.88	17.14	17.56	140-150	7.001	3975	99.6,99.6
160	17.42	17.32	16.87	16.27	19.99	20.57	21.24	21.13	150-160	7.666	3983	99.8,99.8
170	19.40	19.51	19.89	19.32	21.37	21.61	21.65	21.26	160-170	5.615	3988	100,100
180	21.22	21.25	21.18	21.01	21.23	21.27	21.20	21.03	170-180	1.977	3990	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3928.5 lm

%lum = 98.5%

%lamp = 98.5%

Conical surface Flux(130deg): 3959 lm

%lum = 99.2%

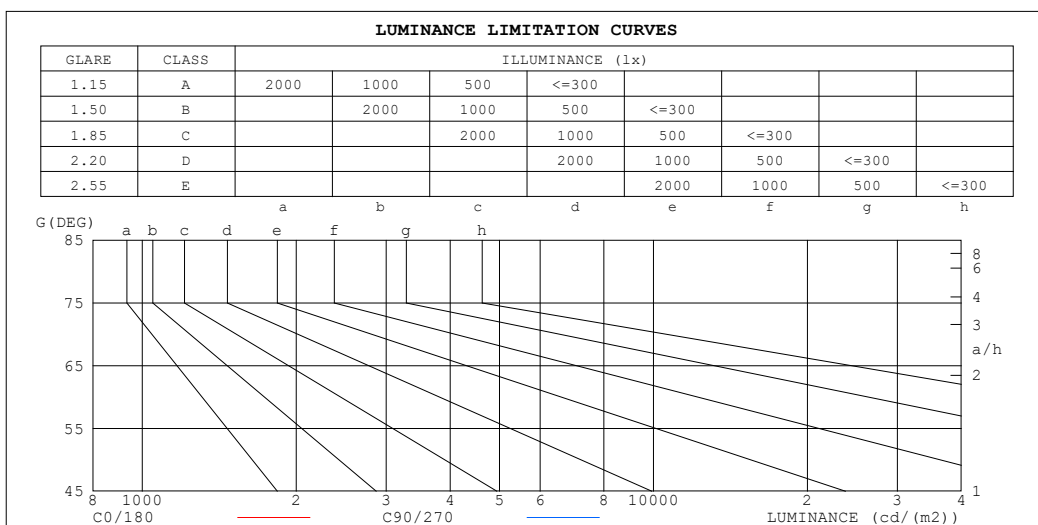
%lamp = 99.2%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:VJC008  
 Test Date:2023-06-25

$\gamma$  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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



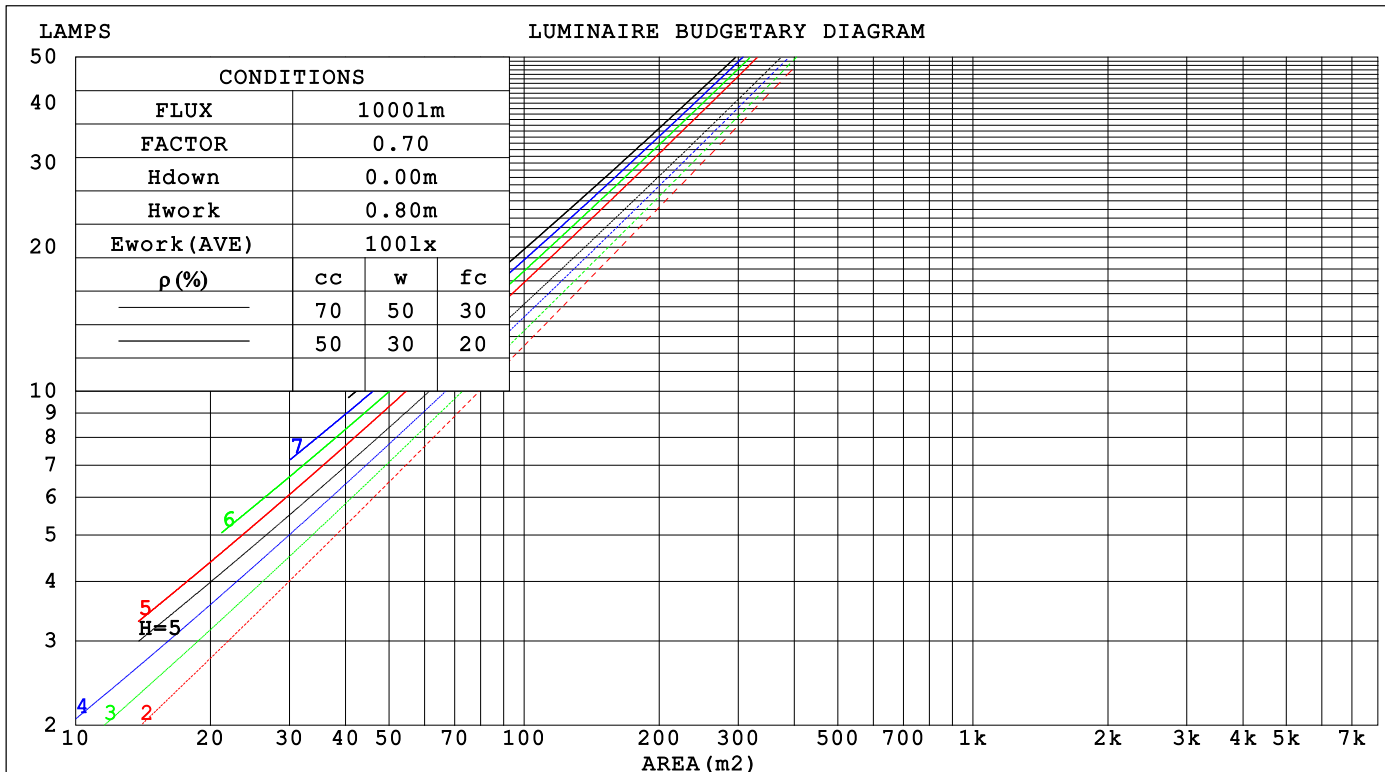
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: VJC008  
Test Date: 2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p <sub>fc</sub>	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	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	1.00	.97	.90	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.91	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.88	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.79	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.81	.75	.72	.80	.75	.72	.79	.74	.71	.78	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.69	.65	.62	.68	.64	.62	.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:VJC008  
 Test Date:2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 285*168			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	.159	.090	.029	.152	.087	.028	.139	.080	.025	.127	.073	.024	.116	.067	.022		
2.0	.150	.082	.025	.144	.080	.025	.134	.074	.023	.124	.069	.022	.114	.065	.020		
3.0	.142	.076	.023	.137	.074	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019		
4.0	.135	.070	.021	.131	.068	.020	.123	.065	.019	.116	.062	.019	.109	.059	.018		
5.0	.128	.065	.019	.125	.064	.019	.118	.061	.018	.111	.059	.017	.106	.056	.017		
6.0	.122	.061	.018	.119	.060	.017	.113	.058	.017	.108	.056	.016	.102	.054	.016		
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.015	.099	.052	.015		
8.0	.112	.055	.015	.109	.054	.015	.105	.052	.015	.100	.051	.015	.096	.049	.014		
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.093	.047	.014		
10.0	.103	.049	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.090	.045	.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	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.176	.163	.152	.150	.140	.131	.103	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.159	.138	.121	.136	.119	.105	.093	.082	.073	.054	.048	.043	.017	.016	.014		
3.0	.146	.119	.098	.125	.103	.085	.086	.072	.060	.050	.042	.035	.016	.014	.012		
4.0	.135	.104	.081	.116	.090	.071	.079	.063	.050	.046	.037	.029	.015	.012	.010		
5.0	.125	.092	.068	.108	.080	.059	.074	.056	.042	.043	.033	.025	.014	.011	.008		
6.0	.117	.083	.058	.101	.072	.051	.070	.050	.036	.040	.030	.021	.013	.010	.007		
7.0	.110	.075	.050	.095	.065	.044	.066	.046	.031	.038	.027	.019	.012	.009	.006		
8.0	.105	.069	.044	.090	.060	.038	.062	.042	.027	.036	.025	.016	.012	.008	.005		
9.0	.099	.063	.039	.086	.055	.034	.059	.039	.024	.035	.023	.014	.011	.007	.005		
10.0	.095	.059	.035	.082	.051	.031	.057	.036	.022	.033	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm											
NAME: TR3085 4000K RA90 30D						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: VJC Lighting						SUR.: 285*168		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		7.0	7.9	7.3	8.0	8.2	8.1	8.9	8.3	9.1	9.2
3H		6.9	7.6	7.1	7.8	8.0	7.9	8.7	8.2	8.9	9.1
4H		6.8	7.5	7.1	7.7	8.0	7.8	8.5	8.1	8.8	9.0
6H		6.7	7.4	7.0	7.6	7.9	7.8	8.4	8.1	8.7	8.9
8H		6.7	7.3	7.0	7.6	7.8	7.7	8.3	8.0	8.6	8.9
12H		6.6	7.2	6.9	7.5	7.8	7.7	8.3	8.0	8.5	8.8
4H 2H		6.8	7.5	7.1	7.7	8.0	7.8	8.5	8.1	8.8	9.0
3H		6.6	7.2	6.9	7.5	7.8	7.7	8.3	8.0	8.6	8.8
4H		6.5	7.1	6.9	7.4	7.7	7.6	8.1	7.9	8.4	8.7
6H		6.4	6.9	6.8	7.3	7.6	7.5	8.0	7.8	8.3	8.7
8H		6.4	6.8	6.8	7.2	7.6	7.4	7.9	7.8	8.2	8.6
12H		6.3	6.7	6.7	7.1	7.5	7.4	7.8	7.8	8.2	8.6
8H 4H		6.4	6.8	6.8	7.2	7.6	7.4	7.9	7.8	8.2	8.6
6H		6.3	6.6	6.7	7.0	7.5	7.3	7.7	7.7	8.1	8.5
8H		6.2	6.5	6.7	7.0	7.4	7.2	7.6	7.7	8.0	8.5
12H		6.1	6.4	6.6	6.9	7.4	7.2	7.5	7.7	7.9	8.4
12H 4H		6.3	6.7	6.7	7.1	7.5	7.4	7.8	7.8	8.2	8.6
6H		6.2	6.5	6.7	7.0	7.4	7.2	7.6	7.7	8.0	8.5
8H		6.1	6.4	6.6	6.9	7.4	7.2	7.5	7.7	7.9	8.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 3.5 / -19.0					+ 3.0 / -20.4				
1.5H		+ 5.0 / -14.9					+ 5.7 / -17.3				
2.0H		+ 4.6 / - 7.1					+ 5.3 / - 7.0				

CIE Pub.117, 3990 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.8)  
Area: 0.048 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

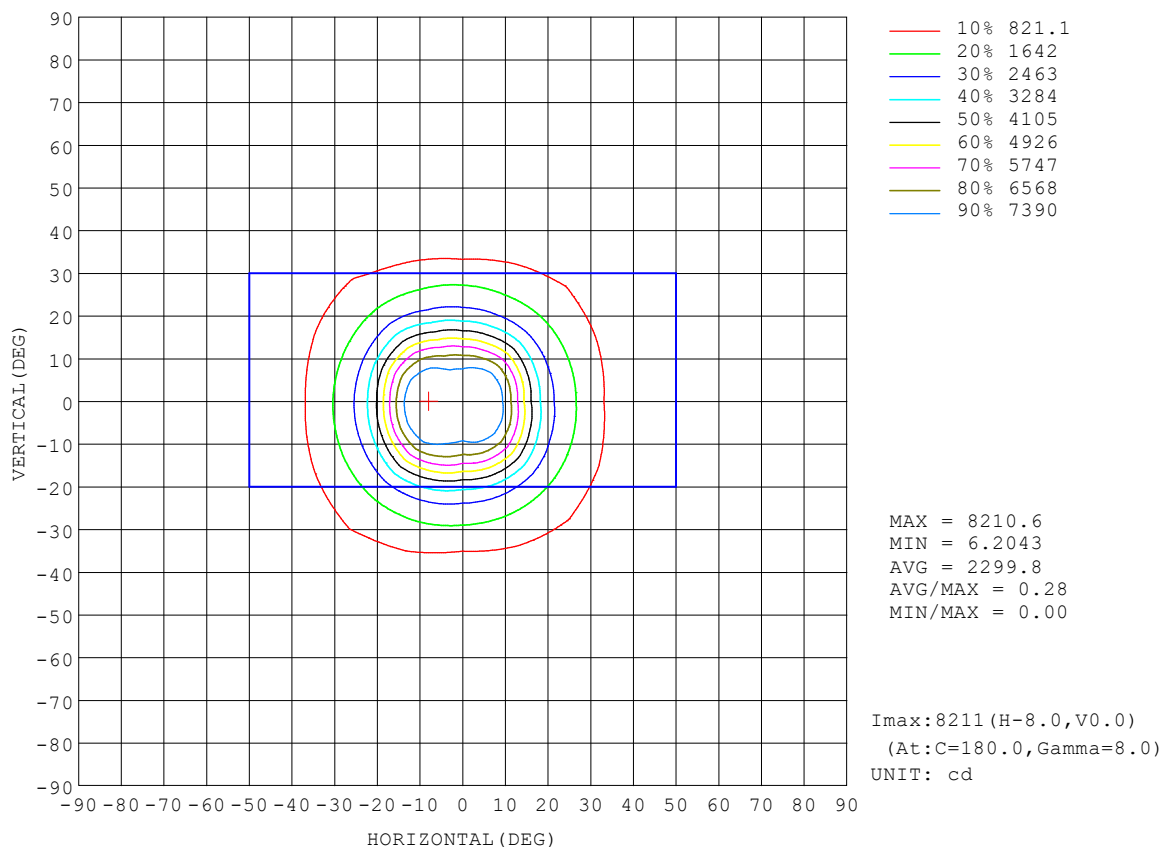
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	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℃  
Operators: VJC008  
Test Date: 2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



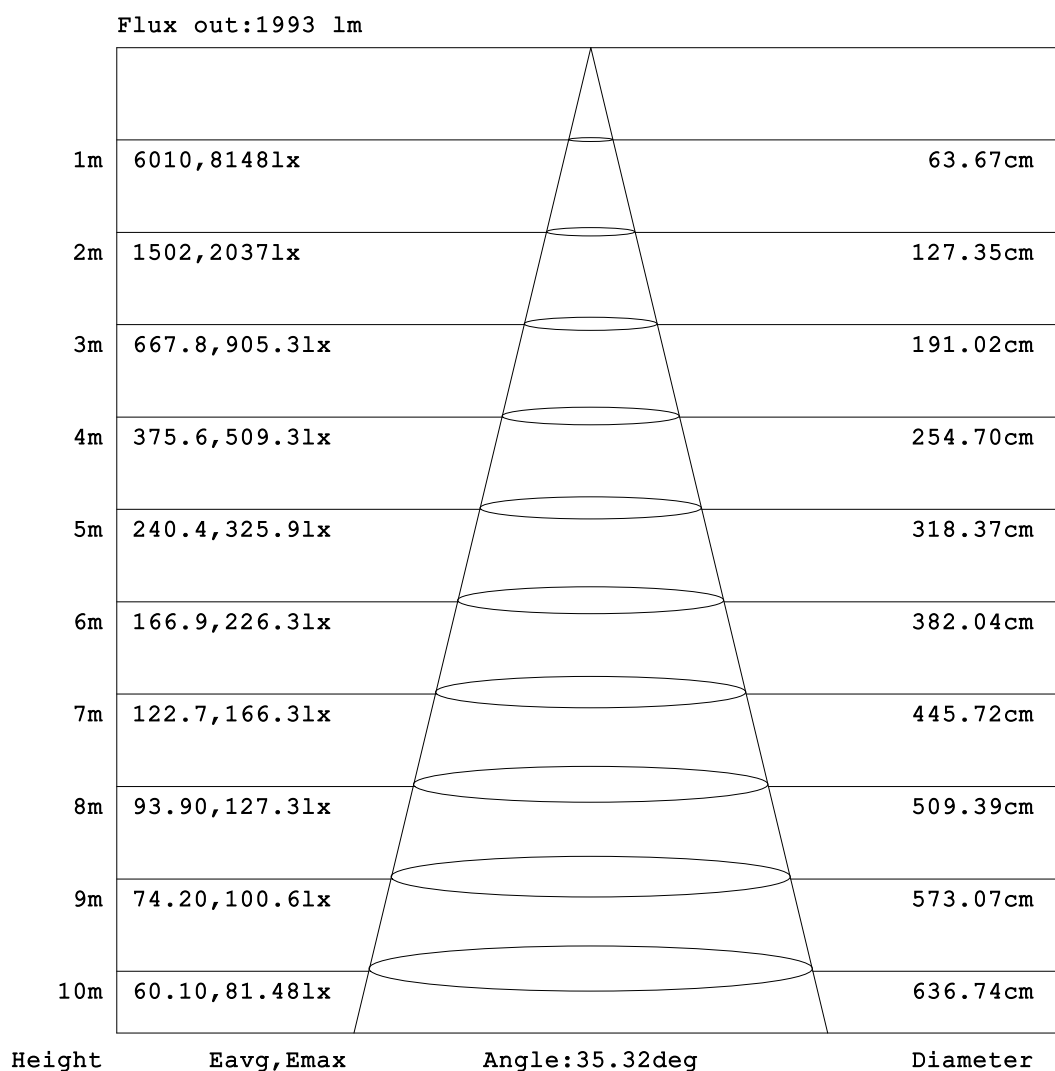
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: VJC008  
Test Date: 2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



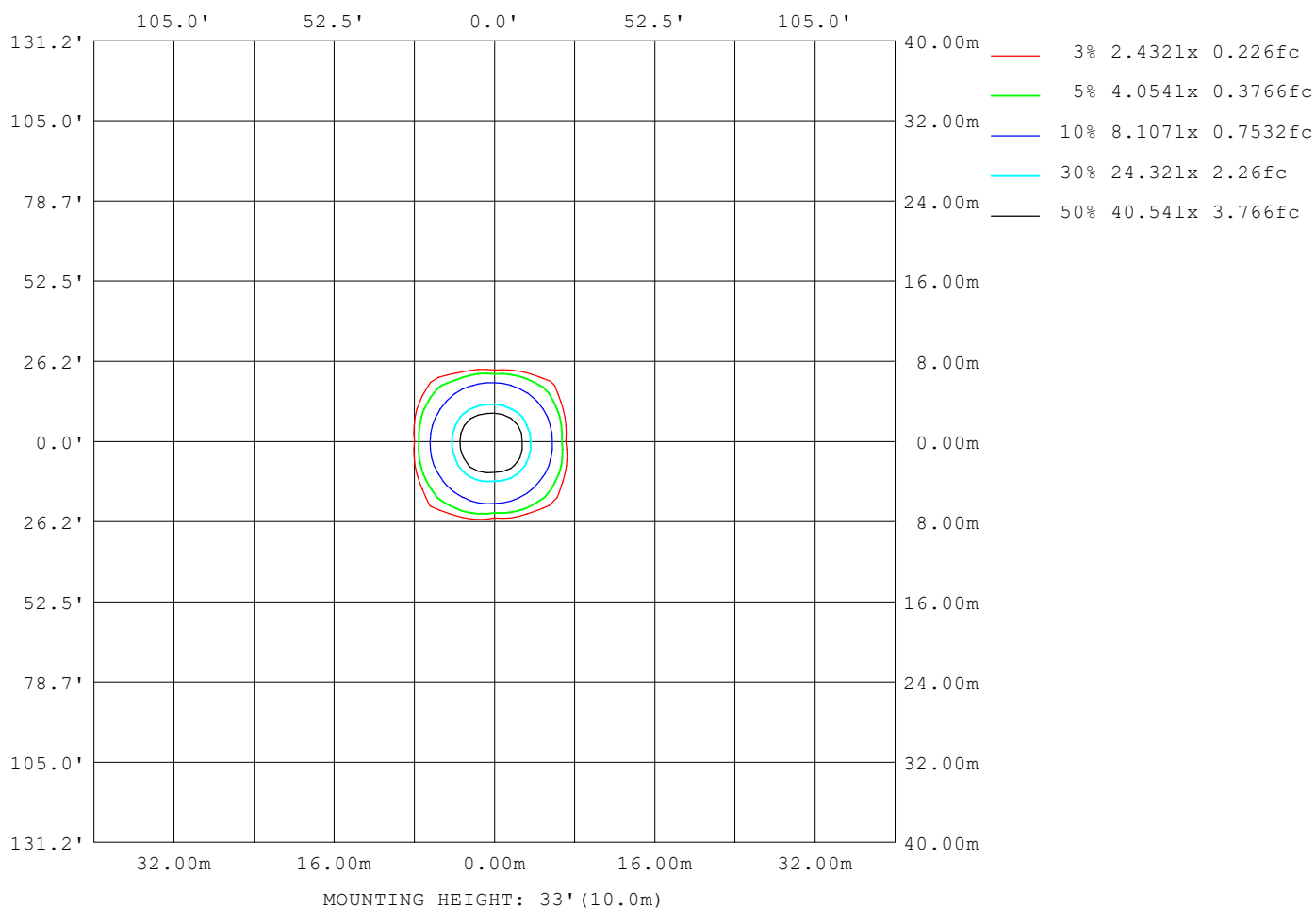
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:VJC008  
 Test Date:2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: VJC008  
Test Date: 2023-06-25

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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

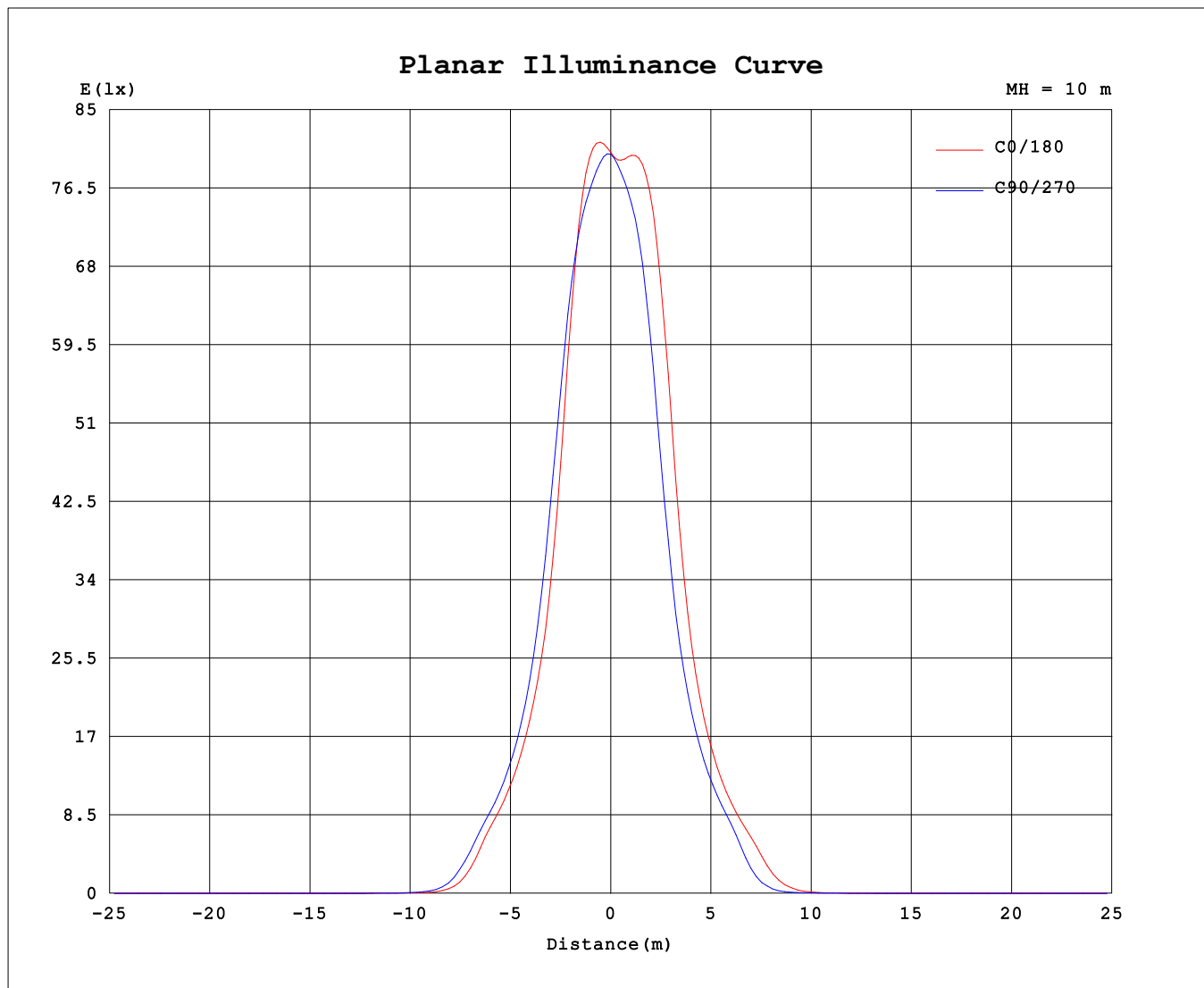
AvgL	cd/m2
L_0~180 (65) av	91
L_0~180 (75) av	19
L_0~180 (85) av	27
L_90~270 (65) av	72
L_90~270 (75) av	19
L_90~270 (85) av	29
L_45 (65) av	92
L_45 (75) av	17
L_45 (85) av	29

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:VJC008  
Test Date:2023-06-25

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: 2023-06-25

$\gamma$  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:220.59V I:0.1892A P:41.353W PF:0.9908 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3990.17x1 lm		
NAME: TR3085 4000K RA90 30D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	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	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017	8017			
5	8159	8176	8078	7945	7824	7845	7978	8101	8064	7963	7793	7675	7693	7814	7965	8083			
10	7139	7402	7521	7437	7250	7500	7885	8126	8138	7915	7527	6985	6808	6956	7232	7240			
15	4570	5118	5699	5708	5552	6159	6837	6973	6829	6716	6106	5160	4744	4780	5061	4828			
20	2767	3015	3503	3552	3493	3972	4562	4377	4168	4249	3973	3210	2924	2898	2988	2824			
25	1850	1953	2111	2194	2245	2455	2688	2605	2550	2489	2397	2068	1939	1870	1882	1857			
30	1248	1322	1388	1472	1521	1635	1714	1720	1695	1617	1549	1395	1320	1277	1289	1260			
35	498	815	935	945	840	1102	1159	1159	1110	1079	1039	774	500	712	866	712			
40	70.8	219	595	294	161	434	762	527	318	531	659	160	67.6	154	514	151			
45	19.7	37.1	225	45.4	28.5	73.4	411	95.4	45.3	106	262	29.0	18.9	28.7	134	28.4			
50	11.6	14.9	28.6	14.9	12.4	19.1	76.6	22.3	16.5	22.4	38.4	12.6	10.1	12.4	16.2	13.5			
55	5.86	8.35	7.19	8.00	6.99	9.63	11.8	12.1	10.0	11.1	9.01	7.31	5.96	7.01	6.20	7.40			
60	3.14	4.43	4.13	4.21	3.74	5.13	4.94	6.05	4.69	5.91	5.32	4.12	2.95	3.36	3.63	4.01			
65	1.26	1.39	1.53	1.82	1.67	2.32	2.86	3.19	2.45	2.04	2.09	1.79	1.25	1.15	0.96	1.57			
70	0.33	0.32	0.29	0.56	0.51	0.77	0.50	1.07	0.73	0.57	0.33	0.47	0.33	0.35	0.27	0.33			
75	0.22	0.19	0.20	0.21	0.25	0.23	0.23	0.24	0.25	0.26	0.22	0.26	0.22	0.23	0.18	0.21			
80	0.16	0.13	0.15	0.13	0.17	0.15	0.16	0.16	0.15	0.17	0.14	0.17	0.14	0.16	0.12	0.14			
85	0.14	0.13	0.13	0.13	0.13	0.13	0.14	0.13	0.09	0.12	0.12	0.13	0.11	0.13	0.10	0.11			
90	0.14	0.15	0.13	0.14	0.13	0.14	0.13	0.14	0.09	0.11	0.12	0.12	0.11	0.12	0.10	0.11			
95	0.17	0.19	0.16	0.18	0.15	0.17	0.15	0.17	0.10	0.11	0.13	0.11	0.10	0.10	0.13	0.10			
100	0.24	0.25	0.22	0.23	0.20	0.21	0.18	0.21	0.12	0.11	0.16	0.11	0.13	0.12	0.21	0.14			
105	0.32	0.34	0.31	0.29	0.26	0.27	0.26	0.27	0.15	0.18	0.28	0.21	0.19	0.25	0.38	0.31			
110	0.44	0.52	0.48	0.39	0.34	0.38	0.38	0.36	0.30	0.40	0.53	0.48	0.42	0.57	0.72	0.67			
115	0.74	0.81	0.76	0.60	0.49	0.59	0.62	0.56	0.71	0.83	0.95	0.95	0.95	1.13	1.27	1.26			
120	1.29	1.30	1.21	1.00	0.85	0.95	0.99	0.93	1.39	1.52	1.65	1.73	1.78	2.00	2.16	2.20			
125	2.12	2.05	1.91	1.65	1.48	1.52	1.56	1.52	2.41	2.61	2.76	2.93	3.04	3.34	3.53	3.66			
130	3.38	3.19	2.97	2.63	2.40	2.37	2.41	2.39	4.00	4.27	4.44	4.75	4.99	5.37	5.61	5.80			
135	5.29	4.91	4.55	4.11	3.80	3.66	3.68	3.70	6.36	6.60	6.78	7.23	7.65	8.09	8.24	8.57			
140	7.75	7.22	6.67	6.27	5.88	5.59	5.53	5.65	9.25	9.47	9.62	10.2	10.8	11.2	11.3	11.6			
145	10.5	9.90	9.31	8.92	8.54	8.06	7.92	8.17	12.3	12.5	12.7	13.5	14.0	14.5	14.5	14.7			
150	13.2	12.6	12.2	11.8	11.4	10.9	10.7	11.0	15.3	15.6	15.9	16.6	17.1	17.6	17.6	17.5			
155	15.5	15.1	15.0	14.7	14.3	13.8	13.6	13.7	18.0	18.3	18.6	19.2	19.7	20.0	19.8	19.6			
160	17.4	17.2	17.3	17.1	16.9	16.5	16.3	16.0	20.0	20.2	20.6	21.0	21.2	21.3	21.1	20.8			
165	18.7	18.6	18.7	18.9	18.9	18.6	18.2	18.0	21.1	21.3	21.5	21.8	21.9	21.7	21.4	21.2			
170	19.4	19.4	19.5	19.7	19.9	19.6	19.3	19.3	21.4	21.5	21.6	21.8	21.6	21.5	21.3	21.0			
175	20.3	20.3	20.4	20.3	20.4	20.3	20.3	20.2	21.3	21.5	21.6	21.7	21.4	21.3	21.2	20.9			
180	21.2	21.3	21.2	21.1	21.2	21.0	21.0	20.9	21.2	21.3	21.3	21.1	21.2	21.0	21.0	20.9			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

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Operators:VJC008

Test Date:2023-06-25

γ Range: 0 - 180DEG

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Remarks: